

Scientific Report

EOC-USI 2023



In partnership with:



Università
della
Svizzera
italiana

Contents

1. EOC Institutes and multisite Departments	8
Oncology Institute of Southern Switzerland (IOSI)	10
Institute of Clinical Neurosciences of Southern Switzerland – Neurocenter (INSI)	14
Cardiocentro Ticino Institute (ICCT)	22
Imaging Institute of Southern Switzerland (IIMSI)	26
Institute of Pediatrics of Southern Switzerland (IPSI)	28
Institute of Pharmacological Sciences of Southern Switzerland (ISFSI)	30
Institute of Laboratory Medicine (EOLAB)	34
Cantonal Institute of Pathology	36
Department of Medicine EOC	40
Department of Surgery EOC	44
Department of Gynecology and Obstetrics EOC	50
Department of Anesthesiology, Emergency and Intensive Care Medicine EOC	52
2. Other EOC Services	54
Rehabilitation Clinic EOC (CREOC)	56
Nursing Research Centre EOC	58
Information and Communication Technology Division (ICT) EOC	62
3. Laboratories for Translational Research (LRT) of EOC	64
4. Research Services	68
Clinical Trial Unit EOC	70
Grants and Fundraising Unit	76
EOC Biobank	77
Intellectual property	78
General consent for research purposes	79
5. USI Faculties and Institutes	80
USI Faculty of Biomedical Sciences	82
Institute of Public Health (IPH)	84
Other USI Faculties and Institutes	86
6. Peer-reviewed publications	88
7. Newly activated research projects	96
8. Research funding	104
9. Research highlights	108

10. Complete list of publications 112

11. List of publications for each Institute or Department 158

Oncology Institute of Southern Switzerland	160
Institute of Clinical Neurosciences of Southern Switzerland	170
Cardiocentro Ticino Institute	178
Imaging Institute of Southern Switzerland	189
Institute of Pediatrics of Southern Switzerland	195
Institute of Pharmacological Sciences of Southern Switzerland	197
Institute of Laboratory Medicine	198
Cantonal Institute of Pathology	199
Department of Medicine EOC	200
Department of Surgery EOC	206
Department of Gynecology and Obstetrics EOC	212
Department of Anesthesiology, Emergency and Intensive Care Medicine EOC	214
Rehabilitation Clinic EOC (CREOC)	216
Nursing Research Centre EOC	217
Information and Communication Technology Division EOC	219
Laboratories for Translational Research of EOC	220
Clinical Trial Unit EOC	222
Other EOC Services	223

List of frequently used abbreviations

AFRi	Area Formazione medica e Ricerca / Medical Education and Research Division
CHUV	Centre hospitalier universitaire vaudois
CTU-EOC	Clinical Trial Unit EOC
DAEICM	Dipartimento di Anestesiologia, Medicina d'Urgenza e Terapia Intensiva / Department of Anesthesiology, Emergency and Intensive Care Medicine
EOC	Ente Ospedaliero Cantonale
ICCT	Istituto Cardiocentro Ticino / Cardiocentro Ticino Institute
ICP	Istituto Cantonale di Patologia / Cantonal Institute of Pathology
ICT	Area Informatica e tecnologia della Comunicazione / Information and Communications Technology Division
IIMSI	Istituto Imaging della Svizzera Italiana / Imaging Institute of Southern Switzerland
INSI	Istituto di Neuroscienze Cliniche della Svizzera Italiana / Institute of Clinical Neurosciences of Southern Switzerland
IOR	Institute of Oncology Research
IOSI	Istituto Oncologico della Svizzera Italiana / Oncology Institute of Southern Switzerland
IPSI	Istituto Pediatrico della Svizzera Italiana / Institute of Pediatrics of Southern Switzerland
IRB	Istituto di Ricerca in Biomedicina / Institute for Research in Biomedicine
ISFSI	Istituto di Scienze Farmacologiche della Svizzera Italiana / Institute of Pharmacological Sciences of Southern Switzerland

LRT	Laboratori di Ricerca Traslazionale / Laboratories for Translational Research
LRU	Local Research Unit
PI	Principal Investigator
RCT	Randomized controlled trial
SAKK	Swiss Group for Clinical Cancer research
SCTO	Swiss Clinical Trial Organization
SNSF	Swiss National Science Foundation
SUPSI	Scuola Universitaria Professionale della Svizzera italiana
USI	Università della Svizzera italiana

Preface

This annual scientific report summarizes the research activities at the Institutes and Departments of the Ente Ospedaliero Cantonale (EOC) and at the Università della Svizzera italiana (USI) in the field of medical research for the year 2023. This format reflects the increasing integration between research conducted at the two institutions following the creation of the USI Faculty of Biomedical Sciences and the signature of a research cooperation agreement in 2020.

Overall, the EOC scientific production in 2023 confirmed the upward trend recorded the previous years. In 2023 the EOC Institutes and Departments, including both the clinical research groups and the laboratories for translational research (LRT-EOC), produced high-quality research attaining broad recognition at national and international level.

Furthermore, several research projects are underway involving multidisciplinary teams and collaborations with research groups worldwide. Collaborative efforts will further fuel the EOC research activities in the upcoming years.

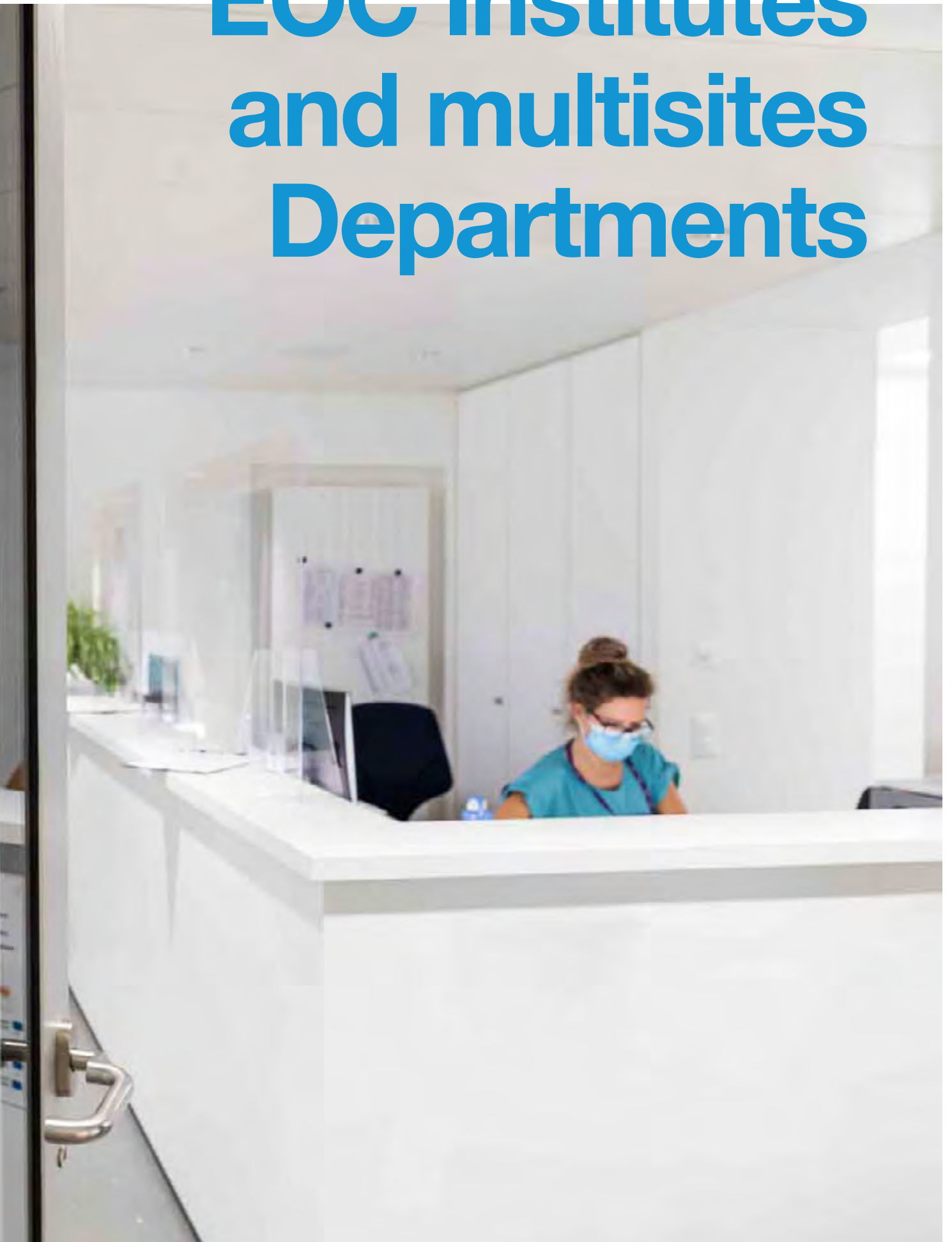
Together with patient care and education, research is an essential part of EOC activities. Bringing research close to practice facilitates the development of clinical studies and the monitoring of the effectiveness of clinical interventions and care processes, guarantees the quality and safety of services provided to patients and ensures that patients benefit from innovative diagnostic methods and therapies.

The growth in quantity and quality of research activities at EOC is paramount for the USI Faculty of Biomedical Sciences and it is in line with the 2022-2025 EOC strategic plan for a cantonal hospital with mandate for academic education and research that aspires to become a university hospital.





EOC Institutes and multisites Departments



Oncology Institute of Southern Switzerland (IOSI)

Prof. Anastasios Stathis, MD

Phase I Program Director and Co-Chair Clinical Research Unit

Luigi Tortola, PhD

Scientific Project Manager Clinical Research Unit

Prof. Silke Gillessen Sommer, MD

Medical and Scientific Director

The Oncology Institute of Southern Switzerland (IOSI) is one of the largest clinical cancer research centers in Switzerland with a longstanding experience in the conduct of clinical trials. The IOSI clinics of Medical Oncology (Head: Prof. Dr. S. Gillessen), Hematology (Head: Prof. Dr. G. Stüssi), Radiation Oncology (Head: Prof. Dr. T. Zilli) and Palliative Care (Head: PD Dr. T. Fusi-Schmidhauser) have their own clinical research activities and each team, based on its scientific interests, can propose trials to be activated or promote investigator-initiated trials.

The IOSI scientific research board (composed of senior physicians, the head of research nurses, the clinical research unit managers, the scientific project manager and a finance representative) decides about the trials to be opened and is responsible for the strategy of the clinical research of the institute. To support investigators at IOSI and promote clinical research, a well-structured clinical research unit (CRU) is active and coordinates the research activities (Co-chairs: Prof. Dr. A. Stathis and Dr. I. Colombo). The IOSI-CRU staff includes research nurses, study coordinators, a pharmacist and a quality assurance manager and provides the infrastructures and support for researchers of the institute. Finally, the Phase I program (Director: Prof. Dr. A. Stathis) takes care of

the activation and conduct of early phase clinical trials including first-in-human phase I clinical trials.

The three main areas of clinical research of our institute comprise new drugs development, lymphoproliferative diseases (lymphoma and chronic lymphocytic leukaemia) and prostate cancer, but we have also started to strengthen our clinical research in additional specialties such as lung, gastrointestinal, gynecologic, melanoma and breast cancer.

During 2023, 21 new prospective clinical studies (among them 5 phase I and 13 phase II-III interventional clinical trials) were activated, which added to the already active trials, resulted in 54 open prospective studies at the end of 2023, 36 of them being interventional phase I-III clinical trials.

Together with studies evaluating new drugs mainly sponsored by pharmaceutical industry, we also run several investigator-initiated trials assessing biomarkers in haematological, prostate, breast and gynecological malignancies in collaboration with the Institute of Oncology Research (IOR). In addition to the trials investigating biomarkers, during 2023, 2 interventional clinical trials sponsored by IOSI were activated with the support of competitive grants. The FusoMetro-001 trial in colon cancer (PI: PD Dr. S. De Dosso) will address the effect of the antibiotic metronidazole



on the control of intestinal bacterium *Fusobacterium nucleatum* and on the tumor inflammatory milieu. The ACTIDIET-PRO study in prostate cancer (PI: PD Dr. U. Vogl) will address the feasibility of a lifestyle intervention consisting of a personalized training program and a balanced diet in patients with prostate cancer. Our physicians also carry out numerous retrospective research projects, in which previously collected data is assessed in order to gain insights on the outcomes of different types of malignancies and to identify parameters or treatments that can impact on the disease. During 2023, 12 new retrospective studies were approved, 7 of which were directly initiated by IOSI physicians. Part of these projects serve also as a material for the conduction of master theses for the students of the USI. The IOSI has an excellent history of collaboration with both the pharmaceutical industry and non-for-profit academic organizations. Of particular relevance are the collaborations with the IOR, the Institute for Research in Biomedicine (IRB), the International Extranodal Lymphoma Group (IELSG), SAKK, EORTC and the CTU-EOC. Many of our medical staff have a central role in the USI Faculty of Biomedical Sciences and are also associated with ETH Zurich, University of Bern, University of Geneva, University of Zurich, University of Padua and

the STAMPEDE team in the UK.

The high volume of clinical research activity highlights the devotion of IOSI to clinical research, with an extensive publication record of IOSI researchers in a multitude of areas related to both solid tumours and hematological malignancies that was maintained also in 2023, with more than 50 articles as first or senior authors and numerous high impact factor publications. Researchers from the IOSI present regularly results of their research works or are invited as speakers in major international conferences.

In 2023, some important acknowledgments were obtained from physicians affiliated with the IOSI. Five of our physicians (Prof. Dr. S. Gillessen, Prof. Dr. D. Rossi, Prof. Dr. C. Sessa, Prof. Dr. A. Stathis and Prof. Dr. E. Zucca) were included in the list of the world's "2% top-cited researchers" published by the University of Stanford and Elsevier in October. During this year, Prof. Dr. G. Stüssi was elected President of the Swiss Cancer League, while Prof. Dr. S. Gillessen was elected as a member of the Swiss Academy of Medical Sciences (SAMS / SAMW) and as Honorary member of the European Society for Radiotherapy and Oncology (ESTRO) and as a panelist of the Marcel Benoist Foundation for the Swiss Science Prize. In 2023, the Università della Svizzera Italiana (USI) awarded a

professorship to Prof. Dr. Anastasios Stathis and to Prof. Dr. Thomas Zilli. Finally, PD Dr. U. Vogl was chosen as chair of the urogenital cancer group of the Swiss Group for Clinical Cancer Research (SAKK), while Dr. E. Biguzzi and PD Dr. B. Gerber were appointed Co-Chairs of the Working Party Hemostasis of the Swiss Society of Hematology.

A total of 5 EOC awards were assigned in 2023, including three young investigator awards (Dr. I. Colombo, Dr. B. Muoio and Dr. M.C. Piroso) and two senior awards (Prof. Dr. D. Rossi and Prof. Dr. T. Zilli).

Finally, several grants were obtained by IOSI investigators, in particular Prof. Dr. S. Gillessen from the Fondation ISREC the prestigious TANDEM grant together with Prof. M. Rubin from the Precision Medicine Center in Bern, PD Dr. U. Vogl from the

Swiss Cancer League for the clinical trial HOLIDAY, Prof. Dr. T. Zilli from the Fondation pour l'innovation sur le cancer et la biologie and PD Dr. L. Deantonio from the Fondazione Dr. Carlo Gianella. For the years to come, the development of investigator-initiated trials represents a major objective of clinical research for the IOSI. For this reason, the IOSI is aiming to increase the number of investigator-initiated clinical trials over the next years in collaboration also with the CTU-EOC. With the aim of further promoting the transfer of preclinical knowledge to the clinic, regular scientific meetings with the heads and PIs of IOR and the IRB (now Bios+) have continued in 2023. This resulted in the publication of several collaborative original research articles involving IOSI as well as IRB / IOR.



[Click here](#) to see the IOSI complete list of publications



Institute of Clinical Neurosciences of Southern Switzerland – Neurocenter (INSI)

Prof. Alain Kaelin, MD PhD
Medical and Scientific Director

Epilepsy research group (Dr. P. Agazzi, Dr. C. Prosperetti)

We collaborate with the cardiological intensive care unit of EOC in several studies on the prognostic evaluation of cardiac arrest, exploring new blood markers of neuronal death. On the other hand, together with the neuro-oncology group, we are implementing a registry of our patients with primary brain tumours, in order to characterize differences in prevalence, gender, biochemical markers and treatment. We are also involved in a Swiss multicenter research consortium regarding patients with a first epileptic seizure, aiming to identify neurophysiological and neuroimaging biomarkers of epilepsy at the first seizure.

Headache research group (Prof. Dr. C. Zecca)

The research focuses on genetic and clinical predictors of efficacy of new migraine treatments, also exploring their safety profile in the post-marketing setting. Epidemiology and pathophysiology of migraine are also investigated and our Center participates in various industry-sponsored studies in patients with migraine.

Movement Disorders research group (PD Dr. S. Galati)

The priority of our clinical research is exploring the influence of neuronal plasticity changes during sleep on movement

disorders such as dystonia and levodopa-induced dyskinesia (LID) in Parkinson's Disease (PD). Two translational research projects are ongoing in patients with PD affected by LID using high-density recordings EEG and acoustic stimulation. In the first study, we aim to investigate the build-up process happening during wakefulness, as reflected by the increase of theta activity (SWA) throughout the day, to understand better if there is an abnormal build-up process during the day or rather, an impaired SWA mediated downscaling during the night. In the second study, we aim to assess the clinical effect of acoustic stimulation during sleep to increase SWA compared to sham stimulation on LID. In collaboration with the Swiss Red Cross, the Conservatorio della Svizzera Italiana, and the Hildebrand Clinic, we carried out a further study to investigate the effects of a group music creation program on the health and well-being of PD patients.

Multiple Sclerosis research group (Prof. Dr. C. Zecca)

The research focuses on diagnosis and treatment, exploring new MRI techniques understanding better processes underpinning slow disease worsening and risk associated with new multiple sclerosis (MS) therapies in aged MS patients, and searching for innovative neuromodulation treatments of overactive bladder. We also participate in a nationwide investigator-initiated project on MS epidemiology. The





16

Center is also a recognized study site for several industry sponsored international clinical trials.

Neurodegenerative Diseases research group

(Prof. Dr. G. Melli)

Our research focuses on the detection/characterization of α -Syn and tau and its pathogenic species in the skin of PD and other neurodegenerative diseases like atypical parkinsonisms. We demonstrated that PD patients present a somatosensory small fiber neuropathy that correlates with disease duration and progression. These projects take advantage of a biobank and clinical database for PD and atypical parkinsonisms that we established at INSI in Lugano since 2015. More recently, we published several papers on the specific

profile of surface proteins of blood- and CSF derived extracellular vesicles (EVs), which stratifies patients with PD and atypical parkinsonisms. These EV markers are related to circulating inflammatory and immune cells. In 2023 we started a new study on extracellular vesicles profiling in plasma of Alzheimer's disease patients including mild cognitive impairment, showing overexpression of platelet related markers. We are investigating how peripheral inflammation and immune dysregulation can contribute to brain neuronal cell death in PD using neuronal and microglia cell cultures and the generation of human iPS-derived midbrain organoids. We completed a multicenter international study granted by the Micheal J Fox Foundation on profiling plasmatic EVs in prodromal and early PD to identify specific signature and build diagnostic algorithms by artificial intelligence. We set up and generated

preliminary novel data on increased tau seeding activity assay by RT-QuIC, an ultrasensitive technology, in skin biopsy of patients with primary tauopathies, a project granted by Synapsis foundation ([see also chapter III on the Laboratories for Translational Research](#)).

Neuropsychology and Speech Therapy research group

(PD Dr. Leonardo Sacco)

This research group focuses on the study of cognitive, behavioural and psychopathological dysfunction in neurodegenerative disorders (major cognitive disorders) and neurodevelopmental disorders (ADHD). Our mission is to find a psychological matrix that influences the course of these diseases and to identify cost-effective treatments to improve patients' quality of life. Key research interests in 2023 include social cognition deficits, clinical trials for early stages of Alzheimer's disease, exploring the link between neurodevelopmental and neurodegenerative diseases, and investigating psycho-affective disorders in Mild Cognitive Impairment/ Dementia. The research group aims to provide valuable insights and strategies for addressing these complex conditions.

Neuroradiology research group

(Prof. Dr. A. Cianfoni, PD Dr. E. Pravata)

On the magnetic resonance imaging (MRI) research side, an innovative methodology for the dedicated analysis of the anterior optic pathway by using high-resolution 3D MRI, and the related image processing software have been published. This project was founded by EOC, the Swiss Multiple Sclerosis Society and the VELUX Stiftung. We started a third work package of this research project focusing on AI-assisted anterior visual pathway image segmentation in cooperation with University of Genoa (IT). The diagnostic neuroradiology is also actively involved in the "Swiss Cohort" initiative, sponsored by the University of Basel, a multicenter registry collecting MRI, laboratory and clinical information about patients with multiple sclerosis.

This cooperation yielded a continuous scientific output about emerging MRI biomarkers in multiple sclerosis. Other active collaborations are with the Inselspital of Bern, and the I.T.A.B. (Institute of Advanced Biomedical Technologies) of University of Chieti (IT). Finally, the diagnostic neuroradiology is actively involved in the "IMAGINE: Radiomics for comprehensive patient and disease phenotyping in personalized health" Swiss multicentric project, initiative to build a Swiss-wide infrastructure for image-based biomarker research & analysis on brain tumor. Additional scientific publications were obtained for the contributing role in the first in-human study on the safety of intracerebroventricular transplantation of allogeneic neural stem cells in people with progressive multiple sclerosis, and on the validation of a novel MRI biomarker of amyloid protein deposition in the spine. On the interventional side, there has been continuous effort and publications on the minimally invasive treatment of osteoporotic vertebral fractures, in close collaboration with the Neurosurgery department and the pain medicine service. The feasibility phase of a randomized controlled trial comparing a minimally invasive interventional technique, called SAIF, to the standard surgical stabilization for unstable vertebral fractures has completed the enrolment phase and is now gathering data during the follow-up phase. Furthermore, the interventional Neuroradiology participates in two multicenter randomized controlled trials on endovascular stroke treatment, respectively called DISTAL and TEKNO.

Neurosurgery research group

(PD Dr. A. Cardia, Dr. F. Marchi)

The neurosurgery research group is active both in the field of the cranial and the spinal pathologies. The laboratory research for cranial pathologies, led by PD Dr. A. Cardia and Dr. D. Milani, is performing mainly cohort studies (institutional or multicenter) with the objective to improve neurological status following surgery. We contribute to the Swiss SOS registry on aneurysmal subarachnoid haemorrhage allowing several multicenter cohort studies on epidemiology

and treatment outcomes. The group activities explore new surgical approaches to limit neurological morbidity, by combining endoscopic and open surgical approaches for complex skull base pathologies. Furthermore, we have a specific interest on brain tumour. Presently, two main lines of research are explored. The first line is mainly focused on the use of 5-ALA in the management of these lesions, trying to create a quantitative analysis to standardize the use of 5-ALA in all neuro-oncological practices. The second line is focused on the role of miRNA in the postoperative outcome of glioblastoma.

The laboratory research in spinal pathologies, led by PD Dr. A. Cardia and Dr. I. Cabrilo, focuses on cohort studies (institutional or multicenter) to improve neurological status following surgery. The group analyses the use of different new intraoperative imaging systems and augmented reality in the management of surgical cases, in particular geriatric cases. This is part of our research priority on “outcomes in Neurosurgery” on identifying, developing and implementing the best methods, approaches and datasets to help address key clinical research questions that impact patients with neurological disorders. These outcomes studies are playing an important role in the changing landscape of the healthcare system, in terms of neurosurgical patient management, regulation and education.

Non-Invasive Brain Stimulation research group

(PD Dr. G.C. Riccitelli)

This research group is dedicated to advancing cerebral non-invasive neurostimulation treatments. Utilizing advanced technology and computational models, the research focuses on mitigating motor, cognitive, and behavioral symptoms associated with neurological diseases. Central to its mission is the identification of biomarkers for cognitive impairments in neurodegenerative diseases, the enhancement of neurostimulation therapies efficacy, and the development of reliable treatments for drug-resistant traumatic brain injury patients suffering from neuropsychiatric disturbances. In 2023, with the aid of private funding, the research group is committed to developing home neurorehabilitation treatments that patients can easily apply in their home environment. The research group's accomplishments stem from robust partnerships with various research entities. Collaborations within the EOC include the Movement Disorders research group, Laboratories for Translational Research, and the IOSI. Regionally partnerships were established with SUPSI, specifically the Biomedical-Signal Processing Research Group and IDSIA Lab. In 2023, a noteworthy collaboration with the CHUV of Lausanne was consolidated, contributing to two



Innosuisse Flagship Projects. Internationally, the research group is an integral part of a European Training Network, focusing on validating a home-based transcranial brain stimulation procedure for alleviating refractory pain in cancer patients.

Ophthalmology research group

(PD Dr. M. Menghini, Dr. G. Grimaldi)

The ophthalmology research group focuses on the study of degenerative retinal pathologies, including dry and wet age-related macular degeneration, and neuro-vascular ophthalmic diseases. In 2023, real-world studies were conducted on the efficacy and durability of a recently approved drug, faricimab, for the treatment of wet age-related macular degeneration and diabetic macular edema, compared to traditional medications.

Two cohorts of patients with rare retinal pathologies, named malattia leventinese and retinitis pigmentosa associated with RP-1 gene mutations, were studied for the first time using mesopic and scotopic microperimetry, a state-of-the-art equipment that allows for precise assessment of macular function. Functional data were correlated with anatomical data obtained through multi-modal ophthalmological imaging. These two cohorts will be longitudinally followed over time to generate valuable data in a natural history study aimed at collecting essential information on rarely described and documented diseases in the scientific literature. Furthermore, the groundwork has been laid for a prospective cohort study that will be conducted throughout 2024, aiming to investigate the aqueous humor metabolomics in patients with age-related macular degeneration and in healthy individuals. The goal is to identify potential biomarkers associated with aging of the eye tissues. There are other ongoing studies in collaboration with the Neurology research teams that aim to identify alterations in the optic nerve, retinal nerve fiber layer and ganglion cell layer, in neurological conditions such as retinal artery occlusion and multiple sclerosis. Scientific collaborations were initiated with various national centres, including the Hospital Ophthalmic Jules-Gonin, the Institute of Molecular and Clinical Ophthalmology Basel and Luzerner Kantonsspital. A total of 28

scientific presentations and posters were given by the research group at both national and international meetings. Funding of the ophthalmology research group is mainly through an unrestricted research grant by BAYER AG Switzerland.

Pain research group

(PD Dr. E. Koetsier, PD Dr. P. Maino)

The Pain Management Center is at the forefront of pioneering international, multicenter, randomized controlled trials. These trials have the goal to enhance the effectiveness of chronic pain treatments, with a primary focus on minimally invasive interventions like intradiscal injections and neuromodulation. Our research delves also into the intricate interplay of psychological factors influencing the outcomes of pain treatments. Given that low back pain and neck pain rank are leading causes of disability, the Center for Pain Therapy is committed to advancing innovative minimally invasive therapeutic approaches. Specifically, we target chronic low back and neck pain resistant to conventional therapies, conducting systematic reviews, meta-analyses, and international randomized controlled trials. Our emphasis lies in exploring groundbreaking minimally invasive treatments for pain associated with degenerated disc disease. Observational studies are underway, evaluating a novel denervation technique for facet joint pain treatment. Additionally, we are actively involved in assessing and enhancing the efficacy of dorsal root ganglion stimulation and spinal cord stimulation for addressing back pain and painful polyneuropathy. Our comprehensive approach extends to investigating the influence of psychological factors on chronic pain and refining strategies to align with patient expectations. Collaboration is an integral part of our research endeavors. The Pain Management Center engages in multidisciplinary projects with colleagues from the neurosurgery, neuroradiology, orthopedic, and neurology departments. Our academic ties extend to a close partnership with the University of Maastricht, featuring collaborations with Prof. Dr. S. van Kuijk, and Prof. M. Barbero from SUPSI.

Peripheral Nerves research group and Center Myosuisse

(Prof. Dr. G. Melli, PD Dr. P. Ripellino)

In 2023 we published the results of the multicenter observational NERVES study, focusing on neuropathies related to hepatitis E infections. This study will also provide new data on preceding infections in acute Neuralgic Amyotrophy. We also published the results of a study on genetic predisposition to develop a severe course of hepatitis E (collaboration with CHUV, Lausanne). Several other research collaborations in the field of Amyotrophic Lateral Sclerosis (ALS) and peripheral neuropathies (GBS, Charcot-Marie-Tooth neuropathy) were published. We completed several clinical studies, such as the phase III RCT on oral Edaravone and started a Phase III trial on Myositis, a Phase III trial on Myasthenia Gravis, and a Phase I study on

safety of Salvia Haenkei. Furthermore, we actively participated in the Swiss Register of Duchenne muscle dystrophy and Spinal Muscle Atrophy and finalized the basis for a national registry on ALS. The center also includes the “skin biopsy laboratory” for the diagnosis of small fiber neuropathy and the “clinical autonomic nervous system laboratory” for the evaluation of dysautonomic disorders. We are working on several research projects for early detection and characterization of amyloid fibrils in skin biopsy of patients with transthyretin and light chain amyloidosis by electron microscopy and proteomic approaches in collaboration with IRB, Bellinzona and the cryo-EM unit, University of Geneva. In 2023 we published an article on the sensitivity and specificity of skin biopsy for systemic amyloidosis and immune-typing of precursor protein at electron microscopy for the first time in minimally invasive 3-mm skin punch.



Sleep research group

(Prof. Dr. M. Manconi; Prof. Dr. S. Miano)

The research mission of the Sleep Medicine is to explore brain function and maturation during sleep and sleep-related disorders mainly by using innovative electrophysiological approaches, such as High-Density EEG. The main field of interest of our research are sleep related movement disorders such as restless legs syndrome and periodic limb movements, and central disorders of hypersomnolence. In 2023 our group produced a significant amount of high-level scientific articles. These results have been obtained thanks to consolidated local and external collaborations and thanks to the financial support of two competitive grants from the Swiss National Foundation. New therapeutic therapies are under investigation for restless legs syndrome (RLS): a phase 2b trial with antiglutamatergic compound and a study on the effect of electrical spinal stimulation. We also received specific funds to study the genetic of RLS during pregnancy. We collaborated to 3 RCT to evaluate the efficacy, safety, and tolerability of a new drug for the treatment of Narcolepsy. We have collaborated to the Swiss registry of children with home respiratory support, and we are actively involved in the research activity of the Swiss Narcolepsy Network. Other sleep related fields are also represented, among others, by projects on sleep and pregnancy, sleep and stroke, sleep and attention deficit hyperactive disorder, and infra-slow oscillation. Two important local collaboration have been consolidated in 2023, one with the IOSI to evaluate the impact of hormonal treatment on sleep in patients with prostate cancer and in those with breast cancer, and the second on REM behavior disorders in Parkinson Disease. In collaboration with Bern University, the post-doc Master in Sleep and Consciousness successfully progressed from diploma for advanced studies into a master of advanced studies.

Stroke research group

(Prof. Dr. C. Cereda, Dr. G. Bianco)

The research activities of the Stroke Center focus on patient-oriented clinical research: we are principally interested in understanding the role of multimodal advanced neuroimaging (perfusion imaging) for the diagnosis and selection of best treatment for acute ischemic stroke patients together with the Neuroradiology research group. We are currently leading studies addressing the role of multimodal imaging in patients with ischemic stroke in the posterior circulation (basilar artery stroke), in gender differences in acute stroke treatment and stroke related to small vessel disease. We are also especially interested in recognizing new serum biomarkers to optimize the diagnostic process of transient ischemic attack (TIA). We started a specific study in the field (ELVIS ACS Study). The Center also offers a platform for industry promoted international trials and promotes several other clinical studies and participates to numerous national and international projects mainly dedicated to acute stroke management, stroke prevention and stroke treatment.

Cardiocentro Ticino Institute (ICCT)

Prof. Stefanos Demertzis, MD

Scientific Director

Prof. Marco Valgimigli, MD PhD

Chair Clinical Research

Cardiology

(Prof. Dr. G. Pedrazzini)

Clinical Electrophysiology

Prof. Dr. A. Auricchio)

The Clinical Electrophysiology research group is focused on cardiac disorder diagnosis and management including atrial fibrillation, cardiac implantable devices, management of lead and device issues, remote patient monitoring, computer modelling, and advanced signal processing. The group collaborates with Fondazione Ticino Cuore, the InterDisciplinary Institute of Data Science at USI (Prof. A. Mira) and MeteoSwiss; a research cluster on out of-hospital cardiac arrest (OHCA) has been established. The project makes use of advanced spatial statistics methods to identify patterns of temporal-spatial distribution of cardiac arrests in Canton Ticino. This project is supported by SNSF. Furthermore, additional research activities on OHCA in Switzerland have been successfully carried out in collaboration with the Swiss "Interverband für Rettungswesen" Association. Finally, the The Clinical Electrophysiology research group has a longstanding research partnership with EULER Institute of USI to conduct computer modeling studies in atrial fibrillation and heart failure.

Interventional Cardiology

(Prof. Dr. M. Valgimigli, PD Dr. D. Sürder)

The interventional cardiology research group participates in several national and international trials, which are coordinated

by the research cardiovascular service (SRC) and runs multiple international interventional studies under the leadership of Prof. Dr. M. Valgimigli as global Principal Investigator (PI). The group is still running the NATURE trial, which is investigating the role of a new thrombectomy device for the management of patients with ST segment elevation myocardial infarction with large thrombus burden and involves eight sites in Switzerland and Italy. Furthermore, the group is actively participating as recruitment sites in multiple randomised trials and registries, among which SWISS TAVI, MITRASWISS, SOS AMI, PROTECT 2 and 4, PICSO 5, Amundsen, Victorion Plaque, MOCA 1 and Ex-VIVO. This research group has published this year as first or senior author(s) multiple sub-analyses of the MASTER DAPT Trial, which involved 130 sites in Europe, Asia, South America and Australia and investigated the duration of dual and single antiplatelet therapy in patients at high risk of bleeding who underwent PCI. Two individual patient data meta-analyses were published in the two most prestigious cardiological journals, including the European Heart Journal and Circulation addressing the optimal antiplatelet treatment in patients at high bleeding risk and the value of radial versus femoral access site in patients undergoing cardiac catheterization, respectively. This research group has published a First-in-Human study on the use of a stent retriever as new thrombectomy technique for patients with large thrombus burden. Since late 2022, we host 2 interventional fellows



(Dr. A. Landi and Dr. S. Caglioni) with each having 50% active role in the clinical and 50% in the research field.

Cardiac surgery

(Prof. Dr. S. Demertzis)

Interprofessionality & Communication

Interprofessional electronic patient communication: The COVID-19 pandemic restrained in an unprecedented manner the face-to-face communication of families seeking information on their hospitalized loved ones and the interprofessional care teams (physicians, surgeons, nurses, physiotherapists). Those restrictions were generally perceived negatively. We developed a software-based communication solution to proactively and regularly convey all relevant information

to the authorized family members. A prospective RCT, significantly supported by the USI (Prof. Schultz - Faculty of Communication) and SUPSI (Prof. Bianchi - Nursing Science) was conceived and completed. The positive results were published in 2023.

Extracorporeal Circulation

1) Intraoperative monitoring of the gaseous emboli (micro-air bubbles) that travel through the heart-lung machine and are filtered by the several machine components was introduced. Despite filtering, in some cases clouds of tiny bubbles (generally $<200\mu\text{m}$) still enter the patient and we are assessing their correlation with systemic inflammatory reactions or subtle neurological effects (S. Demertzis, S. Vandenberghe, M. Puthettu). Funded by the Swiss Heart Foundation. 2) Protecting the

brain while treating the heart is a block of two projects focusing on quantification of air-bubbles captured in the heart chambers during open-heart surgery. One of the subprojects (AIRCATCH) is announced to be funded by the Fondo EOC-USI (Fondazione Daccò) and the other is funded by the Foundation Fidinam (S. Demertzis, S. Vandenberghe, R. Krause – USI). 3) Analysis of venous drainage in extracorporeal circulation using different types of venous cannulas (E. Ferrari in collaboration with the University of Lausanne).

Extracorporeal Circulation

1) Intraoperative monitoring of the gaseous emboli (micro-air bubbles) that travel through the heart-lung machine and are filtered by the several machine components was introduced. Despite filtering, in some cases clouds of tiny bubbles (generally <200µm) still enter the patient and we are assessing their correlation with systemic inflammatory reactions or subtle neurological effects (S. Demertzis, S. Vandenberghe, M. Puthettu). Funded by the Swiss Heart Foundation. 2) Protecting the brain while treating the heart is a block of two projects focusing on quantification of air-bubbles captured in the heart chambers during open-heart surgery. One of the subprojects (AIRCATCH) is announced to be funded by the Fondo EOC-USI (Fondazione Daccò) and the other is funded by the Foundation Fidinam (S. Demertzis, S. Vandenberghe, R. Krause – USI). 3) Analysis of venous drainage in extracorporeal circulation using different types of venous cannulas (E. Ferrari in collaboration with the University of Lausanne).

Coronary Artery Bypass Grafting

Coronary Artery Bypass Grafting: The European Registry of Clinical Outcomes after external support of saphenous vein grafts (VEST) after coronary artery bypass grafting coordinated by S. Demertzis (PI) concluded patient enrollment and is registering the foreseen follow-up interviews up to 5 years after surgery.

Cardiac Valves

1) Analysis of hemodynamic and flow performances of virtual wall-less cannula in minimally invasive cardiac surgery (E. Ferrari). 2) Predictability of failure of surgical mitral

valve repair analyzing preoperative imaging using machine learning. Initialization of a common project in collaboration with the USI (Prof. Krause - Euler Institute) (T. Torre, S. Demertzis). 3) Analysis of clinical data and outcome after implantation of transcatheter aortic valves (TAVI) in general for severe aortic stenosis (focusing on alternative access than the femoral artery) and in presence of concomitant significant tricuspid valve regurgitation (E. Ferrari). 4) Bench tests and feasibility study of transcatheter aortic root replacement with different configurations of the devices (E. Ferrari). 5) Analysis of long-term outcomes under different anticoagulation / antiaggregation regimes after TAVI registered in the SWISS TAVI registry (E. Ferrari in collaboration with the University of Bern). 6) Analysis of the radiologically documented position of TAVI-in-TAVI implantations and the corresponding clinical outcomes (E. Ferrari, multicenter study).

Thoracic Aorta

1) Analysis of clinical outcomes after thoracic aorta endoprostheses (TEVAR) for different aortic pathologies (M. Muretti, E. Ferrari, S. Demertzis). 2) Retrospective analysis of aortic size indices in patients with acute aortic dissection type A (S. Grego, S. Demertzis). 3) Analysis of surgical results and clinical mid-term follow-up of patients treated with aortic root replacement or aortic root repair (E. Ferrari)

Cardio-anesthesiology and intensive care

(Prof. Dr. T. Cassina)

A prospective clinical study focusing on the kinetics of Neurofilament Light Chain after cardiac arrest as prognostic parameter of neurological damage is ongoing (in collaboration with INSI). Our group has provided support for a MD thesis (Dr. T. Preda) on traumatic injuries after manual and mechanical cardiopulmonary resuscitation. We were involved in Swiss Latin Airway Guidelines: a holistic approach for improving airway management. We participate on a RCT (STEP CARE trial) on sedation, temperature and pressure after cardiac arrest and resuscitation.

Dr. G. Via is member of the panelist of the Society of Critical Care Medicine (SCCM) Task Force on the Ultrasound Guideline Focused Update and member of the panelist of the American Society of Echocardiography (ASE) writing group on Nomenclature Standards for Cardiac Point-of-Care Ultrasound Imaging. We have also conducted a study on cost-effectiveness and diagnostic accuracy of focused cardiac ultrasound in the pre-participation screening of athletes.

Lugano Cell Factory (LCF) (Dr. L. Turchetto)

LCF is a Good Manufacturing Practice (GMP) facility authorized by Swissmedic for the production of Advanced Therapy Medicinal Products (ATMP)/transplant products. After optimizing and validating the manufacturing process for production of hyaline cartilage beads (Cartibeads) from human chondrocytes for the startup company Vanarix SA, LCF became the first clinical manufacturing site of microtissues for knee cartilage regeneration. The first patient has already been successfully implanted in 2022 upon Swissmedic's approval of the first Cartibeads-based Swiss trial. LCF has also established a collaboration with the University

of Manchester (UK) to act as a GMP manufacturing center for a gene and cell-based therapy product related to the treatment of Duchenne Muscular Dystrophy. LCF performed process validations and also contributed to preparing the regulatory dossier recently submitted to the regulatory authorities for approval of phase 1 clinical trial. The LCF developed a novel protocol for the production of clinical-grade human exosomes derived from cardiac progenitor cells [patent application N° 102017000035315_ (IT/CH/PCT) entitled "Device and method for exosomes production and purification"]. In this context, LCF is presently participating to a European consortium (MARVEL project/ H2020 grant) devoted to improve the purity of the GMP grade exosomes for diagnostic and/or clinical applications. The LCF is also qualified to operate as cardiovascular tissue bank (aortic and pulmonary valves, as well as pericardium for human use), which already delivered several cardiovascular tissues for patient treatment.

Laboratory research

[See chapter III on the Laboratories for Translational Research.](#)



Imaging Institute of Southern Switzerland (IIMSI)

Prof. Filippo Del Grande, MD
Medical and Scientific Director

The Imaging Institute of Southern Switzerland (IIMSI) includes the Clinic of Radiology (Head: Prof. Dr. F. Del Grande), the Clinic of Nuclear Medicine and Molecular Imaging (Head: Prof. Dr. L. Giovanella until 2023; PD Dr. G. Paone from 2024) and the Medical Physics Service (Head: Dr. S. Presilla).

Clinic of Radiology

The Clinic of Radiology of the Imaging Institute of Southern Switzerland (IIMSI) offers diagnostic and interventional imaging examinations in the main four sites of the Ente Ospedaliero Cantonale (Bellinzona, Locarno, Lugano, Mendrisio). The Clinic of Radiology offers a complete coverage of the body imaging, with radiologists divided into subspecialties (musculo-skeletal imaging, oncologic imaging, urogenital imaging, women's imaging, thoracic imaging, abdominal imaging, pediatric imaging, interventional radiology), to enhance specific skills and competence, in order to offer the patients and their referring physicians a highly specialized radiological service. The research organization of the clinic of radiology has been recently updated in order to better reflect its innovative structure, based on a grid of transversal and longitudinal topics. Transversal research topics are based on innovative technology, body composition and evidence-based medicine. Longitudinal research topics pertain to the single abovementioned subspecialties. Among the subspecialties, the below mentioned are the most active in research, as reflected by their scientific production in terms of publications as well as projects granted by external funding

Musculoskeletal imaging

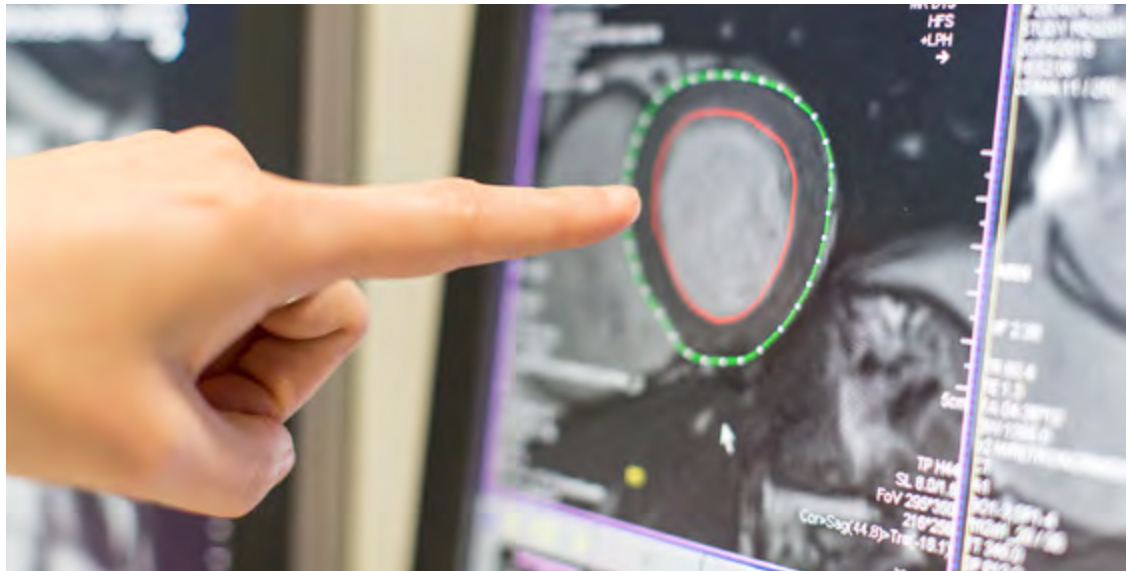
(Lead: Prof. Dr. F. Del Grande)

The group of radiologists dedicated to musculoskeletal imaging, are conducting monocentric as well as multicentric research projects, with the objective of improving image quality without prolonging the time of acquisition, with the help of artificial intelligence mediated approaches. Furthermore, the advanced technology of the Institute allows to test and use new technologies, developments and sequences aiming to a better understanding of different features of muscles, tendons, ligaments and nerves, such as (but not limited to) diffusion tensor imaging and dixon sequences.

Oncologic imaging

(Lead: Prof. Dr. S. Rizzo)

The group of radiologists dedicated to oncologic imaging are conducting several research projects with the aim of understanding how quantitative imaging of body composition is associated with clinically relevant outcomes in cancer patients. With this end, different approaches are under evaluation and are the core of many ongoing research projects, one of which funded by the Swiss Cancer League and dedicated to the effects of specific treatments in prostate cancer patients. Furthermore, the group is involved in national and international collaborations evaluating artificial intelligence mediated approaches (including machine learning and convolutional neural networks) for prognostication in different cancer settings.



Uro-genital Imaging

(Lead: Prof. Dr. R. Wyttenbach)

The radiologists dedicated to the urogenital diseases are involved in a multicentric project aiming to find an artificial intelligence-based way to detect prostate cancer with magnetic resonance imaging. Breast imaging (Lead: PD Dr. S. Schiaffino) The radiologists of the breast imaging team are involved in the research projects of the CSSI (Centro di Senologia della Svizzera Italiana) as well as in international multicenter studies. Part of the team is developing systematic reviews and meta-analyses in the high-risk breast lesions field.

Clinic of Nuclear Medicine

PET radiomics and predictive imaging of lymphomas

(Prof. Dr. L. Ceriani)

- Development and validation of new PET metrics, radiomic analysis and artificial Intelligence tools. Collaborations: IELSG, SAKK, IOR, IOSI, Amsterdam University Medical Centre, Federazione Italiana Linfomi, United Kingdom Cancer Research Institute.
- Integration of PET/CT data, biological and genomic features (i.e. liquid biopsy) using Radiomics, Genomics and Artificial Intelligence tools to model new diagnostic/prognostic approaches. Collaborations: IELSG, SAKK, IOR, IOSI, Amsterdam

University Medical Centre, Federazione Italiana Linfomi, United Kingdom Cancer Research Institute.

Theragnostics

(PD Dr. G. Paone)

- Research activities in theragnostic field for the Therapy working group of the Swiss Society of Nuclear Medicine (SGNM) particularly focused on prostate cancer and neuroendocrine tumors. Collaborations with Universitatsspital Bern, Novartis/AAA.
- Personalized dosimetry studies focused on selective internal radiotherapy with Y-90. Collaborations with Istituto Nazionale Tumori Milan, Boston Scientific and Mirada group.

Evidence-based nuclear medicine

(Prof. Dr. G. Treglia)

- Production of evidence-based documents (systematic reviews and meta-analyses) and guidelines on PET/CT. Collaborations: European Association of Nuclear Medicine, University of Lausanne, University of Brescia, University of Mashhad, Fondazione Policlinico A. Gemelli Rome, Candiolo Cancer Institute, Ospedali Galliera Genoa and University of Groningen.
- Research activities for the PET working group of the Swiss Society of Nuclear Medicine focused on the achievement of reimbursement for new PET indications.

Institute of Pediatrics of Southern Switzerland (IPSI)

Prof. Giacomo Simonetti, MD
Medical and Scientific Director

Surgical and medical pediatrics focuses on the health of neonates, infants, children, and adolescents, their growth and development, and their opportunity to achieve full potential as adults. Pediatric care encompasses a wide spectrum of health services ranging from preventive health care to the diagnosis and management of acute and chronic (often congenital) diseases. The Institute of Pediatrics of Southern Switzerland has a dedicated research unit, conducted by Prof. Dr. Simonetti, PD Dr. F. Vanoni, PD Dr. B. Goeggel Simonetti, PD Dr. M. Rizzi, Dr. L. Kottanattu, Dr. A. Stefani-Glücksberg and research coordinator A. Severi Conti. The pediatric research unit is included in the SwissPedNet, a Swiss based network that promotes pediatric clinical research in Switzerland.

The research unit is mainly oriented on clinical research in different fields of pediatrics: Cardiology, Infectious disease, Neuropediatrics, Nephrology, Nursing sciences, Oncology, Rheumatology and Pediatric Surgery.

The principal areas of research for each subspecialty are:

Cardiology-Nephrology

(Dr. C. Leoni-Foglia, Dr. A. Stefani-Glücksberg, Prof. Dr. M.G. Bianchetti and Prof. Dr. G.D. Simonetti)

Childhood hypertension, cardiovascular risk factors in the young, Kawasaki disease. We participate in the Swiss Pediatric Heart Cohort and the International Pediatric Brugada Registry. Prof. Simonetti collaborates in the HyperChildNet board, a COST Action of the

EU with the aim at improving awareness of childhood hypertension. Fluids homeostasis during general anesthesia, measured with the bioimpedance technique, was performed in collaboration with the pediatric anesthesia service and pediatric surgery.

General Pediatrics

(Prof. Dr. M. G. Bianchetti, Prof. Dr. G. D. Simonetti, PD Dr. F. Vanoni)

Systematic reviews of rare diseases, or rare complications of frequent pediatric diseases. A project on fever phobia among parents in collaboration with the institute of public health at USI in Lugano is ongoing. We are involved in the MenuCH-Kids study: this multicentric observational study, including randomly selected children from 6 to 17 years old living in six regions of Switzerland, will provide valuable information on the nutritional status of Swiss children.

Infectious disease

(Dr. L. Kottanattu)

We participated in a multicentric RCT on Pediatric Inflammatory Multisystem Syndrome Temporally associates with Sars CoV-2 (RECOVERY study). We are involved in several registries (MoCHIV, CITRUS) that analyze the prevalence of rare infectious diseases in childhood. We take part in the european research study ADEQUATE: a randomised controlled trial of Rapid Syndromic Diagnostic Testing for enhancing the quality of antibiotic prescribing for community acquired acute respiratory tract infection in Emergency Rooms in Europe. A



study on the seroprevalence of SARS-CoV-2 in pediatric patients in Ticino was conducted in collaboration with VIR Biontech. We participate in a randomized controlled non-inferiority trial of placebo versus macrolide antibiotics for *Mycoplasma pneumoniae* infection in children with community-acquired pneumonia.

Neuropediatrics

(PD Dr. B. Goeggel Simonetti, Prof. Dr. G. P. Ramelli)

In collaboration with SUPSI we promote a project on the early diagnosis of autism (Auto-Play-D). As members of national and international research consortiums we participate in studies on neurovascular diseases (stroke in childhood and young adults, IPSS, SNPSR, RCT PASTA Trial, intracranial dissection, pediatric FMD), epilepsy, autism spectrum disorders and cerebral palsy, inflammatory brain disease (Swiss-Ped-IBrainD), long-term follow-up of high-risk neonates (Swiss Neo Net), head trauma.

Onco-hematology

(PD Dr. M. Rizzi and Dr. P. Brazzola)

We are involved in 41 international studies (oncology protocols)/registry. We contribute

to a non-interventional study for treatment of patient with hemophilia A with and without inhibitors (EMIL, Roche).

Rheumatology

(PD Dr. F. Vanoni)

We participate in an international cohort rheumatology diseases registry. We strictly collaborate with the CHUV for the development of observational prospective and retrospective studies on treatment and outcome in inflammatory diseases.

Pediatric Surgery

(Dr. M. Mendoza, Dr. V. De Rosa and Dr. E. Montaruli)

Minimal invasive surgery, orthopedic and surgical trauma.

The main goal of the research unit is to promote high-quality pediatric clinical research in the Italian speaking part of Switzerland and to help young fellows and medical students of Swiss Universities to participate in clinical research in pediatrics. In the context of the Master medical school, we are also involved in 10 master thesis supervision and promotion of clinical research.

Institute of Pharmacological Sciences of Southern Switzerland (ISFSI)

Prof. Alessandro Ceschi, MD, MSc
Medical and Scientific Director

30

The Institute of Pharmacological Sciences of Southern Switzerland (ISFSI) includes the Division of Clinical Pharmacology and Toxicology - with the clinical services of the Pharmacogenomics and Pharmacogenetics Unit, the Regional Pharmacovigilance Centre, the Drug Centre, and a small Research Unit - and the Central Pharmacy Service - with the Hospital Pharmacy, Clinical Pharmacy, and Public Pharmacy. We advise other departments and healthcare professionals on safe drug use and promote the rational use of drugs. The final goal of our activities is to personalise drug therapy by optimising therapeutic effects while minimising adverse effects and costs.

In 2023, the ISFSI Research Unit and the Regional Pharmacovigilance Centre developed a project in collaboration with Dalle Molle Institute of Artificial Intelligence (IDSIA USI-SUPSI) aiming at applying Natural Language Processing (NLP) techniques in support of pharmacovigilance. The project, named "QUADRATIC: QQuality Adverse Drug Reaction AcTive Control", received funding from the Swiss National Science Foundation (SNSF) by the end of 2023 and will be conducted throughout 2024. Since 2016, the ISFSI Regional Pharmacovigilance Centre has been performing an active and continuous screening of EOC patients' electronic health records (EHRs) based on the search of keywords related to adverse drug reactions (ADRs). Although this system has contributed to the reduction of

under-reporting of unknown or unrecognized ADRs, the QUADRATIC project will exploit NLP techniques to improve the process of active pharmacovigilance thus providing reliable signals that EHRs might contain potential and reportable ADRs.

During 2023, the ISFSI Research Unit has been consolidating its expertise in the conduction of pharmacovigilance studies based on the use of disproportionality analysis as a statistical approach of data mining from the World Health Organization's global pharmacovigilance database, VigiBase®, which has gathered over 30 million spontaneous safety reports of suspected ADRs. As a member of the multinational working committee of the READUS PV project (<https://readus-statement.org/>), ISFSI Research Unit has contributed to the development of the first reporting guideline for studies using disproportionality analysis in spontaneous reporting systems. Currently, two original articles (the first on the development of the guideline and the second on its explanation and elaboration), have been submitted to a peer-reviewed scientific journal of reference in the field of drug safety.

ISFSI Research Unit has been applying disproportionality analysis in VigiBase® for several purposes:

Since 2021, on behalf of and in collaboration with Swissmedic, ISFSI Research Unit has been performing routine



disproportionality analyses searching for signals of disproportionate reporting for adverse events following immunization with COVID-19 mRNA vaccines (namely Spikevax® and Comirnaty®) in Switzerland. Similarly, disproportionality analyses are currently run in a pilot study commissioned to ISFSI Research Unit by Swissmedic to monitor the safety profile of a selected group of drugs of interest for which marketing authorisation holders are no longer legally required to submit periodic safety updates (PSURs) to the European and Swiss competent authorities. A preliminary finding concerned the active ingredient ribociclib for which a signal of disproportionate reporting was detected over the Swiss spontaneous safety reports in association with the adverse event “arthralgia”. The latter, albeit a labelled side effect for ribociclib in the American summary of

product characteristics, is not present in the Swiss drug label, which will consequently be updated.

In 2023, the ISFSI Research Unit conducted two studies in VigiBase® on drug safety in pregnancy by using disproportionality analyses. A pharmacovigilance study assessed the safety of calcitonin gene-related peptide antagonists (both monoclonal antibodies and small molecules - gepants) for the treatment of episodic and chronic migraine when used in pregnancy observing that to date there are no signals of increased reporting in relation to pregnancy compared to triptans. A second study aimed to provide a safety assessment of the use in pregnancy of monoclonal antibodies inhibiting proprotein convertase subtilisin/kexin type 9 (PCSK9) and reducing plasma levels of LDL-cholesterol. It showed that until

now there are no signals of disproportionate reporting for spontaneous abortion with monoclonal antibodies inhibiting PCSK9 compared to the full database and statins.

In addition to disproportionality analyses, VigiBase® served as data source in two observational cohort studies assessing the safety profile of immune checkpoint inhibitor (ICI) monoclonal antibodies. In a first study, the largest-to-date cohort of cancer patients treated with ICIs and reporting late-onset (occurred more than 3 months after discontinuation of ICI treatment) immune-related adverse events (irAEs) was described and determinants of reporting of late-onset irAEs were assessed. A second study compared the characteristics of fatal versus non-fatal spontaneous safety reports associated with ICIs aiming to identify factors leading to increased odds of reporting fatal outcomes (ongoing study).

In 2023, ISFSI's research activities expanded beyond VigiBase®. Into the Swiss Stroke Registry national web-based registry that includes patients admitted to Stroke Units/Centres across Switzerland since 2014, we performed an observational cohort study and showed that female sex increased the odds of a worse functional outcome of intravenous thrombolysis among patients with lacunar stroke. In another study, we queried the European EndoVascular treatment and Thrombolysis for Ischemic Stroke Patients (EVATRISP) registry to assess sex-specific impact of pre-stroke antiplatelet therapy on functional and safety outcomes of endovascular therapy in patients with acute ischemic stroke.

ISFSI is also an official sentinel centre of the European Drug Emergency Network Plus (Euro-DEN Plus) Project, which collects data on Emergency Department (ED) acute recreational drug presentations across Europe and neighbouring countries. The Euro-DEN Plus database provides a snapshot of the epidemiology of ED presentations related to acute recreational drug toxicity in Europe and gathers systematic and structured toxicology surveillance data relative to such events. Last year, we contributed to two studies from the Euro-DEN Plus database: a study evaluating the rate and the factors associated with self-discharge from ED among presentations for acute recreational drug toxicity, and a study characterizing the severity of ED presentations due to acute drug toxicity over a six-year period and stratified by patient sex.

In 2023, ISFSI Research Unit has been involved (as Principal Investigator) also in the conduction of a single-centre randomized, open label, parallel-arm, two-dose study to evaluate the safety and tolerability of oral administration of *Salvia haenkei* as dietary supplement ingredient in healthy subjects. Moreover, since *Salvia haenkei* was previously identified as a potential anti-senescence agent that may counteract aging and aging-associated disorders, the current study aimed also at exploring the effects of this supplementation on muscular and other organ functions and on systemic inflammation and metabolism.

[Click here](#) to see the ISFSI complete list of publications



Institute of Laboratory Medicine (EOLAB)

Dr. Franco Keller, PhD

Director

34

The Institute of Laboratory Medicine (EOLAB) was set up to meet the requirements of modern clinical laboratory medicine. EOLAB recognizes the importance of research into its activity to be continuously up-to-date and to offer the best service and collaboration to all medical departments. The EOLAB specialists are actively involved in several scientific society boards as well as nationally and international scientific society working groups. The collaboration between the Institute of Laboratory Medicine, the Clinical Trial Unit EOC, and ICT Division allowed during 2020 the creation of the EOC Biobank. The headquarters of the EOC Biobank is located inside the Microbiology Service EOLAB (SMIC). During 2023 EOLAB continuously collaborates with EOC Biobank providing infrastructure, logistic support and technical staff. In the 2023 EOLAB activated 9 new collaboration studies with a total of 32 collaborations in progress during 2023.

The Service of Microbiology (SMIC) contributes with its know-how and data to EOC internal projects as well as to external national and international projects. During 2023 microbiological examinations were pursued by HIV and HCV patients in the frame of national HIV and HCV cohort studies and national projects. Case reports on clinically significant cases with uncommon bacterial and fungal strains were published in collaboration with clinicians from EOC and colleagues of Swiss university hospitals. SMIC collaborated with INSI-EOC on a research project to establish a proven correlation between Hepatitis E viral

infections and neurological manifestation and to evaluate Hepatitis E virus (HEV) involvement in Guillain-Barré Syndrome. The project has been extended toward additional viral agents, which could be implicated as immune triggers in neuralgic amyotrophy. In collaboration with IPSI-EOC, EOLAB conducted the study ADEQUATE for the evaluation of the impact of rapid molecular diagnostics for respiratory pathogens on antibiotic prescription for respiratory tract infections in paediatric patients. The SMIC hosts the National Reference Laboratory for Legionella and contributes to national collaborations and international projects on the epidemiology and spread of Legionnaires' disease in Switzerland.

The Clinical Biochemistry and Pharmacology Laboratory (BFC) is involved in a European network for the harmonization of steroid hormone quantitation in mass spectrometry. Close collaboration with the pharmacology unit of the University of Turin and Amedeo di Savoia Hospital in Turin on pharmacology and pharmacogenomics fields.

EOLAB staff is also actively active in scientific working groups and experts roundtables in several national and international scientific societies.

[Click here](#) to see the EOLAB complete list of publications



Cantonal Institute of Pathology (ICP)

Prof. Luca Mazzucchelli, MD
Medical and Scientific Director

The “Istituto Cantonale di Patologia - EOC” (ICP) is actively involved in various research projects which aim to identify new methods to be introduced into routine diagnostics or to identify new markers that can be used both in prognosis and in predicting the efficacy of chemotherapeutic treatments: ICP research is essentially aimed at the molecular characterisation of diseases, mainly those in the field of oncology. IOSI/IOR are privileged research partners of the ICP, with particular emphasis on cancers of the gastrointestinal tract and thoracic cavity, hematolymphoid neoplasms and urogenital cancers. Currently, ICP participates in almost 50 clinical trials and collaborates with various Swiss and international pathology institutes.

36

Projects on cancer

Digital Pathology and Artificial Intelligence

(Prof. L. Mazzucchelli, Dr. V. Martin)

Digitalization of pathology offers new opportunities to improve clinical service but also to develop research projects. ICP-EOC is currently going through a gradual transition to digital pathology. In parallel, working groups have been formed in collaboration with Delle Molle Institute for artificial intelligence to develop new diagnostic algorithms but also artificial intelligence applications to exploit the data that will be produced. The potential is enormous and the ICP remains open and available for any project in collaboration with other EOC institutes/departments. Specifically,

the Institute is working on a project to efficiently reconstruct the histological cross-sections of large tumours that do not fit a single microscope slide and thus have to be split in multiple smaller fragments. This reconstruction process is currently performed by pathologists in an approximate manner. An AI-assisted tool would allow more accurate assessment of important parameters useful in patient management, such as the relationship of a tumor to resection margins or tumor regression in patients receiving neoadjuvant treatment. Such a tool has enormous potential in terms of the increased quality of anatomo-pathological diagnoses, saving time in issuing diagnoses, improving patient treatment, and standardizing important parameters evaluated in clinical trials. A grant application has recently been submitted to Innosuisse.

Analysis of circulating tumour DNA in patients with non-small cell lung cancer (NSCLC) undergoing immunotherapy with checkpoint inhibitors

(Dr. M. Frattini)

For patients with metastatic lung cancer and a high expression of the immuno-oncological marker PD-L1, therapy with the immune checkpoint inhibitor pembrolizumab or atezolizumab is the standard therapy. Recent phase II clinical trials and interim analysis from phase III trials have demonstrated a great benefit from the addition of tiragolumab (another checkpoint inhibitor) to atezolizumab in patients characterized by PD-L1 expression >50%. Today, the



response of these patients to therapy is checked every 9-12 weeks using computer tomography. This means that in a substantial proportion of patients, tumour progression is only detected when the general condition is worst and further tumour therapy is no longer possible. Recent data seem to indicate that a quantitative decrease in the analysis of DNA in plasma (ctDNA) correlates with the response to immunotherapy. The aim of the study is to use the quantitative progression of ctDNA to optimise the therapy. Patients with an early clearance in ctDNA (>90%) compared to the initial level will continue with immunotherapy with the combination of atezolizumab and tiragolumab checkpoint inhibitors. Patients without a corresponding drop in ctDNA will be randomly assigned to one of two treatment groups: either they will also be further treated with atezolizumab+tiragolumab alone or they will receive platinum-based chemotherapy in addition to the combination of checkpoint

inhibitors. With this study, we want to investigate whether early intensification of therapy in patients with insufficient drop in ctDNA after 2 cycles of immunotherapy may lead to a better prognosis and we want to investigate whether ctDNA measurement is a suitable biomarker for risk stratification and therapy adjustment. This is a study co-directed with IOSI-EOC (Dr. P. Froesch), more than 10 Swiss centres (through SAKK involvement) and more than 10 European centres. The trial has received the financial support of OncoSuisse/Krebsliga and will receive some funds from Roche.

Sensitive diagnosis, prognosis and treatment planning on open platform of glioma brain tumours
(Dr. M. Frattini)

Brain tumors are one of the most aggressive and common cancers. About 28% of brain tumors are gliomas; glioblastoma

(GBM) subtype is found in 17% out of this group. The classification and the treatment of gliomas is strictly correlated to the evaluation of several molecular markers (i.e. mutations in IDH1, IDH2, hTERT, H3F3A, HIST1H3B genes; MGMT (O6-methylguanine DNA methyltransferase) promoter methylation). The genetic status of IDH1, IDH2, H3F3A and HIST1H3B is fundamental for a proper classification of the tumor; MGMT promoter methylation status has clinical relevance because patients with hypermethylation benefit more from the combination of chemo (based on temozolomide) and radiotherapy; finally, TERT promoter genetic status is linked to adverse prognosis and to diagnosis of oligodendroglioma or glioblastoma. Nowadays, the available molecular assays are essentially made on tissue samples and suffer from method variation, low sensitivity and technical barriers. On these bases, the main purpose of our project is to improve these analyses providing a new, more sensitive and faster real-time PCR based methodology in collaboration with PentaBase ApS, a Danish company with which we have excellent collaborative relationships from years. In collaboration with INSI-EOC and IOSI-EOC, liquid biopsies will be collected from patients affected by gliomas and evaluated with the newly developed assays.

Personalized cancer monitoring

(Dr. M. Frattini)

Monitoring of cancer progression is mainly done by bi-monthly imaging of the tumor. Cancer patients can be better treated if their cancers are monitored closely. PCR-based genetic analysis of cancer specific mutations is a fast, inexpensive alternative. However, this method is only available for patients carrying typical (hotspot) mutations in a few cancers. Using simple blood samples, we will enable sensitive and inexpensive monitoring of all cancers for true personalized treatments. Based on next generation sequencing (NGS) data from the clinics from the solid, diagnostic biopsy, in collaboration with a Danish company we will design, manufacture and validate tumor- and patient specific, real-time PCR-based

monitoring and ctDNA purification assays for blood samples. We will sell at least twenty assays per patient to the clinic, allowing for bi-weekly monitoring and early response to resistance acquisition of tumors.

Investigation of the role played by HLA typing and PD-L1 polymorphisms on the efficacy of first-line immune checkpoint inhibitors in non-small cell lung cancer patients with PD-L1 overexpression (TPS \geq 50%): a retrospective study

(Dr. M. Frattini)

Immune checkpoint inhibitors (ICI) are a well-established first-line treatment for patients characterized by a PD-L1 TPS (tumor proportion score) \geq 50% and without alterations in the following targetable molecular markers: EGFR, ALK, ROS1, RET. The evaluation of a PD-L1 expression \geq 50% and the absence of mutations in the aforementioned oncogenic drivers are two essential conditions for the treatment with ICIs. However, in a non-negligible portion of patients, these features alone could not be enough for the prediction of a durable good response to this treatment. The aim of the proposal is to investigate how intrinsic or acquired genetic characteristics could influence response to immunotherapies in advanced NSCLC. In particular, the focus will be on the influence of HLA and PD-L1 genes polymorphisms and of KRAS mutations on the response to ICIs. Patients, under the supervision of co-applicant Dr. P. Froesch (IOSI-EOC), will be enrolled at IOSI and at the Kantonsspital Graubünden of Chur, and to speed-up the recruitment also in two Italian centers with which there is a long and fruitful collaboration (Ospedale Nuovo, Legnano, Milan, Italy; and Humanitas Hospital, Catania, Italy). The project received partial financial support from Fondazione Ticinese contro il Cancro.

[Click here](#) to see the ICP complete list of publications



Department of Medicine EOC

Prof. Pietro Cippà, MD

Head of Department

The Department of Medicine EOC supports and promotes translational and clinical research in several areas related to internal medicine. The research activity of the different units is coordinated by the Local Research Unit (LRU) of the Department of Medicine EOC. We report here the most relevant clinical research projects of the year. The work on translational research performed by the Hepatology (Prof. Dr. A. De Gottardi) and the Nephrology (Prof. Dr. P. Cippà) groups is included in the section dedicated to the Laboratory of Translational Research EOC.

General internal medicine

(Dr. B. Balestra, Prof. Dr. L. Gabutti, PD Dr. O. Giannini, Prof. Dr. A. Oagna, Prof. Dr. M. Pons)

Appropriateness of care, inspired by the Smarter Medicine campaign, involving in particular medication and laboratory test prescriptions, is among the research lines of Prof. L. Gabutti. His group is also working on salt consumption (Swiss Salt Study II), circadian rhythm of protein catabolism and urinary excretion of electrolytes, arterial stiffness, and cardiovascular consequences of air and heavy metal pollution. Arteriosclerosis (CATCH study, Prof. Dr. A. Gallino) and cardiovascular risk factors, including studies on discontinuing statins in multimorbid older adults without cardiovascular disease (STREAM and STREAM-SubATS) is another topic of interest. Dr. M. Bedulli's work is focused on ethical aspects of medicine: among other projects, he explores the use of DNAR (Do Not Attempt Reanimation) orders and

decisions regarding CPR (cardiopulmonary resuscitation). Obstacles to patient inclusion in CPR/DNAR decisions and challenging conversations (Dr. M. Bedulli et al.) is a qualitative study aimed to explore the main clinical practice of internal medicine physicians in CPR/DNAR decision-making in the hospitals of Ticino. PD Dr. O. Giannini, in collaboration with Humabs BioMed SA, has initiated an observational cohort study to investigate patients with *S. aureus* infections. This study aims to identify antibodies that are effective against *S. aureus* and potentially cross-react with other bacteria like Staphylococci, Streptococci, and Enterococci. Additionally, it seeks to analyze both humoral and cellular immune responses to *S. aureus* and other Gram-positive bacteria, correlating these findings with the clinical characteristics of the patients.

Infectious diseases

(Prof. Dr. E. Bernasconi)

We continue to actively contribute to the Swiss HIV Cohort Study (SHCS) (www.shcs.ch), one of the world's largest epidemiological and clinical studies in the field of HIV. In this framework we are participating to a controlled study involving patients on a boosted PI regimen and heavily pretreated with several antiretroviral classes (switch to bictegravir/TAF/FTC + doravirine vs. continuation of the baseline treatment). In the next few months, we anticipate the publication of the results from the collaborative study with the IRB aiming to evaluate and characterize autoantibodies targeting cell trafficking in HIV-1 infection.



International studies with the participation of our center are testing the antiretroviral dual therapy islatravir/doravirine with a reduced islatravir dosis of 0.25 mg, to minimize the risk of lymphocytopenia observed in some patients at the higher dosis (0.75 mg) administered in previous studies. Our group remains involved in the OCTOPLUS study, a randomized multi-center controlled trial comparing conventional X ray, low-dose computer tomography and lung sonography in the diagnostic accuracy in patients with pneumonia, that has been prolonged until mid 2025. In the wake of the COMPASS study, we developed a new antibiotic stewardship intervention aiming to reduce the carbapenem use in hospitals. Every prescription of a carbapenem over 3 days is followed by an automated alert in our electronic health records combined with the request of a compulsory consultation by an infectious disease specialist.

Nephrology

(Prof. Dr. P. Cippà)

Our group promotes research projects in different areas of clinical nephrology. We apply artificial intelligence to predict acute kidney injury in hospitalized patients (Dr. A. Bellasi, Dr. L. Ruinelli) and to translate the power of single cell transcriptomics for a better understanding of the mechanisms of kidney fibrosis (Dr. A. Rinaldi). Dr. Bellasi further developed his research line in the field of chronic kidney disease with new projects on the cardiovascular effects of FGF23 and on secondary hyperparathyroidism as well as the clinical impact and use of parathyroidectomy. We continue our research aiming at the prediction of complications in peritoneal dialysis patients (Dr. Bellasi, Dr. Z. Benci, Dr. P. Piaruli). We pursue several projects on hemodialysis: we participated to

international studies on vascular access monitoring and on uremic pruritus and we developed computational models to anticipate complications and personalize hemodialysis prescriptions in the context of the InterACTIVE-HD2.0 study (Dr. A. Bellasi, Dr. D. Giunzioni, Dr. S. Pianca). Lastly, we joined an industry driven project aimed at testing the safety and effectiveness of finerenone a recently launched drug that has shown promise in retarding chronic kidney disease progression in diabetic patients.

Gastroenterology and Hepatology (Prof. Dr. A. De Gottardi)

Predictive models in patients with advanced chronic liver disease are being developed to identify trajectories of movement, heart rate, and cognitive functions, as assessed by using wearable devices, to detect behavioural changes that occur before events of evert

clinical decompensation. This work is conducted in collaboration with Dr. A. Puiatti at SUPSI (Dr. A. Galante, Dr. D. Pizzagalli). We are including patients in two international randomized controlled trials to test the efficacy of new molecules to treat portal hypertension. In particular, the new combination of dapaglifozin, an antidiabetic drug, with zibitentan, an endothelia receptor antagonist, has provided encouraging preliminary results. In collaboration with Prof. M. Caiata at SUPSI we are conducting a study on the quality of life of patients living with vascular liver diseases and their social impact.

Pneumology (Dr. M. Bernasconi)

Night-time sleep disordered breathing linked to chronic kidney disease, and non-invasive high-frequency ventilation applied to radiotherapy and radiological diagnostics are among the



main research interests of Prof. Dr. A. Ognà. The research of Prof. M. Pons is focused on obstructive and central sleep apnea in patients with ischemic stroke. Research on dyspnoea management and palliative care for patients with advanced chronic obstructive pulmonary disease is ongoing in collaboration with the Palliative and Supportive Care Clinic of IOSI-EOC, CHUV and HUG (PD Dr. T. Fusi-Schmidhauser). Moreover, EOC contributes to the Swiss Severe Asthma Registry (Dr. P. Gianella). Dr. A. Casutt is co-investigator of the PneumoLaus cohort in Lausanne, which analyses the relationship between respiratory, cardiovascular and psychiatric diseases. His further research areas are on the management of lung cancer and immunosuppressed patients. A collaboration with the Institute for Research in Biomedicine is analysing the immunomodulatory response of alveolar lymphocytes to a bacterial lysate (Dr. M. Bernasconi).

Endocrinology

(Prof. Dr. P. Trimboli)

During 2023, thyroid disorders have represented the main research field of EOC Clinic for Endocrinology and Diabetology. This activity resulted in the publication of several papers in international journals, also in collaboration with other institutions. In particular, a number of studies was published about 1) performance of different levothyroxine formulations, 2) thyroid nodule diagnostic assessment, 3) thyroid dysfunction, 4) management of difficult hypoparathyroidism, 5) treatment of parathyroid adenoma by radiofrequency. In addition, studies have been started in the field of diabetes, diabetes-related consequences, and technology applied in diabetes. A further study shared with INSI-EOC is currently ongoing and the results have been submitted for publication. Overall, the services of endocrinology co-worked with EOC nuclear medicine, neurology, radiology and interventional radiology, and laboratory department.

Dermatology

(PD Dr. H. Beltraminelli)

PD Dr. C. Mangas is mostly active in the field of melanoma and skin cancer. In collaboration with research unit from IOSI, she is a first investigator in three

international and multicentric clinical studies in adjuvant, neoadjuvant and metastatic setting. Moreover, we have started a study to analyze the impact of dermatological toxicity in cancer patients. PD Dr. H. Beltraminelli participated to some national and international studies (melanocytic lesions and skin lymphoma) and is involved in humanitarian projects (GLODERM.org), especially, he coordinates a project aiming at the development of dermatopathology in Sub-Saharan Africa. Dr. I. Terrani is working on isotretinoin therapy. Dr. M. Bergmann is active in the field of food and drug allergies in children. He is part of two expert commissions preparing specific recommendations for Swiss pediatrician on allergy prevention and Oral Immunotherapy (OIT) for food allergies, respectively. Dr. G. Mancuso was involved as sub-investigator in the phase II trial VITALISScE in the treatment of early progressive diffuse cutaneous systemic sclerosis, in the phase II study of AMG 570 in subjects with active SLE and in the TWINSS study a phase II trial in Sjogren's Syndrome.

Clinical Nutrition

(Dr. N. Ossola)

Dr. N. Ossola and Dr. M. Quarenghi are involved in the e-swissHPN (eHealth Care for Patients on Home Parenteral Nutrition), in collaboration with the University of Bern. The goal of the project is to evaluate the quality and effectiveness of videoconference consultations with patients on home parenteral nutrition. Dr. N. Ossola, Dr. M. Quarenghi and many dietitians are involved in a project with the IOSI-EOC (Mediterranean/low lipid diet combined with a physical activity program for patients with prostate cancer). A. Giana, dietitian, is involved in the study MenuCH Kids, a national nutrition survey in children and adolescents.

Laboratory Research

[See chapter III on the Laboratories for Translational Research.](#)

Department of Surgery EOC

Prof. Pietro Majno-Hurst, MD
Head of Department

Orthopaedics and Traumatology

(Prof. Dr. C. Candrian, Prof. Dr. G. Filardo,
PD Dr. M. Delcogliano et al.)

The Orthopaedics and Traumatology Clinical Research Team is a well-established and growing reality in the EOC research panorama, bringing EOC research impact to national and international level. Aiming at improving the current knowledge as well as the treatment strategies in the field of orthopaedics and traumatology, the Clinical Research Team of the Orthopaedic and Traumatology Service directed by Prof. Dr. C. Candrian is currently conducting innovative high-level clinical trials to increase the strength of the current knowledge and explore new promising topics. Starting from both systematic reviews and meta-analyses, the team explores and synthesises the existing literature and provides evidence for the musculoskeletal field, which is further promoted by the new planned trials. With several publications on peer-reviewed impacted journals in 2023, including randomized controlled trials, and the participation in national and international multi-centre studies that involve some of the most important research centres in Europe, the Orthopaedic and Traumatology Service has obtained a considerable visibility in the orthopaedic and traumatology research scenario, with numerous posters and podium presentations at national and international congresses. The research activity reflects the division of the clinical practice in 5 teams: team shoulder and

elbow, team hand, team hip, team knee, and team foot and ankle. The individual expertise of each team and the collaboration between them allows to explore emerging topics not only with a strictly specialized but also with a multidisciplinary perspective, under the guidance and coordination of an international leading expert in the field of orthopaedics and traumatology research Prof. Dr. G. Filardo, PhD, MBA. The research group and the Orthopaedics and Traumatology Service also offer an opportunity to all residents as well as the students from USI to move their first steps or deepening their knowledge in the field of orthopaedics and traumatology, and the high research level was strengthened by the introduction of a PhD program with USI on musculoskeletal research, which will train the PhD orthopaedic residents with a program competitive on a global scale. The quality achieved was recently recognized by the obtainment of the ranking A1 as orthopaedics and traumatology training centre by the Swiss FMH in 2023.

Visceral Surgery Colorectal surgery

(Prof. Dr. D. Christoforidis, Dr. S. Popeskou,
PD Dr. F. Mongelli et al.)

In 2023, our research activity continued in the same lines of the past years, in both clinical and translational research. The group studied pain control after colectomy with a randomized trial and a meta-analysis on laparoscopic TAP block; it also completed a study on oncological



outcomes in octogenarians after colectomy. In proctology, in collaboration with the MeDiTech Institute of SUPSI, we launched the development of a new medical device for the treatment of hemorrhoids for which a patent will soon be filed. The team pursues international collaborations with the APOLLO study, the REACCT, COVIDSurg, GlobalSurg groups, and the International Watch & Wait Registry (IWWR) for rectal cancer. On a national level, after completion of our study on acute uncomplicated diverticulitis with a 10-year follow-up, there is a plan to launch a multicenter trial on a new classification-based treatment algorithm. In translational research, the collaborative research with the laboratory led by Prof. Dr. G. Iezzi focuses on anastomotic leakage (MicrobAL project): the patient's microbiome and clinical factors are analyzed and correlated to the occurrence of this feared complication. The goal is to develop preventive strategies by pre-operative microbiome modulation. This research project will be further developed through a collaboration with the surgery department at the CHUV next year.

46

Bariatric surgery

(Dr. M. Marengo, Dr. F. Garofalo, Dr. F. Volonté, PD Dr. F. Mongelli)

In 2023, the research focused on various aspects of bariatric surgery, including revisional and conversional procedures, post-operative pathway optimization, advanced surgical techniques, and multidisciplinary assessments. Collaborating with bariatric centers in Switzerland, the group published several papers and is currently enrolling patients for the SLIM Trial, comparing long and short alimentary limbs in Roux-en-Y gastric bypass. Other studies were published regarding the role of indocyanine-green fluorescence in revisional and conversional surgery. Future research will focus on cost analysis in primary bariatric surgery and robotics as well as on the multidisciplinary approach to treat obesity.

Robotic visceral surgery

(PD Dr. D. La Regina, Dr. R. Pini, PD Dr. F. Mongelli)

The Bellinzona and Valli Regional Hospital is actively conducting various clinical studies

in the innovative field of robotic surgery. The recent publications have focused on robotic-assisted abdominal wall surgery, with past and current prospective and retrospective studies. Looking ahead to 2024, the research will emphasize standardized postoperative pathways after robotic surgery, exploration of new techniques, economic assessments, and a comprehensive investigation into the long-term incidence of incisional hernias arising from robotic surgery.

Hepato-pancreatico-biliary surgery

(Dr. A. Cristaudi, Dr. R. Roesel, Dr. L. Bernardi, Prof. Dr. P. Majno-Hurst, et al.)

The focus of research has been the robotic approach in hepatobiliary surgery, studying the surgical outcomes with a meta-analysis comparing the robotic and the open approach for pancreatic enucleations and reporting the experience in liver resections in collaboration with the University of Pisa. In collaboration with the surgical team from Pisa the learning curve of the robotic approach in a parallel laparoscopic and robotic learning setting was investigated and the paper accepted for publication. From the oncologic point of view, the group published a meta-analysis on neoadjuvant treatment in resectable pancreatic cancers and a review of literature pointing on the advantages of neoadjuvant chemotherapy in upfront resectable colorectal liver metastases. Two multicentric randomized controlled studies are ongoing (Bi-Le trial and NutriWhi) and will be completed by the end of the year 2024.

Vascular Surgery and Angiology

(Dr. L. Giovannacci, Dr. G. Prouse, Dr. A. Robaldo, Dr. A. Ruffino, PD Dr. J. Van den Berg, PD Dr. H. Stricker, Dr. R. Canevascini)

The core vascular research focuses on refining hemodynamic computational models through collaboration with bioengineers. These models play a pivotal role in predicting critical hemodynamics in anatomical and physiological scenarios beyond conventional testing. Having successfully tested and improved models in arterio-venous fistulas, the attention now shifted to developing systems for evaluating these models in complex

endovascular aortic reconstructions. This area, while increasingly prevalent, lacks sufficient information on long-term durability, prompting our dedicated investigation. The commitment to quality control is underscored by the initiation of two prospective multicenter studies. The first addresses concerns about the large variability of abdominal aortic aneurysm treatment across different centers. The group is launching a Swiss multicenter study to evaluate the impact of applying quality parameters in vascular multidisciplinary meetings at three different centers. The objective is to assess whether these parameters can reduce the observed variability in treatment strategies for aortic aneurysms. The second study is a Swiss multicenter prospective study that aims to assess the effectiveness of routine recording of intraoperative adverse events according to ClassIntra® classification, intended to increase the quality of treatment in the highly complex perioperative environment. In the field of vascular clinical research, the team participated in a multicenter study to determine the outcomes after endovascular and open surgical treatment of popliteal aneurysms. It also extended the follow-up of all treated aortic aneurysms since 2012 and

conducted a study to find a more accurate combined scoring system that may help predict long-term survival, to determine which patients will benefit from the different treatments. This is currently a hot topic since the availability of increasingly complex and expensive solutions is pushing the limits in the treatment of all patients with aortic aneurysms. In the field of advanced endovascular techniques, the focus was on establishing standards for the covered endovascular reconstruction of the aortic bifurcation (CERAB) technique. This addresses extensive aorto-iliac occlusive disease in patients unsuitable for open surgical reconstruction.

Plastic, Reconstructive & Aesthetic Surgery

(Prof. Dr. Y. Harder, Prof. Dr. D. Schmauss et al.)

Projects in clinical research: The clinical research done in the department continues to focus on the assessment of efficacy, safety and outcome of different reconstructive procedures after breast cancer surgery. The various collaborative projects, reported in last year's scientific report, are ongoing. The study assessing advantages and disadvantages of



pre- and subpectoral implant-based breast reconstruction in a randomized multicentric study funded by SNSF/SAKK (collaboration with Prof. Dr. W. Weber, University Hospital Basel) has finished the recruitment of patients and is in phase of follow-up; The multicentric observational cohort study on immediate breast reconstruction following mastectomy (IRMA: collaboration with Dr. B. Lipp-von Wattenwyl; CSSI, EOC); and the rate of ischemia-associated delayed wound healing or skin necrosis after repetitive local heat preconditioning of the skin in reduction mammoplasty (collaboration with Prof. Dr. H.G. Machens, Munich) are ongoing as well. In a further collaboration with IMSI (PD Dr. S. Schiaffino, CSSI, EOC), there is an ongoing study on the benefits of autologous fat grafting in hybrid breast reconstruction (i.e. repetitive use of autologous fat grafting in implant-based fat grafting) by clinical and radiological means. As mentioned in the scientific report 2022, the study regarding patient satisfaction after oncoplastic breast surgery (OPBS) in correlation with tumour volume and breast size is ongoing. The hypothesis is that overall patient satisfaction is higher after receiving oncoplastic breast surgery (i.e. intraglandular breast tissue remodelling) in combination with adjuvant radiation therapy than after simple tumorectomy and irradiation. Furthermore, the team is investigating the benefits of tranexamic acid in different standard procedures in plastic surgery, such as reduction mammoplasties, abdominoplasties but also in oncological surgery, i.e. mastectomies, to reduce draining times of surgical wounds and eventually hospital stay. The recruitment of patients has finished with promising data that will be published in 2024. In a more “historical and political” project, the Unit sent a nation-wide survey asking the different hospitals and private clinics about their microvascular activity and its evolution in the last two decades, which disclosed a comprehensive offer of microvascular reconstructions spread over the whole country. Furthermore, the Unit (Prof. Dr. Y. Harder) participates in a study (in collaboration with the University Hospital Basel) that compares surgical versus conservative complex physical decongestion therapy for chronic breast cancer-related lymphedema.

Projects in basic research: Dr. E. Limido is finishing his research fellowship (MD-PhD) at the Institute for Clinical & Experimental Surgery of the Saarland University, Homburg/Saar in Germany (Prof. Dr. Laschke) with a highly valuable collaboration on projects, assessing the effect of autologous nanofat grafting on healing of complicated wounds and/or irradiated soft tissues in a rodent model. Dr. F. Bonomi will follow Dr. Limido and has already began her research fellowship (MD-PhD) in Homburg, in order to continue the basic research project and the collaboration with our department. Prof. Schmauss is collaborating with the Department of Plastic Surgery and Hand Surgery of the Technical University Munich on an experimental in vivo burn project in rodents.

Thoracic Surgery

(Prof. Dr. S. Cafarotti, PD Dr. M. Patella et al.)

In 2023 the Thoracic Surgery staff has been involved in the construction of two main projects that will provide results in the next year. Internally, a pilot study, on the base of national and international evidences, on Lung Cancer Screening Program in Ticino. This is a project founded by EOC in collaboration with the Department of Radiology (IIMSI), IOSI, AFRi, Public Health Institute and Faculty of Medicine USI. The aim is to implement international approved criteria to the local population to verify process and resources. The second project is a prospective multicenter clinical trial involving several centers in Switzerland on surgical resection of stage IV lung cancer after induction treatment. This is a randomized trial to evaluate the efficacy of multimodality treatments in patients who are classically assigned to systemic therapy only. This trial may have an impact on current clinical practice.

Urology

(Prof. Dr. A. Gallina, Prof. Dr. N. Fossati)

The Urology department is actively involved in the field of uro-oncology clinical research. In particular, it contributes to an ongoing clinical trial including patients affected by prostate cancer. It is a prospective trial evaluating the diagnostic accuracy of

novel tracers for pre-operative staging with PET/CT scan in men affected by high-risk prostate cancer and candidate for radical prostatectomy plus pelvic lymph node dissection. Furthermore, the Urology department contributes to ambitious translational projects, in collaboration with the laboratories of the Istituto Oncologico di Ricerca (IOR). In particular, in one study fresh tissue from the specimen of radical prostatectomy is processed and evaluated to study the relationship between prostate cancer cells and immune cells. In a second study, the relationship between urological cancers and microplastics levels in blood and urine is evaluated. Finally, the Urology department re-activated the functional unit, including the neuro-urology clinic, that will contribute with new scientific projects on chronic pelvic pain and pudendal neuropathy, in collaboration with INSI-EOC.

Otorhinolaryngology

(Prof. Dr. M. Trimarchi, KD Dr. R. Spasiano, Dr F. Barucca, Dr E Jacot)

The Otorhinolaryngology research activity reflects the division of the clinical practice in 4 topics: otology, rhinology, laryngology and oncology and neck. The otology group has a close multi-year collaboration with the EOC Neuroradiology service, for the benefit of a more precise diagnostic accuracy and a more efficient therapeutic planning, has launched with it a study on high resolution radiological imaging of the ear with flat panel CT technique, aimed at validating its standardized use in the planning of functional otologic surgery. We are also studying the clinical-radiological correlations in Menière's syndrome, a disabling disease of the auditory and vestibular apparatus with magnetic resonance imaging including hydrops protocol, through a retrospective analysis of a series of cases, among the largest in Europe. We are running another study on patients suffering from sudden idiopathic sensorineural deafness, and we are a reference center in the cantonal territory since 2017. Regarding rhinology we have a collaboration with Department of Aerospace Sciences and Technologies, Politecnico di Milano, and we are studying the effect of nasal surgery with computational fluid dynamics. In the same

field we have started a collaboration with the INSI-EOC on Obstructive Sleep Apnea Syndrome and we are evaluating the results of therapies with sleep endoscopies. We have a collaboration with University Vita Salute Milan on hypereosinophilia during dupilumab treatment in patients with nasal polyposis and we take part to an international project on biologic therapies. We are outlining guidelines for the surgical treatment of patients with cocaine-induced midline destruction lesions with an international collaboration. In laryngology there is a collaboration with INSI-EOC in the treatment of patients with botulinum toxin injections for adductor spasmodic dysphonia. In oncology we are developing with IOSI a common database on Head and Neck cancer to evaluate our results. Finally, a further project concerns abscesses of the deep head and neck districts, an emerging condition following the Covid pandemic, in order to offer an overview of optimal diagnostic and therapeutic management, based fundamentally on timely case management and close multidisciplinary collaboration with the Infectious Disease, Intensive Care and Radiology services.

Laboratory Research

[See chapter III on the Laboratories for Translational Research.](#)

Department of Gynecology and Obstetrics EOC

Prof. Andrea Papadia, MD, PhD
Head of Department

The Department of Gynecology and Obstetrics EOC is part of an international scientific network involving other Swiss and European Universities and Hospitals. Since its foundation in 2019, the Department of Gynecology and Obstetrics has progressively implemented its scientific profile. In few years the output of peer-reviewed original manuscripts has increased to achieve an output with approximately 30 peer-reviewed manuscripts per year. The Department of Gynecology and Obstetrics has several active trials. These include clinical basic and translational research lines.

In cooperation with the IOSI-EOC and the IOR, the Ospedale Regionale di Lugano is collecting biological samples in order to define an immune and microbiota signature of breast and ovarian cancer patients. For this purpose, not only oncological patients are involved. Cord blood samples from over 300 healthy pregnant women who delivered at the Ospedale Regionale di Lugano were collected and processed at the Cancer Immunotherapy lab of the IOR. The recruitment is under voluntary donation and it is currently offered to every patient who delivers or undergoes surgery for breast/ovarian cancer.

Prof. Dr. Andrea Papadia is currently leading an international network in Gynecologic Oncology involving multiple international Universities, focused on the role of sentinel lymph node in Endometrial Cancer, being a pioneer in the research in this field since many years ago. In 2023, several international registries involving endometrial, cervix, ovarian, and vulvar cancer have been

successfully concluded and data are under evaluation.

In early 2023, a multidisciplinary Research Board in Senology coordinated by Prof. Dr. Maria Luisa Gasparri was generated. Since the creation of this board, several international clinical trials were activated and the consequent accrual rate in clinical trials of patients undergoing breast cancer surgery in our center has risen from 5% in 2022 to the current 75% in 2023.

Prof. Dr. Maria Luisa Gasparri is the Principal Investigator of several active clinical trials in breast cancer surgery, most of which endorsed by EUBREAST, OPBC and SAKK and involving more than 1000 patients each. She is the promoter and/or head of the national steering committee of most of them.

PD Dr. Andrea Braga gives a significant contribution in the research field of urogynecology with the publication of several papers on this topic. He actively collaborates with an European network of experts in this field and in 2023 he became member of the Scientific Committee of the Swiss Society of Urogynecology.

Dr. Christian Polli is partner/representative collaborator of two registries, one on endometriosis and the other on HIV during pregnancy. Dr. Claudia Canonica and Dr. Alessandro Santi are partner/representative collaborators of a multicenter prospective study on sexual abuse and infertility, respectively.



Department of Anesthesiology, Emergency and Intensive Care Medicine EOC

Prof. Paolo Merlani, MD
Head of Department

52

The Department of Anesthesiology, Emergency and Intensive Care Medicine of the Ente Ospedaliero Cantonale (DAEICM-EOC) is a functional Department. Each of the four public hospitals of the EOC has his own DAEICM. The four local DAEICMs make up the DAEICM-EOC. A local Director heads each local DAEICM. The DAEICM-EOC coordinates and facilitates the integration and the collaboration among the four local DAEICMs for patients' care, for research purposes and for didactic activities. Furthermore, the DAEICM-EOC is responsible for the didactic module "Critical Care" for the Medical Master School of the Università della Svizzera italiana (USI). Moreover, it supports medical students for their master's and doctoral thesis. In 2023 the DAEICM-EOC organized the second international Symposium on "Acute Care". In 2022 a Local Research Unit (LRU) for the DAEICM-EOC has been established, headed by an attending physician of the Department. The main purpose of the LRU is to support researchers from study conception to manuscript submission in peer review journals. Each specialties and each hospitals manage their own research projects as both monocentric and multicentric trials in collaboration with other Swiss and foreign research centers. One of

the aims of the LRU of the DAEICM-EOC is to support common projects among the different Specialties of the Department and especially regarding the transition of care (interdisciplinary and interprofessional projects).

Different topics are currently investigated by the DAEICM-EOC, and thereafter we mention the most relevant:

- Usefulness of Point of Care Ultrasound in different clinical settings, especially in Anesthesiology and Critical Care Medicine
- Cost-effectiveness analysis for selected anesthesiological practices
- Perioperative transfusion's strategies and their economic impact
- Use of different analgesic regimen and procedures in the post-operative setting
- Treatment strategies for chronic pain syndromes in outpatients
- Impact of COVID-19 pandemic on the occurrence of different nosocomial complications (infections, hemorrhage,..) in critical care patients
- Best care practices for mild traumatic brain injury in the Emergency Department
- Impact of virtual reality on preoperative fears
- Resilience of caregivers in the acute care setting



Different projects are working in progress. Here a selection of the most promising: optimization of the time to transfer for patients from the Emergency Department to the ICU and identification of barriers; use of artificial intelligence and machine learning techniques for the early identification of

nosocomial infections; strategies to improve communication's skills of Emergency Department doctors; impact of delayed transfer of patients from the ward to the ICU. Assessment of inspiratory effort in intubated and mechanically ventilated patients.

Chapter II



Other EOC Services



Rehabilitation Clinic EOC (CREOC)

Nicola Schiavone, MD

Medical Director

The Rehabilitation Clinic of the Cantonal Hospital (CREOC) takes care of rehabilitation of patients who need to improve the quality of their life. To reach this goal, clinicians apply the biopsychosocial model, approaching the recovery of biological factors (genetic, biochemical, etc.), psychological factors (mood, personality, behavior, etc.) and social factors (cultural, family, socioeconomic, etc.) of the person. Above all, rehabilitation goal is relieving pain, improving the movement of the limbs, recovering strength, improving breathing capacity, and general reconditioning of the person. CREOC, together with the Hildebrand Clinic, is part of REHA TICINO, the network to which the Canton has entrusted the inpatient rehabilitation. In addition to inpatient rehabilitation, CREOC also offers rehabilitation services in any EOC hospital locations for all patients admitted to the hospitals themselves and for outpatient who require care. Inpatient rehabilitation services are offered in Faido and in Novaggio: both Clinics have a musculoskeletal, internal medicine-oncology and pneumology rehabilitation. Furthermore, for the care of more fragile and advanced age patients, CREOC has also developed a concept for taking care of geriatric patients. For years, the care of stationary patients has included various diagnostic-therapeutic-assistance (PDTA) rehabilitation pathways based on the main pathology.

In particular, the following are taken care of:

- In the musculoskeletal field: patients with spinal dysfunction; patients who have functional potential to be

developed; patients with amputation; post-surgery patients (hip, knee, spine prostheses, etc.); orthopedic patients with neurological comorbidities; patients with pain syndrome;

- In the internal-oncology field: internal medicine patients to be reconditioned; cancer patients to be reconditioned;
- In the pneumological field: patients with respiratory problems; patients with SARS-CoV-2 to be reconditioned.

Specific working groups have been active for years on the standardization of therapeutic process, in order to create common working protocols based on medical evidence, both for what concerns PDTA and for what concerns specific areas such as re-education postural and posturology, pelvic floor rehabilitation, respiratory rehabilitation and, recently, the rehabilitation effects on COVID-19 disease. At the 12th Research and Innovation Day in Human Medicine of Southern Switzerland held in September 2023, CREOC presented the poster "The role of the clinical specialist in developing the introductory path for newly hired nursing staff" and the poster "Therapeutic patient education suffering from respiratory pathologies for the optimization of inhalation therapy". Furthermore, an oral presentation was made in the "Parallel session: Nursing research 2" entitled "Patient awareness of the risk of falling in the rehabilitation clinic". Finally, CREOC participated in the Innovation Qualité, with the project "Interactive awareness aimed at nursing staff with a focus on pharmacological processes".



In October 2023, the study “Predicting Falls in Musculoskeletal Rehabilitation: A Retrospective Multisite Study” was finally published in the scientific journal *Healthcare* (L. Scarabel et al.), developed within REHA TICINO in collaboration with the Hildebrand Clinic Brissago Rehabilitation Centre. The

goal of this work was to verify whether it is possible to use the FIM® scale, in use in all rehabilitation clinics, instead of the scale in use actually, to assess the risk of a patient's fall in rehabilitation field.

Nursing Research Centre EOC

Annette Biegger, MSc

Head of EOC Nursing Division

58

In recent years, the EOC Nursing Department has promoted organisational and cultural improvements in order to advance the quality of care. This has led to changes concerning the organisation and philosophy of care, as well as new technologies in support of nursing activities. In addition, great attention has been given to the advancement of nurses' knowledge and skills, which resulted in the implementation of the Advanced Practice Nurse roles. Given the increasing complexity of patients and health systems, these professional figures are crucial for the development of advanced nursing skills, and for the clinical governance of professional activities. To support this process of change, investment has also been made in people with specific research training (PhD) and dedicated offices.

In the medical field, knowledge rapidly evolves; something that was effective yesterday may no longer be effective today. Hence the importance of developing research studies focused on the nursing field, to provide nurses with new evidence and develop new expertise. Polit & Beck (2006) define nursing research as a "systematic inquiry designed to develop knowledge about issues of importance to nurses, including nursing practice, nursing education, and nursing administration". Nursing research activities, with dedicated resources, were first registered at IOSI in 2010 and are annually documented in the EOC Annual Scientific Report and EOC Nursing Activity bi-annual Report. In September 2016, the Centre of Competence for Nursing Research (CcRI) was established within the EOC Nursing Division with the

following mission: "...to promote the development and quality of nursing care in response to the health needs of the population, promoting innovation and nursing research in all clinical realities of the EOC and maintaining a close link between research (theory) and nursing care (practice)".

In the coming years, the plan is to expand the network of colleagues and/or nursing research offices within the EOC sites. Today, a research office is active across different sites, including IOSI, IPSI, ICCT and Regional Hospitals of Bellinzona and Lugano. At the moment, in each of these hospitals/institutes there is at least one nurse dedicated to nursing research. Currently, the Leads of the local nursing research units are: Angela Tolotti at the IOSI, Sarah Jayne Liptrott at the Regional Hospital of Bellinzona e Valli in Bellinzona, Luca Corina Elena at the Regional Hospital of Lugano, and Michele Villa at the Ticino Cardiocentre Institute. Nuria Prieto Casais joined the research team at the IOSI in December 2022. The Chief of the Centre of Competence for Nursing Research (CcRI) is Loris Bonetti, in post since September 2021. Laura Steiner also works as nurse researcher at the CcRI. Nurses active in research are part of the Nurse Led Research Coordinating Team (CooRI), which coordinates EOC research activities and research development plans in the nursing field. In the hospitals/institutions where there is no nurse dedicated to nursing research, Loris Bonetti and Laura Steiner help the local nursing clinical experts in the development of research. The CooRI has recently been formally recognized as Local Research Unit.

The following are the main activities the CcRI and the CooRI are responsible for:

- To develop, in accordance with the vision and the mission of the Nursing Department, the strategic development of nursing research and nursing profession at the EOC.
- To develop training courses on research topics to be offered to all EOC nurses. This is critical to create essential synergies with clinical realities and the network of nurses within EOC.
- To promote and support the cultural and scientific production by colleagues (preparation of abstracts, posters, journal articles, research projects. etc.).
- To collaborate with colleagues with managerial roles and colleagues from clinical governance for the collection and/or critical analysis of data, the dissemination of evidence and the development of internal guidelines.
- To develop and implement nursing research projects, using either quantitative, qualitative or mixed methods.
- To develop and maintain collaborations with national and international nursing research associations and networks.

Research questions usually arise from needs identified by nurses working in clinical practice or holding managerial roles and are answered through studies, which can be carried out with internal or external resources

and funding. Internal resources are mainly used to conduct 'action-research' studies-planned and developed together with nurses involved in clinical practice and in the context of interest, aimed to explore a specific clinical or professional phenomenon in order to change and improve nursing practice. Such studies are 'context-related' and therefore results can be transferred to similar realities, but usually cannot be generalized. Despite this, such action-research studies are deemed important as they require a proactive role from professional teams and stimulate reflective thinking and critical review of their professional practice. Other studies conducted, especially those externally funded, tend to focus on phenomena of clinical or professional interest of a more general nature.

The following are the research studies currently active, funded by EOC or other funding bodies:

- A mixed-methods study (NuBE Project), in collaboration with The Catholic University of Milan, which aims to identify which relational and communicative behaviours of nurses in oncology promote patients' engagement, in order to develop a reliable psychometric tool to identify such behaviours.
- A pilot project to test a complex intervention delivered by oncology nurses aimed at promoting a healthy lifestyle





among cancer patients. The intervention is based on patient engagement theory. The study will be conducted in partnership with The Catholic University of Milan. It has been recently funded by the Fond'action contre le cancer (Lausanne).

- Three study about the implementation of Advanced Practice Nurse (APN) role respectively with Stroke patients, patients undergoing peritoneal dialysis and in palliative care.
- An investigation of a Mindfulness Based Stress Reduction program in Regional Hospital of Bellinzona e Valli, which was open to participants from all professional categories. The study explores the effect of the program on mindfulness practices, stress and psychological well-being.
- Development of a complex intervention to promote positive workplaces: an implementation study.
- Adaptation of the Ethical Conflict Nursing Questionnaire-Critical care to acute and chronic care contexts: a Delphi study.
- A non-inferiority randomized controlled trial, open and controlled in parallel group on safety and benefits of mobilization at 4 hours compared to 24 hours after implantation of an intracardiac electronic device.
- An observational study on the frequency and predictors of haemodynamic instability during automated changeover of norepinephrine infusion pumps.
- A prospective observational study about active involvement of patients with cancer in clinical research, with the aim to educate patients in order to be directly involved in the performance/discussion/design of clinical studies.
- In collaboration with EOC midwives, a mixed-method study to understand the experience of women who gave birth at the EOC.

Other studies are being planned in collaboration with colleagues working in various clinical settings. Two members of CooRI are also involved in a strategic project of the nursing department, for the development of the EOC Nursing Professional Practical Model (PPM) and the creation of the new model of nursing care at EOC. In July 2023 three abstracts of different research performed by CooRI were

presented during the 29th International Council of Nurses (ICN) congress: "Nurses together: a force for global health", in Montreal, Canada, one of the most important nursing conferences worldwide. On the 12th of April 2024 the third EOC nursing research congress will take place in Lugano, in collaboration with the University of Applied Sciences and Arts of Southern Switzerland (SUPSI). In this edition 50 abstracts from the EOC nurses have been submitted, meaning that nursing research is constantly growing in our context. The topics of this conference edition will be fundamentals of care and nursing retention: for this reason, we invited keynote speakers Prof. Loredana Sasso, a renowned researcher and Chief of the Nursing Doctoral Program at the University of Genoa, who will share with us her experience about the fundamentals of care, and Prof. Annie Oulevey Bachmann, from the Institut et Haute Ecole de la Santé La Source, an expert in nursing retention.

It is also important to underline the significant participation of many EOC nurses at the 12th Research and Innovation Day in Human Medicine of Southern Switzerland in September 2023, in which a specific parallel section was dedicated to nursing research projects. Two of the nursing projects were also presented during the plenary session and one was awarded as best nursing oral presentation.

Moreover, during 2023, the collaboration between the EOC Competence Centre for Nursing Research and the SUPSI Competence Centre for Health Practices and Policies became operational, with the establishment of the steering committee, which has already met twice. Furthermore, in October 2023, a meeting was also organised with EOC and SUPSI nursing researchers to start thinking about possible future joint research projects. This collaboration between clinical and academic fields will be strategic for the development of nursing research and the nursing profession at the EOC and in the Ticino context.

Information and Communications Technology Division (ICT) EOC

Marco Bosetti

Head of EOC Information and
Communications Technology Division

62

The “Information and Communications Technology area” (ICT) is the IT division of EOC. With more than 90 employees, it covers the traditional IT services like infrastructure, operations and support. Moreover, it implemented in-house and maintains the Geco that is the clinical information system of EOC since 2007. For this reason, the ICT has extensive experience in integration and analysis of clinical records.

The ICT is actively involved in research activities mainly through his dedicated team named “Innovation and Research” that provides both technical and consultant expertise. Besides internal resources, the ICT strategic development foresees the establishment of collaborations with external organizations like, e.g., the Swiss AI Lab (USI-SUPSI IDSIA) aiming at applying cutting edge artificial intelligence (AI) techniques on EOC data and the Swiss Personalized Health Network (SPHN) to enable nationwide use and exchange of health data for research. Furthermore, the ICT evaluates the acquisition of third-party innovative solutions (e.g. the integration of a scheduler tool based on nurses workload prediction).

The ICT is the central point for extraction and analysis of clinical data supporting EOC researcher and Medical Master School

students in teaching activities, scientific publications and writing of funding proposals. The pipeline of running financed projects includes the application of AI techniques to support the active pharmacovigilance task (SNF), the early identification of ventilator-associated pneumonia using AI (Innosuisse) and the prediction of clinical deterioration in oncological patients (SAKK/AbbVie award). The ICT is also involved in internal projects aiming at enhance the hospital management like the implementation of an automatic shift planner and the use of AI to manage&optimize hospitalizations supporting multiple use cases (LOS, AKI, PBM,...) and the application of LLMs technologies to process clinical documentations. Additionally, the ICT scientific production is constantly growing thanks to fruitful collaborations with clinical partners.

Finally, the suite of research software/ infrastructure solutions developed and maintained by ICT includes an electronic case report forms to manage clinical trials (5dBase - validated FDA cfr 21 part 11), an event driven direct data entry database to manage both biobanks and surveys (edddie - validated FDA cfr 21 part 11), a clinical data warehouse, tools to anonymize clinical narratives and a high throughput cluster for -Omics/RNA seq data analysis.

[Click here](#) to see the ICT complete list of publications



Chapter III

64



Laboratories for Translational Research (LRT) of EOC



Laboratories for Translational Research (LRT) of EOC

Prof. Andrea De Gottardi, MD PhD (until 2023)

Prof. Alain Kaelin, MD PhD (from 2024)

Director

[For complete information please visit
the website of LRT-EOC: https://lrteoc.ch.](https://lrteoc.ch)

[Click here](#) to see the LRT complete list of publications





Research Services



Clinical Trial Unit EOC

Prof. Alessandro Ceschi, MD, MSc
CTU-EOC Director

The mission of the CTU-EOC is to promote and increase academic clinical research within the EOC by providing high-quality support for the implementation and conduct of research projects in all fields of medicine, ensuring the application of national and international regulatory requirements.

Experienced collaborators make it possible to support multicenter research projects, thus ensuring quality and making them more robust and faster in execution.

The CTU-EOC offers support from protocol drafting with definition of the study design, to submission to regulatory authorities, and data management in both data collection and analysis at the end of the study. In addition to project coordination, it also supports product and safety management. In 2023, CTU-EOC focused especially on aspects of quality by helping researchers establish their quality management system and identifying an EOC strategy supported by key performance indicators.

During 2023, the CTU-EOC conducted 133 projects, 56 of which were initiated during the year. Of the 56 new projects, 41 were under HRO, 6 under ClinO_other, and 5 under ClinO-IMP, while 4 projects belonged to other categories.

The most requested service was biostatistics, followed by eCRF development, monitoring, and submission to regulatory authorities. 9 projects were promoted by external researchers, including 4 by industry.

Requests for support received in 2023 were mainly for projects carried out by researchers in internal medicine (endocrinology and infectious diseases), neurology, and the critical care area, which includes intensive care, anesthesia, and emergency medicine.

In addition to providing the full range of skills needed to conduct a research project, the CTU-EOC also provides support to students, particularly from the Faculty of Biomedical Sciences at USI, who need to conduct their master's or doctoral theses.

[Click here](#) to see the CTU complete list of publications



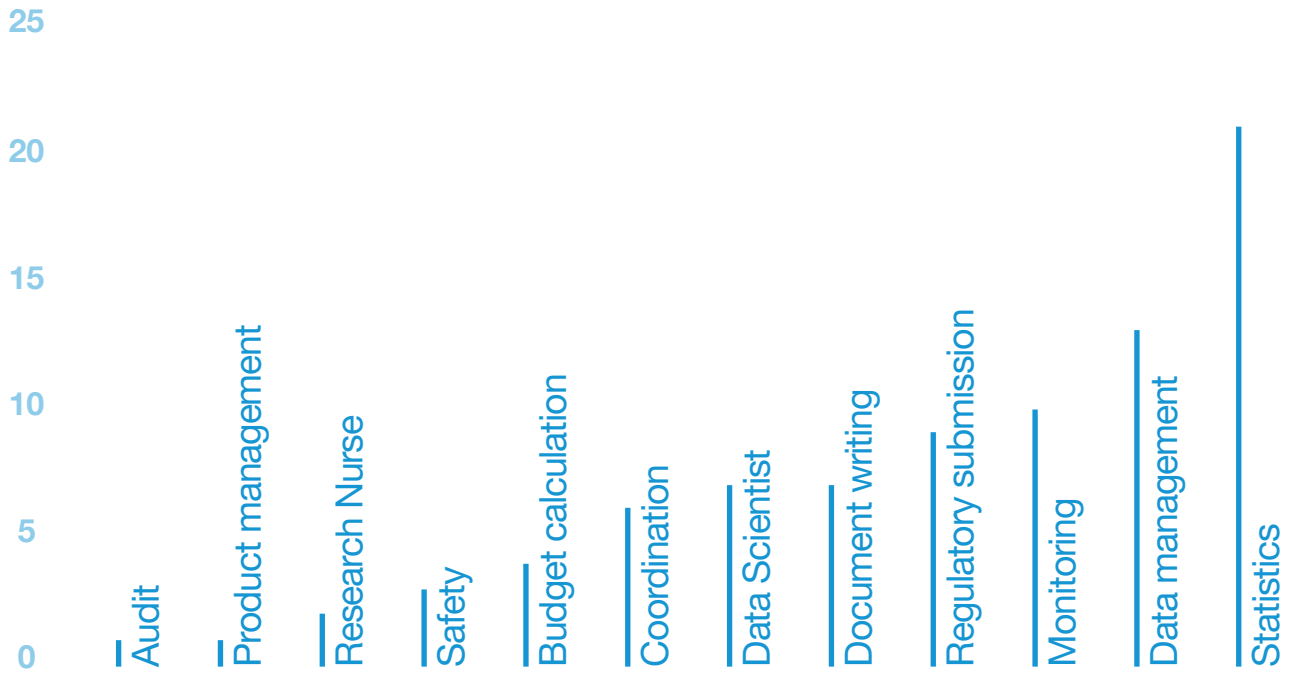


Figure 1.
Services requested
during 2023

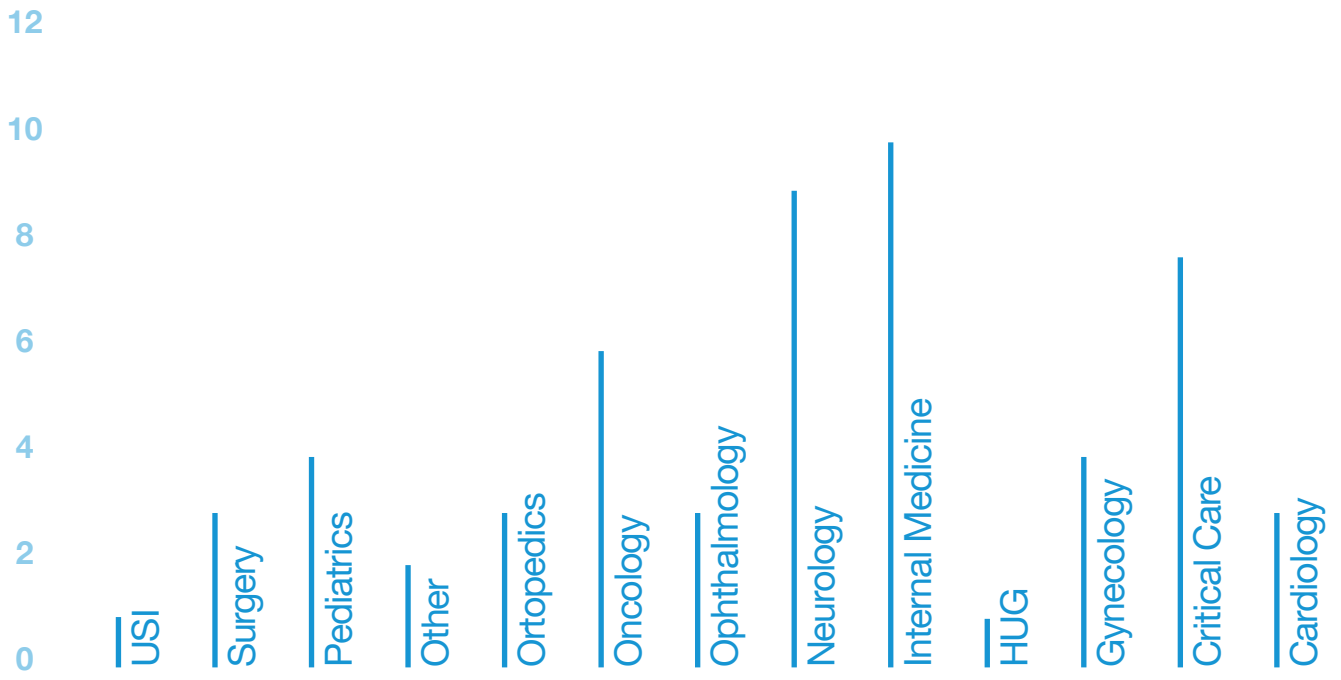


Figure 2.
Fields of medicine
taken in charge
during 2023

Education

to contribute to the development of researchers by proposing dynamic and high-quality courses. The program is adaptable to meet the needs and requirements of researchers at EOC and partners institutions. During 2023, 10 courses were delivered with a total of 104 participants.

CTU-EOC continues to propose courses as part of the PhD programs of the USI Faculty of Biomedical Sciences which are also open to PhD students from partner institutions such as ETHZ and USZ.

The CTU-EOC actively contributes to the SCTO education platform, in addition to other platforms, ensuring constant exchange and updating in this field.

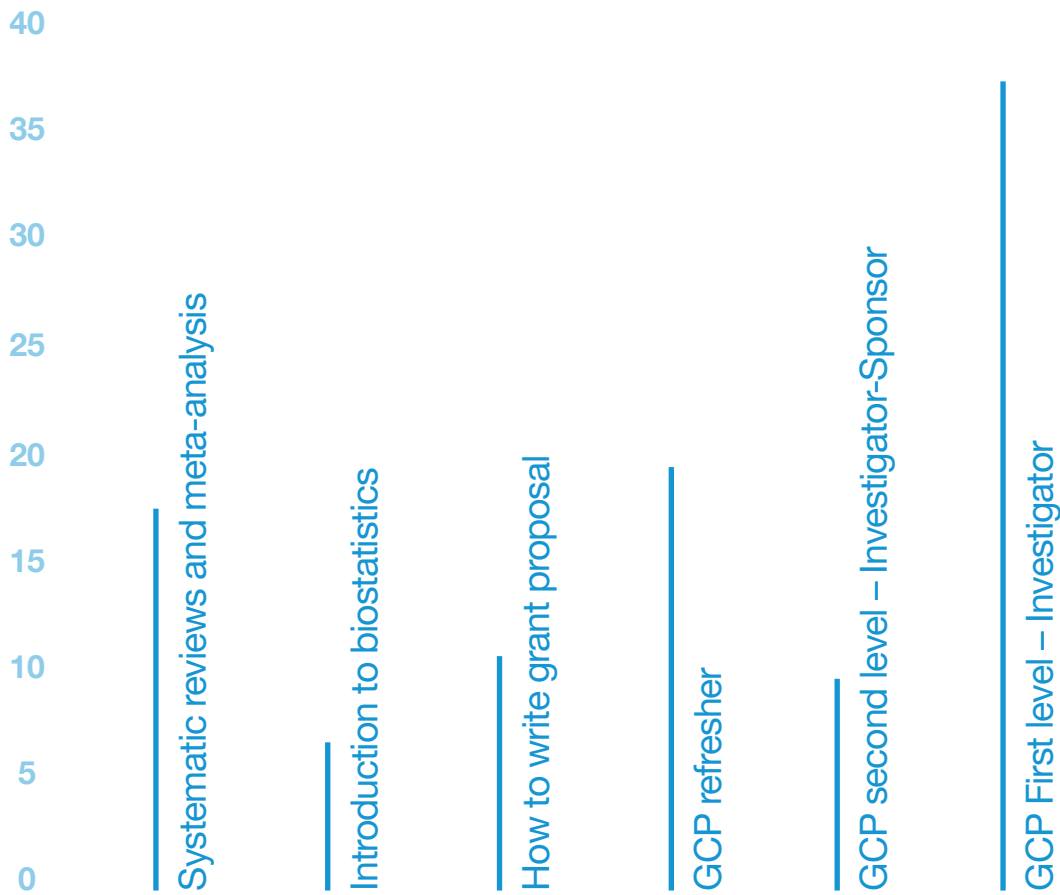


Figure 3.
Courses
and number
of participants
in 2023

Events

The CTU-EOC, in collaboration with the Area Formazione medica e Ricerca (AFRI) of the EOC General Directorate and the Faculty of Biomedical Sciences at USI, organized the 12th Day of Research and Innovation in Human Medicine of Southern Switzerland. Attendance is steadily increasing both

in the number of abstracts submitted for each research category (69 clinical or epidemiological, 29 nursing, and 44 basic translational or computational) and in the number of participants (286).

More information is available at the following link: <https://www.ctueoc.ch/giornata-della-ricerca/>



Grants and Fundraising Unit

During 2023, the Grants and Fundraising Unit was dedicated to facilitating the access of competitive funds to support various projects aimed at fostering advance scientific knowledge and promote networks and collaborations with other academic centers. The following are some of the key aspects covered during 2023:

76

- **Increased funding from Governmental Agencies' competitive grants**

We secured additional funding from the Swiss National Science Foundation (SNSF) and Innosuisse, allowing us to expand EOC research agendas and support a broader range of initiatives. Competitive funding government agencies typically employ rigorous peer review processes to evaluate research proposals. Winning grants in such a competitive environment is evidence of the quality and level of innovation of the research, and likely to make a meaningful contribution to solve unmet clinical needs.

- **Collaborative Partnerships for funding**

We fostered important collaborations with the Faculty of Biomedical Sciences of USI to leverage resources and expertise for research projects. Through the funding partnership "Fondo EOC-USI", we increased donor engagement, with contributions coming from private foundations that supported several research projects led by EOC researches who hold an USI affiliation.

We are grateful to our founders, stakeholders, and the dedicated partners for the firm support and commitment to our shared research goals. Together, we will continue to make a difference in patients and their families.

For more information about grant management and private third-party funding at EOC, please contact the Grants and Fundraising Unit:

Maria Montilla
Head Grants & Fundraising Unit, AFRI EOC
c/o Università della Svizzera italiana
Stabile LAB
Via Buffi 13
6900 Lugano, Switzerland
maria.montilla@eoc.ch
+41 (0)91 811 79 68

EOC Biobank

The Biobank-EOC is a service made available to non-profit researchers aimed at collecting, processing, storing and distributing biological specimens and associated (clinical) data for research purposes.

It is a facility recognized by the Swiss Biobank Platform with the Norma "label," applies all regulatory and quality requirements, and guarantees the rights of the donors involved.

In 2023, the Biobank-EOC continued its activity in the management of biological specimens in the context of clinical trials mainly promoted by researchers of the EOC. There are currently 9 blood-derived biological specimen collections under management with more than 41,000 aliquots stored at the facility. Some of these collections have completed collection and continue long-term storage.

Collaborations with companies active in diagnostics have also begun to introduce new tests to the market or to further improve existing ones. In addition to the importance of new knowledge in clinical medicine, patients can thus also benefit from improvements in diagnostic tests.

The Biobank-EOC is accessible not only to EOC researchers but to all research groups interested in benefiting from an infrastructure dedicated to the collection and preservation of biological specimens, as well as their use, and is open to new collaborations with research groups and laboratories both in the Ticino region and nationally and internationally.

For information:

Dr. Marco Cantù
Biobank-EOC Coordinator
Via Mirasole 22A
6500 Bellinzona, Switzerland
Tel. +41 (0)91 811 17 77
biobanca@eoc.ch



Intellectual property

78 Intellectual property (IP), and related rights, indicates a system of legal protection to protect creative and inventive activities from commercial abuse and illicit reproduction. The significance of intellectual property is primarily of commercial nature. EOC promotes the development of scientific knowledge and the enhancement of the results of research activities, also through the transfer of technology related to the intellectual creations of EOC researchers. All inventions and any other innovation likely to be the subject of an industrial patent (or similar title related to intellectual property) that has a patrimonial value and is susceptible of exclusive rights are governed by the [EOC regulation on intellectual property](#).

The EOC Intellectual Property Commission (IP Commission) is in charge of the implementation of this regulation. This commission is composed by collaborators of the EOC General Directorate. The USI Technology Transfer Manager is also a member of this commission and supports its activities. The IP Commission has the competence on the protection and enhancement of inventions or potentially patentable and / or otherwise protectable inventions. The IP Commission is required to meet every time there is a request for the patentability of an invention or any subject of intellectual property.

General consent for research purposes

In 2021 the AFRi EOC started the introduction of the General Consent for research purposes in the EOC Institutes and Departments.

A large part of research is based on patients' personal health data contained in their medical records, such as laboratory test results, treatments administered and genetic predispositions. All the biological material collected at the hospitals and no longer required for treatment is also very important for research purposes.

Patients can make a contribution to the research by agreeing for their clinical data and/or biological samples to be stored, sent to third parties and reused for research purposes, subject to approval by the competent Ethics Committee. Through the introduction of the General Consent for Research at the EOC hospitals, the patients may now give or not their consent on the use of their personal health data and biological samples for research purposes.

For more information:

Direzione Generale EOC
Area Formazione medica e Ricerca
Ufficio del Consenso Generale
Viale Officina 3, 6501 Bellinzona
Tel.: +41 (0)91 811 1212
E-mail: info.cg@eoc.ch

Chapter V



USI Faculties and Institutes

Research activities in biomedical sciences at USI are mostly organized within the Institutes of the Faculty of Biomedical Sciences, but also comprise more interdisciplinary activities in domains of computational sciences, health economics, and health communication in cooperation with the Faculties of Informatics, Economics, and Communication, Culture and Society.



USI Faculty of Biomedical Science

82

USI Faculty of Biomedical Sciences was established in 2014 with the aim of addressing an important national problem: the dearth of physicians trained in Switzerland. To reach its goal, the Faculty offers from 2020 a Master of Medicine (three years of clinical training), in cooperation with ETH Zurich and University of Basel regarding academics, and with EOC, clinics, and general practitioners regarding clinical training. The Master addresses the new challenges of medical practice by combining clinical and scientific training with communication skills. The Faculty is also offering a joint Master's programme in Cognitive Psychology in Health Communication with Vita-Salute San Raffaele University, Milan.

The Faculty is offering a PhD program in Biomedical Sciences with majors corresponding to its main research areas, i.e. immunology and cell biology, cancer biology and oncology, (human) neurosciences, (human) cardiovascular sciences, drug sciences, public health and computational biomedicine, as well as a Medical Doctor Programme. Moreover, the Faculty organizes an Executive Programme in Sleep Medicine (with the University of Bern), in Gastrointestinal, Gynecological and Prostate Cancer (with the European School of Oncology) and in Patient's Communication (with Fondazione Sasso Corbaro). Finally, the Center of Advanced Studies on Entrepreneurship in Biomedicine (CASE BioMed) adds to the medical and

scientific education at the Faculty by offering advanced programmes in innovation and entrepreneurship.

The Faculty currently comprises more than 20 full, associate and assistant professors, as well as a large number of adjunct, titular professors, and of private lecturers; these mostly include directors and senior scientific staff of the EOC presented in section 1 of this report.



Research in the Faculty is developed in immunology and basic cancer research at the two affiliated institutes IRB and IOR and in the transnational research laboratories of EOC epidemiological and clinical research is performed within the Institute of Public Health at USI and in the institutes and centers at EOC (see chapter 1 of this report); finally, research in computational biomedicine is developed at the Euler Institute:

- The Institute for Research in Biomedicine (IRB; www.irb.usi.ch), affiliated and based in the Bellinzona campus. IRB was founded in 2000 with the goal of advancing the study of human immunology, with particular emphasis on the disease-relevant mechanisms of host defense. Since 2010, it is affiliated to USI as part of its Faculty of Biomedical Sciences. It currently comprises 13 research groups about 120 international collaborators.
- The Institute of Oncology Research (IOR; www.ior.usi.ch), affiliated and based in the Bellinzona campus, hosts researchers from all over the world performing basic and translational research in oncology with special focus on cancer

biology, genomics, molecular oncology, experimental therapeutics. Since 2017, IOR is affiliated to USI as part of its Faculty of Biomedical Sciences. The Institute currently comprises 8 research groups and about 70 researchers and PhD students.

- The Institute of Public Health (IPH), see below.
- The Euler Institute (www.euler.usi.ch), common to the Faculties of Informatics and Economics. Euler is USI's central node for interdisciplinary research and the connection between exact sciences and life sciences. Euler applies advanced computational methods to fields such as Life Sciences, Medicine, Physics, Mathematics, and Quantitative Methods. It currently comprises four professors, as well as several adjunct professors and groups leaders and about 45 researchers and PhD students.

Institute of Public Health (IPH)

84

The Institute of Public Health (IPH) is an inter-faculty Institute and one of the five training and research entities supported by the Faculty of Biomedical Sciences of the Università della Svizzera italiana. Members of the IPH perform research, training and practice, and provide services across a broad range of activities related to public health. The IPH is the 'antenna' in Ticino of the Swiss School of Public Health (SSPH+) and is home to research programs articulated across several research projects. In addition, IPH members provide support and scientific advice on the methodology of epidemiological, biomedical, behavioral, and other areas of research, from the conception, to the conduction, through the implementation of studies with various designs and spanning qualitative and quantitative methodological approaches. IPH is an USI inter-faculty Institute with members from the Faculty of Communication, Culture and Society, the Faculty of Economics, and of Biomedical sciences.

The IPH staff currently includes the Director, 4 tenured Professors, 2 Senior Researchers, and several Postdoctoral Fellows, PhD students, and research Assistants. Their backgrounds range from the medical field, to epidemiology, health economics, health communication, health promotion and behavior, communication, public management and policy, psychology, and marketing, through the social and health sciences.

Members of the IPH conduct a variety of studies in the fields of aging, mental health, ethics, public health, socio-emotional well-being, cognitive development and decline, social media addiction, cognitive and social neuroscience, clinical psychology, psychophysiology, social psychology, human behavior, nutrition and physical activity, vaccine acceptance, social integration, and health psychology. Study designs include epidemiological, population-based studies, experimental studies, qualitative studies (interviews and focus groups), fMRI studies, media content analyses, psychophysiological studies, scoping reviews, systematic reviews, meta-analyses, and RCTs. Target populations include older adults (+65), younger adults (18-35), adolescents (<18), and healthcare providers.

Researchers at the IPH have strong collaborations at the local (e.g., Canton of Ticino, ProSenectute Ticino e Moesano, Alzheimer Ticino, SUPSI), national (all Swiss universities, ETHZ, and EPFL) and international level (University of Vienna, University of Parma, University of Milan, University of Turin, and Loughborough University, University of Pittsburgh Graduate School of Public Health, Imperial College London, University of Valencia, University of Nottingham, University of York, University of Kent, National University of Ireland Galway, and many more), as well as with the World Health Organization, UNICEF, SDC, and many NGOs based in Switzerland and abroad.

Members of the IPH give courses in various USI Bachelor's degrees, and within the USI Master in Medicine, the Master in Communication, Management and Health, and the Master in Cognitive Psychology in Health Communication, Masters of Marketing, Master in Public Management and Policy, Master in Corporate Communication, Master in Digital Fashion. Other graduate trainings include the SSPH+ Summer School in Public Health Policy, Economics, and Management, the Net Megs and more.

The IPH is committed to promote the highest ethical and methodological standards in population sciences and embraces a strong participatory action research approach and community engagement of the public and of all relevant stakeholders. Both research and training at the IPH ultimately aim to improve public health, to inform policy decisions and practices, and to contribute to positively influence individual behaviors and societal practices that promote and protect health, prevent diseases, and favor optimal and equitable care based on needs.

Other USI Faculties and Institutes

86 The Institute of Economics (IdEP; <http://www.idep.eco.usi.ch>) supports research and teaching activities in the broad field of economics and public management. The research interests of IdEP members also include health economics and public health. Their research focuses on issues of public interest such as ageing and cognitive decline, mental health, sleep deprivation, and the determinants of the increasing health care costs. IdEP also organizes a Master of advanced studies in health economics and management (NETMEGS). Since 2012 IdEP coordinates the activity of the Center for Economic and Political Research on Aging (CEPRA). The center aims at stimulating empirical research on population aging, pension and health care design and spending, at promoting academic training on this topic, and at disseminating research output to a specialized and a general audience, through workshops, conferences, and public debates. Finally, since 2012 IdEP is part of the national research project Swiss Learning Health.

Within the Faculty of Communication, Culture and Society, there are specific competences related to health communication and literacy (prof. Schulz, prof. Hannawa); the Faculty also offers a master program in Communication, Management and Health. The Institute of Public Communication also closely cooperates with the Institute of Public Health to conduct research to understand determinants of health-related behaviors and to develop strategies to change behavior, focusing on communication (BeCHANGE research group). This includes topics such as making healthy behaviors 'easy' options for people, communicating complex health messages and increasing vaccine acceptance and uptake.





Peer-reviewed publications



Peer-reviewed publications

A comprehensive computer literature search of PubMed/MEDLINE database was carried out independently by two different collaborators of the AFRi-EOC. The last database search was performed in April 2024. The string search was built using keywords based on the different EOC sites.

The following inclusion criteria were used in the selection process: a) peer-reviewed articles listed in PubMed/MEDLINE with at least one co-author affiliated with EOC; b) final publication of the article in a scientific journal issue in 2023. Articles listed in PubMed in 2023 as “Online ahead of print” before their publication in final or print format were therefore excluded from the current analysis.

The Journal Quartile¹ of the scientific journals – based on the Journal Impact Factor² – in which EOC researchers published their peer-reviewed articles were also evaluated using data from the Journal Citations Reports (JCR) 2022.

The scientific work carried out by the EOC researchers, based on the inclusion and exclusion criteria mentioned above, produced 771 peer-reviewed articles. Although the total

number is slightly lower than 2022, the EOC scientific production in 2023 – as illustrated in Figure 4 – confirmed the upward trend recorded the previous year.

Most peer-reviewed publications in 2023 were original articles or reviews (676, 88%) in line with 2022 (89%).

Half of the original articles and reviews (338) was published in high-rated Q1 journals with an increase of 5% compared to the previous year, confirming the high quality of the EOC scientific outputs.

The EOC researcher was the first or last author in 42% (286) of original articles or reviews, of which 126 were published in Q1 journals, slightly greater than the previous year.

Even in 2023, most publications were the result of an important network of international and national collaborations (91%). Key data are summarized in figures 5-9.

¹ Scientific journals are assigned to a subject category by JCR and ranked by Journal Impact Factor. The Journal rank is then transformed in a percentile value. The Journal percentile is used to calculate the Journal Quartile. Q1: Journal percentile ≥ 75 ; Q2: $75 < \text{Journal percentile} \leq 50$; Q3: $50 < \text{Journal percentile} \leq 25$; Q4: $25 < \text{Journal percentile}$ (Source: Clarivate Analytics).

² Journal Impact Factor is defined as citations to the journal in the Journal Citations Reports (JCR) year to items published in the previous two years, divided by the total number of scholarly items (also known as citable items - these comprise articles and reviews) published in the journal in the previous two years. A Journal Impact Factor of 1.0 means that, on average, the articles published one or two years ago have been cited one time (Source: Clarivate Analytics).

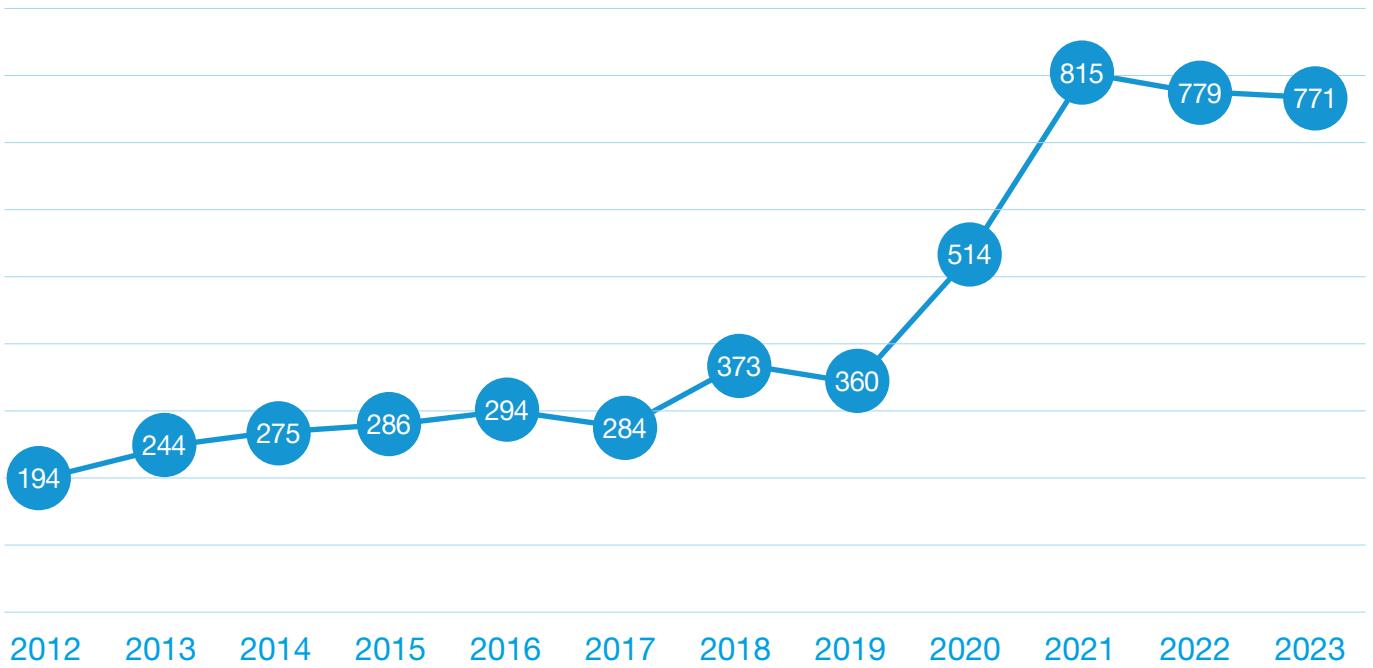


Figure 4.
Number of peer-reviewed
articles published by the
EOC researchers since
2012

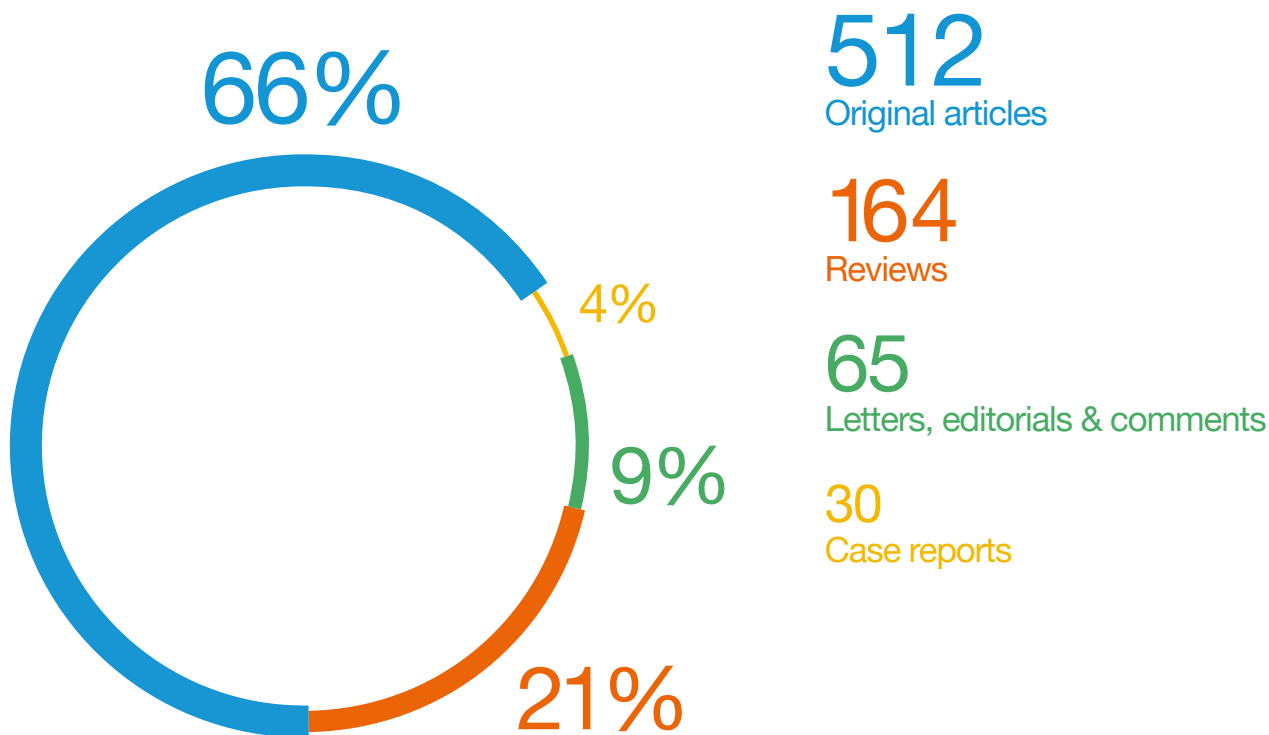


Figure 5.
Number and type
of the peer-reviewed
articles published
in 2023 (N = 771)

Meta-analyses, surveys, research letters, consensus and delphi-based consensus paper are classified as original articles. Systematic reviews without meta-analyses and protocols are classified as reviews.

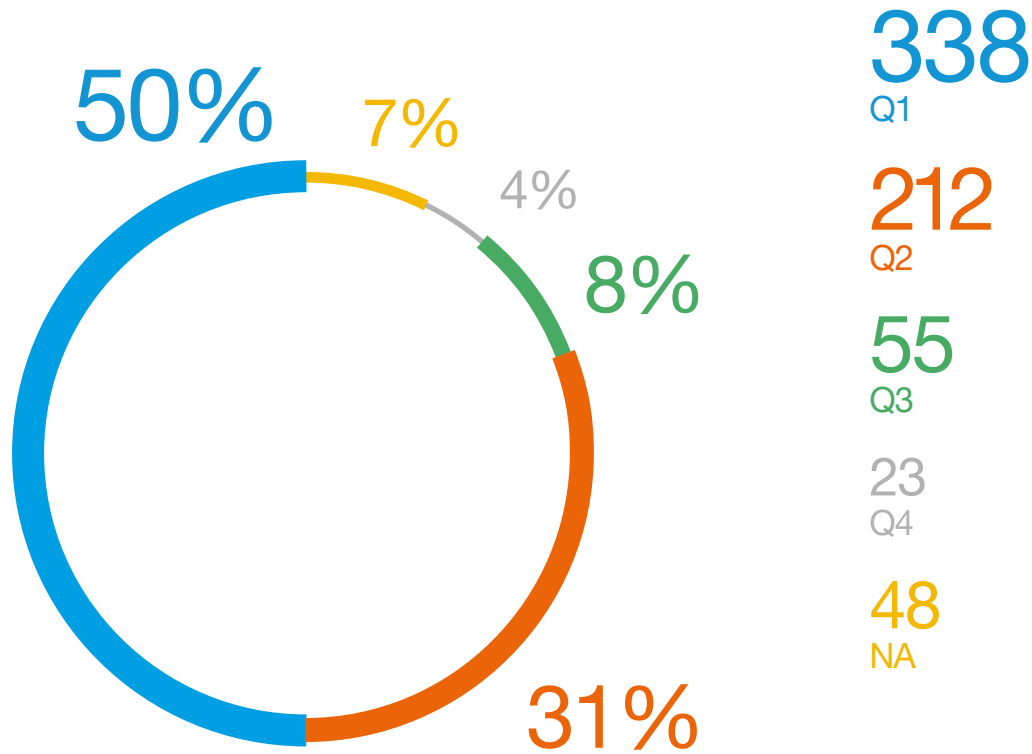


Figure 6.
Journal Quartile
of the scientific
journals in which
peer-reviewed original
and review articles
were published in
2023 (N = 676)

Journals can appear in multiple subject categories; in this case, the highest Journal Quartile was selected. Scientific journals without Journal Impact Factor are classified as NA.

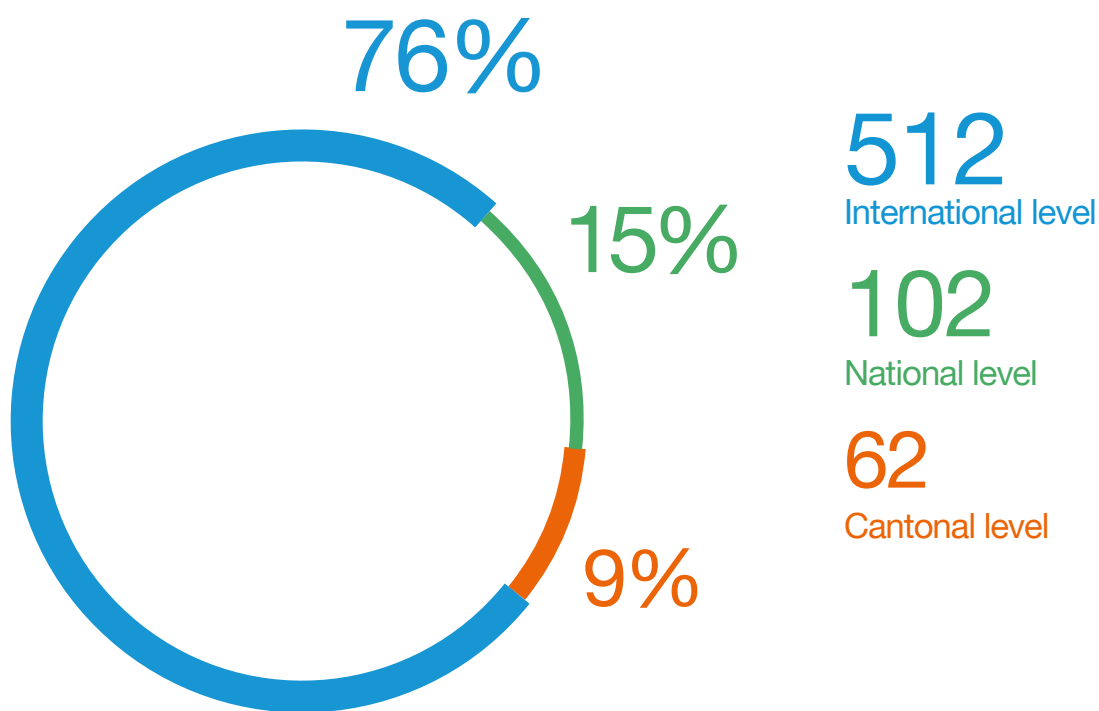


Figure 7.
Type of scientific collaboration (local, national of international) in peer-reviewed original and review articles published in 2023 (N = 676)

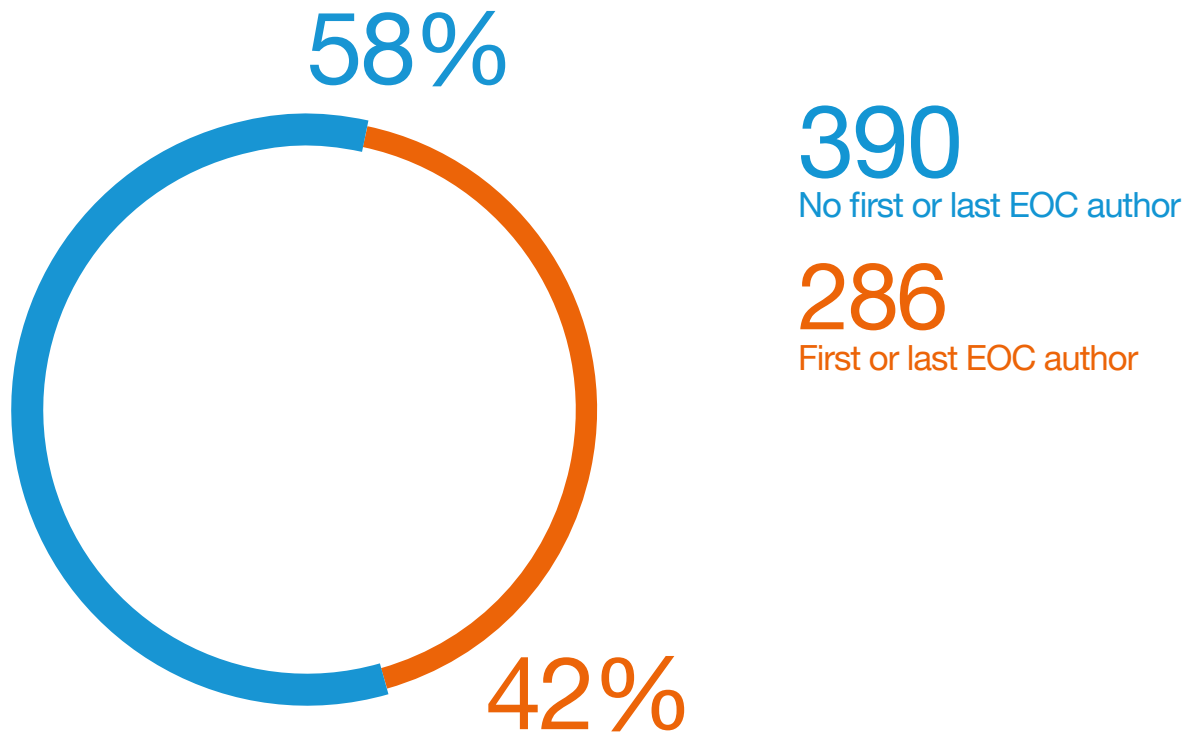


Figure 8.
Number of peer-reviewed original and review articles published by EOC researchers as first or last author in 2023 (N = 676)

Original articles Reviews Other

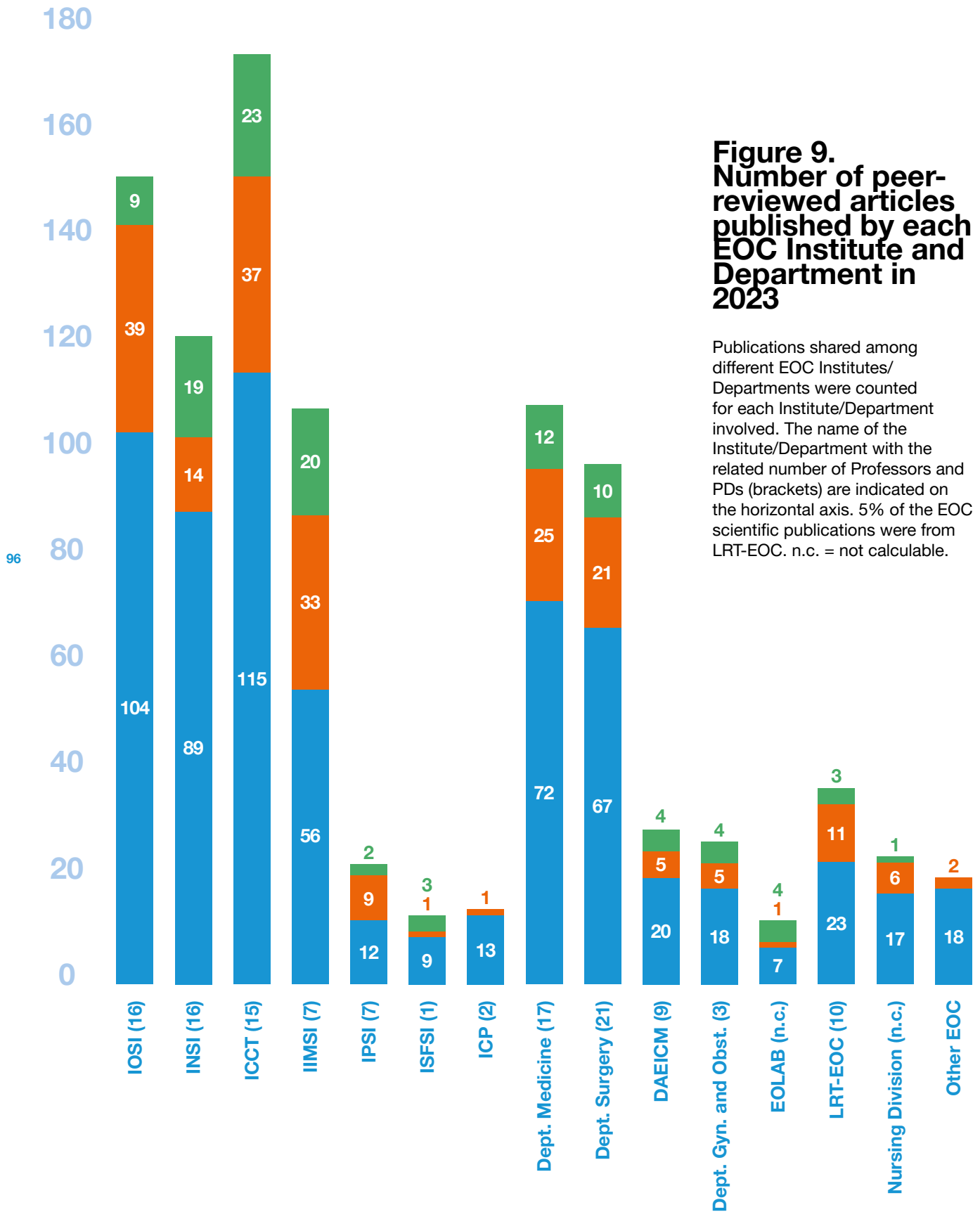


Figure 9. Number of peer-reviewed articles published by each EOC Institute and Department in 2023

Publications shared among different EOC Institutes/ Departments were counted for each Institute/Department involved. The name of the Institute/Department with the related number of Professors and PDs (brackets) are indicated on the horizontal axis. 5% of the EOC scientific publications were from LRT-EOC. n.c. = not calculable.



Overall, EOC research activities achieved high productivity and quality confirming the quantitative and qualitative metrics of previous years, which have seen a significant improvement since 2021

Chapter VII



Newly activated research projects



Research projects conducted at the EOC hospitals are recorded into a dedicated database. A total of **129 research projects** involving persons that require authorization by the Ethics Committee and/or Swissmedic were activated in 2023, slightly more than 2022 (115). As of 31.12.2023, 370 research projects were ongoing at the EOC hospitals and laboratories.³

Figure 10 shows the number of EOC research projects by the category to which are assigned on the basis of the type of effect they have on participants. Most (61%, 78) were non-clinical trials,⁴ equally divided between the sub-categories “research involving persons”

(38) and “further use of pre-existing health-related data and/or biological material” (38). The EOC general consent was used in 44% of the non-clinical trials, mostly for “further use” research projects. The remaining were clinical trials⁵ (N=51) of which 63% investigating medicinal products, 23% health-related interventions (i.e., other clinical trials), 12% medical devices and 1% transplant products. According to available data, EOC researchers conceived and promoted 59 research projects in 2023, which were mostly non-clinical trials (N=47). Almost 55% of the research projects were funded, primarily clinical trials (80% of them funded), with an increase of nearly 10% compared to 2022.

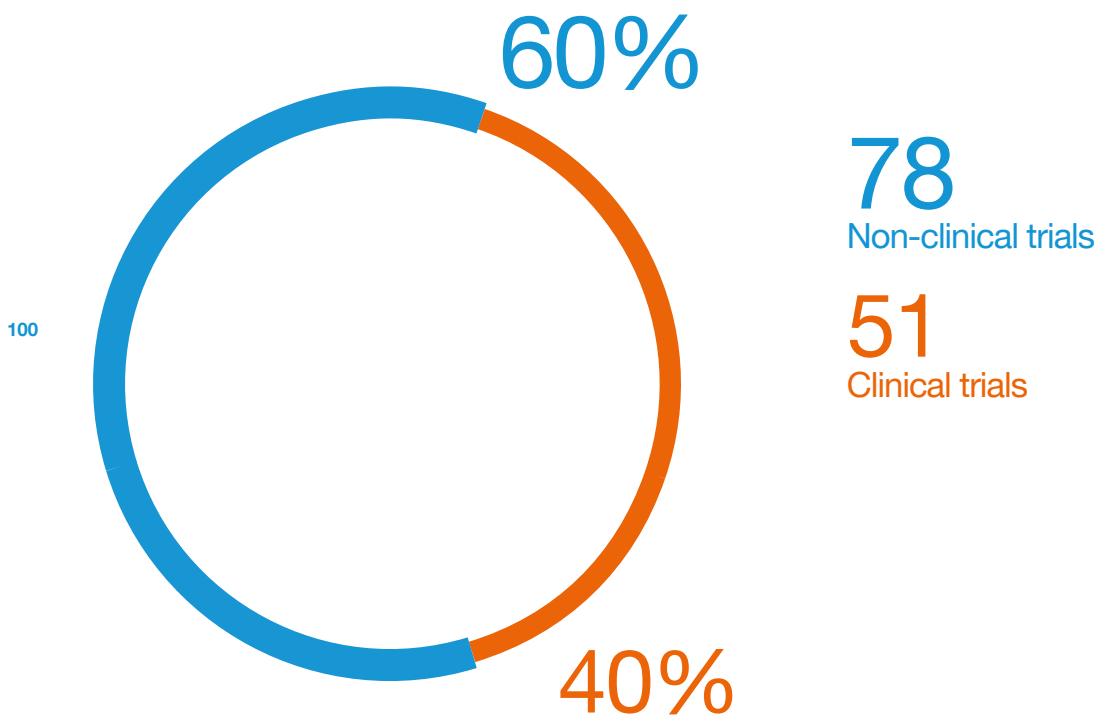


Figure 10.
Number of EOC
research projects
activated in 2023
(N = 129)

³ Data only available from 2019. Research projects activated prior to 2019 and still ongoing are not included in the metrics.

⁴ Non-clinical trials are research projects that do not actively induce an effect among research participants but they just collect health-related personal and/or take biological samples (Source: kofam.ch).

⁵ Clinical trials are research projects that actively induce an effect among research participants – using medicinal products, medical devices or other health-related interventions – to investigate their impact on participants’ health or the structure and functioning of the human body (Source: kofam.ch).

As shown in Figure 11, more than half of the EOC research projects involved more than one participating site internationally (N=48) or nationally (N=25).

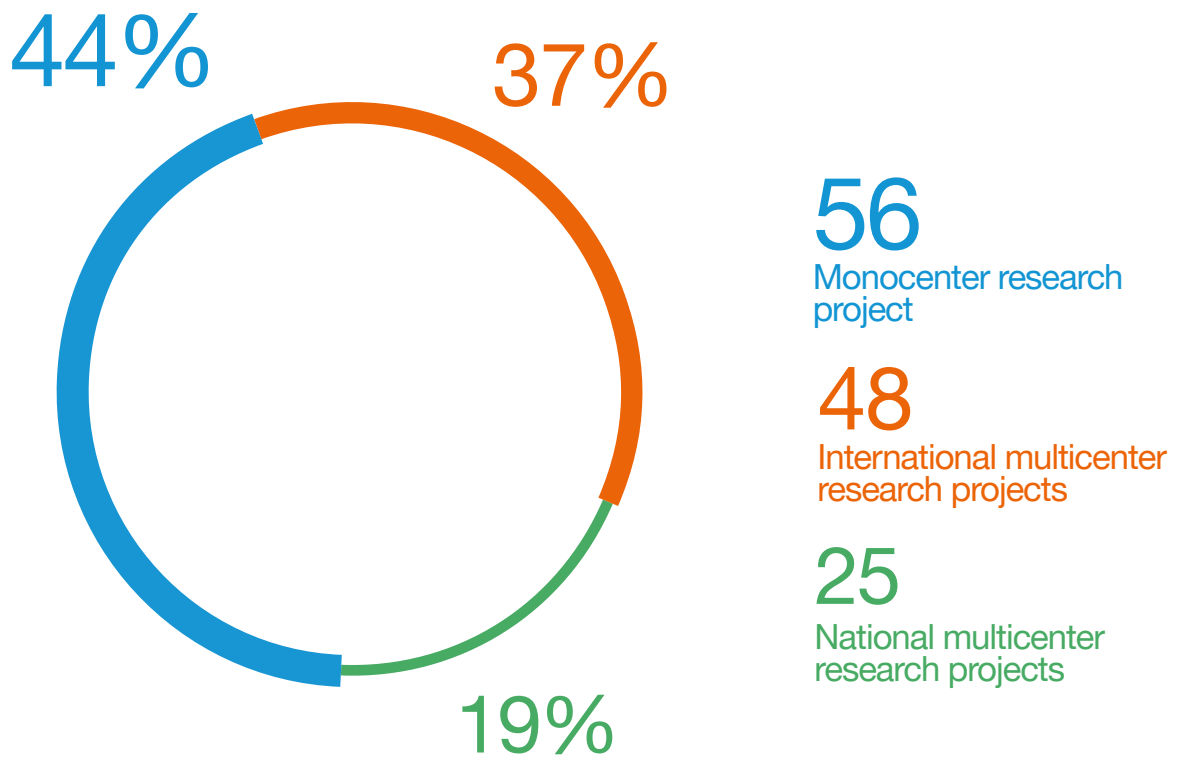


Figure 11.
Number of
EOC research
projects with
single or multiple
participating sites
activated in 2023
(N = 129)

Figure 12 summarizes the number of EOC research projects activated in 2023, by clinical and non-clinical trials and by Institute/Department. The research project was

assigned based on the EOC affiliation of the Sponsor-Investigator/Project Leader/Principal investigator, whichever applies.

Clinical trials **Non-clinical trials**

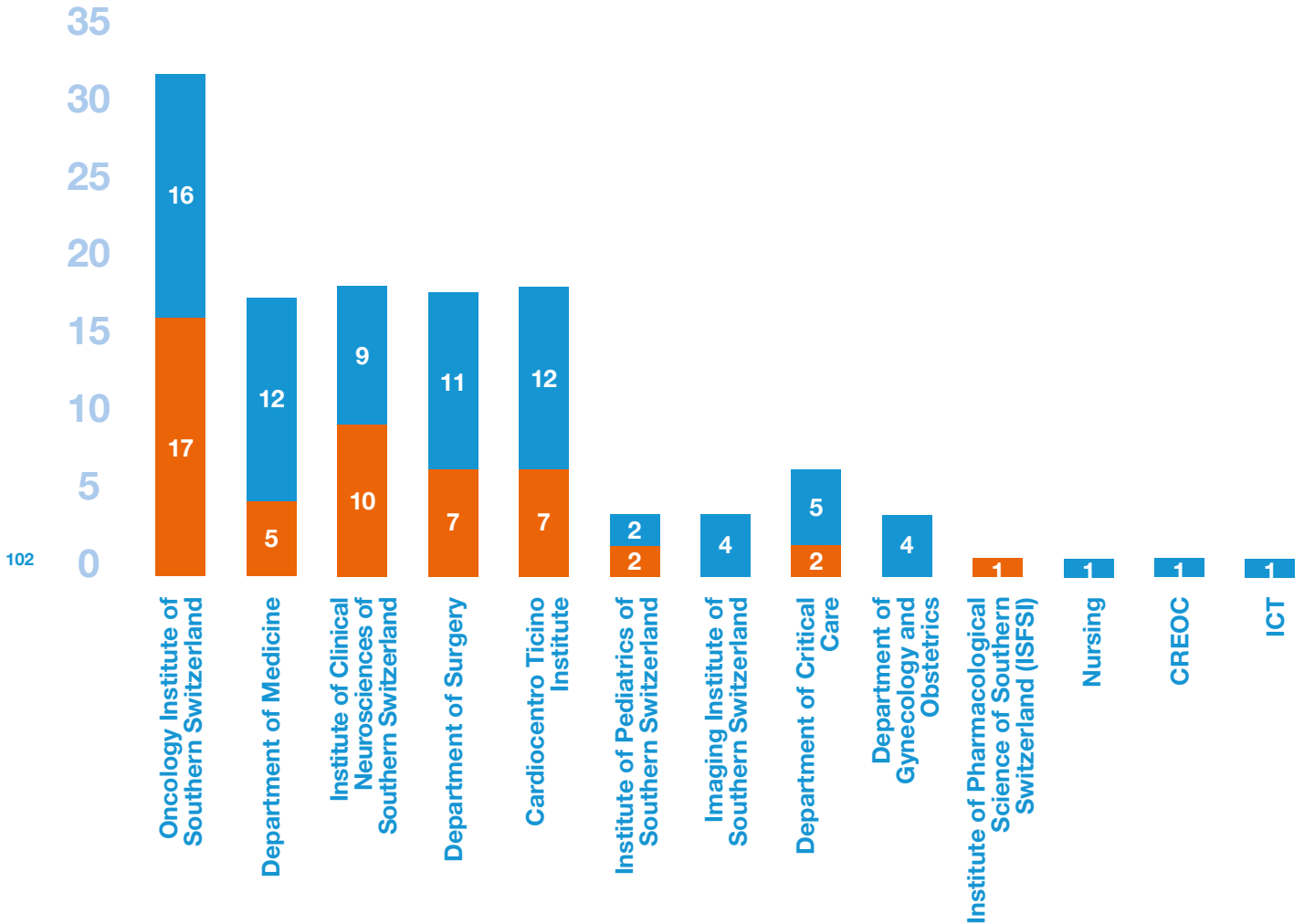


Figure 12.
Number of EOC research projects activated in 2023 by Institute/Department (N = 129)

Clinical and non-clinical trials are also shown.



Overall statistics are consistent with data reported in previous years, with a slightly increase of newly activated and funded research projects at the EOC hospitals and labs in 2023

Chapter VIII



WAZ		+113.51	▲	-99.31
RZ		-92.21	▲	-67.56
AW		+87.14	▲	-67.54
AD		+131.94	▲	-121.49
NEW		+74.68	▼	-67.24
AS		+94.71	▲	-61.41
AP		+77.91	▼	-59.36

Research funding



In the last years, external funding has become a critical component in advancing clinical and translational research in EOC. This funding is sourced from various entities, including private foundations, industry partners, government agencies, European and international programs, and other specialized funding bodies. Each of these founders play a pivotal role in enabling EOC to conduct cutting-edge research, develop innovative treatments, and translate scientific discoveries into practical applications that improve patient care. During 2023, about CHF 11 Mio of external funding for research activities were obtained. There was a 21% increase in overall EOC funding for both clinical and translational research, primarily driven by a substantial rise in industry funding and Swiss government grants.

EOC clinical research accounts for 71% of the total external funding. Landscape for clinical research in 2023 was heavily dominated by industry (63%), with moderate contributions from Swiss government agencies (21%), foundations (14%), and other European programs (2%). A significant rise in industry funding in 2023 suggests a growing interest in EOC research areas with high potential for new drug development and medical technologies: oncology, cardiology and neurology. In addition, industry involvement promoted clinical research collaborations with national and international networks to develop new drugs, therapies, medical devices, and other health-related products.

Translational research accounts for 29% of the total external funding received by EOC. The majority of funding for translational research comes from foundations (52%), which indicates that private, non-profit organizations play a crucial role in supporting this type of research. A significant portion of funding is from Swiss government sources (27%) and European projects (21%), suggesting that public sector investment is substantial. During 2023, EOC has implemented a funding strategy with USI to promote initiatives that incentivize investment from various sectors. Pairing successful EOC translational research projects with significant innovations, is expected to attract industry interest in investing in translational research and create new funding streams.





Research highlights



- Overall, EOC research activities in 2023 **confirmed the steady growth of productivity and outstanding quality** of the scientific outputs achieved in previous years, with increase of scientific publications in high-rated journals and increase of funded research projects.
- **771** peer-reviewed scientific articles were published in 2023, most of them as **original or review articles (676, 88%)**.
- Both **clinical and translational research** are performed in EOC. The majority of the scientific output of EOC research in 2023 was related to clinical research.
- Half of peer-reviewed original and review articles was published **in high-rated scientific journals (Q1 ranking)**, with a slightly increase compared to 2022, confirming the high quality of the EOC scientific production.
- Most of the peer-reviewed original and review articles (**91%**) was the result of **national or international collaborations**.
- The EOC researcher was the **first or last author in 42% (286)** of the original articles or reviews, which means that several research projects were conceived and conducted at EOC. Of them, nearly half were published in high-rated Q1 journals, slightly greater than the previous year.

- **129 new research projects involving persons** – 78 non-clinical and 51 clinical trials – were activated and **370 research projects** were ongoing at the EOC hospitals and labs in 2023.

- **About CHF 11 Mio of external funding** for research activities were obtained by EOC researchers in 2023. The external funding increased by 21% compared to the previous year. ICCT, IOSI, INSI and LRT-EOC achieved the highest external funding for current ongoing research projects.



Complete list of publications



Publications are listed in alphabetical order. EOC authors are highlighted in bold.

1. Abdelhak A, Benkert P, Schaedelin S, Boscardin WJ, Cordano C, Oechtering J, Ananth K, Granziera C, Melie-Garcia L, Montes SC, Beaudry-Richard A, Achtnichts L, Oertel FC, Lalive PH, Leppert D, Müller S, Henry RG, Pot C, Matthias A, Salmen A, Oksenberg JR, **Disanto G, Zecca C**, D'Souza M, Du Pasquier R, Bridel C, **Gobbi C**, Kappos L, Hauser SL, Cree BAC, Kuhle J, Green AJ. Neurofilament Light Chain Elevation and Disability Progression in Multiple Sclerosis. *JAMA Neurol.* 2023;80:1317-25. PMID [37930670](#)
2. Abdelhak A, Petermeier F, Benkert P, Schädelin S, Oechtering J, Maleska Maceski A, Kabesch M, Geis T, Laub O, Leipold G, **Gobbi C, Zecca C**, Green A, Tumani H, Willemse E, Wiendl H, Granziera C, Kappos L, Leppert D, Waubant E, Wellmann S, Kuhle J. Serum neurofilament light chain reference database for individual application in paediatric care: a retrospective modelling and validation study. *Lancet Neurol.* 2023;22:826-33. PMID [37524100](#)
3. Achtnichts L, **Zecca C**, Findling O, Kamm CP, Mueller S, Kuhle J, Lutterotti A, **Gobbi C**, Viviani C, Villiger-Borter E, Nedeltchev K. Correlation of disability with quality of life in patients with multiple sclerosis treated with natalizumab: primary results and post hoc analysis of the TYSabri ImPROvement study (PROTYS). *BMJ Neurol Open.* 2023;5:e000304. PMID [36727105](#)
4. Addetia A, Piccoli L, Case JB, Park YJ, Beltramello M, Guarino B, Dang H, de Melo GD, Pinto D, Sprouse K, Scheaffer SM, Bassi J, Silacci-Fregni C, Muoio F, Dini M, Vincenzetti L, Acosta R, Johnson D, Subramanian S, Saliba C, Giurdanella M, Lombardo G, Leoni G, Culap K, McAlister C, Rajesh A, Dellota E, Jr., Zhou J, Farhat N, Bohan D, Noack J, Chen A, Lempp FA, Quispe J, Kergoat L, Larrous F, Camerani E, Whitener B, **Giannini O, Cippà P, Ceschi A, Ferrari P**, Franzetti-Pellanda A, Biggiogero M, Garzoni C, Zappi S, Bernasconi L, Kim MJ, Rosen LE, Schnell G, Czudnochowski N, Benigni F, Franko N, Logue JK, Yoshiyama C, Stewart C, Chu H, Bourhy H, Schmid MA, Purcell LA, Snell G, Lanzavecchia A, Diamond MS, Corti D, Veessler D. Neutralization, effector function and immune imprinting of Omicron variants. *Nature.* 2023;621:592-601. PMID [37648855](#)
5. Ademaj A, Veltsista PD, Marder D, Hälgl RA, Puric E, Brunner TB, Crezee H, Gabrys D, Franckena M, Gani C, Horsman MR, Krempien R, Lindner LH, Maluta S, Notter M, Petzold G, Abdel-Rahman S, **Richetti A**, Thomsen AR, Tsoutsou P, Fietkau R, Ott OJ, Ghadjar P, Riesterer O. A patterns of care analysis of hyperthermia in combination with radio(chemo)therapy or chemotherapy in European clinical centers. *Strahlenther Onkol.* 2023;199:436-44. PMID [36038671](#)
6. Adi O, Fong CP, Sallehuddin RM, Ahmad AH, Sum KM, Yusof ZM, **Via G**, Tavazzi G. Airway ultrasound to detect subglottic secretion above endotracheal tube cuff. *Ultrasound J.* 2023;15:23. PMID [37148375](#)
7. Aebersold H, Foster-Wittassek F, Serra-Burriel M, Brünger B, Aeschbacher S, Beer JH, Blozik E, Blum M, Bonati L, Conen D, **Conte G**, Felder S, Huber C, Kuehne M, **Moschovitis G**, Mueller A, Paladini RE, Reichlin T, Rodondi N, Springer A, Stauber A, Sticherling C, Szucs T, Osswald S, Schwenkglenks M. Estimating the cost impact of atrial fibrillation using a prospective cohort study and population-based controls. *BMJ Open.* 2023;13:e072080. PMID [37709325](#)
8. Aebersold H, Serra-Burriel M, Foster-Wittassek F, **Moschovitis G**, Aeschbacher S, **Auricchio A**, Beer JH, Blozik E, Bonati LH, Conen D, Felder S, Huber CA, Kuehne M, Mueller A, Oberle J, Paladini RE, Reichlin T, Rodondi N, Springer A, Stauber A, Sticherling C, Szucs TD, Osswald S, Schwenkglenks M. Patient clusters and cost trajectories in the Swiss Atrial Fibrillation cohort. *Heart.* 2023;109:763-70. PMID [36332981](#)
9. Agosti R, Parzini C, Findling O, Myers P, Petersen JA, Ryvlin P, Sandor P, Stallmach M, **Zecca C**, Snellman J, Ritter S, Arzt ME, Rohrer S, Gantenbein AR. Prevalence and Burden of Migraine in Switzerland: Cross-Sectional Study in ten Specialised Headache Centres from the BECOME Study. *Pain Ther.* 2023;12:575-91. PMID [36842093](#)
10. Agricola E, Ancona F, Bartel T, Brochet E, Dweck M, **Faletra F**, Lancellotti P, Mahmoud-Elsayed H, Marsan NA, Maurovich-Hovart P, Monaghan M, Pontone G, Sade LE, Swaans M, Von Bardeleben RS, Wunderlich N, Zamorano JL, Popescu BA, Cosyns B, Donal E. Multimodality imaging for patient selection, procedural guidance, and follow-up of transcatheter interventions for structural heart disease: a consensus document of the EACVI Task Force on Interventional Cardiovascular Imaging: part 1: access routes, transcatheter aortic valve implantation, and transcatheter mitral valve interventions. *Eur Heart J Cardiovasc Imaging.* 2023;24:e209-e68. PMID [37283275](#)
11. Alachkar MN, Schnupp S, Eichelsdoerfer A, **Milzi A**, Mady H, Salloum B, Bisht O, Cheikh-Ibrahim M, Forkmann M, Krygier L, Mahnkopf C. Feasibility and Efficacy of Transcatheter Tricuspid Valve Repair in Patients with Cardiac Implanted Electrical Devices and Trans-Tricuspid Leads. *J Clin Med.* 2023;12:4930. PMID [37568330](#)
12. **Albanese J, Feltri P**, Boffa A, Werner BC, Traina F, **Filardo G**. Infection Risk Increases After Total Hip Arthroplasty Within 3 Months Following Intra-Articular Corticosteroid Injection. A Meta-Analysis on Knee and Hip Arthroplasty. *J Arthroplasty.* 2023;38:1184-93.e2. PMID [36592824](#)
13. Albano D, Bellini P, Dondi F, Calabrò A, Casella C, Taboni S, Lombardi D, **Treglia G**, Bertagna F. Temporal Evolution and Prognostic Role of Indeterminate Response Sub-Groups in Patients with Differentiated Thyroid Cancer after Initial Therapy with Radioiodine. *Cancers (Basel).* 2023;15:1270. PMID [36831612](#)
14. Albano D, Messina C, Gitto S, **Chianca V**, Sconfienza LM. Bone biopsies guided by augmented reality: a pilot study. *Eur Radiol Exp.* 2023;7:40. PMID [37468652](#)
15. Albano D, **Treglia G**, Dondi F, Calabrò A, Rizzo A, Annunziata S, Guerra L, Morbelli S, Tucci

- A, Bertagna F. (18)F-FDG PET/CT Maximum Tumor Dissemination (Dmax) in Lymphoma: A New Prognostic Factor? *Cancers (Basel)*. 2023;15:2494. PMID [37173962](#)
16. Alberti S, Ferri P, Ghirotto L, **Bonetti L**, Rovesti S, Vannini V, Jackson M, Rossi F, Caleffi D. The patient involvement in nursing education: A mixed-methods systematic review. *Nurse Educ Today*. 2023;128:105875. PMID [37336122](#)
 17. Alexandre AM, Colò F, Brunetti V, Valente I, Frisullo G, Pedicelli A, Scarcia L, Rollo C, Falcou A, Milonia L, Andrighetti M, Piano M, Macera A, Commodaro C, Ruggiero M, Da Ros V, Bellini L, Lazzarotti GA, Cosottini M, Caragliano AA, Vinci SL, Gabrieli JD, Causin F, Panni P, Roveri L, Limbucci N, Arba F, **Pileggi M**, **Bianco G**, Romano DG, Diana F, Semeraro V, Burdi N, Ganimede MP, Lozupone E, Fasano A, Lafe E, Cavallini A, Russo R, Bergui M, Calabresi P, Della Marca G, Broccolini A. Mechanical thrombectomy in minor stroke due to isolated M2 occlusion: a multicenter retrospective matched analysis. *J Neurointerv Surg*. 2023;15:e198-e203. PMID [36223995](#)
 18. **Alimonti A**. Overcoming immune evasion in advanced prostate cancer. *Clin Adv Hematol Oncol*. 2023;21:533-5. PMID [37948589](#)
 19. Altersberger VL, Sibolt G, Enz LS, Hametner C, Scheitz JF, Henon H, Bigliardi G, Strambo D, Martinez-Majander N, Stolze LJ, Heldner MR, Grisendi I, Jovanovic DR, Bejot Y, Pezzini A, Leker RR, Kägi G, Wegener S, **Cereda CW**, Ntaios G, De Marchis GM, Bonati LH, Psychogios M, Lyer P, Rätty S, Tiainen M, Wouters A, Caparros F, Heyse M, Erdur H, Padjen V, Zedde M, Arnold M, Nederkoorn PJ, Michel P, Zini A, Cordonnier C, Nolte CH, Ringleb PA, Curtze S, Engelter ST, Gensicke H. Intravenous Thrombolysis 4.5-9Hours After Stroke Onset: A Cohort Study from the TRISP Collaboration. *Ann Neurol*. 2023;94:309-20. PMID [37114466](#)
 20. **Altomare C**, Bartolucci C, Sala L, **Balbi C**, **Burrello J**, **Pietrogiovanna N**, **Burrello A**, **Bolis S**, **Panella S**, Arici M, Krause R, Rocchetti M, Severi S, **Barile L**. A dynamic clamping approach using in silico IK1 current for discrimination of chamber-specific hiPSC-derived cardiomyocytes. *Commun Biol*. 2023;6:291. PMID [36934210](#)
 21. Alvarez-Arzola R, Bancaro N, Lai P, Attanasio G, Pellegrini L, Troiani M, Colucci M, Mosole S, Pasquini E, **Alimonti A**, Mesa C. VSSP-activated macrophages mediate senescence and tumor inhibition in a preclinical model of advanced prostate cancer. *Cell Commun Signal*. 2023;21:76. PMID [37055829](#)
 22. **Amato N**, **Caverzasio S**, **Manconi M**, **Staedler C**, **Kaelin-Lang A**, **Galati S**. Slow wave activity across sleep-night could predict levodopa-induced dyskinesia. *Sci Rep*. 2023;13:15468. PMID [37726375](#)
 23. Amendola S, Wolde Sellasie S, Pedicini F, Carlini M, Russo G, **Ossola N**, **Leoncini A**, Botti F, Bonanno E, **Trimboli P**, Uccioli L. Evaluation of the Performance of ACR TI-RADS Also Considering Those Nodules with No Indication of FNAC: A Single-Center Experience. *J Clin Med*. 2023;12:398. PMID [36675326](#)
 24. Amicucci M, Simioli V, De Cecco V, **Orlando L**, Ciaralli I, Buccino A, Guidi B, Locatelli G, Palmieri C, Piazzalunga M, Proietti R, Pucci A, Botti S. Nursing Management in Pediatric Patients Undergoing Chimeric Antigen Receptor T (CAR-T) Cell Therapy: A Systematic Literature Review. *Semin Oncol Nurs*. 2023;39:151478. PMID [37544775](#)
 25. **Andriolo G**, **Provasi E**, **Brambilla A**, **Panella S**, **Soncin S**, **Cicero VL**, **Radrizzani M**, **Turchetto L**, **Barile L**. Methodologies for Scalable Production of High-Quality Purified Small Extracellular Vesicles from Conditioned Medium. *Methods Mol Biol*. 2023;2668:69-98. PMID [37140791](#)
 26. Angelillo-Scherrer A, Casini A, Studt JD, **Gerber B**, Alberio LA, Fontana P. Recommendations for the use of andexanet alfa in the management of bleeding in patients on oral factor Xa inhibitors in Switzerland: Guideline from the Working Party Hemostasis of the Swiss Society of Hematology. *Swiss Med Wkly*. 2023;153:40113. PMID [37499160](#)
 27. Angiolillo DJ, Galli M, **Landi A**, **Valgimigli M**. DAPT guided by platelet function tests or genotyping after PCI: pros and cons. *EuroIntervention*. 2023;19:546-8. PMID [37720965](#)
 28. **Anguissola G**, Leu D, **Simonetti GD**, **Simonetti Goeggel B**, Lava SAG, Milani GP, Bianchetti MG, Scoglio M. Kidney tubular injury induced by valproic acid: systematic literature review. *Pediatr Nephrol*. 2023;38:1725-31. PMID [36645492](#)
 29. Annunziata S, Testart N, Auf der Springe K, **Cuzzocrea M**, Nicod Lalonde M, Schaefer N, Prior JO, Garibotto V, **Treglia G**. Contrast enhanced CT on PET/CT imaging in clinical routine: an international survey. *Front Med (Lausanne)*. 2023;10:1290956. PMID [37908847](#)
 30. Annunziata S, **Treglia G**. Editorial: Radiomics and artificial intelligence in radiology and nuclear medicine. *Front Med (Lausanne)*. 2023;10:1216434. PMID [37287746](#)
 31. Araujo D, Greystoke A, Bates S, Bayle A, Calvo E, Castelo-Branco L, de Bono J, Drilon A, Garralda E, Ivy P, Kholmanskikh O, Melero I, Pentheroudakis G, Petrie J, Plummer R, Ponce S, Postel-Vinay S, Siu L, Spreafico A, **Stathis A**, Steeghs N, Yap C, Yap TA, Ratain M, Seymour L. Oncology phase I trial design and conduct: time for a change - MDICT Guidelines 2022. *Ann Oncol*. 2023;34:48-60. PMID [36182023](#)
 32. Ardolino LC, Dear R, Armstrong AJ, **Gillessen S**, Joshua AM. Re: Timothée Olivier, Kerrington Powell, Vinay Prasad. Lutetium-177-PSMA-617 in Metastatic Castration-resistant Prostate Cancer: Limitations of the VISION Trial. *Eur Urol*. 2023;84:4-6. *Eur Urol*. 2023;84:e94-e5. PMID [37355357](#)
 33. Arnold M, Richards M, D'Onofrio A, Faulkner B, Gulizia M, Thakur R, Sakata Y, Lin W, Pollastrelli A, Grammatico A, **Auricchio A**, Boriani G. Avoiding unnecessary ventricular pacing is associated with reduced incidence of heart failure hospitalizations and persistent atrial fibrillation in pacemaker patients. *Europace*. 2023;25:eua065. PMID [36942949](#)
 34. **Arrigoni C**, Ostano P, **Bersini S**, **Crippa M**, **Colombo MV**, Gilardi M, Zagra L, Mello-Grand M, Gregnanin I, Ghilardi C, Bani MR, **Candrian C**, Chiorino G, **Moretti M**. Differential angiogenesis

- of bone and muscle endothelium in aging and inflammatory processes. *Commun Biol*. 2023;6:126. PMID [36721025](#)
35. Arruga F, Rubin M, Papazoglou D, Iannello A, Ioannou N, Moia R, **Rossi D**, Gaidano G, Coscia M, Laurenti L, D'Arena G, Allan JN, Furman RR, Vaisitti T, Ramsay AG, Deaglio S. The immunomodulatory molecule TIGIT is expressed by chronic lymphocytic leukemia cells and contributes to anergy. *Haematologica*. 2023;108:2101-15. PMID [36655432](#)
 36. Ascione C, Kowalewski C, **Bergonti M**, Yokoyama M, Monaco C, Bouyer B, Chauvel R, Arnaud M, Buliard S, Tixier R, Vlachos K, Krisai P, Kamakura T, Takagi T, Duchateau J, Pambrun T, Derval N, Hocini M, Haïssaguerre M, Jaïs P, Sacher F. Omnipolar versus bipolar mapping to guide ventricular tachycardia ablation. *Heart Rhythm*. 2023;20:1370-7. PMID [37414109](#)
 37. Atar D, **Auricchio A**, Blomström-Lundqvist C. Cardiac device infection: removing barriers to timely and adequate treatment. *Eur Heart J*. 2023;44:3323-6. PMID [37529893](#)
 38. Attard G, Murphy L, Clarke NW, Sachdeva A, Jones C, Hoyle A, Cross W, Jones RJ, Parker CC, **Gillessen S**, Cook A, Brawley C, Gilson C, Rush H, Abdel-Aty H, Amos CL, Murphy C, Chowdhury S, Malik Z, Russell JM, Parkar N, Pugh C, Diaz-Montana C, Pezaro C, Grant W, Saxby H, Pedley I, O'Sullivan JM, Birtle A, Gale J, Srihari N, Thomas C, Tanguay J, Wagstaff J, Das P, Gray E, Alzouebi M, Parikh O, Robinson A, Montazeri AH, Wylie J, Zarkar A, Cathomas R, Brown MD, Jain Y, Dearnaley DP, Mason MD, Gilbert D, Langley RE, Millman R, Matheson D, Sydes MR, Brown LC, Parmar MKB, James ND. Abiraterone acetate plus prednisolone with or without enzalutamide for patients with metastatic prostate cancer starting androgen deprivation therapy: final results from two randomised phase 3 trials of the STAMPEDE platform protocol. *Lancet Oncol*. 2023;24:443-56. PMID [37142371](#)
 39. Aubert C, **Gabutti L**, Genné D, Reny JL. Smarter Medicine : donnons-nous les moyens avec les bons soutiens! *Rev Med Suisse*. 2023;19:1963-4. PMID [37878094](#)
 40. **Auricchio A**, Demarchi A, Özkartal T, Campanale D, **Caputo ML**, di Valentino M, Menafoglio A, Regoli F, Facchini M, Del Bufalo A, Foglia P, Ferrari N, Bomio F, Medeiros-Domingo A, Moccetti T, Pedrazzini GB, Klersy C, Conte G. Role of genetic testing in young patients with idiopathic atrioventricular conduction disease. *Europace*. 2023;25:643-50. PMID [36352534](#)
 41. **Auricchio A**, Hindricks G, Camm JA, Sutton R. A European journal serving the world electrophysiological community: 25 years of EP Europace journal. *Europace*. 2023;25:eua207. PMID [37622572](#)
 42. **Auricchio A**. Editorial. *Europace*. 2023;25:1-3. PMID [36572631](#)
 43. Avery EF, Kleynhans JN, Ledergerber B, Schoepf IC, Thorball CW, Kootstra NA, Reiss P, Ryom L, Braun DL, Thurnheer MC, Marzolini C, Seneghini M, **Bernasconi E**, Cavassini M, Buvelot H, Kouyos RD, Fellay J, Günthard HF, Tarr PE. Leukocyte Count and Coronary Artery Disease Events in People With Human Immunodeficiency Virus: A Longitudinal Study. *Clin Infect Dis*. 2023;76:1969-79. PMID [36688465](#)
 44. Balafas S, **Gagliano V**, Di Serio C, **Guidugli GA**, **Saporito A**, **Gabutti L**, **Ferrari P**. Differential impact of transfusion guidelines on blood transfusion practices within a health network. *Sci Rep*. 2023;13:6264. PMID [37069210](#)
 45. Balakrishna S, Loosli T, Zaheri M, Frischknecht P, Huber M, Kusejko K, Yerly S, Leuzinger K, Perreau M, Ramette A, Wymant C, Fraser C, Kellam P, Gall A, Hirsch HH, Stoeckle M, Rauch A, Cavassini M, **Bernasconi E**, Notter J, Calmy A, Günthard HF, Metzner KJ, Kouyos RD. Frequency matters: comparison of drug resistance mutation detection by Sanger and next-generation sequencing in HIV-1. *J Antimicrob Chemother*. 2023;78:656-64. PMID [36738248](#)
 46. **Balbi C**, Smart N. Epicardioids: a novel tool for cardiac regeneration research? *Cardiovasc Res*. 2023;119:e164-e6. PMID [38006323](#)
 47. Baldi E, **Conte G**, Zeppenfeld K, Lenarczyk R, Guerra JM, Farkowski MM, de Asmundis C, Boveda S. Contemporary management of ventricular electrical storm in Europe: results of a European Heart Rhythm Association Survey. *Europace*. 2023;25:1277-83. PMID [36196613](#)
 48. Baldi E, D'Alto A, Benvenuti C, **Caputo ML**, Cresta R, Cianella R, **Auricchio A**. Perceived threats and challenges experienced by first responders during their mission for an out-of-hospital cardiac arrest. *Resusc Plus*. 2023;14:100403. PMID [37287957](#)
 49. Balzano E, **Bernardi L**, **Roesel R**, Vagelli F, Ghinolfi D, Tincani G, Catalano G, Melandro F, **Petrusic A**, **Popeskou SG**, **Christoforidis D**, **Majno-Hurst P**, De Simone P, **Cristaudi A**. Robotic versus laparoscopic liver resections: propensity-matched comparison of two-center experience. *Surg Endosc*. 2023;37:8123-32. PMID [37721588](#)
 50. Bamias A, Stenzl A, Brown SL, Albiges L, Babjuk M, Birtle A, Briganti A, Burger M, Choudhury A, Coicchia M, De Santis M, Fanti S, Fonteyne V, Gallucci M, Rivas JG, Huddart R, Junker K, Kroeze S, Loriot Y, Merseburger A, Montironi R, Necchi A, Oing C, Oldenburg J, Ost P, Pinkawa M, Ribal MJ, Rouprêt M, Thoeny H, **Zilli T**, Hoskin P. Definition and Diagnosis of Oligometastatic Bladder Cancer: A Delphi Consensus Study Endorsed by the European Association of Urology, European Society for Radiotherapy and Oncology, and European Society of Medical Oncology Genitourinary Faculty. *Eur Urol*. 2023;84:381-9. PMID [37217391](#)
 51. Bancaro N, Cali B, Troiani M, Elia AR, Arzola RA, Attanasio G, Lai P, Crespo M, Gurel B, Pereira R, Guo C, Mosole S, Brina D, D'Ambrosio M, Pasquini E, Spataro C, Zagato E, Rinaldi A, Pedotti M, **Di Lascio S**, Meani F, Montopoli M, **Ferrari M**, **Gallina A**, Varani L, **Pereira Mestre R**, Bolis M, **Gillessen Sommer S**, de Bono J, Calcinotto A, **Alimonti A**. Alimoprotein E induces pathogenic senescent-like myeloid cells in prostate cancer. *Cancer Cell*. 2023;41:602-19. e11. PMID [36868226](#)
 52. Banys-Paluchowski M, Kühn T, Masannat Y, Rubio I, de Boniface J, Ditsch N, Karadeniz

- Cakmak G, Karakatsanis A, Dave R, Hahn M, Potter S, Kothari A, Gentilini OD, Gulluoglu BM, Lux MP, Smidt M, Weber WP, Aktas Sezen B, Krawczyk N, Hartmann S, Di Micco R, Nietz S, Malherbe F, Cabioglu N, Canturk NZ, **Gasparri ML**, Murawa D, Harvey J. Localization Techniques for Non-Palpable Breast Lesions: Current Status, Knowledge Gaps, and Rationale for the MELODY Study (EUBREAST-4/iBRA-NET, NCT 05559411). *Cancers (Basel)*. 2023;15:1173. PMID [36831516](#)
53. Banys-Paluchowski M, Untch M, Krawczyk N, Thurmann M, Kühn T, Sehouli J, **Gasparri ML**, de Boniface J, Gentilini OD, Stickeler E, Ditsch N, Rody A, Paluchowski P, Blohmer JU. Current trends in diagnostic and therapeutic management of the axilla in breast cancer patients receiving neoadjuvant therapy: results of the German-wide NOGGO MONITOR 24 survey. *Arch Gynecol Obstet*. 2023;307:1547-56. PMID [36214890](#)
54. Baptista Peixoto Befecadu F, Stirnemann J, Guerreiro I, **Fusi-Schmidhauser T**, Jaksic C, Larkin PJ, da Rocha Rodrigues G, Pautex S. PANDORA dyadic project: hope, spiritual well-being and quality of life of dyads of patients with chronic obstructive pulmonary disease in Switzerland - a multicentre longitudinal mixed-methods protocol study. *BMJ Open*. 2023;13:e068340. PMID [37173103](#)
55. Barba M, Cola A, Melocchi T, **Braga A, Castronovo F**, Manodoro S, Pennacchio M, Munno GM, Ruffolo AF, Degliuomini RS, Salvatore S, Torella M, Frigerio M. Italian validation of the Pelvic Floor Distress Inventory (PFDI-20) questionnaire. *Int Urogynecol J*. 2023;34:2459-65. PMID [37195425](#)
56. Barco S, Virdone S, Götschi A, Ageno W, Arcelus JI, Bingisser R, Colucci G, Cools F, Duerschmied D, Gibbs H, Fumagalli RM, **Gerber B**, Haas S, Himmelreich JCL, Hobbs R, Hobohm L, Jacobson B, Kayani G, Lopes RD, MacCallum P, Micieli E, Righini M, Robert-Ebadi H, Rocha AT, Rosemann T, Sawhney J, Schellong S, Sebastian T, Spirk D, Stortecky S, Turpie AGG, Voci D, Kucher N, Pieper K, Held U, Kakkar AK. Enoxaparin for symptomatic COVID-19 managed in the ambulatory setting: An individual patient level analysis of the OVID and ETHIC trials. *Thromb Res*. 2023;230:27-32. PMID [37625200](#)
57. **Barile L**. Extracellular Vesicles as Bridges Between Host Immune Cells and Graft Organ During Cellular Rejection. *JACC Basic Transl Sci*. 2023;8:457-9. PMID [37325403](#)
58. Barison A, Ricci F, **Pavon AG**, Muscogiuri G, Bisaccia G, Camastra G, De Lazzari M, Lanzillo C, Raguso M, Monti L, Vargiu S, Pedrotti P, Piacenti M, Todiere G, Pontone G, Indolfi C, Dellegrottaglie S, Lombardi M, Schwitter J, Aquaro GD, On Behalf Of The Ricami Investigators Risonanza Magnetica Cardiaca Nei Portatori di PI, On Behalf Of The Working Group On Cardiovascular Magnetic Resonance Of The Italian Society Of C. Cardiovascular Magnetic Resonance in Patients with Cardiac Electronic Devices: Evidence from a Multicenter Study. *J Clin Med*. 2023;12:6673. PMID [37892813](#)
59. Baroutsou V, Duong V, Signorini A, Saccilotto R, Ciorba FM, Bürki N, Caiata-Zufferey M, Ryu JM, Kim SW, Lim MC, Monnerat C, Zürrer-Härdi U, Kim J, Heinimann K, **Graffeo R**, Park JS, Rabaglio M, Chappuis PO, Kim S, Katapodi MC, On Behalf Of The C, Consortia KC. Acceptability and Usability of the Family Gene Toolkit for Swiss and Korean Families Harboring BRCA1/BRAC2 Pathogenic Variants: A Web-Based Platform for Cascade Genetic Testing. *Cancers (Basel)*. 2023;15:4485. PMID [37760455](#)
60. Barreca M, Spanò V, Rocca R, Bivacqua R, Gualtieri G, Raimondi MV, **Gaudio E**, Bortolozzi R, Manfreda L, Bai R, Montalbano A, Alcaro S, Hamel E, **Bertoni F**, Viola G, Barraja P. Identification of pyrrolo[3',4':3,4]cyclohepta[1,2-d][1,2]oxazoles as promising new candidates for the treatment of lymphomas. *Eur J Med Chem*. 2023;254:115372. PMID [37068384](#)
61. Bass RD, García-García HM, Ueki Y, Holmvang L, **Pedrazzini G**, Roffi M, Koskinas KC, Shibusatani H, Losdat S, Ziemer PGP, Blanco PJ, Levine MB, Bourantas CV, Räber L. Effect of High-Intensity Statin Therapy on Atherosclerosis (IBIS-4): Manual Versus Automated Methods of IVUS Analysis. *Cardiovasc Revasc Med*. 2023;54:33-8. PMID [37087308](#)
62. Battaglia Y, **Bellasi A**, Esposito P, Bortoluzzi A, Rotondi S, Andreucci M, Fiorini F, Russo D, Storari A. The Impact of Cholecalciferol Supplementation on Bone Mineral Density in Long-Term Kidney Transplant Recipients. *Biomolecules*. 2023;13:629. PMID [37189376](#)
63. Baumgartner P, Reiner MF, Wiencierz A, Coslovsky M, Bonetti NR, Filipovic MG, Aeschbacher S, Kühne M, Zuern CS, Rodondi N, Oberle J, **Moschovitis G**, Lüscher TF, Camici GG, Osswald S, Conen D, Beer JH. Omega-3 Fatty Acids and Heart Rhythm, Rate, and Variability in Atrial Fibrillation. *J Am Heart Assoc*. 2023;12:e027646. PMID [37259986](#)
64. Bausart B, **Venier A**, Jouinot A, Reuter G, Gaillard S. Closure strategy for endoscopic pituitary surgery: Experience from 3015 patients. *Front Oncol*. 2022;12:1067312. PMID [36686774](#)
65. Bedi MS, Raheja A, Katiyar V, Mishra S, Garg K, Narwal P, Ganeshkumar A, Sharma R, Tandon V, **Milani D**, Servadei F, Suri A, Kale SS. SimSpine: A Cost-Effective Spinal Endoscopy Training Prototype for Neurosurgical Residents Skills Training. *World Neurosurg*. 2023;173:e683-e98. PMID [36889639](#)
66. **Bedulli M**, Falvo I, **Merlani P**, Hurst S, Fadda M. Obstacles to patient inclusion in CPR/DNAR decisions and challenging conversations: A qualitative study with internal medicine physicians in Southern Switzerland. *PLoS One*. 2023;18:e0282270. PMID [36947569](#)
67. Beije N, Abida W, Antonarakis ES, Castro E, de Wit R, Fizazi K, **Gillessen S**, Hussain M, Mateo J, Morris MJ, Olmos D, Sartor O, Sharp A, Sweeney CJ, de Bono JS. PARP Inhibitors for Prostate Cancer: Tangled up in PROfound and PROpel (and TALAPRO-2) Blues. *Eur Urol*. 2023;84:253-6. PMID [37087376](#)
68. **Beltraminelli H**. Cutaneous T-cell lymphoma-Focus on some problems, and some solutions. *Hematol Oncol*. 2023;41 Suppl 1:20-4. PMID [37294972](#)
69. **Beltraminelli T, Rizzato A, Toniolo K, Galli A, Menghini M**. Comparison of visual performances

- of enhanced monofocal versus standard monofocal IOLs in a mini-monovision approach. *BMC Ophthalmol.* 2023;23:170. PMID [37085852](#)
70. Bendixen KK, Mindegaard M, **Epistolio S, Dazio G, Marchi F, Spina P**, Arnspang EC, Soerensen M, Christensen UB, **Frattini M**, Petersen RK. A qPCR technology for direct quantification of methylation in untreated DNA. *Nat Commun.* 2023;14:5153. PMID [37620381](#)
 71. **Bensa A, Sangiorgio A, Deabate L**, Illuminati A, **Pompa B, Filardo G**. Robotic-assisted mechanically aligned total knee arthroplasty does not lead to better clinical and radiological outcomes when compared to conventional TKA: a systematic review and meta-analysis of randomized controlled trials. *Knee Surg Sports Traumatol Arthrosc.* 2023;31:4680-91. PMID [37270464](#)
 72. **Bergamaschi L, Pavon AG**, Angeli F, Tuttolomondo D, Belmonte M, Armillotta M, Sansonetti A, Foà A, Paolisso P, Baggiano A, Mushtaq S, De Zan G, Carriero S, Cramer MJ, Teske AJ, Broekhuizen L, van der Bilt I, Muscogiuri G, Sironi S, **Leo LA**, Gaibazzi N, Lovato L, Pontone G, Pizzi C, Guglielmo M. The Role of Non-Invasive Multimodality Imaging in Chronic Coronary Syndrome: Anatomical and Functional Pathways. *Diagnostics (Basel).* 2023;13:2083. PMID [37370978](#)
 73. **Bergonti M**, Ascione C, Marcon L, Pambrun T, Della Rocca DG, Ferrero TG, Pannone L, Kühne M, Compagnucci P, Bonomi A, Gevaert AB, Anselmino M, Casella M, Krisai P, Tondo C, Rodríguez-Mañero M, Derval N, Chierchia GB, de Asmundis C, Heidbuchel H, Jais P, Sarkozy A. Left ventricular functional recovery after atrial fibrillation catheter ablation in heart failure: a prediction model. *Eur Heart J.* 2023;44:3327-35. PMID [37387689](#)
 74. Bertolini G, **Pagnamenta A**, Kunz A, Del Torso A, Bron D. Reduction of the vertical vestibular-ocular reflex in military aircraft pilots exposed to tactical, high-performance flight. *Front Neurol.* 2023;14:949227. PMID [37360332](#)
 75. Biasco L, Foster-Witassek F, Radovanovic D, Dittli P, **Tersalvi G**, Rickli H, Roffi M, Eberli F, Jeger R, Erne P, **Pedrazzini G**. Prognostic value of low heart rates in patients admitted with acute myocardial infarction. *Rev Esp Cardiol (Engl Ed).* 2023;76:626-34. PMID [36746231](#)
 76. Biasco L, Klersy C, Benfari G, Biaggi P, Corti R, Curti M, Gaemperli O, Jeger R, Maisano F, Mueller O, Naegeli B, Noble S, Praz F, **Tersalvi G**, Toggweiler S, **Valgimigli M**, Enriquez-Sarano M, **Pedrazzini G**. Restoration of Life Expectancy After Transcatheter Edge-to-Edge Mitral Valve Repair. *JACC Cardiovasc Interv.* 2023;16:2231-41. PMID [37632476](#)
 77. **Billia F, Palmieri N, Maccari A, Menna F, Consigli A**. Hypertensive Retinopathy as a Presenting Sign of Pheochromocytoma with Malignant Hypertension: A Child Case. *Case Rep Ophthalmol.* 2023;14:348-52. PMID [37901632](#)
 78. Bini F, Pica A, Marinozzi F, Giusti A, **Leoncini A, Trimboli P**. Model-Optimizing Radiofrequency Parameters of 3D Finite Element Analysis for Ablation of Benign Thyroid Nodules. *Bioengineering (Basel).* 2023;10:1210. PMID [37892940](#)
 79. Bischof MCM, Stadelmann MIE, **Janett S**, Bianchetti MG, Camozzi P, **Goeggel Simonetti B**, Lava SAG, Milani GP. Valproic Acid-Associated Acute Pancreatitis: Systematic Literature Review. *J Clin Med.* 2023;12:6044. PMID [37762984](#)
 80. Blondeaux E, Arecco L, Punie K, **Graffeo R**, Toss A, De Angelis C, Trevisan L, Buzzatti G, Linn SC, Dubsy P, Cruellas M, Partridge AH, Balmaña J, Paluch-Shimon S, Lambertini M. Germline TP53 pathogenic variants and breast cancer: A narrative review. *Cancer Treat Rev.* 2023;114:102522. PMID [36739824](#)
 81. Blondet F, Kraege V, Cavassini M, Damas Fernandez J, Vollenweider P, Wandeler G, Hoffman M, Calmy A, Stoeckle M, **Bernasconi E**, Hasse B, Marques-Vidal P, Méan M. Comparison of five different risk scores to predict incident type 2 diabetes in the Swiss HIV cohort study. *Aids.* 2023;37:935-9. PMID [36651826](#)
 82. Boffa A, **Filardo G**. Platelet-Rich Plasma for Intra-articular Injections: Preclinical and Clinical Evidence. *Methods Mol Biol.* 2023;2598:381-90. PMID [36355307](#)
 83. Boffa A, Perucca Orfei C, Sourugeon Y, Laver L, Magalon J, Sánchez M, Tischer T, de Girolamo L, **Filardo G**. Cell-based therapies have disease-modifying effects on osteoarthritis in animal models. A systematic review by the ESSKA Orthobiologic Initiative. Part 2: bone marrow-derived cell-based injectable therapies. *Knee Surg Sports Traumatol Arthrosc.* 2023;31:3230-42. PMID [36823238](#)
 84. Bogani G, Di Donato V, **Papadia A**, Buda A, Casarin J, Multinu F, Plotti F, **Gasparri ML**, Pinelli C, Perrone AM, Ferrero S, Sorbi F, Landoni F, Palaia I, Perniola G, De Iaco P, Cianci S, Alletti SG, Petrillo M, Vizzielli G, Fanfani F, Angioli R, Muzii L, Ghezzi F, Vizza E, Mueller MD, Scambia G, Panici PB, Raspagliesi F. Hysterectomy alone vs. hysterectomy plus sentinel node mapping in endometrial cancer: Perioperative and long-term results from a propensity-score based study. *Eur J Surg Oncol.* 2023;49:1037-43. PMID [36801150](#)
 85. Bögershausen LR, **Giovanella L**, Stief T, Luster M, Verburg FA. Long-term predictive value of highly sensitive thyroglobulin measurement. *Clin Endocrinol (Oxf).* 2023;98:622-8. PMID [36263618](#)
 86. Bombardieri AM, Albers GW, Rodriguez S, **Pileggi M**, Steinberg GK, Heit JJ. Percutaneous cervical sympathetic block to treat cerebral vasospasm and delayed cerebral ischemia: a review of the evidence. *J Neurointerv Surg.* 2023;15:1212-7. PMID [36597947](#)
 87. Bomben R, Zucchetto A, Pozzo F, Tissino E, Bittolo T, Olivieri J, Chiarenza A, Zaja F, Del Principe MI, **Rossi D**, Gattei V. TP53 Mutations and Clinical Outcome in Chronic Lymphocytic Leukemia: Is a Threshold Still Needed? *Hemasphere.* 2023;7:e855. PMID [37034005](#)
 88. Bompani N, Bertella L, Barbieri V, **Scarabel L**, Scarpina F, Perucca L, Rossi P. The predictive role of fatigue and neuropsychological components on functional outcomes in COVID-19 after a multidisciplinary rehabilitation program. *J Int Med Res.* 2023;51:3000605221148435. PMID [36650909](#)
 89. **Bonanni M, Angelini G, Leo LA, Schlossbauer SA, Bergamaschi L, Landi A**, Sangiorgi GM,

- Forleo C, **Pasotti E, Pedrazzini G, Valgimigli M, Faletta FF**, Guglielmo M, **Pavon AG**. Multimodality Imaging Evaluation to Detect Subtle Right Ventricular Involvement in Patients with Acute Myocarditis and Preserved Left Ventricular Ejection Fraction. *J Clin Med*. 2023;12:4308. PMID [37445342](#)
90. **Bongiovanni D, Loizzi F, Landi A, Utsch L, Araco M, Joner M, Valgimigli M**. EnVast Mechanical Thrombectomy After Thrombus Aspiration Failure in a STEMI With a Massive Thrombotic Burden. *JACC Cardiovasc Interv*. 2023;16:112-5. PMID [36599578](#)
91. **Bongiovanni D**, Schreiner N, Gosetti R, Mayer K, Angiolillo DJ, Sibbing D, Holdenrieder S, Anetsberger A, von Scheidt M, Schunkert H, Laugwitz KL, Schüpke S, Kastrati A, Fegers-Wustrow I, Bernlochner I. Immature Platelet Fraction Predicts Adverse Events in Patients With Acute Coronary Syndrome: the ISAR-REACT 5 Reticulated Platelet Substudy. *Arterioscler Thromb Vasc Biol*. 2023;43:e83-e93. PMID [36546322](#)
92. **Bongiovanni M, Barda B, Benedetto CD, Piccinini D, Bernasconi E**. Worm globalization. *Acta Trop*. 2023;244:106941. PMID [37169218](#)
93. **Bongiovanni M, Barda B, Lucchini GM, Gaia V, Merlani G, Bernasconi E**. Invasive Listeriosis in Southern Switzerland: A Local Problem That Is Actually Global. *Clin Infect Dis*. 2023;77:161-2. PMID [36999921](#)
94. **Bongiovanni M, Barda B**. Pseudomonas aeruginosa Bloodstream Infections in SARS-CoV-2 Infected Patients: A Systematic Review. *J Clin Med*. 2023;12:2252. PMID [36983256](#)
95. **Bongiovanni M**, Barilaro G, Bini F. Twelve-month clinical, functional, and radiological outcomes in patients hospitalized for SARS-CoV-2 pneumonia. *J Med Virol*. 2023;95:e28524. PMID [36695513](#)
96. **Bongiovanni M, Piccinini D, Aschwanden FJ, Bernasconi E**. Red herrings in monkeypox. *J Infect*. 2023;86:66-117. PMID [36273643](#)
97. **Bongiovanni M**, Zanini U, Bodini BD, Corbetta E, Bini F. Systemic consequences of COVID-19 infection in patients requiring mechanical ventilation: a 12-month prospective study. *Infection*. 2023;51:537-9. PMID [36125627](#)
98. Boriani G, **Auricchio A**, Botto GL, Joseph JM, Roberts GJ, Grammatico A, Nabutovsky Y, Piccini JP. Insertable cardiac monitoring results in higher rates of atrial fibrillation diagnosis and oral anticoagulation prescription after ischaemic stroke. *Europace*. 2023;25:euad212. PMID [37490349](#)
99. **Bosetti DG, Angrisani A, Castronovo FM, Pesce GA, Zilli T**. Magnetic resonance imaging-guided stereotactic body radiotherapy for prostate cancer: more than a simple "MIRAGE"? *Transl Cancer Res*. 2023;12:2454-7. PMID [37969364](#)
100. Bottoni G, Fiz F, Puntoni M, Matteucci F, Monti M, DeCensi A, Nanni O, Brain E, Alberini JL, Dib B, Sacchetti G, **Trimboli P, Treglia G**, Harbeck N, Sola S, Gennari A, Piccardo A. Diagnostic effectiveness of [(18)F]Fluoroestradiol PET/CT in oestrogen receptor-positive breast cancer: the key role of histopathology. Evidence from an international multicentre prospective study. *Eur J Nucl Med Mol Imaging*. 2023;50:2477-85. PMID [36879065](#)
101. Boyd LNC, Ali M, Leeflang MMG, **Treglia G**, de Vries R, Le Large TYS, Besselink MG, Giovannetti E, van Laarhoven HWM, Kazemier G. Diagnostic accuracy and added value of blood-based protein biomarkers for pancreatic cancer: A meta-analysis of aggregate and individual participant data. *EClinicalMedicine*. 2023;55:101747. PMID [36457649](#)
102. Bozzao A, Weber D, Crompton S, Braz G, Csaba D, Dhermain F, Finocchiaro G, Flannery T, Kramm C, Law I, Marucci G, Oliver K, Ostgathe C, Pattera R, **Pesce G**, Smits M, Soffietti R, Terkola R, Watts C, Costa A, Poortmans P. European Cancer Organisation Essential Requirements for Quality Cancer Care: Adult glioma. *J Cancer Policy*. 2023;38:100438. PMID [37634617](#)
103. **Braga A**, Barba M, Serati M, Soligo M, Li Marzi V, Finazzi Agrò E, Musco S, **Caccia G, Castronovo F**, Manodoro S, Frigerio M. Update on Italian-validated questionnaires for pelvic floor disorders. *Minerva Obstet Gynecol*. 2023;75:62-8. PMID [34328299](#)
104. **Braga A**, Galli L, **Caccia G, Amato G, Papadia A**, Torella M, Salvatore S, Scancarello C, Baruch Y, Serati M. Is Diastasis Recti Abdominis Rehabilitation after Childbirth Able to Prevent the Onset of Stress Urinary Incontinence? A Case-Control Study. *Medicina (Kaunas)*. 2023;59:2182. PMID [38138285](#)
105. **Braga A**, Serati M. New Advances in Female Pelvic Floor Dysfunction Management. *Medicina (Kaunas)*. 2023;59:1010. PMID [37374214](#)
106. **Braga A**, Serati M. Re: Single-incision Mini-slings for Stress Urinary Incontinence in Women. *Eur Urol*. 2023;83:372. PMID [36604275](#)
107. Brambilla S, Guiotto M, Torretta E, Armenia I, **Moretti M**, Gelfi C, Palombella S, di Summa PG. Human platelet lysate stimulates neurotrophic properties of human adipose-derived stem cells better than Schwann cell-like cells. *Stem Cell Res Ther*. 2023;14:179. PMID [37480149](#)
108. Bravi CA, Gandaglia G, Mazzone E, **Fossati N, Gallina A**, Stabile A, Scuderi S, Barletta F, Nocera L, Rosiello G, Martini A, Pellegrino F, Cucchiara V, Dehò F, Capitanio U, Scattoni V, Salonia A, Briganti A, Montorsi F. Impact of Early Dorsal Venous Complex Ligation on Urinary Continence Recovery after Robot-assisted Radical Prostatectomy: Results from a Phase 3 Randomized Controlled Trial. *Eur Urol Focus*. 2023;9:83-8. PMID [36154808](#)
109. Bregni G, **Trevisi E**, Saúde Conde R, Vanhooren M, Akin Telli T, Assaf I, Hendlisz A, Di Maio M, Sclafani F. Preexisting evidence and outcome of phase III trials in gastrointestinal oncology: a systematic review. *J Natl Cancer Inst*. 2023;115:505-13. PMID [36762842](#)
110. Brina D, Ponzoni A, Troiani M, Cali B, Pasquini E, Attanasio G, Mosole S, Miranda M, D'Ambrosio M, Colucci M, Guccini I, Revandkar A, Alajati A, Tebaldi T, Donzel D, Lauria F, Parhizgari N, Valdata A, Maddalena M, Calcinotto A, Bolis M, Rinaldi A, Barry S, Rüschoff JH, Sabbadin M, Sumanasuriya S, Crespo M, Sharp A, Yuan W, Grinu M, Boyle A, Miller C, Trotman L, Delaleu N, Fassan M, Moch

- H, Viero G, de Bono J, **Alimonti A**. The Akt/mTOR and MNK/elf4E pathways rewire the prostate cancer translome to secrete HGF, SPP1 and BGN and recruit suppressive myeloid cells. *Nat Cancer*. 2023;4:1102-21. PMID [37460872](#)
111. Broccolini A, Brunetti V, Colò F, Alexandre AM, Valente I, Falcou A, Frisullo G, Pedicelli A, Scarcia L, Scala I, Rizzo PA, Bellavia S, Camilli A, Milonia L, Piano M, Macera A, Commodaro C, Ruggiero M, Da Ros V, Bellini L, Lazzarotti GA, Cosottini M, Caragliano AA, Vinci SL, Gabrieli JD, Causin F, Panni P, Roveri L, Limbucci N, Arba F, **Pileggi M**, **Bianco G**, Romano DG, Frauenfelder G, Semeraro V, Ganimede MP, Lozupone E, Fasano A, Lefe E, Cavallini A, Russo R, Bergui M, Calabresi P, Della Marca G. Early neurological deterioration in patients with minor stroke due to isolated M2 occlusion undergoing medical management: a retrospective multicenter study. *J Neurointerv Surg*. 2023;16:38-44. PMID [36977569](#)
112. **Bronz G**, Gianini J, Passi AG, **Rizzi M**, Bergmann MM, Milani GP, Lava SAG, Bianchetti MG, Terziroli Beretta-Piccoli B, **Vanoni F**. Autoimmune markers and vascular immune deposits in Finkelstein-Seidlmayer vasculitis: Systematic literature review. *J Autoimmun*. 2023;136:103002. PMID [36822150](#)
113. **Bronz G**, **Zanetti B**, Bianchetti MG, Milani GP, Lava SAG, Neuhaus TJ, Witschi A, **Kottanattu L**. Bilateral upper eyelid swelling (Hoagland sign) in Epstein-Barr infectious mononucleosis: prospective experience. *Infection*. 2023;51:471-4. PMID [36224451](#)
114. **Bruzzone F**, **Beltraminelli T**, **Casanova A**, **Menghini M**. Management of Coats-Like Disease in a Forty-Four-Year-Old Patient with FSHD Type I. *Case Rep Ophthalmol*. 2023;14:250-6. PMID [37383166](#)
115. Buda A, Paniga C, Taskin S, Mueller M, Zapardiel I, Fanfani F, Puppo A, Casarin J, **Papadia A**, De Ponti E, Grassi T, Mauro J, Turan H, Vatansever D, Gungor M, Ortog F, Imboden S, Garcia-Pineda V, Mohr S, Siegenthaler F, Perotto S, Landoni F, Ghezzi F, Scambia G, Taskiran C, Fruscio R. The Risk of Recurrence in Endometrial Cancer Patients with Low-Volume Metastasis in the Sentinel Lymph Nodes: A Retrospective Multi-Institutional Study. *Cancers (Basel)*. 2023;15:2052. PMID [37046712](#)
116. Buda A, Signorelli M, **Papadia A**. Correspondence on 'Long-term survival outcomes in high-risk endometrial cancer patients undergoing sentinel lymph node biopsy alone versus lymphadenectomy' by Capozzi et al. *Int J Gynecol Cancer*. 2023;33:1668-9. PMID [37666525](#)
117. **Bulleri E**, **Fusi C**, Bambi S, Pisani L, Galesi A, Rizzello E, Lucchini A, **Merlani P**, **Pagnamenta A**. Efficacy of endotracheal tube clamping to prevent positive airways pressure loss and pressure behavior after reconnection: a bench study. *Intensive Care Med Exp*. 2023;11:36. PMID [37386327](#)
118. Burger A, Studt JD, Mendez A, Alberio L, Fontana P, Wuillemin WA, Schmidt A, Graf L, **Gerber B**, Bovet C, Sauter TC, Binder NB, Nagler M. Determination of Anti-Xa Inhibitor Plasma Concentrations Using a Universal Edoxaban Calibrator. *Diagnostics (Basel)*. 2023;13:2128. PMID [37371023](#)
119. **Burrello J**, Monticone S, Burrello A, **Bolis S**, Cristalli CP, Comai G, Corradetti V, Grange C, Orlando G, Bonafè M, La Manna G, **Barile L**, Bussolati B. Identification of a serum and urine extracellular vesicle signature predicting renal outcome after kidney transplant. *Nephrol Dial Transplant*. 2023;38:764-77. PMID [36073758](#)
120. **Cafarotti S**, **Torre TM**, **Patella M**, **Demertzis S**. Resection of thymic carcinoma after induction therapy and reconstruction of right ventricular outflow tract with pulmonary homograft. *Eur J Cardiothorac Surg*. 2023;63: ead069. PMID [36852845](#)
121. Çakar E, Oniangue-Ndza C, Schneider RP, Klijn SL, **Vogl UM**, Rothermundt C, May JR. Cost-Effectiveness of Nivolumab Plus Ipilimumab for the First-Line Treatment of Intermediate/Poor-Risk Advanced and/or Metastatic Renal Cell Carcinoma in Switzerland. *Pharmacoecon Open*. 2023;7:567-77. PMID [36757568](#)
122. Calciolari S, González-Ortiz LG, **Mongelli F**, **Cantini L**, Capdevila X, **La Regina D**, **Saporito A**. Identification and economic burden of main adverse events of nerve injuries caused by regional anesthesia: a systematic review. *Braz J Anesthesiol*. 2023;73:305-15. PMID [33823209](#)
123. Calen C, Von Moos S, **Cippà P**, Mebazaa A, Arrigo M. Growth Differentiation Factor 15 and Risk of Death in Haemodialysis Patients. *Int J Nephrol*. 2023;2023:5163548. PMID [37008733](#)
124. Callari M, **Sola M**, **Magrin C**, Rinaldi A, Bolis M, **Paganetti P**, Colnaghi L, **Papin S**. Cancer-specific association between Tau (MAPT) and cellular pathways, clinical outcome, and drug response. *Sci Data*. 2023;10:637. PMID [37730697](#)
125. Campenni A, Avram AM, Verburg FA, Iakovou I, Hänscheid H, de Keizer B, Petranović Ovcariček P, **Giovanella L**. The EANM guideline on radioiodine therapy of benign thyroid disease. *Eur J Nucl Med Mol Imaging*. 2023;50:3324-48. PMID [37395802](#)
126. Campenni A, Ruggeri RM, Garo ML, Siracusa M, Restuccia G, Rappazzo A, Rosarno H, Nicocia A, Cardile D, Ovcariček PP, Baldari S, **Giovanella L**. Comparison of 1.1 GBq and 2.2 GBq Activities in Patients with Low-Risk Differentiated Thyroid Cancer Requiring Postoperative (131)I Administration: A Real Life Study. *Cancers (Basel)*. 2023;15:2416. PMID [37173884](#)
127. Campenni A, Ruggeri RM, Siracusa M, Romano D, Giacoppo G, Crocè L, Rosarno H, Russo S, Cardile D, Capocchetti F, Alibrandi A, Baldari S, **Giovanella L**. Thyroglobulin Value Predict Iodine-123 Imaging Result in Differentiated Thyroid Cancer Patients. *Cancers (Basel)*. 2023;15:2242. PMID [37190170](#)
128. Canale FP, Neumann J, von Renesse J, Loggi E, Pecoraro M, Vogel I, Zoppi G, Antonini G, Wolf T, Jin W, Zheng X, La Barba G, Birgin E, Forkel M, Nilsson T, Marone R, Mueller H, Pelletier N, Jeker LT, Civenni G, Schlapbach C, Catapano CV, Seifert L, Seifert AM, **Gillessen S**, **De Dosso S**, **Cristaudi A**, Rahbari NN, Ercolani G, Geiger R. Proteomics of immune cells from liver tumors reveals immunotherapy targets. *Cell Genom*. 2023;3:100331. PMID [37388918](#)
129. Candeloro M, Valeriani E, Monreal M, Ageno W, Riva N, Schulman S, Bang SM, Mellado M, Díaz-Peromingo JA, Moisés J, Díaz-Brasero AM,

- Garcia-Pagan JC, Perez-Campuzano V, Senzolo M, **De Gottardi A**, Di Nisio M. Clinical course and treatment of incidentally detected splanchnic vein thrombosis: an individual patient data meta-analysis. *J Thromb Haemost*. 2023;21:1592-600. PMID [36907381](#)
130. Cani M, **Turco F**, Butticiè S, **Vogl UM**, Buttigliero C, Novello S, Capelletto E. How Does Environmental and Occupational Exposure Contribute to Carcinogenesis in Genitourinary and Lung Cancers? *Cancers (Basel)*. 2023;15:2836. PMID [37345174](#)
 131. Cannici C, **Liptrott SJ**, Serra N, Samarani E, De Cecco V, Caime A, Galgano L, Rostagno E, **Orlando L**, Gargiulo G, Cioce M, Lupo R, Capuano A, Rea T, Botti S. Predictive factors of sleep quality and burnout in nurses working in transplant units during the COVID-19 lockdown - A cross-sectional study. *Contemp Nurse*. 2023;59:362-76. PMID [37550812](#)
 132. Cannizzaro D, Anania CD, Safa A, **Zaed I**, Morengi M, Riva M, Tomei M, Pessina F, Servadei F, Ortolina A, Fornari M. Lumbar adjacent segment degeneration after spinal fusion surgery: a systematic review and meta-analysis. *J Neurosurg Sci*. 2023;67:740-9. PMID [36345970](#)
 133. Cannizzaro D, **Zaed I**, Olei S, Fernandes B, Peschillo S, **Milani D**, **Cardia A**. Growth and rupture of an intracranial aneurysm: the role of wall aneurysmal enhancement and CD68. *Front Surg*. 2023;10:1228955. PMID [37744724](#)
 134. Cantone M, **Sacco L**. Editorial: Highlights in Alzheimer's and Parkinson's disease. *Front Hum Neurosci*. 2023;17:1238525. PMID [37614569](#)
 135. **Canziani L**, **Orlando F**, **Villa M**, **Cassina T**. Never Say Never: Successful Extracorporeal Cardiopulmonary Resuscitation (ECPR) Following A Prolonged Out-of-Hospital Cardiac Arrest Due to Spontaneous Coronary Artery Dissection. *Eur J Case Rep Intern Med*. 2023;10:004120. PMID [38077700](#)
 136. Capecchi F, **di Giacomo A**, Keller E, Mothershill I, Imbach LL. Stimulus Induced Rhythmic, Periodic, or Ictal Discharges (SIRPIDs) and its Association with Non-convulsive Status Epilepticus in Critically Ill Patients. *Clin EEG Neurosci*. 2023;54:247-54. PMID [35473446](#)
 137. Capodanno D, Mehran R, Krucoff MW, Baber U, Bhatt DL, Capranzano P, Collet JP, Cuisset T, De Luca G, De Luca L, Farb A, Franchi F, Gibson CM, Hahn JY, Hong MK, James S, Kastrati A, Kimura T, Lemos PA, Lopes RD, Magee A, Matsumura R, Mochizuki S, O'Donoghue ML, Pereira NL, Rao SV, Rollini F, Shirai Y, Sibbing D, Smits PC, Steg PG, Storey RF, Ten Berg J, **Valgimigli M**, Vranckx P, Watanabe H, Windecker S, Serruys PW, Yeh RW, Morice MC, Angiolillo DJ. Defining Strategies of Modulation of Antiplatelet Therapy in Patients With Coronary Artery Disease: A Consensus Document from the Academic Research Consortium. *Circulation*. 2023;147:1933-44. PMID [37335828](#)
 138. **Caputo ML**, Baldi E, **Krüll JD**, **Pongan D**, Cresta R, Benvenuti C, Cianella R, Primi R, Currao A, Bendotti S, Compagnoni S, Gentile FR, Anselmi L, Savastano S, Klersy C, **Auricchio A**. Impact of sex and role of coronary artery disease in out-of-hospital cardiac arrest presenting with refractory ventricular arrhythmias. *Front Cardiovasc Med*. 2023;10:1074432. PMID [37113702](#)
 139. **Cardia A**, Cannizzaro D, Stefini R, Chibbaro S, Ganau M, **Zaed I**. The efficacy of laser interstitial thermal therapy in the management of spinal metastases: a systematic review of the literature. *Neurol Sci*. 2023;44:519-28. PMID [36181543](#)
 140. **Cardia A**, **Epistolio S**, **Zaed I**, Sahnane N, Cerutti R, **Cipriani D**, **Barizzi J**, **Spina P**, Stefanini FM, Cerati M, Balbi S, **Mazzucchelli L**, Sessa F, **Pesce GA**, **Reinert M**, **Frattini M**, **Marchi F**. Identification of MGMT Downregulation Induced by miRNA in Glioblastoma and Possible Effect on Temozolomide Sensitivity. *J Clin Med*. 2023;12:2061. PMID [36902848](#)
 141. Carriero S, Depretto C, **Cozzi A**, Della Pepa G, D'Ascoli E, Irmici G, Tamburrano C, Ballerini D, Bonanomi A, Scaperrotta GP. Efficacy and safety of vacuum-assisted excision (VAE) of fibroadenomas: experience in a tertiary centre. *Radiol Med*. 2023;128:1199-205. PMID [37530965](#)
 142. Caruso R, Dellafiore F, Arrigoni C, **Bonetti L**. Individual-Level Variables Associated with Self-Efficacy in Nutritional Care for Older People among Italian Nurses: A Multicenter Cross-Sectional Study. *J Nutr Gerontol Geriatr*. 2023;42:46-58. PMID [36946327](#)
 143. **Casiraghi M**, **Piliero MA**, **Bellesi L**, **Dufour M**, Chatterjea A, **Scarone P**, **Presilla S**. Image quality and radiation dose in spinal surgery: a comparison of three imaging systems in phantom. *J Med Imaging (Bellingham)*. 2023;10:035001. PMID [37304527](#)
 144. Castello A, Albano D, **Muoio B**, Castellani M, Panareo S, Rizzo A, **Treglia G**, Urso L. Diagnostic Accuracy of PET with (18)F-Fluciclovine ((18)F)FACBC) in Detecting High-Grade Gliomas: A Systematic Review and Meta-Analysis. *Diagnostics (Basel)*. 2023;13:3610. PMID [38132194](#)
 145. **Castelnovo A**, Lividini A, Riedner BA, Avvenuti G, Jones SG, **Miano S**, Tononi G, **Manconi M**, Bernardi G. Origin, synchronization, and propagation of sleep slow waves in children. *Neuroimage*. 2023;274:120133. PMID [37094626](#)
 146. **Castelnovo A**, **Miano S**, Ferri R, Raggi A, Maestri M, Bottasini V, Anelli M, Zucconi M, Castronovo V, Ferini-Strambi L, **Manconi M**. Electrophysiological and Neuropsychological Indices of Cognitive Dysfunction in Patients with Chronic Insomnia and Severe Benzodiazepine Use Disorder. *Brain Sci*. 2023;13:375. PMID [36979185](#)
 147. **Casutt A**, Lamothe F, Lortholary O, Prior JO, Tonglet A, Manuel O, Bergeron A, Beigelman-Aubry C. Atypical imaging patterns during lung invasive mould diseases: lessons for clinicians. *Eur Respir Rev*. 2023;32:230086. PMID [37758271](#)
 148. **Cefali M**, Scala I, **Pavone G**, Helbling D, Hussung S, Fritsch R, Reiner C, Stocker S, Koeberle D, Kissling M, **Chianca V**, **Del Grande F**, **De Doss S**, **Rizzo S**. Is Computed-Tomography-Based Body Composition a Reliable Predictor of Chemotherapy-Related Toxicity in Pancreatic Cancer Patients? *Cancers (Basel)*. 2023;15:4398. PMID [37686674](#)
 149. **Cekani E**, **Martorell C**, **Martucci F**, **Patella M**, **Cafarotti S**, **Valenti A**, **Freguia S**, **Molinari F**,

- Froesch P, Frattini M, Stathis A, Wannesson L.** Prognostic implication of PD-L1 in early-stage non-small cell lung cancer: a retrospective single-centre study. *Swiss Med Wkly.* 2023;153:40110. PMID [37769653](#)
150. Ceranski AK, Carreño-Gonzalez MJ, Ehlers AC, **Colombo MV**, Cidre-Aranaz F, Grünwald TGP. Hypoxia and HIFs in Ewing sarcoma: new perspectives on a multi-faceted relationship. *Mol Cancer.* 2023;22:49. PMID [36915100](#)
151. Ceruti S, Glotta A, Biggiogero M, Marzano M, Bona G, **Previsdomini M, Saporito A**, Capdevila X. Long-Term Evolution of Activities of Daily Life (ADLs) in Critically Ill COVID-19 Patients, a Case Series. *Healthcare (Basel).* 2023;11:650. PMID [36900655](#)
152. Chausset A, Lambert C, Belot A, Merlin E, Cannizzaro E, Kone-Paut I, Ballot C, Devauchelle V, Poignant S, Carlomagno R, Lohse A, Barbier C, Despert V, Carbasse A, Sparsa L, Adank E, **Vanoni F**, Reumaux H, Pillet P, Kaiser D, Hofer M, Freychet C, Schott AM. Individual and environmental determinants associated with longer times to access pediatric rheumatology centers for patients with juvenile idiopathic arthritis, a JIR cohort study. *Pediatr Rheumatol Online J.* 2023;21:24. PMID [36918902](#)
153. Chen C, Li J, **Rossi L**, Sun P, She T, He F. Prognostic role of serum soluble ST2 of advanced breast cancer patients: a retrospective cohort study. *Transl Cancer Res.* 2023;12:2128-37. PMID [37701118](#)
154. **Chianca V**, Albano D, **Rizzo S**, Maas M, Sconfienza LM, **Del Grande F**. Inter-vendor and inter-observer reliability of diffusion tensor imaging in the musculoskeletal system: a multiscanner MR study. *Insights Imaging.* 2023;14:32. PMID [36757529](#)
155. **Chianca V**, Sutter R, **Del Grande F**. Imaging of Anatomical Variants Around the Elbow. *Semin Musculoskelet Radiol.* 2023;27:163-8. PMID [37011617](#)
156. Chiamonte R, Bonfiglio M, Caramma S, **Condorelli R**. The Role of Rehabilitation in the Treatment of Constipation in Oncological Patients. *J Clin Med.* 2023;12:5083. PMID [37568485](#)
157. **Chiardi I**, Rotondi M, **Cantù M, Keller F, Trimboli P**. Macro-TSH: An Uncommon Explanation for Persistent TSH Elevation That Thyroidologists Have to Keep in Mind. *J Pers Med.* 2023;13:1471. PMID [37888082](#)
158. Chimenti C, **Grego S**, Di Fusco S, De Luca L, Caldarola P, Cannillo M, Cipriani M, Di Lenarda A, Donato D, Leone S, Limongelli G, Navazio A, Riccio C, Valente S, Gulizia MM, Gabrielli D, Oliva F, Colivicchi F. [ANMCO Position paper: Amyloidosis for the clinical cardiologist. A “clinical primer” from the ANMCO Rare Disease Working Group]. *G Ital Cardiol (Rome).* 2023;24:127-35. Position paper ANMCO: L'amiloidosi per il cardiologo clinico. Un “clinical primer” dell'Area Malattie Rare ANMCO. PMID [36735312](#)
159. Chung EYL, Sartori G, Ponzoni M, Cascione L, Priebe V, Xu-Monette ZY, Fang X, Zhang M, Visco C, Tzankov A, Rinaldi A, Sgrignani J, **Zucca E, Rossi D**, Cavalli A, Inghirami G, Scott DW, Young KH, **Bertoni F**. ETS1 phosphorylation at threonine 38 is associated with the cell of origin of diffuse large B cell lymphoma and sustains the growth of tumour cells. *Br J Haematol.* 2023;203:244-54. PMID [37584198](#)
160. **Cianfoni A, Venier A**, Hirsch JA. Thoracolumbar vertebral fractures with posterior wall retropulsion: room and importance for an effective minimally invasive treatment. *Ann Palliat Med.* 2023;12:1112-4. PMID [37574581](#)
161. Cignoli D, Basile G, Fallara G, Rosiello G, Belladelli F, Cei F, Musso G, Re C, Bertini R, Karakiewicz P, Mottrie A, Dehò F, **Gallina A**, Montorsi F, Salonia A, Capitanio U, Larcher A. Risks and benefits of partial nephrectomy performed with limited or with zero ischaemia time. *BJU Int.* 2023;132:283-90. PMID [36932928](#)
162. **Cippà PE**, McMahon AP. Proximal tubule responses to injury: interrogation by single-cell transcriptomics. *Curr Opin Nephrol Hypertens.* 2023;32:352-8. PMID [37074682](#)
163. **Cippà PE**, Mueller TF. A First Step Toward a Cross-tissue Atlas of Immune Cells in Humans. *Transplantation.* 2023;107:8-9. PMID [36508643](#)
164. Coisne A, Scotti A, Taramasso M, Granada JF, Ludwig S, Rodés-Cabau J, Lurz P, Hausleiter J, Fam N, Kodali SK, **Pozzoli A**, Alessandrini H, Biasco L, Brochet E, Denti P, Estevez-Loureiro R, Frerker C, Ho EC, Monivas V, Nickenig G, Praz F, Puri R, Sievert H, Tang GHL, Andreas M, Von Bardeleben RS, Rommel KP, Muntané-Carol G, Gavazzoni M, Braun D, Lubos E, Kalbacher D, Connelly KA, Juliard JM, Harr C, **Pedrazzini G**, Philippon F, Schofer J, Thiele H, Unterhuber M, Himbert D, Alcázar MU, Wild MG, Jorde U, Windecker S, Maisano F, Leon MB, Hahn RT, Latib A. Prognostic Value of Tricuspid Valve Gradient After Transcatheter Edge-to-Edge Repair: Insights From the TriValve Registry. *JACC Cardiovasc Interv.* 2023;16:706-17. PMID [36948892](#)
165. Colombini A, Libonati F, Lopa S, Peretti GM, **Moretti M**, de Girolamo L. Autologous chondrocyte implantation provides good long-term clinical results in the treatment of knee osteoarthritis: a systematic review. *Knee Surg Sports Traumatol Arthrosc.* 2023;31:2338-48. PMID [35716187](#)
166. **Colombo GE**, Pirota S, Sabag A. Diet and Exercise in the Management of Polycystic Ovary Syndrome: Practical Considerations for Person-Centered Care. *Semin Reprod Med.* 2023;41:26-36. PMID [38040023](#)
167. **Colombo I**, Karakasis K, Suku S, Oza AM. Chasing Immune Checkpoint Inhibitors in Ovarian Cancer: Novel Combinations and Biomarker Discovery. *Cancers (Basel).* 2023;15:3220. PMID [37370830](#)
168. Colombo N, Gadducci A, Sehoul J, Rulli E, Mäenpää J, **Sessa C**, Montes A, Ottevanger NB, Berger R, Vergote I, D'Incalci M, Churrua Galaz C, Chekerov R, Nyvang GB, Riniker S, Herbertson R, Fossati R, Barretina-Ginesta MP, Deryal M, Mirza MR, Biagioli E, Iglesias M, Funari G, Romeo M, Tasca G, Pardo B, Tognon G, Rubio-Pérez MJ, DeCensi A, De Giorgi U, Zola P, Benedetti Panici P, Aglietta M, Arcangeli V, Zamagni C, Bologna A, Westermann A, Heinzelmann-Schwarz V, Tsubulak I, Wimberger P, Poveda A. INOVATYON/ ENGOT-

- ov5 study: Randomized phase III international study comparing trabectedin/pegylated liposomal doxorubicin (PLD) followed by platinum at progression vs carboplatin/PLD in patients with recurrent ovarian cancer progressing within 6-12 months after last platinum line. *Br J Cancer*. 2023;128:1503-13. PMID [36759720](#)
169. Colomer-Lahiguera S, Canella C, Giacomini S, Van KL, Pedrazzani C, Naegele M, Thouvenin L, O'Meara Stern A, **Condorelli R**, Corbière T, Witt CM, Eicher M, Ribi K. Patient-reported experiences of cancer care related to the COVID-19 pandemic in Switzerland. *Support Care Cancer*. 2023;31:410. PMID [37347278](#)
 170. Compagnoni R, Lesman J, Minoli C, Ferrua P, **Mondini Trissino da Lodi C**, Domzalski M, Menon A, Randelli PS. Bone marrow lesions in the knee are associated with meniscal lesions and cartilage pathologies according to the six-letter system. *Knee Surg Sports Traumatol Arthrosc*. 2023;31:286-91. PMID [35994077](#)
 171. Condello V, Beaufile P, Becker R, Ahmad SS, Bonomo M, Dejour D, Eriksson K, **Filardo G**, Feucht MJ, Grassi A, Wilson A, Menetrey J, Pujol N, Rathcke M, Seil R, Strauss MJ, Tischer T. Management of anterior cruciate ligament revision in adults: the 2022 ESSKA consensus: part II-surgical strategy. *Knee Surg Sports Traumatol Arthrosc*. 2023;31:4652-61. PMID [37700168](#)
 172. **Condoluci A, Rossi D**. Special issue on circulating tumor DNA: Introductory editorial. *Semin Hematol*. 2023;60:125-31. PMID [37620237](#)
 173. **Conte G**, Probst V. Time to consider catheter ablation as an alternative to implantable cardioverter-defibrillator therapy in high-risk patients with Brugada syndrome? *Europace*. 2023;25:eua4338. PMID [37949829](#)
 174. Corsello A, Macchi M, D'Oria V, Pigazzi C, Alberti I, **Treglia G**, De Cosmi V, Mazzocchi A, Agostoni C, Milani GP. Effects of vitamin D supplementation in obese and overweight children and adolescents: A systematic review and meta-analysis. *Pharmacol Res*. 2023;192:106793. PMID [37178775](#)
 175. Costa F, Montalto C, Branca M, Hong SJ, Watanabe H, Franzone A, Vranckx P, Hahn JY, Gwon HC, Feres F, Jang Y, De Luca G, Kedhi E, Cao D, Steg PG, Bhatt DL, Stone GW, Micari A, Windecker S, Kimura T, Hong MK, Mehran R, **Valgimigli M**. Dual antiplatelet therapy duration after percutaneous coronary intervention in high bleeding risk: a meta-analysis of randomized trials. *Eur Heart J*. 2023;44:954-68. PMID [36477292](#)
 176. **Cozzi A**, Cè M, De Padova G, Libri D, Caldarelli N, Zucconi F, Oliva G, Cellina M. Deep Learning-Based Versus Iterative Image Reconstruction for Unenhanced Brain CT: A Quantitative Comparison of Image Quality. *Tomography*. 2023;9:1629-37. PMID [37736983](#)
 177. **Cozzi A, Schiaffino S**. Preoperative breast MRI in women with dense breasts: can we keep up with a rapidly changing scenario? *Eur Radiol*. 2023;33:8077-9. PMID [37646816](#)
 178. Cozzi G, Sovtic A, Garelli D, Krivec U, Silvagni D, Corsini I, Colombo M, Giangreco M, Giannattasio A, Milani GP, Minute M, Marchetti F, Gatto A, Debbia C, Gortan AJ, Massaro M, Hatziaorou E, **Ravidà D**, Diamand R, Jones E, Visekruna J, Zago A, Barbi E, Amaddeo A, Cortellazzo Wiel L. SARS-CoV-2-related bronchiolitis: a multicentre international study. *Arch Dis Child*. 2023;108:e15. PMID [37130726](#)
 179. Croce L, Chytiris S, Coperchini F, Ferraro G, Minelli L, Navarra A, Magri F, Chiovato L, **Trimboli P**, Rotondi M. Unexplained Hyperthyrotropinemia: A Biochemical and Clinical Challenge. *J Clin Med*. 2023;12:2934. PMID [37109270](#)
 180. Crotti L, Brugada P, Calkins H, Chevalier P, **Conte G**, Finocchiaro G, Postema PG, Probst V, Schwartz PJ, Behr ER. From gene-discovery to gene-tailored clinical management: 25 years of research in channelopathies and cardiomyopathies. *Europace*. 2023;25:eua4180. PMID [37622577](#)
 181. **Cuzzocrea M, Paone G, Treglia G**. Two Birds with One Stone: Hepatocellular Carcinoma and Small Cell Lung Cancer Imaged with [(18)F] Fluorocholine Positron Emission Tomography/Computed Tomography. *Diagnostics (Basel)*. 2023;13:2639. PMID [37627897](#)
 182. Dahmen J, Kayaalp ME, Winkler PW, de Girolamo L, **Filardo G**, Beaufile P, Hirschmann MT, Karlsson J. Enhancing orthopaedic scientific communication: the launch of infographics in the KSSTA journal. *Knee Surg Sports Traumatol Arthrosc*. 2023;31:5273-6. PMID [37828406](#)
 183. Dancourt J, **Piovesana E**, Lavieu G. Efficient cell death mediated by bioengineered killer extracellular vesicles. *Sci Rep*. 2023;13:1086. PMID [36658184](#)
 184. Daubian-Nosé, Franco B, De Fante T, Forte Ldm, Manchado-Gobatto FB, Bezerra RM, **Manconi M**, Torsoni AS, Esteves AM. Iron Supplementation and Exercise During Pregnancy: Effects on Behavior and the Dopaminergic System. *Biol Trace Elem Res*. 2023;201:1639-47. PMID [35715717](#)
 185. D'Aurizio F, Kratzsch J, Gruson D, Petranović Ovcariček P, **Giovanella L**. Free thyroxine measurement in clinical practice: how to optimize indications, analytical procedures, and interpretation criteria while waiting for global standardization. *Crit Rev Clin Lab Sci*. 2023;60:101-40. PMID [36227760](#)
 186. Davidson SM, Boulanger CM, Aikawa E, Badimon L, **Barile L**, Binder CJ, Brisson A, Buzas E, Emanueli C, Jansen F, Katsur M, Lacroix R, Lim SK, Mackman N, Mayr M, Menasché P, Nieuwland R, Sahoo S, Takov K, Thum T, Vader P, Wauben MHM, Witwer K, Sluijter JPG. Methods for the identification and characterization of extracellular vesicles in cardiovascular studies: from exosomes to microvesicles. *Cardiovasc Res*. 2023;119:45-63. PMID [35325061](#)
 187. de Donato G, Pasqui E, **Ruffino MA**, Sponza M, Spinazzola A, Guzzardi G, Intriери F, Savio D, Palasciano G. Mechanical thrombectomy in acute limb ischemia: ad Interim results of the INDIAN UP Trial. *J Cardiovasc Surg (Torino)*. 2023;64:247-54. PMID [37078985](#)
 188. de Girolamo L, **Filardo G**, Laver L. Disease-modifying effects of orthobiologics in the treatment of knee osteoarthritis: the lesson learned from preclinical research models. *Knee Surg Sports Traumatol Arthrosc*. 2023;31:5286-90. PMID [37393419](#)

189. De Marchis GM, Krisai P, Werlen L, Sinnecker T, Aeschbacher S, Dittrich TD, Polymeris AA, Coslovsky M, Blum MR, Rodondi N, Reichlin T, **Moschovitis G**, Wuerfel J, Lyrer PA, Fischer U, Conen D, Kastner P, Ziegler A, Osswald S, Kühne M, Bonati LH. Biomarker, Imaging, and Clinical Factors Associated With Overt and Covert Stroke in Patients With Atrial Fibrillation. *Stroke*. 2023;54:2542-51. PMID [37548011](#)
190. De Marziani L, Boffa A, Di Martino A, Andriolo L, Reale D, Bernasconi A, Corbo VR, de Caro F, **Delcogliano M**, di Laura Frattura G, Di Vico G, Manunta AF, Russo A, **Filardo G**. The reimbursement system can influence the treatment choice and favor joint replacement versus other less invasive solutions in patients affected by osteoarthritis. *J Exp Orthop*. 2023;10:146. PMID [38135778](#)
191. De Marziani L, **Sangiorgio A**, **Bensa A**, Boffa A, Andriolo L, **Filardo G**. Intra-articular injections in sport-active patients with degenerative cartilage lesions or osteoarthritis of the knee: a systematic review. *J Exp Orthop*. 2023;10:112. PMID [37938446](#)
192. De Pascale M, Bissegger L, Tarantelli C, Beaufile F, Prescimone A, Mohamed Seid Hedad H, Kayali O, Orbegozo C, Raguž L, Schaefer T, Hebeisen P, **Bertoni F**, Wymann MP, Borsari C. Investigation of morpholine isosters for the development of a potent, selective and metabolically stable mTOR kinase inhibitor. *Eur J Med Chem*. 2023;248:115038. PMID [36634458](#)
193. **De Pellegrin L**, **Feltri P**, **Filardo G**, **Candrian C**, **Harder Y**, **Galetti K**, **De Monti M**. Effects of negative pressure wound therapy with instillation and dwell time (NPWTi-d) versus NPWT or standard of care in orthoplastic surgery: A systematic review and meta-analysis. *Int Wound J*. 2023;20:2402-13. PMID [36594491](#)
194. **De Pieri M**, **Manconi M**, **Riccardi S**, **Miano S**. Central sleep apneas with Cheyne-Stokes breathing in a patient with narcolepsy type 1. *Sleep Med*. 2023;12:232-3. PMID [37924632](#)
195. De Servi S, **Landi A**, Savonitto S, De Luca L, De Luca G, Morici N, Montalto C, Crimi G, Cattaneo M. Tailoring oral antiplatelet therapy in acute coronary syndromes: from guidelines to clinical practice. *J Cardiovasc Med (Hagerstown)*. 2023;24:77-86. PMID [36583976](#)
196. De Servi S, **Landi A**, Savonitto S, Morici N, De Luca L, Montalto C, Crimi G, De Rosa R, De Luca G. Antiplatelet Strategies for Older Patients with Acute Coronary Syndromes: Finding Directions in a Low-Evidence Field. *J Clin Med*. 2023;12:2082. PMID [36902869](#)
197. Deandrea M, **Piticchio T**, Mormile A, Retta F, Canale G, Caracciolo A, Daniele L, **Trimboli P**. Preoperative neck ultrasound combined with pathological data can significantly impact the outcome of medullary thyroid carcinoma. *Endocr J*. 2023;70:1061-7. PMID [37690841](#)
198. **Deantonio L**, **Castronovo F**, **Paone G**, **Treglia G**, **Zilli T**. Metabolic Imaging for Radiation Therapy Treatment Planning: The Role of Hybrid PET/MR Imaging. *Magn Reson Imaging Clin N Am*. 2023;31:637-54. PMID [37741647](#)
199. **Deantonio L**, De Bari B, Franco P. Editorial: Anorectal and gastro-esophageal cancer: diving into diagnostic and therapeutic imaging modalities for radiotherapy. *Front Oncol*. 2023;13:1276334. PMID [37719016](#)
200. **Deantonio L**, Vigna L, Paolini M, Matheoud R, Sacchetti GM, Masini L, Loi G, Brambilla M, Krenkli M. Application of a smart 18F-FDG-PET adaptive threshold segmentation algorithm for the biological target volume delineation in head and neck cancer. *Q J Nucl Med Mol Imaging*. 2023;67:238-44. PMID [35238518](#)
201. **Degabriel D**, **Petrino R**, **Frau ED**, **Uccella L**. Factors influencing patients' experience of communication with the medical team of the emergency department. *Intern Emerg Med*. 2023;18:2045-51. PMID [37142863](#)
202. Delgado Bolton RC, Calapaquí Terán AK, Gómez Román JJ, **Treglia G**, Giammarile F. A randomised trial probes the higher efficacy of a hybrid radioactive and fluorescent tracer approach in high-complexity sentinel node biopsy during robotic surgery of prostate cancer. *Eur J Nucl Med Mol Imaging*. 2023;50:2588-90. PMID [36961536](#)
203. Delgado Bolton RC, Calapaquí Terán AK, **Treglia G**, Giammarile F. Is there more than meets the eye than sentinel node localisation during lymphoscintigraphy mapping? Potential immunologic and therapeutic implications. *Eur J Nucl Med Mol Imaging*. 2023;50:635-7. PMID [36580088](#)
204. **Demurtas S**, **Pareti E**, Madanchi M. Ignatzschineria larvae Bacteremia in a Patient With Chronic Leg Ulcer: A Case Report and Review of the Literature. *Cureus*. 2023;15:e36612. PMID [37102037](#)
205. Dhayat NA, Bonny O, Roth B, Christe A, Ritter A, Mohebbi N, Faller N, **Pellegrini L**, **Bedino G**, Venzin RM, Grosse P, Hüsler C, Koneth I, Bucher C, **Del Giorno R**, **Gabutti L**, Mayr M, Odermatt U, Buchkremer F, Hernandez T, Stoermann-Chopard C, Teta D, Vogt B, Roumet M, Tamò L, Cereghetti GM, Trelle S, Fuster DG. Hydrochlorothiazide and Prevention of Kidney-Stone Recurrence. *N Engl J Med*. 2023;388:781-91. PMID [36856614](#)
206. Di Caterino F, **Koetsier E**, Hirsch JA, **Isalberti M**, San Millan D, **Marchi F**, La Barbera L, **Pileggi M**, **Cianfoni A**. Middle column Stent-screw Assisted Internal Fixation (SAIF): a modified minimally-invasive approach to rescue vertebral middle column re-fractures. *J Neurointerv Surg*. 2023;15:1280-85. PMID [36593116](#)
207. Di Lullo L, Lavalle C, Scatena A, Mariani MV, Ronco C, **Bellasi A**. Finerenone: Questions and Answers-The Four Fundamental Arguments on the New-Born Promising Non-Steroidal Mineralocorticoid Receptor Antagonist. *J Clin Med*. 2023;12:3992. PMID [37373685](#)
208. **Di Valentino M**, **Regoli F**, **Amoruso M**, **Menafoglio A**. Huge and late thrombus after percutaneous closure of left atrial appendage. *Eur Heart J Case Rep*. 2023;7:ytad208. PMID [37181471](#)
209. Dietz M, Dunet V, Mantziari S, Pomoni A, Dias Correia R, Testart Dardel N, Boughdad S, Nicod Lalonde M, **Treglia G**, Schafer M, Schaefer N, Prior JO. Comparison of integrin $\alpha(v)\beta(3)$ expression with (68)Ga-NODAGA-RGD PET/CT and glucose metabolism with (18)F-FDG PET/

- CT in esophageal or gastroesophageal junction cancers. *Eur J Hybrid Imaging*. 2023;7:3. PMID [36720731](#)
210. Dietz M, Kamani CH, Allenbach G, Rubimbura V, Fournier S, Dunet V, **Treglia G**, Nicod Lalonde M, Schaefer N, Eeckhout E, Muller O, Prior JO. Comparison of the prognostic value of impaired stress myocardial blood flow, myocardial flow reserve, and myocardial flow capacity on low-dose Rubidium-82 SiPM PET/CT. *J Nucl Cardiol*. 2023;30:1385-95. PMID [36574175](#)
 211. **Disanto G**, Galante A, **Cantu M**, **Sacco R**, Mele F, **Eisler JJ**, **Keller F**, **Bernasconi E**, Sallusto F, **Zecca C**, **Gobbi C**. Longitudinal Postvaccine SARS-CoV-2 Immunoglobulin G Titers, Memory B-Cell Responses, and Risk of COVID-19 in Multiple Sclerosis Over 1 Year. *Neuro Immunol Neuroinflamm*. 2023;10:e200043. PMID [36396447](#)
 212. **Disanto G**, **Villa M**, Maleska Maceski A, **Prosperetti C**, **Gobbi C**, Kuhle J, **Cassina T**, **Agazzi P**. Longitudinal serum neurofilament light kinetics in post-anoxic encephalopathy. *Ann Clin Transl Neurol*. 2023;10:2407-12. PMID [37743737](#)
 213. Dittrich TD, Sporns PB, Kriemler LF, Rudin S, Nguyen A, Zietz A, Polymeris AA, Tränka C, Thilemann S, Wagner B, Altersberger VL, Piot I, Barinka F, Hänsel M, Gensicke H, Engelter ST, Lyrer PA, Sutter R, Nickel CH, Katan M, Peters N, Michels L, Kulcsár Z, Karwacki GM, **Pileggi M**, **Cereda C**, Wegener S, Bonati LH, Fischer U, Psychogios M, De Marchis GM. Mechanical thrombectomy for large vessel occlusion between 6 and 24 h: outcome comparison of DEFUSE-3/DAWN eligible versus non-eligible patients. *Int J Stroke*. 2023;18:697-703. PMID [36367319](#)
 214. Dittrich TD, Sporns PB, Kriemler LF, Rudin S, Nguyen A, Zietz A, Polymeris AA, Tränka C, Thilemann S, Wagner B, Altersberger VL, Piot I, Barinka F, Müller S, Hänsel M, Gensicke H, Engelter ST, Lyrer PA, Sutter R, Nickel CH, Katan M, Peters N, Kulcsár Z, Karwacki GM, Pileggi M, **Cereda C**, Wegener S, Bonati LH, Fischer U, **Psychogios M**, De Marchis GM. Mechanical Thrombectomy Versus Best Medical Treatment in the Late Time Window in Non-DEFUSE-Non-DAWN Patients: A Multicenter Cohort Study. *Stroke*. 2023;54:722-30. PMID [36718751](#)
 215. Diviani N, Bennardi M, **Gamondi C**, Saletti P, **Stüssi G**, Delbue-Luisoni M, Rubinelli S. Awareness, attitudes, and beliefs about palliative care: Results from a representative survey of the Italian-speaking Swiss population. *PLoS One*. 2023;18:e0294807. PMID [38015954](#)
 216. **Djokic D**, Milani GP, Lava SAG, **Gualco G**, **Corigliano T**, **Bianchetti MG**, Lavagno C. Hair-thread strangulation syndrome in childhood: a systematic review. *Swiss Med Wkly*. 2023;153:40124. PMID [37955631](#)
 217. Dondi F, Albano D, Bellini P, Cerudelli E, **Treglia G**, Bertagna F. Prognostic role of baseline (18)F-FDG pet/CT in stage I and stage II non-small cell lung cancer. *Clin Imaging*. 2023;94:71-8. PMID [36495848](#)
 218. Dondi F, Albano D, Ferrarini G, Camoni L, Bellini P, **Treglia G**, Bertagna F. Role of splenic and bone marrow uptake at (18) F-FDG PET/CT for the assessment of large vessels vasculitis and the influence of glucocorticoids therapy on their values. *J Med Imaging Radiat Oncol*. 2023;67:717-25. PMID [37469123](#)
 219. Dondi F, Antonelli A, Suardi N, Guerini AE, Albano D, Lucchini S, Camoni L, **Treglia G**, Bertagna F. PET/CT and Conventional Imaging for the Assessment of Neuroendocrine Prostate Cancer: A Systematic Review. *Cancers (Basel)*. 2023;15:4404. PMID [37686680](#)
 220. Dondi F, Gatta R, Albano D, Bellini P, Camoni L, **Treglia G**, Bertagna F. Role of Radiomics Features and Machine Learning for the Histological Classification of Stage I and Stage II NSCLC at [18F]FDG PET/CT: A Comparison between Two PET/CT Scanners. *J Clin Med*. 2023;12:255. PMID [36615053](#)
 221. **Dossi R**, Quadri C, Capdevila X, **Saporito A**. Identification of interfascial plane using injection pressure monitoring at the needle tip during ultrasound-guided TAP block in cadavers. *Reg Anesth Pain Med*. 2023;48:615-8. PMID [37474284](#)
 222. Duc M, Mittaz Hager AG, **Zemp D**, Roulet G, Bridel A, Hilfiker R. Current practices of physiotherapists in Switzerland regarding fall risk-assessment for community-dwelling older adults: A national cross-sectional survey. *F1000Res*. 2022;11:513. PMID [38131051](#)
 223. Durante C, Hegedüs L, Na DG, Papini E, Sipos JA, Baek JH, Frasoldati A, Grani G, Grant E, Horvath E, Hoang JK, Mandel SJ, Middleton WD, Ngu R, Orloff LA, Shin JH, **Trimboli P**, Yoon JH, Tessler FN. International Expert Consensus on US Lexicon for Thyroid Nodules. *Radiology*. 2023;309:e231481. PMID [37906014](#)
 224. Duss SB, Bauer-Gambelli SA, Bernasconi C, Dekkers MPJ, Gorban-Peric C, Kuen D, Seiler A, Oberholzer M, Alexiev F, Lippert J, Brill AK, Ott SR, Zubler F, Horvath T, Schmidt MH, **Manconi M**, Bassetti CLA. Frequency and evolution of sleep-wake disturbances after ischemic stroke: A 2-year prospective study of 437 patients. *Sleep Med*. 2023;101:244-51. PMID [36446142](#)
 225. Duss SB, Bernasconi C, Steck A, Brill AK, **Manconi M**, Dekkers M, Schmidt MH, Bassetti CLA. Multiple sleep-wake disturbances after stroke predict an increased risk of cardio-cerebrovascular events or death: A prospective cohort study. *Eur J Neurol*. 2023;30:1696-705. PMID [36912423](#)
 226. Eckharter C, Heeren N, **Mongelli F**, Sykora M, Mühlhäuser J, Lottenbach N, Scheiwiller A, Metzger J, Gass JM. Partial staple line reinforcement with synthetic buttressing material in laparoscopic sleeve gastrectomy: a propensity score-matched analysis. *Langenbecks Arch Surg*. 2023;408:47. PMID [36662323](#)
 227. Eertink JJ, Zwezerijnen GJC, Heymans MW, Pieplenbosch S, Wieggers SE, Dührsen U, Hüttmann A, Kurch L, Hanoun C, Lugtenburg PJ, Barrington SF, Mikhaeel NG, **Ceriani L**, **Zucca E**, Czibor S, Györke T, Chamuleau MED, Hoekstra OS, de Vet HCW, Boellaard R, Zijlstra JM. Baseline PET radiomics outperforms the IPI risk score for prediction of outcome in diffuse large B-cell lymphoma. *Blood*. 2023;141:3055-64. PMID [37001036](#)

228. Eichenauer DA, Bühnen I, Baues C, Kobe C, Kaul H, Greil R, **Moccia A**, Zijlstra JM, Hertenstein B, Topp MS, Just M, von Tresckow B, Eich HT, Fuchs M, Dietlein M, Hartmann S, Engert A, Borchmann P. Interim PET-guided treatment for early-stage NPLHL: a subgroup analysis of the randomized GHSG HD16 and HD17 studies. *Blood*. 2023;142:553-60. PMID [37257195](#)
229. **Eisler JJ, Disanto G, Sacco R, Zecca C, Gobbi C**. Influence of Disease Modifying Treatment, Severe Acute Respiratory Syndrome Coronavirus 2 Variants and Vaccination on Coronavirus Disease 2019 Risk and Outcome in Multiple Sclerosis and Neuromyelitis Optica. *J Clin Med*. 2023;12:5551. PMID [37685618](#)
230. Ekobena P, Rothuizen LE, **Bedussi F**, Guilcher P, Meylan S, **Ceschi A**, Girardin F, Dao K. Four cases of audio-vestibular disorders related to immunisation with SARS-CoV-2 mRNA vaccines. *Int J Audiol*. 2023;62:587-91. PMID [35510657](#)
231. El Rahal A, Beck J, Ahlborn P, Bernasconi C, Marbacher S, Wanderer S, Burkhardt JK, Daniel RT, Ferrari A, Hausmann O, Kamenova M, Kothbauer K, Lutz K, Mariani L, Alfieri A, Schöni D, Schucht P, Raabe A, Regli L, **Kuhlen D**, Seule M, Soleman J, Starnoni D, Zaldivar J, Zweifel C, Schaller K, Fung C. Incidence, therapy, and outcome in the management of chronic subdural hematoma in Switzerland: a population-based multicenter cohort study. *Front Neurol*. 2023;14:1206996. PMID [37780710](#)
232. Elfgen C, Leo C, Kubik-Huch RA, Muenst S, Schmidt N, Quinn C, McNally S, van Diest PJ, Mann RM, Bago-Horvath Z, Bernathova M, Regitnig P, Fuchsjäger M, Schwegler-Guggemos D, Maranta M, Zehbe S, Tausch C, GÜth U, Fallenberg EM, Schradling S, Kothari A, Sonnenschein M, Kampmann G, Kulka J, Tille JC, Körner M, Decker T, Lax SF, Daniaux M, Bjelic-Radisic V, Kacerovsky-Strobl S, **Condorelli R**, Gnant M, Varga Z. Third International Consensus Conference on lesions of uncertain malignant potential in the breast (B3 lesions). *Virchows Arch*. 2023;483:5-20. PMID [37330436](#)
233. El-Garci A, Zindel-Geisseler O, Dannecker N, Rothacher Y, Schlosser L, Zeitlberger A, Velz J, Sebök M, Eggenberger N, May A, Bijlenga P, Guerra-Lopez U, Maduri R, Beaud V, Starnoni D, **Chiappini A, Rossi S, Robert T**, Bonasia S, Goldberg J, Fung C, Bervini D, Gutbrod K, Maldaner N, Früh S, Schwind M, Bozinov O, Neidert MC, Brugger P, Keller E, Germans MR, Regli L, Hostettler IC, Stienen MN. Successful weaning versus permanent cerebrospinal fluid diversion after aneurysmal subarachnoid hemorrhage: post hoc analysis of a Swiss multicenter study. *Neurosurg Focus*. 2023;54:E3. PMID [37004134](#)
234. Ellenbogen KA, **Auricchio A**, Burri H, Gold MR, Leclercq C, Leyva F, Linde C, Jastrzebski M, Prinzen F, Vernooy K. The evolving state of cardiac resynchronization therapy and conduction system pacing: 25 years of research at EP Europace journal. *Europace*. 2023;25:euaad168. PMID [37622580](#)
235. Esposito C, Leva E, Gamba P, Sgrò A, Ferrentino U, Papparella A, Chiarenza F, Blevic C, **Mendoza-Sagaon M, Montaruli E**, Escolino M. Pediatric endoscopic pilonidal sinus treatment (PEPSiT): report of a multicentric national study on 294 patients. *Updates Surg*. 2023;75:1625-31. PMID [37145226](#)
236. Falcó-Pegueroles A, Bosch-Alcaraz A, Terzoni S, Fanari F, Viola E, Via-Clavero G, Hoyo SG, Parini AM, Poveda-Moral S, Parozzi M, Guàrdia-Olmos J, **Bonetti L**. COVID-19 pandemic experiences, ethical conflict and decision-making process in critical care professionals (Quali-Ethics-COVID-19 research part 1): An international qualitative study. *J Clin Nurs*. 2023;32:5185-200. PMID [36740770](#)
237. Falcó-Pegueroles A, Viola E, Poveda-Moral S, Rodríguez-Martín D, Via-Clavero G, Barello S, Bosch-Alcaraz A, **Bonetti L**. Protective factors of ethical conflict during a pandemic-Quali-Ethics-COVID-19 research part 2: An international qualitative study. *J Clin Nurs*. 2023;32:6677-89. PMID [37190669](#)
238. Fanelli F, Bruce S, **Cantù M**, Temchenko A, Mezzullo M, Lindner JM, Peitzsch M, Binz PA, Ackermans MT, Heijboer AC, Van den Ouweland J, Koepl D, Nardi E, Rauh M, Vogeser M, Eisenhofer G, Pagotto U. Report from the HarmoSter study: inter-laboratory comparison of LC-MS/MS measurements of corticosterone, 11-deoxycortisol and cortisone. *Clin Chem Lab Med*. 2023;61:67-77. PMID [36288389](#)
239. Fankhauser CD, Jandari A, Collette L, Tandstad T, Jiang DM, De Giorgi U, Sweeney C, Terbuch A, Chovanec M, Huddart R, Bokemeyer C, Beyer J, **Gillessen S**. Prechemotherapy Not Preorchietomy Serum Tumor Markers Accurately Identify International Germ Cell Cancer Collaborative Group Prognostic Groups in Nonseminoma. *Eur Urol Open Sci*. 2023;56:25-8. PMID [37711670](#)
240. Fava M, Stahl SM, De Martin S, Mattarei A, Bettini E, Comai S, **Alimonti A**, Bifari F, Pani L, Folli F, Guidetti C, Furlan A, Sgrignani J, Locatelli P, Cavalli A, O'Gorman C, Traversa S, Inturrisi CE, Pappagallo M, Manfredi PL. Esmethadone-HCl (REL-1017): a promising rapid antidepressant. *Eur Arch Psychiatry Clin Neurosci*. 2023;273:1463-76. PMID [36890259](#)
241. Favre G, Gerbier E, Maisonneuve E, Pomar L, Winterfeld U, Lepigeon K, Bloemenkamp KWM, de Bruin O, Hurley E, Nordeng H, Siiskonen SJ, Sturkenboom M, Baud D, Panchaud A, COVI-PREG (**Papadia A, Gasparri ML, Morena A, Polli C, Taddei E**) and CONSIGN group. COVID-19-related medicine utilization study in pregnancy: The COVI-PREG cohort. *Br J Clin Pharmacol*. 2023;89:1560-74. PMID [36417423](#)
242. Favre G, Maisonneuve E, Pomar L, Daire C, Monod C, Martinez de Tejada B, Quibel T, Todesco-Bernasconi M, Sentilhes L, Blume C, **Papadia A**, Sturm S, Bassler D, Grawe C, Radan AP, Rossier MC, Mathis J, Capoccia-Brugger R, Lepigeon K, Gerbier E, Addor MC, Winterfeld U, Baud D, Panchaud A, COVI-PREG group. Risk of congenital malformation after first trimester mRNA COVID-19 vaccine exposure in pregnancy: the COVI-PREG prospective cohort. *Clin Microbiol Infect*. 2023;29:1306-12. PMID [37343619](#)
243. Favre G, Maisonneuve E, Pomar L, Daire C, Poncelet C, Quibel T, Monod C, Martinez de

- Tejada B, Schäffer L, **Papadia A**, Radan AP, Todesco-Bernasconi M, Ville Y, Voekt CA, Eggel-Hort B, Capoccia-Brugger R, Johann S, Grawe C, Defert S, Mottet N, Kahlert CR, Garabedian C, Sentilhes L, Weber B, Leu S, Bassler D, Lepigeon K, Winterfeld U, Panchaud A, Baud D. Maternal and perinatal outcomes following pre-Delta, Delta, and Omicron SARS-CoV-2 variants infection among unvaccinated pregnant women in France and Switzerland: a prospective cohort study using the COVI-PREG registry. *Lancet Reg Health Eur*. 2023;26:100569. PMID [36628358](#)
244. Feijen M, Beles M, Tan YZ, Cordon A, Dupont M, Treskes RW, **Caputo ML**, K VANB, **Auricchio A**, Egorova AD, Maes E, Beerens S, Heggermont WA. Fewer Worsening Heart Failure Events With HeartLogic on top of Standard Care: a Propensity-Matched Cohort Analysis. *J Card Fail*. 2023;29:1522-30. PMID [37220824](#)
245. **Feltri P**, **Gonalba GC**, Boffa A, **Candrian C**, Menon A, Randelli PS, **Filardo G**. Platelet-rich plasma does not improve clinical results in patients with rotator cuff disorders but reduces the retear rate. A systematic review and meta-analysis. *Knee Surg Sports Traumatol Arthrosc*. 2023;31:1940-52. PMID [36496450](#)
246. **Feltri P**, **Monteleone AS**, **Marbach F**, **Filardo G**, **Candrian C**. Arthroscopic rotator cuff repair: patients with physically demanding work have significantly worse time to return to work, level of employment, and job loss. *Knee Surg Sports Traumatol Arthrosc*. 2023;31:153-60. PMID [36163511](#)
247. **Feltri P**, Solaro L, Errani C, **Schiavon G**, **Candrian C**, **Filardo G**. Vascularized fibular grafts for the treatment of long bone defects: pros and cons. A systematic review and meta-analysis. *Arch Orthop Trauma Surg*. 2023;143:29-48. PMID [34110477](#)
248. Filippidis P, Damas J, Viala B, Assal F, Nawej Tshikung O, Tarr P, Derfuss T, Oberholzer M, Jelicic I, Hundsbarger T, **Sacco L**, Cavassini M, Du Pasquier R, Darling KEA. Cerebrospinal Fluid HIV-1 Escape in Patients With Neurocognitive Symptoms: Pooled Data From a Neuro-HIV Platform and the NAMACO Study. *J Acquir Immune Defic Syndr*. 2023;93:219-28. PMID [36927958](#)
249. Findlay J, Poirel L, Bouvier M, **Gaia V**, Nordmann P. Resistance to ceftazidime-avibactam in a KPC-2-producing *Klebsiella pneumoniae* caused by the extended-spectrum beta-lactamase VEB-25. *Eur J Clin Microbiol Infect Dis*. 2023;42:639-44. PMID [36877262](#)
250. Fischer FB, Bigler M, Mäusezahl D, Hattendorf J, Egli A, Julian TR, Rölli F, **Gaia V**, Wymann M, Fridez F, Bertschi S, SwissLEGIO Hospital Network (**Bernasconi E**, **Petrino R**, **Uccella L**). Legionnaires' disease in Switzerland: rationale and study protocol of a prospective national case-control and molecular source attribution study (SwissLEGIO). *Infection*. 2023;51:1467-79. PMID [36905400](#)
251. Fischer S, Rothermundt C, Stalder O, Terbuch A, Hermanns T, Zihler D, Müller B, Fankhauser CD, Hirschi-Blickenstorfer A, Seifert B, Kluth LA, Ufe MP, Mingrone W, Templeton AJ, Fischer N, Rothschild S, Woelky R, **Gillessen S**, Cathomas R. The Value of Tumour Markers in the Detection of Relapse-Lessons Learned from the Swiss Austrian German Testicular Cancer Cohort Study. *Eur Urol Open Sci*. 2023;50:57-60. PMID [36874175](#)
252. FitrIDGE R, Chuter V, Mills J, Hinchliffe R, Azuma N, Behrendt CA, Boyko EJ, Conte MS, Humphries M, Kirksey L, McGinagle KC, Nikol S, Nordanstig J, Rowe V, Russell D, **van den Berg JC**, Venermo M, Schaper N. The Intersocietal IWGDF, ESVS, SVS Guidelines on Peripheral Artery Disease in People With Diabetes Mellitus and a Foot Ulcer. *Eur J Vasc Endovasc Surg*. 2023;PMID [37724984](#)
253. FitrIDGE R, Chuter V, Mills J, Hinchliffe R, Azuma N, Behrendt CA, Boyko EJ, Conte MS, Humphries M, Kirksey L, McGinagle KC, Nikol S, Nordanstig J, Rowe V, Russell D, **van den Berg JC**, Venermo M, Schaper N. The intersocietal IWGDF, ESVS, SVS guidelines on peripheral artery disease in people with diabetes mellitus and a foot ulcer. *J Vasc Surg*. 2023;78:1101-31. PMID [37724985](#)
254. Fiz F, Bottoni G, Massollo M, **Trimboli P**, Catrambone U, Bacigalupo L, Righi S, **Treglia G**, Imperiale A, Piccardo A. [18F]F-Choline PET/CT and 4D-CT in the evaluation of primary hyperparathyroidism: rivals or allies? *Q J Nucl Med Mol Imaging*. 2023;67:130-7. PMID [37232932](#)
255. Fizazi K, **Gillessen S**. Updated treatment recommendations for prostate cancer from the ESMO Clinical Practice Guideline considering treatment intensification and use of novel systemic agents. *Ann Oncol*. 2023;34:557-63. PMID [36958590](#)
256. Fontana F, Piacentino F, Curti M, Ierardi AM, Coppola A, Macchi E, De Marchi G, Faiella E, Santucci D, Moramarco LP, **Del Grande F**, Piffaretti G, Tozzi M, Imperatori A, Carcano G, Basile A, D'Angelo F, Carrafiello G, Venturini M. Pulmonary Artery Pseudoaneurysms Embolization: Bicentric Experience and Review of the Literature. *J Clin Med*. 2023;12:3796. PMID [37297991](#)
257. Fontana S, **Ripellino P**, Niederhauser C, Widmer N, Gowland P, Petrini O, Aprile M, Merlani G, Bihl F. Epidemiology of HEV Infection in Blood Donors in Southern Switzerland. *Microorganisms*. 2023;11:2375. PMID [37894033](#)
258. Foster-Witassek F, Aebersold H, Aeschbacher S, Ammann P, Beer JH, Blozik E, Bonati LH, **Cattaneo M**, Coslovsky M, Felder S, **Moschovitis G**, Müller A, Netzer S, Paladini RE, Reichlin T, Rodondi N, Stauber A, Sticherling C, Szucs T, Conen D, Kühne M, Osswald S, Serra-Burriel M, Schwenkglenks M. Longitudinal Changes in Health-Related Quality of Life in Patients With Atrial Fibrillation. *J Am Heart Assoc*. 2023;12:e031872. PMID [37929709](#)
259. Foster-Witassek F, Rickli H, Roffi M, **Pedrazzini G**, Eberli F, Fassa A, Jeger R, Fournier S, Erne P, Radovanovic D. Reducing gap in pre-hospital delay between women and men presenting with ST-elevation myocardial infarction. *Eur J Prev Cardiol*. 2023;30:1056-62. PMID [36511951](#)
260. Frei AL, Oberson R, Baumann E, Perren A, Grobholz R, Lugli A, Dawson H, Abbet C, Lertxundi I, Reinhard S, Mookhoek A, Feichtinger J, **Sarro R**, Gadiant G, Dommann-Scherrer C, **Barizzi J**, Berezowska S, Glatz K, Dertinger S, Banz Y,

- Schoenegg R, Rubbia-Brandt L, Fleischmann A, Saile G, Mainil-Varlet P, Biral R, Giudici L, Soltermann A, Chaubert AB, Stadlmann S, Diebold J, Egervari K, Bénérière C, Saro F, Janowczyk A, Zlobec I. Pathologist Computer-Aided Diagnostic Scoring of Tumor Cell Fraction: A Swiss National Study. *Mod Pathol.* 2023;36:100335. PMID [37742926](#)
261. **Fulda S, Miano S.** Time to rest a hypothesis? Accumulating evidence that periodic leg movements during sleep are not increased in children with attention-deficit hyperactivity disorder (ADHD): results of a case-control study and a meta-analysis. *Sleep.* 2023;46:zsad046. PMID [36869787](#)
262. Fusco R, Tesi C, Larentis O, **Spina P**, Campagnolo M, Licata M. A possible case of orbital osteomyelitis from the medieval cemetery of Sant'Agostino in Caravate (Varese, Northern Italy). *Int J Paleopathol.* 2023;41:50-4. PMID [36947955](#)
263. **Fusi C, Bulleri E, Villa M**, Pisani L, El Aoufy K, Lucchini A, Bambi S. Awake Prone Positioning in Nonintubated Patients With Acute Hypoxemic Respiratory Failure. *Crit Care Nurse.* 2023;43:31-41. PMID [36720282](#)
264. Gaertner J, **Fusi-Schmidhauser T**, Stock S, Siemens W, Venedey V. Effect of opioids for breathlessness in heart failure: a systematic review and meta-analysis. *Heart.* 2023;109:1064-71. PMID [36878671](#)
265. Gagliardi D, **Ripellino P**, Meneri M, Del Bo R, Antognozzi S, Comi GP, **Gobbi C**, Ratti A, Ticozzi N, Silani V, Ronchi D, Corti S. Clinical and molecular features of patients with amyotrophic lateral sclerosis and SOD1 mutations: a monocentric study. *Front Neurol.* 2023;14:1169689. PMID [37265463](#)
266. Galea R, Aminian A, Meneveau N, De Marco F, Heg D, Anselme F, Gräni C, Huber AT, Teiger E, Iriart X, Franzone A, Vranckx P, Fischer U, **Pedrazzini G**, Bedogni F, **Valgimigli M**, Räber L. Impact of Preprocedural Computed Tomography on Left Atrial Appendage Closure Success: A Swiss-Apero Trial Subanalysis. *JACC Cardiovasc Interv.* 2023;16:1332-43. PMID [37316145](#)
267. **Gallo M, van den Berg JC, Torre T, Riggi M, Demertzis S, Ferrari E.** Long-Term Outcomes and Risk Factors Analysis for Patients Undergoing Thoracic Endovascular Aorta Repair (TEVAR), According to the Aortic Pathologies. *Ann Vasc Surg.* 2023;94:362-8. PMID [36907507](#)
268. Gallon J, Rodriguez-Calero A, Benjak A, Akhoundova D, Maletti S, Amstutz U, Hewer E, Genitsch V, Fleischmann A, Rushing EJ, Grobholz R, Fischer I, Jochum W, Cathomas G, Osunkoya AO, Bubendorf L, Moch H, Thalmann G, Feng FY, **Gillessen S**, Ng CKY, Rubin MA, Piscuoglio S. DNA Methylation Landscapes of Prostate Cancer Brain Metastasis Are Shaped by Early Driver Genetic Alterations. *Cancer Res.* 2023;83:1203-13. PMID [36749655](#)
269. **Gamarra E**, Retta F, Lucatello B, Ragazzoni F, **Camponovo C**, Deandrea M, **Trimboli P**. Continuous subcutaneous rhPTH infusion for managing difficult chronic hypoparathyroidism. A systematic review. *Endocrine.* 2023;81:194-205. PMID [37017857](#)
270. **Gamarra E, Trimboli P.** Menstrual Cycle, Glucose Control and Insulin Sensitivity in Type 1 Diabetes: A Systematic Review. *J Pers Med.* 2023;13:374. PMID [36836608](#)
271. Gargiulo G, Marenga A, Sperandeo L, Manzi L, Avvedimento M, Simonetti F, Canonico ME, Paolillo R, Spinelli A, Borgia F, Diserafino L, Franzone A, Stabile E, Piccolo R, Cirillo P, **Valgimigli M**, Esposito G. Pharmacodynamic effects of cangrelor in elective complex PCI: insights from the POMPEI Registry. *EuroIntervention.* 2023;18:1266-8. PMID [36512429](#)
272. Garo ML, Campenni A, Petranovic-Ovcaricek P, D'Aurizio F, **Giovanella L.** Evolution of thyroid cancer biomarkers: from laboratory test to patients' clinical management. *Clin Chem Lab Med.* 2023;61:935-45. PMID [36370420](#)
273. Garo ML, Deandreis D, Campenni A, Vrachimis A, Petranovic Ovcaricek P, **Giovanella L.** Accuracy of papillary thyroid cancer prognostic nomograms: a systematic review. *Endocr Connect.* 2023;12:e220457. PMID [36662681](#)
274. **Gasparri ML**, Albasini S, Truffi M, Favilla K, Tagliaferri B, Piccotti F, Bossi D, Armatura G, Calcinotto A, Chiappa C, Combi F, Curcio A, Della Valle A, Ferrari G, Folli S, Ghilli M, Listorti C, Mancini S, Marinello P, Mele S, Pertusati A, Roncella M, **Rossi L**, Rovera F, Segattini S, Sgarella A, Tognali D, Corsi F. Low neutrophil-to-lymphocyte ratio and pan-immune-inflammation-value predict nodal pathologic complete response in 1274 breast cancer patients treated with neoadjuvant chemotherapy: a multicenter analysis. *Ther Adv Med Oncol.* 2023;15:17588359231193732. PMID [37720495](#)
275. Gastaldi G, **Lucchini B**, Thalmann S, Alder S, Laimer M, Brändle M, Wiesli P, Lehmann R. Swiss recommendations of the Society for Endocrinology and Diabetes (SGED/SSED) for the treatment of type 2 diabetes mellitus (2023). *Swiss Med Wkly.* 2023;153:40060. PMID [37011604](#)
276. Gear J, Stokke C, Terwinghe C, Gnesin S, Sandström M, Tran-Gia J, Cremonesi M, Cicone F, Verburg F, Hustinx R, **Giovanella L**, Herrmann K, Gabiña PM. EANM enabling guide: how to improve the accessibility of clinical dosimetry. *Eur J Nucl Med Mol Imaging.* 2023;50:1861-8. PMID [37086275](#)
277. Gentile FR, Baldi E, Klersy C, Schnaubelt S, **Caputo ML**, Clodi C, **Bruno J**, Compagnoni S, Fasolino A, Benvenuti C, Domanovits H, Burkart R, Primi R, Ruzicka G, Holzer M, **Auricchio A**, Savastano S. Association Between Postresuscitation 12-Lead ECG Features and Early Mortality After Out-of-Hospital Cardiac Arrest: A Post Hoc Subanalysis of the PEACE Study. *J Am Heart Assoc.* 2023;12:e027923. PMID [37183852](#)
278. **Gerli V, Koetsier E, Ledingham N, Maino P.** "Can't Intubate Can't Oxygenate" Situation in an Elective Patient in Suspected Sarcoidosis: A Case Report. *Eur J Case Rep Intern Med.* 2023;10:004088. PMID [37920228](#)
279. Gerson SM, **Gamondi C**, Wiebe E, Deliens L. Should Palliative Care Teams be Involved in Medical Assisted Dying? *J Pain Symptom Manage.* 2023;66:e233-e7. PMID [37072103](#)

280. **Gillessen S**, Bossi A, Davis ID, de Bono J, Fizazi K, James ND, Mottet N, Shore N, Small E, Smith M, Sweeney C, Tombal B, Antonarakis ES, Aparicio AM, Armstrong AJ, Attard G, Beer TM, Beltran H, Bjartell A, Blanchard P, Briganti A, Bristow RG, Bulbul M, Caffo O, Castellano D, Castro E, Cheng HH, Chi KN, Chowdhury S, Clarke CS, Clarke N, Daugaard G, De Santis M, Duran I, Eeles R, Efstathiou E, Efstathiou J, Ngozi Ekeke O, Evans CP, Fanti S, Feng FY, Fonteyne V, **Fossati N**, Frydenberg M, George D, Gleave M, Gravis G, Halabi S, Heinrich D, Herrmann K, Higano C, Hofman MS, Horvath LG, Hussain M, Jereczek-Fossa BA, Jones R, Kanesvaran R, Kellokumpu-Lehtinen PL, Khauli RB, Klotz L, Kramer G, Leibowitz R, Logothetis CJ, Mahal BA, Maluf F, Mateo J, Matheson D, Mehra N, Merseburger A, Morgans AK, Morris MJ, Mrabti H, Mukherji D, Murphy DG, Murthy V, Nguyen PL, Oh WK, Ost P, O'Sullivan JM, Padhani AR, Pezaro C, Poon DMC, Pritchard CC, Rabah DM, Rathkopf D, Reiter RE, Rubin MA, Ryan CJ, Saad F, Pablo Sade J, Sartor OA, Scher HI, Sharifi N, Skoneczna I, Soule H, Spratt DE, Srinivas S, Sternberg CN, Steuber T, Suzuki H, Sydes MR, Taplin ME, Tilki D, Türkeri L, **Turco F**, Uemura H, Uemura H, Ürün Y, Vale CL, van Oort I, Vapiwala N, Walz J, Yamoah K, Ye D, Yu EY, Zapatero A, **Zilli T**, Omlin A. Management of Patients with Advanced Prostate Cancer. Part I: Intermediate-/High-risk and Locally Advanced Disease, Biochemical Relapse, and Side Effects of Hormonal Treatment: Report of the Advanced Prostate Cancer Consensus Conference 2022. *Eur Urol.* 2023;83:267-93. PMID [36494221](#)
281. **Gillessen S**, Bossi A, Davis ID, de Bono J, Fizazi K, James ND, Mottet N, Shore N, Small E, Smith M, Sweeney CJ, Tombal B, Antonarakis ES, Aparicio AM, Armstrong AJ, Attard G, Beer TM, Beltran H, Bjartell A, Blanchard P, Briganti A, Bristow RG, Bulbul M, Caffo O, Castellano D, Castro E, Cheng HH, Chi KN, Chowdhury S, Clarke CS, Clarke N, Daugaard G, De Santis M, Duran I, Eeles R, Efstathiou E, Efstathiou J, Ekeke ON, Evans CP, Fanti S, Feng FY, Fonteyne V, **Fossati N**, Frydenberg M, George D, Gleave M, Gravis G, Halabi S, Heinrich D, Herrmann K, Higano C, Hofman MS, Horvath LG, Hussain M, Jereczek-Fossa BA, Jones R, Kanesvaran R, Kellokumpu-Lehtinen PL, Khauli RB, Klotz L, Kramer G, Leibowitz R, Logothetis C, Mahal B, Maluf F, Mateo J, Matheson D, Mehra N, Merseburger A, Morgans AK, Morris MJ, Mrabti H, Mukherji D, Murphy DG, Murthy V, Nguyen PL, Oh WK, Ost P, O'Sullivan JM, Padhani AR, Pezaro CJ, Poon DMC, Pritchard CC, Rabah DM, Rathkopf D, Reiter RE, Rubin MA, Ryan CJ, Saad F, Sade JP, Sartor O, Scher HI, Sharifi N, Skoneczna I, Soule H, Spratt DE, Srinivas S, Sternberg CN, Steuber T, Suzuki H, Sydes MR, Taplin ME, Tilki D, Türkeri L, **Turco F**, Uemura H, Uemura H, Ürün Y, Vale CL, van Oort I, Vapiwala N, Walz J, Yamoah K, Ye D, Yu EY, Zapatero A, **Zilli T**, Omlin A. Management of patients with advanced prostate cancer-metastatic and/or castration-resistant prostate cancer: Report of the Advanced Prostate Cancer Consensus Conference (APCCC) 2022. *Eur J Cancer.* 2023;185:178-215. PMID [37003085](#)
282. **Gillessen S**, Procopio G, Hayoz S, Kremer E, Schwitler M, Caffo O, Lorente D, Pedrazzini A, Roubaud G, Nenán S, Omlin A, Buttigliero C, Delgado Mingorance JI, González-Del-Alba A, Delgado MT, Nole F, **Turco F**, **Pereira Mestre R**, Ribí K, Cathomas R. Darolutamide Maintenance in Patients With Metastatic Castration-Resistant Prostate Cancer With Nonprogressive Disease After Taxane Treatment (SAKK 08/16). *J Clin Oncol.* 2023;41:3608-15. PMID [36753698](#)
283. **Giovanella L**, D'Aurizio F, Algeciras-Schimmich A, Görges R, Petranovic Ovaricek P, Tuttle RM, Visser WE, Verburg FA. Thyroglobulin and thyroglobulin antibody: an updated clinical and laboratory expert consensus. *Eur J Endocrinol.* 2023;189:R11-r27. PMID [37625447](#)
284. **Giovanella L**, Garo ML, Campenni A, Petranović Ovcariček P, Görges R. Thyroid Hormone Withdrawal versus Recombinant Human TSH as Preparation for I-131 Therapy in Patients with Metastatic Thyroid Cancer: A Systematic Review and Meta-Analysis. *Cancers (Basel).* 2023;15:2510. PMID [37173976](#)
285. **Giovanella L**, Garo ML, **Cuzzocrea M**, **Paone G**, Herrmann K. Prognostic role of early prostate specific antigen changes after [(177) Lu]Lu-PSMA radioligand therapy of metastasized prostate cancer: A meta-analysis. *Eur J Clin Invest.* 2023;53:e14014. PMID [37194605](#)
286. **Giovanella L**, **Milan L**, Roll W, Weber M, Schenke S, Kreissl M, Vrachimis A, Pabst K, Murat T, Petranovic Ovaricek P, Riemann B, **Ceriani L**, Campenni A, Görges R. Postoperative thyroglobulin as a yard-stick for radioiodine therapy: decision tree analysis in a European multicenter series of 1317 patients with differentiated thyroid cancer. *Eur J Nucl Med Mol Imaging.* 2023;50:2767-74. PMID [37121981](#)
287. **Giovanella L**. Radioiodine therapy in differentiated thyroid cancer. There is (still) a great chaos under heaven: is the situation excellent? *Endocrine.* 2023;81:47-9. PMID [36752957](#)
288. **Giuffrida S**, Silano V, Ramacciati N, Prandi C, Baldon A, Bianchi M. Teaching strategies of clinical reasoning in advanced nursing clinical practice: A scoping review. *Nurse Educ Pract.* 2023;67:103548. PMID [36708638](#)
289. **Giunchi D**, **Gonzalez J**, Odorizzi M, **Mendoza MS**, **De Rosa V**. Simultaneous Bilateral Avulsion of Tibial Anterior Tubercle in Adolescent: Two Case Reports and Narrative Review of the Literature. *Case Rep Orthop.* 2023;2023:1035705. PMID [36819845](#)
290. Gjørde LK, Eeltink C, Stringer J, Mooyaart J, Bosman P, Kenyon M, **Liptrott S**, Greenfield DM, Linke A, Turlure P, Botti S, Dzaferagic D, Sica S, Welsh L, Kisch A, Perić Z, Schoemans H, Murray J. Sexual function of adult long-term survivors and their partners after allogeneic hematopoietic cell transplantation in Europe (S-FAST): a study from the Transplant Complications Working Party and Nurses Group of the EBMT. *Bone Marrow Transplant.* 2023;58:195-202. PMID [36376470](#)
291. Gold MR, Ellenbogen KA, Leclercq C, Lowy J, Rials SJ, Shoda M, Tomassoni G, Issa Z, Sarrazin JF, Jennings JM, Nair DG, Wold N, Yong P, Harbin MM, Stein KM, **Auricchio A**.

- Effects of Atrioventricular Optimization on Left Ventricular Reverse Remodeling With Cardiac Resynchronization Therapy: Results of the SMART-CRT Trial. *Circ Arrhythm Electrophysiol.* 2023;16:e011714. PMID [37183700](#)
292. Goldman RD, Hart RJ, Bone JN, Seiler M, Olson PG, Keitel K, Manzano S, **Gualco G**, Krupik D, Schroter S, Weigert RM, Chung S, Thompson GC, Muhammad N, Shah P, Gaucher NO, Hou M, Griffiths J, Lunoe MM, Evers M, Pharisa Rochat C, Nelson CE, Gal M, Baumer-Mouradian SH. Willingness to vaccinate children against COVID-19 declined during the pandemic. *Vaccine.* 2023;41:2495-502. PMID [36889992](#)
293. González-Ferrero T, **Bergonti M**, López-Canoa JN, Arias FG, Eiras Penas S, Spera F, González-Maestro A, Minguito-Carazo C, Martínez-Sande JL, González-Melchor L, García-Seara FJ, Fernández-López JA, Álvarez-Castro E, González-Juanatey JR, Heidebuchel H, Sarkozy A, Rodríguez-Mañero M. Atrial fibrillation ablation in patients with arrhythmia-induced cardiomyopathy: a prospective multicentre study. *ESC Heart Fail.* 2023;10:3055-66. PMID [37593841](#)
294. Gorog DA, Ferreiro JL, Ahrens I, Ako J, Geisler T, Halvorsen S, Huber K, Jeong YH, Navarese EP, Rubboli A, Sibbing D, Siller-Matula JM, Storey RF, Tan JWC, Ten Berg JM, **Valgimigli M**, Vandenbrielle C, Lip GYH. De-escalation or abbreviation of dual antiplatelet therapy in acute coronary syndromes and percutaneous coronary intervention: a Consensus Statement from an international expert panel on coronary thrombosis. *Nat Rev Cardiol.* 2023;20:830-44. PMID [37474795](#)
295. **Graff V**, **Gabutti L**, **Treglia G**, **Pascale M**, **Anselmi L**, **Cafarotti S**, **La Regina D**, **Mongelli F**, **Saporito A**. Perioperative costs of local or regional anesthesia versus general anesthesia in the outpatient setting: a systematic review of recent literature. *Braz J Anesthesiol.* 2023;73:316-39. PMID [34627828](#)
296. Gragnano F, Cao D, Pirondini L, Franzone A, Kim HS, von Scheidt M, Pettersen AR, Zhao Q, Woodward M, Chiarito M, McFadden EP, Park KW, Kastrati A, Seljeflot I, Zhu Y, Windecker S, Kang J, Schunkert H, Arnesen H, Bhatt DL, Steg PG, Calabrò P, Pocock S, Mehran R, **Valgimigli M**. P2Y(12) Inhibitor or Aspirin Monotherapy for Secondary Prevention of Coronary Events. *J Am Coll Cardiol.* 2023;82:89-105. PMID [37407118](#)
297. Gragnano F, Mehran R, Branca M, Franzone A, Baber U, Jang Y, Kimura T, Hahn JY, Zhao Q, Windecker S, Gibson CM, Kim BK, Watanabe H, Song YB, Zhu Y, Vranckx P, Mehta S, Hong SJ, Ando K, Gwon HC, Calabrò P, Serruys PW, Dangas GD, McFadden EP, Angiolillo DJ, Heg D, **Valgimigli M**. P2Y(12) Inhibitor Monotherapy or Dual Antiplatelet Therapy After Complex Percutaneous Coronary Interventions. *J Am Coll Cardiol.* 2023;81:537-52. PMID [36754514](#)
298. Gragnano F, **Valgimigli M**, Calabrò P. Debate on antiplatelet monotherapy: P2Y12 inhibitor monotherapy in patients with coronary artery disease. *G Ital Cardiol (Rome).* 2023;24:19s-20s. PMID [37158027](#)
299. **Grignoli N**, Petrocchi S, **Polito A**, **Gagliano V**, Sallusto F, Uguccioni M, **Gabutti L**. The interplay between previous infection and mental health condition on antibody response to COVID-19 mRNA vaccination. *Brain Behav Immun Health.* 2023;33:100677. PMID [37701787](#)
300. Grilli M, **Zaed I**. Editorial: Neuroplasticity in cognitive and psychological mechanisms of anxiety. *Front Mol Neurosci.* 2023;16:1241279. PMID [37465365](#)
301. Groenhoff L, De Zan G, Costantini P, Siani A, Ostilio E, Carriero S, Muscogiuri G, Bergamaschi L, Patti G, Pizzi C, Sironi S, **Pavon AG**, Carriero A, Guglielmo M. The Non-Invasive Diagnosis of Chronic Coronary Syndrome: A Focus on Stress Computed Tomography Perfusion and Stress Cardiac Magnetic Resonance. *J Clin Med.* 2023;12:3793. PMID [37297986](#)
302. Guccini I, Tang G, To TT, Di Rito L, Le Blanc S, Strobel O, D'Ambrosio M, Pasquini E, Bolis M, Silva P, Kabakci HA, Godbersen S, **Alimonti A**, Schwank G, Stoffel M. Genetic ablation of ketohexokinase C isoform impairs pancreatic cancer development. *iScience.* 2023;26:107368. PMID [37559908](#)
303. **Guerini Giusteri V**, **Caputo ML**, Baldi E, **Auricchio A**, Savastano S. Effect of COVID-19 on out-of-hospital cardiac arrest survival: No light at the end of the tunnel yet. *Resuscitation.* 2023;191:109957. PMID [37661015](#)
304. Guglielmo M, Arangalage D, Bonino MA, Angelini G, Bonanni M, Pontone G, **Pascale P**, **Leo LA**, **Faletta F**, Schwitter J, **Pedrazzini G**, Monney P, **Pavon AG**. Additional value of cardiac magnetic resonance feature tracking parameters for the evaluation of the arrhythmic risk in patients with mitral valve prolapse. *J Cardiovasc Magn Reson.* 2023;25:32. PMID [37316826](#)
305. Guidetti F, Arribas AJ, Sartori G, Spriano F, Barnabei L, Tarantelli C, Von Roemeling R, Martinez E, **Zucca E**, **Bertoni F**. Targeting IRAK4 with Emavusertib in Lymphoma Models with Secondary Resistance to PI3K and BTK Inhibitors. *J Clin Med.* 2023;12:399. PMID [36675328](#)
306. Guidi M, Bufalini C, Guzzini M, Koverech G, Cenci G, **Lucchina S**, Kim BS, Calcagni M, Perugia D. Distraction Arthroplasty for Basal Thumb Osteoarthritis: 10-Year Follow-Up. *J Hand Surg Am.* 2023;48:796-802. PMID [35718582](#)
307. Guidi M, Guzzini M, Civitenga C, Lanzetti RM, Kim BS, Besmens IS, **Riegger M**, **Lucchina S**, Calcagni M, Perugia D. Multifactorial Analysis of Treatment of Long-Bone Nonunion with Vascularized and Nonvascularized Bone Grafts. *J Hand Microsurg.* 2023;15:106-15. PMID [37020609](#)
308. Guidobaldi L, Cafiero C, D'Amato G, Dell'Aquila M, **Trimboli P**, Palmirotta R, Pisconti S. Primary Thyroid Lymphoma: How Molecular Biology and Ancillary Techniques Can Help the Cytopathologist Overcome This Diagnostic Challenge. *J Pers Med.* 2023;13:1203. PMID [37623454](#)
309. Guillemin PC, Sinden D, M'Rad Y, Schwenke M, Le Guevelou J, Uiterwijk JWE, Lorton O, Scheffler M, Poletti P-A, Jenne J, **Zilli T**, Salomir R. A Novel Concept of Transperineal Focused Ultrasound Transducer for Prostate Cancer Local Deep Hyperthermia Treatments. *Cancers (Basel).* 2023;15:163. PMID [36612159](#)

310. Guimarães PO, Franken M, Tavares CAM, Silveira FS, Antunes MO, Bergo RR, Joaquim RM, Hirai JCS, Andrade PB, Pitta FG, Mariani J, Jr., Nascimento BR, de Paula JET, Silveira MS, Costa TAO, Dall'Orto FTC, Serpa RG, Sampaio FBA, Ohe LN, Mangione FM, Furtado RHM, Sarmento-Leite R, Monfardini F, Assis SRL, Nicolau JC, Sposito AC, Lopes RD, Onuma Y, **Valgimigli M**, Angiolillo DJ, Serruys PW, Berwanger O, Bacal F, Lemos PA. P2Y12 inhibitor monotherapy versus dual antiplatelet therapy in patients with acute coronary syndromes undergoing coronary stenting: rationale and design of the NEOMINDSET Trial. *EuroIntervention*. 2023;19:e323-e9. PMID [37306039](#)
311. Guo C, Figueiredo I, Gurel B, Neeb A, Seed G, Crespo M, Carreira S, Rekowski J, Buroni L, Welti J, Bogdan D, Gallagher L, Sharp A, Fenor de la Maza MD, Rescigno P, Westaby D, Chandran K, Riisnaes R, Ferreira A, Miranda S, Cali B, **Alimonti A**, Bressan S, Nguyen AHT, Shen MM, Hawley JE, Obradovic A, Drake CG, Bertan C, Baker C, Tunariu N, Yuan W, de Bono JS. B7-H3 as a Therapeutic Target in Advanced Prostate Cancer. *Eur Urol*. 2023;83:224-38. PMID [36114082](#)
312. Guo C, Sharp A, Gurel B, Crespo M, Figueiredo I, Jain S, **Vogl U**, Rekowski J, Rouhifard M, Gallagher L, Yuan W, Carreira S, Chandran K, Paschalis A, **Colombo I**, **Stathis A**, Bertan C, Seed G, Goodall J, Raynaud F, Ruddle R, Swales KE, Malia J, Bogdan D, Tiu C, Caldwell R, Aversa C, Ferreira A, Neeb A, Tunariu N, Westaby D, Carmichael J, Fenor de la Maza MD, Yap C, Matthews R, Badham H, Prout T, Turner A, Parmar M, Tovey H, Riisnaes R, Flohr P, Gil J, Waugh D, Decordova S, Schlag A, Cali B, **Alimonti A**, de Bono JS. Targeting myeloid chemotaxis to reverse prostate cancer therapy resistance. *Nature*. 2023;623:1053-61. PMID [37844613](#)
313. Hachfeld A, Atkinson A, Stute P, Calmy A, Tarr PE, Darling KEA, Babouee Flury B, **Polli C**, Sultan-Beyer L, Abela IA, Aebi-Popp K. Brief Report: Does Menopause Transition Influence Viral Suppression and Adherence in Women Living With HIV? *J Acquir Immune Defic Syndr*. 2023;92:399-404. PMID [36595226](#)
314. **Hackethal S**, **Maino P**, **Koetsier E**, **Manconi M**. Spinal cord stimulation in severe pharmaco-resistant restless legs syndrome-two case reports. *Front Neurol*. 2023;14:1219881. PMID [38099065](#)
315. Haeberlin A, Noti F, Breitenstein A, **Auricchio A**, Reichlin T, **Conte G**, Klersy C, Curti M, Pruvot E, Domenichini G, Schaer B, Kühne M, Gruszczynski M, Burri H, Kobza R, Grebmer C, **Regoli FD**. Transvenous Lead Extraction during Cardiac Implantable Device Upgrade: Results from the Multicenter Swiss Lead Extraction Registry. *J Clin Med*. 2023;12:5175. PMID [37629216](#)
316. Haefliger S, Hench J, O'Rourke CJ, Meyer-Schaller N, Uzun S, Saldarriaga J, Weber A, **Mazzucchelli L**, Jermann P, Frank S, Andersen JB, Terracciano L, Sempoux C, Matter MS. Genetic and epigenetic analysis of hepatocellular adenomas with atypical morphological features. *Histopathology*. 2023;82:722-30. PMID [36583256](#)
317. Halasz G, **Capelli B**, Nardecchia A, **Cattaneo M**, **Cassina T**, Biasini V, Barbieri D, **Villa M**, Beltrami M, Perone F, Villani M, **Badini M**, Gervasi F, Piepoli M, **Via G**. Cost-effectiveness and diagnostic accuracy of focused cardiac ultrasound in the pre-participation screening of athletes: the SPORT-FoCUS study. *Eur J Prev Cardiol*. 2023;30:1748-57. PMID [37668353](#)
318. Hall C, Eniu A, Rassy E, **Cavalli F**, Costa A, Peccatori F, Rolfo C, Pavlidis N. The educational contribution of the college of the European school of oncology (ESCO): A survey analysis of the first three years. *Crit Rev Oncol Hematol*. 2023;192:104145. PMID [37783317](#)
319. Hammerer-Lercher A, Nilius H, Studt JD, Tsakiris DA, Greinacher A, Mendez A, Schmidt A, Wuillemin WA, **Gerber B**, Kremer Hovinga JA, Vishnu P, Graf L, Bakchoul T, Nagler M. Limited concordance of heparin/platelet factor 4 antibody assays for the diagnosis of heparin-induced thrombocytopenia: an analysis of the TORADI-HIT study. *J Thromb Haemost*. 2023;21:2559-68. PMID [37247669](#)
320. Hamusonde K, Nicca D, Gnthard HF, Stckle M, Darling KEA, Calmy A, **Bernasconi E**, Haerry D, Schmid P, Kouyos RD, Rauch A, Salazar-Vizcaya L. Triggers of Change in Sexual Behavior Among People With HIV: The Swiss U U Statement and COVID-19 Compared. *J Infect Dis*. 2023;227:407-11. PMID [36408629](#)
321. Hamza T, Chalkou K, Pellegrini F, Kuhle J, Benkert P, Lorscheider J, **Zecca C**, Iglesias-Urrutia CP, Manca A, Furukawa TA, Cipriani A, Salanti G. Synthesizing cross-design evidence and cross-format data using network meta-regression. *Res Synth Methods*. 2023;14:283-300. PMID [36625736](#)
322. Hanna GJ, **Stathis A**, Lopez-Miranda E, Racca F, Quon D, Leyvraz S, Hess D, Keam B, Rodon J, Ahn MJ, Kim HR, Schneeweiss A, Ribera JM, DeAngelo D, Perez Garcia JM, Cortes J, Schönborn-Kellenberger O, Weber D, Pisa P, Bauer M, Beni L, Bobadilla M, Lehal R, Vigolo M, Vogl FD, Garralda E. A Phase I Study of the Pan-Notch Inhibitor CB-103 for Patients with Advanced Adenoid Cystic Carcinoma and Other Tumors. *Cancer Res Commun*. 2023;3:1853-61. PMID [37712875](#)
323. Hasler-Strub U, Mueller A, Li Q, Thuerlimann B, Ribl K, Gerber S, von Moos R, Fehr M, Rochlitz C, Zaman K, Aebi S, Hochstrasser A, Gick U, Baertschi D, Greuter S, Schreiber A, Caspar CB, Trojan A, **Condorelli R**, Ruhstaller T. Eribulin as first-line treatment in older patients with advanced breast cancer: A multicenter phase II trial [SAKK 25/14]. *J Geriatr Oncol*. 2023;14:101372. PMID [36127284](#)
324. Hassan M, **Juanola O**, **Huber S**, Kellmann P, Zimmermann J, **Lazzarini E**, Ganai-Vonarburg SC, Gomez de Agüero M, **Moghadamrad S**. Absence of gut microbiota impairs depletion of Paneth cells but not goblet cells in germ-free Atoh1(lox/lox) ViiCreER(T2) mice. *Am J Physiol Gastrointest Liver Physiol*. 2023;324:G426-g37. PMID [36942864](#)
325. Hench J, Mihic-Probst D, Agaimy A, Frank S, Meyer P, Hultschig C, Simi S, Alos L, Balamurugan T, Blox W, Bosisio F, Cappellesso R, Griewank K, Hadaschik E, van Kempen LC, Kempf W, Lentini M, **Mazzucchelli L**, Rinaldi G, Rutkowski P,

- Schadendorf D, Schilling B, Szumera-Cieckiewicz A, van den Oord J, Mandalà M, Massi D. Clinical, histopathological and molecular features of dedifferentiated melanomas: An EORTC Melanoma Group Retrospective Analysis. *Eur J Cancer*. 2023;187:7-14. PMID [37098294](#)
326. Hennings E, Blum S, Aeschbacher S, Coslovsky M, Knecht S, Eken C, Lischer M, Paladini RE, Krisai P, Reichlin T, Rodondi N, Beer JH, Ammann P, **Conte G, De Perna ML**, Kobza R, Blum MR, Bossard M, Kastner P, Ziegler A, Müller C, Bonati LH, Pfister O, Zuern CS, Conen D, Kühne M, Osswald S. Bone Morphogenetic Protein 10-A Novel Biomarker to Predict Adverse Outcomes in Patients With Atrial Fibrillation. *J Am Heart Assoc*. 2023;12:e028255. PMID [36926939](#)
327. Herber E, Aeschbacher S, Coslovsky M, Schwendinger F, Hennings E, Gasser A, **Di Valentino M, Rigamonti E**, Reichlin T, Rodondi N, Netzer S, Beer JH, Stauber A, Müller A, Ammann P, Sinnecker T, Duering M, Wuerfel J, Conen D, Kühne M, Osswald S, Bonati LH. Physical activity and brain health in patients with atrial fibrillation. *Eur J Neurol*. 2023;30:567-77. PMID [36478335](#)
328. Hilberink JR, van Zeventer IA, Chitu DA, Pabst T, Klein SK, **Stussi G**, Griskevicius L, Valk PJM, Cloos J, van de Loosdrecht AA, Breems D, van Lammeren-Venema D, Boersma R, Jongen-Lavrencic M, Fehr M, Hoogendoorn M, Manz MG, Söhne M, van Marwijk Kooy R, Deeren D, van der Poel MWM, Legdeur MC, Tick L, Chalandon Y, Ammatuna E, Blum S, Löwenberg B, Ossenkoppele GJ, Huls G. Age and sex associate with outcome in older AML and high risk MDS patients treated with 10-day decitabine. *Blood Cancer J*. 2023;13:93. PMID [37336890](#)
329. Hitz F, Lang N, Mey U, Mingrone W, **Moccia A**, Taverna C, Novak U, Stenner F, Schmidt A, Mamot C, Fischer N, Putora PM. Decision-Making among Experts in Advanced Hodgkin Lymphoma. *Oncology*. 2023;101:159-65. PMID [36103806](#)
330. Hitz P, **Pagnamenta A, Pertusini L, Terrot T, Franzosi Y**, Bassi J, Silacci-Fregni C, **Gaia V, Martinetti G, Keller F, Berwert L, Ognà VF, Lavorato-Hadjeres S, Giunzioni D, D'Ermo A, Valnegri A, Ferrari P**, Corti D, **Ceschi A, Cippà P**, Piccoli L, **Giannini O**. Prevalence of SARS-CoV-2 infection and impact of vaccination in dialysis patients over two years of the pandemic. *J Nephrol*. 2023;36:2665-7. PMID [37702913](#)
331. Hodak E, Geskin L, Guenova E, Ortiz-Romero PL, Willemze R, Zheng J, Cowan R, Foss F, **Mangas C**, Querfeld C. Real-Life Barriers to Diagnosis of Early Mycosis Fungoides: An International Expert Panel Discussion. *Am J Clin Dermatol*. 2023;24:5-14. PMID [36399227](#)
332. Hofer D, **Regoli F**, Saguner AM, **Conte G**, Jelisejevas J, **Luce Caputo M**, Graup V, **Grazioli Gauthier L**, Gasperetti A, Steffel J, **Auricchio A**, Breitenstein A. Efficacy and Safety of Leadless Pacemaker Implantation in Octogenarians. *Cardiology*. 2023;148:441-7. PMID [37487479](#)
333. Hofmann E, Surial B, Boillat-Blanco N, Günthard HF, Stöckle M, **Bernasconi E**, Schmid P, Calmy A, Suter-Riniker F, Rauch A, Wandeler G, Béguelin C. Hepatitis B Virus (HBV) Replication During Tenofovir Therapy Is Frequent in Human Immunodeficiency Virus/HBV Coinfection. *Clin Infect Dis*. 2023;76:730-3. PMID [36242550](#)
334. Honegger T, Schweizer J, Bivic A, Westphal LP, Schütz V, Inauen C, Pokorny T, Bracher K, Arnold M, Fischer U, Bonati LH, De Marchis GM, Nedeltchev K, Kahles T, **Cereda C**, Kägi G, Montaner J, Bustamante A, Palà E, Ntaios G, Foerch C, Luft A, Spanaus K, Saleh L, von Eckardstein A, Arnold M, Katan M. Serum S-100B adds incremental value for the prediction of symptomatic intracranial hemorrhage and brain edema after acute ischemic stroke. *Eur Stroke J*. 2023;8:309-19. PMID [37021149](#)
335. Iliodromitis K, Lenarczyk R, Scherr D, **Conte G**, Farkowski MM, Marin F, Garcia-Seara J, Simovic S, Potpara T. Patient selection, peri-procedural management, and ablation techniques for catheter ablation of atrial fibrillation: an EHRA survey. *Europace*. 2023;25:667-75. PMID [36512365](#)
336. Imperiale A, Bani J, Bottoni G, Latgé A, Heimbürger C, Catrambone U, Vix M, **Treglia G**, Piccardo A. Does (18)F-Fluorocholine PET/CT add value to positive parathyroid scintigraphy in the presurgical assessment of primary hyperparathyroidism? *Front Med (Lausanne)*. 2023;10:1148287. PMID [37181366](#)
337. **Jacober SLS, Disanto G, Sacco R, Meng D, Mallucci G, Candrian U, Semini S, Tiberti M, Gobbi C, Zecca C**. Interplay between age and disease-modifying treatments in influencing infection risk in multiple sclerosis. *Mult Scler*. 2023;29:1765-75. PMID [37786964](#)
338. **Jannelli G**, Calvanese F, Jouanneau E, Jacquesson T. Frontal trans-sinusal approach: how I do it. *Acta Neurochir (Wien)*. 2023;165:2963-8. PMID [37672096](#)
339. Januel JM, Lotfinejad N, Grant R, Tschudin-Sutter S, Schreiber PW, Grandbastien B, Jent P, **Lo Priore E**, Scherrer A, Harbarth S, Catho G, Buetti N. Predictive performance of automated surveillance algorithms for intravascular catheter bloodstream infections: a systematic review and meta-analysis. *Antimicrob Resist Infect Control*. 2023;12:87. PMID [37653559](#)
340. Januszkiewicz Ł, Barra S, Marijon E, Providencia R, de Asmundis C, Chun JKR, Farkowski MM, **Conte G**, Boveda S. Major gaps in the information provided to patients before implantation of cardioverter defibrillators: a prospective patient European evaluation. *Europace*. 2023;25:1144-51. PMID [36691111](#)
341. Januszkiewicz Ł, Barra S, Providencia R, Chun JKR, **Conte G**, Farkowski MM, Guerra JM, Marijon E, de Asmundis C, Boveda S. Regional disparity on patient characteristics and perceptions after implantable cardioverter-defibrillator implantation: results from an EHRA patient survey. *Europace*. 2023;25:eua110. PMID [37140046](#)
342. Januszkiewicz Ł, Grabowski M, Farkowski MM, Życiński P, Jędrychowski T, Pytkowski M, Chun JKR, Guerra JM, **Conte G**, Barra S, Boveda S, Kempa M. Implantable Cardioverter-Defibrillators in Poland Compared with other European Countries from the Patient's Perspective: Insights from the EHRA Patient Survey. *Int J Environ Res Public Health*. 2023;20:5045. PMID [36981953](#)
343. Jarman RD, Colclough A, McDermott C, Bøtker M, Knudsen L, Harris T, Albaroudi B, Albaroudi O,

- Haddad M, Darke R, Berry E, Breslin T, Fitzpatrick G, Flanagan L, Olusanya O, Craver D, Omar A, Simpson T, Cherian N, Dore M, Prosen G, Kay S, Villén-Villegas T, Gargani L, Carley S, Woo M, Dupriez F, Hussain A, **Via G**, Connolly JA, Peck M, Melniker L, Walden A, Attard Biancardi MA, Żmijewska-Kaczor O, Lalande E, Geukens P, McLaughlin R, Olszynski P, Hoffmann B, Chin E, Muhr C, Kim DJ, Mercieca A, Shukla D, Hayward S, Smith M, Gaspari R, Smallwood N, Pes P, Tavazzi G, Corradi F, Lambert M, Morris C, Trauer M, Baker K, Bystrzycki A, Goudie A, Liu R, Rudd L, Dietrich CF, Jenssen C, Sidhu PS. EFSUMB Clinical Practice Guidelines for Point-of-Care Ultrasound: Part One (Common Heart and Pulmonary Applications) SHORT VERSION. *Ultraschall Med.* 2023;44:36-49. PMID [36228630](#)
344. Jarman RD, McDermott C, Colclough A, Bøtker M, Knudsen L, Harris T, Albaroudi B, Albaroudi O, Haddad M, Darke R, Berry E, Breslin T, Fitzpatrick G, Flanagan L, Olusanya O, Craver D, Omar A, Simpson T, Cherian N, Dore M, Prosen G, Kay S, Villén-Villegas T, Gargani L, Carley S, Woo M, Dupriez F, Hussain A, **Via G**, Connolly JA, Peck M, Melniker L, Walden A, Attard Biancardi MA, Żmijewska-Kaczor O, Lalande E, Geukens P, McLaughlin R, Olszynski P, Hoffmann B, Chin E, Muhr C, Kim DJ, Mercieca A, Shukla D, Hayward S, Smith M, Gaspari R, Smallwood N, Pes P, Tavazzi G, Corradi F, Lambert M, Morris C, Trauer M, Baker K, Bystrzycki A, Goudie A, Liu R, Rudd L, Dietrich CF, Jenssen C, Sidhu PS. EFSUMB Clinical Practice Guidelines for Point-of-Care Ultrasound: Part One (Common Heart and Pulmonary Applications) LONG VERSION. *Ultraschall Med.* 2023;44:e1-e24. PMID [36228631](#)
345. Jaun F, Tröster LM, Giezendanne S, Bridevaux PO, Charbonnier F, Clarenbach C, **Gianella P**, Jochmann A, Kern L, Miedinger D, Pavlov N, Rothe T, Steurer-Stey C, von Garnier C, Leuppi JD. Characteristics of Severe Asthma Patients and Predictors of Asthma Control in the Swiss Severe Asthma Registry. *Respiration.* 2023;102:863-78. PMID [37769646](#)
346. **Jermine-Gianinazzi I**, Blum M, Trachsel M, Trippolini MA, Tochtermann N, Rimensberger C, Liechti FD, Wertli MM. Management of acute non-specific low back pain in the emergency department: do emergency physicians follow the guidelines? Results of a cross-sectional survey. *BMJ Open.* 2023;13:e071893. PMID [37541755](#)
347. Jiritano F, Serraino GF, Di Mauro M, Borelli M, Scrofani R, Patanè L, **Caporali E**, Matteucci M, Fina D, Kowalewski M, Pollari F, Fischlein T, Visicchio G, Paparella D, Falcetta G, Colli A, Mastroberto P, Cappabianca G, Lorusso R. Platelet Reduction after Aortic Bioprosthesis Implantation: Results from the PORTRAIT Study. *J Clin Med.* 2023;12:7414. PMID [38068466](#)
348. Joerger M, Hundsberger T, Haeffliger S, von Moos R, Hottinger AF, Kaindl T, Engelhardt M, Marszewska M, Lane H, Roth P, **Stathis A**. Safety and anti-tumor activity of lisavanbulin administered as 48-hour infusion in patients with ovarian cancer or recurrent glioblastoma: a phase 2a study. *Invest New Drugs.* 2023;41:267-75. PMID [36792805](#)
349. Johnson Z, Tarantelli C, Civanelli E, Cascione L, Spriano F, Fraser A, Shah P, Nomanbhoy T, Napoli S, Rinaldi A, Niewola-Staszewska K, Lahn M, Perrin D, Wenes M, Migliorini D, **Bertoni F**, van der Veen L, Di Conza G. IOA-244 is a Non-ATP-competitive, Highly Selective, Tolerable PI3K Delta Inhibitor That Targets Solid Tumors and Breaks Immune Tolerance. *Cancer Res Commun.* 2023;3:576-91. PMID [37066023](#)
350. Jonsson M, Berglund E, Baldi E, **Caputo ML**, **Auricchio A**, Blom MT, Tan HL, Stieglis R, Andelius L, Folke F, Hollenber J, Svensson L, Ringh M. Dispatch of Volunteer Responders to Out-of-Hospital Cardiac Arrests. *J Am Coll Cardiol.* 2023;82:200-10. PMID [37438006](#)
351. Jreige M, Kurian GK, Perriraz J, Potheegadoo J, Bernasconi F, Stampacchia S, Blanke O, Alessandra G, Lejay N, Chiabotti PS, Rouaud O, Nicod Lalonde M, Schaefer N, **Treglia G**, Allali G, Prior JO. The diagnostic performance of functional dopaminergic scintigraphic imaging in the diagnosis of dementia with Lewy bodies: an updated systematic review. *Eur J Nucl Med Mol Imaging.* 2023;50:1988-2035. PMID [36920494](#)
352. Jungblut L, Etienne H, Zellweger C, Matter A, **Patella M**, Frauenfelder T, Opitz I. Swiss Pilot Low-Dose CT Lung Cancer Screening Study: First Baseline Screening Results. *J Clin Med.* 2023;12:5771. PMID [37762713](#)
353. Khameneh HJ, Fonta N, Zenobi A, Niogret C, Ventura P, Guerra C, Kwee I, Rinaldi A, Pecoraro M, Geiger R, Cavalli A, **Bertoni F**, Vivier E, Trumpp A, Guarda G. Myc controls NK cell development, IL-15-driven expansion, and translational machinery. *Life Sci Alliance.* 2023;6:e202302069. PMID [37105715](#)
354. Kircanski B, Boveda S, Prinzen F, Sorgente A, Anic A, **Conte G**, Burri H. Conduction system pacing in everyday clinical practice: EHRA physician survey. *Europace.* 2023;25:682-7. PMID [36413604](#)
355. Kirschenbaum D, Dadgar-Kiani E, Catto F, Voigt FF, Trevisan C, Bichsel O, Shirani H, Nilsson KPR, Frontzek KJ, **Paganetti P**, Helmchen F, Lee JH, Aguzzi A. Whole-brain microscopy reveals distinct temporal and spatial efficacy of anti-A β therapies. *EMBO Mol Med.* 2023;15:e16789. PMID [36382364](#)
356. Kirundi J, **Moghadamrad S**, Urbaniak C. Microbiome-liver crosstalk: A multihit therapeutic target for liver disease. *World J Gastroenterol.* 2023;29:1651-68. PMID [37077519](#)
357. Knappe LM, Verburg FA, **Giovanella L**, Luster M, Librizzi D. Diagnostic value of FDG-PET/CT in the diagnostic work-up of inflammation of unknown origin. *Nuklearmedizin.* 2023;62:27-33. Wertigkeit der PET/CT im Rahmen der Entzündungsherddiagnostik mit F-18-FDG. PMID [36623829](#)
358. **Koetsier E**, **Vacchi E**, **Maino P**, **Dukanac J**, **Melli G**, **van Kuijk SMJ**. Dorsal Root Ganglion Stimulation in Chronic Painful Polyneuropathy: A Potential Modulator for Small Nerve Fiber Regeneration. *Neuromodulation.* 2023;26:1772-80. PMID [36192280](#)
359. Kohler L, Cazzaniga S, **Beltraminelli H**. Histopathological characteristics of nevi of the legs. *Int J Dermatol.* 2023;62:e37-e9. PMID [36073791](#)

360. Koller S, **Beltraminelli T**, Maggi J, Wlodarczyk A, Feil S, Baehr L, Gerth-Kahlert C, **Menghini M**, Berger W. Functional Analysis of a Novel, Non-Canonical RPGR Splice Variant Causing X-Linked Retinitis Pigmentosa. *Genes (Basel)*. 2023;14:934. PMID [37107692](#)
361. Korpershoek JV, Vonk LA, **Filardo G**, Kester EC, van Egmond N, Saris DBF, Custers RJH. Effect of Autologous Conditioned Plasma Injections in Patients With Knee Osteoarthritis. *Orthop J Sports Med*. 2023;11:23259671231184848. PMID [37529531](#)
362. Kortleve JP, Kisch AM, Piepenbroek B, Mooyaart JE, Kozijn AE, Sohne M, **Liptrott SJ**. Variation in hydration use after reinfusion of autologous stem cells in dimethyl sulfoxide (DMSO): a survey of EBMTcenters on behalf of the EBMT Nurses Group. *Bone Marrow Transplant*. 2023;58:1062-4. PMID [37391653](#)
363. Kraler S, **Balbi C**, Vdovenko D, Lapikova-Bryhinska T, Camici GG, Liberale L, Bonetti N, Canestro CD, Burger F, Roth A, Carbone F, **Vassalli G**, Mach F, Bhasin S, Wenzl FA, Muller O, Räber L, Matter CM, Montecucco F, Lüscher TF, Akhmedov A. Circulating GDF11 exacerbates myocardial injury in mice and associates with increased infarct size in humans. *Cardiovasc Res*. 2023;119:2729-42. PMID [37742057](#)
364. Kroeze SGC, Pavic M, Stellamans K, Lievens Y, Becherini C, Scorsetti M, Alongi F, Ricardi U, Jereczek-Fossa BA, Westhoff P, But-Hadzic J, Widder J, Geets X, Bral S, Lambrecht M, Billiet C, Sirak I, Ramella S, Giovanni Battista I, Benavente S, Zapatero A, Romero F, **Zilli T**, Khanfir K, Hemmatazad H, de Bari B, Klass DN, Adnan S, Peulen H, Salinas Ramos J, Strijbos M, Popat S, Ost P, Guckenberger M. Metastases-directed stereotactic body radiotherapy in combination with targeted therapy or immunotherapy: systematic review and consensus recommendations by the EORTC-ESTRO OligoCare consortium. *Lancet Oncol*. 2023;24:e121-e32. PMID [36858728](#)
365. **Künzle A**, van Kuijk SMJ, **Koetsier E**. Efficacy of Cervical Facet Joint Radiofrequency Ablation Using a Multitined Cannula, a Technical Note, and Observational Study. *Pain Physician*. 2023;26:E353-e61. PMID [37535782](#)
366. **La Regina D**, **Popeskou SG**, **Saporito A**, **Gaffuri P**, **Tasciotti E**, **Dossi R**, **Christoforidis D**, **Mongelli F**. Laparoscopic versus ultrasound-guided transversus abdominis plane block in colorectal surgery: a non-inferiority, multicentric randomized double-blinded clinical trial. *Colorectal Dis*. 2023;25:1921-8. PMID [37525414](#)
367. Labarile M, Loosli T, Zeeb M, Kusejko K, Huber M, Hirsch HH, Perreau M, Ramette A, Yerly S, Cavassini M, Battgay M, Rauch A, Calmy A, Notter J, **Bernasconi E**, Fux C, Günthard HF, Pasin C, Kouyos RD. Quantifying and Predicting Ongoing Human Immunodeficiency Virus Type 1 Transmission Dynamics in Switzerland Using a Distance-Based Clustering Approach. *J Infect Dis*. 2023;227:554-64. PMID [36433831](#)
368. Lakshmi Narasimhan P, Tokoutsis Z, **Baroli D**, Baragona M, Veroy K, Maessen R, Ritter A. Global sensitivity study for irreversible electroporation: Towards treatment planning under uncertainty. *Med Phys*. 2023;50:1290-304. PMID [36635955](#)
369. **Lamouline A**, **Bersini S**, **Moretti M**. In vitro models of breast cancer bone metastasis: analyzing drug resistance through the lens of the microenvironment. *Front Oncol*. 2023;13:1135401. PMID [37182144](#)
370. **Landi A**, Branca M, Leonardi S, **Frigoli E**, Vranckx P, Tebaldi M, Varbella F, Calabrò P, Esposito G, Sardella G, Garducci S, Andò G, Limbruno U, Sganzerla P, Santarelli A, Briguori C, Colangelo S, Brugaletta S, Adamo M, Omerovic E, Heg D, Windecker S, **Valgimigli M**. Transient vs In-Hospital Persistent Acute Kidney Injury in Patients With Acute Coronary Syndrome. *JACC Cardiovasc Interv*. 2023;16:193-205. PMID [36697156](#)
371. **Landi A**, **Caglioni S**, **Valgimigli M**. De-escalation in intensity or duration of dual antiplatelet therapy in patients with coronary artery disease: More than alternative treatment options. *Eur J Intern Med*. 2023;110:16-8. PMID [36804412](#)
372. **Landi A**, Chiarito M, Branca M, **Frigoli E**, Gagnor A, Calabrò P, Briguori C, Andò G, Repetto A, Limbruno U, Sganzerla P, Lupi A, Cortese B, Ausiello A, Ierna S, Esposito G, Ferrante G, Santarelli A, Sardella G, Varbella F, Heg D, Mehran R, **Valgimigli M**. Validation of a Contemporary Acute Kidney Injury Risk Score in Patients With Acute Coronary Syndrome. *JACC Cardiovasc Interv*. 2023;16:1873-86. PMID [37587595](#)
373. **Landi A**, Heg D, **Frigoli E**, Vranckx P, Windecker S, Siegrist P, Cayla G, Włodarczak A, Cook S, Gómez-Blázquez I, Feld Y, Seung-Jung P, Mates M, Lotan C, Gunasekaran S, Nanasato M, Das R, Kelbæk H, Teiger E, Escaned J, Ishibashi Y, Montalescot G, Matsuo H, Debeljacki D, Smits PC, **Valgimigli M**. Abbreviated or Standard Antiplatelet Therapy in HBR Patients: Final 15-Month Results of the MASTER-DAPT Trial. *JACC Cardiovasc Interv*. 2023;16:798-812. PMID [37045500](#)
374. **Landi A**, Morici N, Vranckx P, **Frigoli E**, Bonacchini L, Omazzi B, Tresoldi M, Camponovo C, Moccetti T, **Valgimigli M**. Edoxaban and/or colchicine in outpatients with COVID-19: rationale and design of the CONVINCe trial. *J Cardiovasc Med (Hagerstown)*. 2023;24:920-30. PMID [37942793](#)
375. **Landi A**, **Pavon AG**, **Valgimigli M**. Sailing in the complexity of the 'shark-fin' sign. *Heart*. 2023;109:25-78. PMID [36598074](#)
376. **Landi A**, **Valgimigli M**. Antithrombotic therapy in patients with established atherosclerotic coronary disease. *Heart*. 2023;109:1034-43. PMID [37142399](#)
377. **Landi A**, Włodarczak A, Tölg R, Kelbæk H, Legutko J, Galli S, Godin M, Toth GG, Lhermusier T, Honton B, Dietrich PL, Stammen F, Ferdinand B, Silvain J, Capodanno D, Cayla G, **Valgimigli M**. Design and Rationale of the BIOFLOW-DAPT Trial: a Prospective, Randomized, Multicenter Study to Assess the Safety of the Orsiro Mission Stent Compared to the Resolute Onyx Stent in Subjects at High Risk for Bleeding in Combination with 1-Month Dual Antiplatelet Therapy. *J Cardiovasc Transl Res*. 2023;16:1135-43. PMID [37264295](#)
378. **Landi A**. Duration more than type of dual antiplatelet therapy matters in ACS patients with high bleeding risk. *Int J Cardiol*. 2023;378:10. PMID [36812988](#)

379. Lanzone AM, Albiero R, Boldi E, Safari D, Serafin P, Lussardi G, **Rigamonti ER**, Anselmi A. Clinical and echocardiographic outcomes after percutaneous closure of patent foramen ovale: a single center experience. *Minerva Cardiol Angiol.* 2023;71:157-64. PMID [33703865](#)
380. Lasica A, **Cortesi C**, Milani GP, Bianchetti MG, Schera FM, Camozzi P, Lava SAG. Propofol-Associated Urine Discoloration: Systematic Literature Review. *Pharmacology.* 2023;108:415-22. PMID [37634493](#)
381. Lattanzi G, Strati F, Díaz-Basabe A, Perillo F, Amoroso C, Protti G, Rita Giuffrè M, Iachini L, Baeri A, Baldari L, Cassinotti E, Ghidini M, Galassi B, Lopez G, Noviello D, Porretti L, Trombetta E, Messuti E, Mazzarella L, **Iezzi G**, Nicassio F, Granucci F, Vecchi M, Caprioli F, Facciotti F. iNKT cell-neutrophil crosstalk promotes colorectal cancer pathogenesis. *Mucosal Immunol.* 2023;16:326-40. PMID [37004750](#)
382. Laudicella R, Bauckneht M, Maurer A, Heimer J, Gennari AG, Di Raimondo T, **Paone G, Cuzzocrea M**, Messerli M, Eberli D, Burger IA. Can We Predict Skeletal Lesion on Bone Scan Based on Quantitative PSMA PET/CT Features? *Cancers (Basel).* 2023;15:5471. PMID [38001731](#)
383. Lauritsen J, Sauvé N, Tryakin A, Jiang DM, Huddart R, Heng DYC, Terbuch A, Winquist E, Chovanec M, Hentrich M, Fankhauser CD, Shamash J, Del Muro XG, Vaughn D, Heidenreich A, Sternberg CN, Sweeney C, Necchi A, Bokemeyer C, Bandak M, Jandari A, Collette L, **Gillessen S**, Beyer J, Daugaard G. Outcomes of relapsed clinical stage I versus de novo metastatic testicular cancer patients: an analysis of the IGCCCG Update database. *Br J Cancer.* 2023;129:1759-65. PMID [37777577](#)
384. **Lava SAG**, Zollinger C, Chehade H, Schaffner D, Sekarski N, Di Bernardo S. Diuretics in pediatrics. *Eur J Pediatr.* 2023;182:2077-88. PMID [36595088](#)
385. **Lava SAG**. Cardiovascular Disease in Children: The Future Is Now. *Children (Basel).* 2023;10:886. PMID [37238434](#)
386. **Lava SAG**. Some like it hot. *Acta Paediatr.* 2023;112:1840-1. PMID [37326022](#)
387. Lavallo C, Di Lullo L, Jabbour JP, Palombi M, Trivigno S, Mariani MV, Summaria F, Severino P, Badagliacca R, Miraldi F, **Bellasi A**, Vizza CD. New Challenges in Heart Failure with Reduced Ejection Fraction: Managing Worsening Events. *J Clin Med.* 2023;12:6956. PMID [38002571](#)
388. Le Guevelou J, **Bosetti DG, Castronovo F, Angrisani A**, de Crevoisier R, **Zilli T**. State of the art and future challenges of urethra-sparing stereotactic body radiotherapy for prostate cancer: a systematic review of literature. *World J Urol.* 2023;41:3287-99. PMID [37668718](#)
389. Le Guevelou J, Sargos P, Siva S, Ploussard G, Ost P, **Gillessen S, Zilli T**. The Emerging Role of Extracranial Stereotactic Ablative Radiotherapy for Metastatic Renal Cell Carcinoma: A Systematic Review. *Eur Urol Focus.* 2023;9:114-24. PMID [36151031](#)
390. Le Guevelou J, **Zilli T**. Prostate cancer radiotherapy and incidental testicular irradiation: Impact on gonadal function. *Clin Transl Radiat Oncol.* 2023;40:100611. PMID [36942089](#)
391. Lechner K, Heel S, Uhr M, Dose T, Holsboer F, Lucae S, Schaaf L, **Fulda S**, Kloiber S, Hennings JM. Weight-gain independent effect of mirtazapine on fasting plasma lipids in healthy men. *Naunyn Schmiedebergs Arch Pharmacol.* 2023;396:1999-2008. PMID [36890393](#)
392. **Leoncini A**, Deandrea M, Retta F, **Trimboli P**. Treating intra-thyroid parathyroid adenoma by radiofrequency is a valuable alternative to hemithyroidectomy. *Int J Hyperthermia.* 2023;40:2282935. PMID [38151705](#)
393. Leone MA, Gelati M, Profico DC, **Gobbi C, Pravata E**, Copetti M, Conti C, Abate L, Amoroso L, Apollo F, **Balzano RF**, Bicchi I, Carella M, Ciampini A, Colosimo C, Crociani P, D'Aloisio G, Di Viesti P, Ferrari D, Fogli D, Fontana A, Frondizi D, Grespi V, Kuhle J, Laborante A, Lombardi I, Muzi G, Paci F, Placentino G, Popolizio T, Ricciolini C, Sabatini S, Silveri G, Spera C, Stephenson D, Stipa G, Tinella E, Zarrelli M, **Zecca C**, Ventura Y, D'Alessandro A, Peruzzotti-Jametti L, Pluchino S, Vescovi AL. Phase I clinical trial of intracerebroventricular transplantation of allogeneic neural stem cells in people with progressive multiple sclerosis. *Cell Stem Cell.* 2023;30:1597-609.e8. PMID [38016468](#)
394. Leuppi JD, Bridevaux PO, Charbonnier F, Clarenbach CF, Duchna HW, Fellrath JM, **Gianella P**, Jochmann A, Kern L, Pavlov N, Rothe T, Steurer-Stey C, von Garnier C. COPD - An Underestimated Disease. *Praxis (Bern 1994).* 2023;112:403-12. COPD - eine unterschätzte Erkrankung. PMID [37282526](#)
395. Leuppi JD, Bridevaux PO, Charbonnier F, Clarenbach CF, Duchna HW, Fellrath JM, **Gianella P**, Jochmann A, Kern L, Pavlov N, Rothe T, Steurer-Stey C, Von Garnier C. [COPD : a still neglected condition]. *Rev Med Suisse.* 2023;19:1627-33. BPCO : une maladie encore négligée. PMID [37671764](#)
396. Levi S, Bronstein Y, Goldschmidt N, Morabito F, Ziv-Baran T, Del Poeta G, Bairey O, Del Principe MI, Fineman R, Mauro FR, Gutwein O, Reda G, Ruchlemer R, Sportoletti P, Laurenti L, Shvidel L, Coscia M, Tadmor T, Varettoni M, Aviv A, Murru R, Braester A, Chiarenza A, Visentin A, Pietrasanta D, Loseto G, Zucchetto A, Bomben R, Olivieri J, Neri A, **Rossi D**, Gaidano G, Trentin L, Foà R, Cuneo A, Perry C, Gattei V, Gentile M, Herishanu Y. Efficacy of front-line ibrutinib versus fludarabine, cyclophosphamide, and rituximab in patients with chronic lymphocytic leukemia: A retrospective multicenter "Real-World" study. *Am J Hematol.* 2023;98:E24-e7. PMID [36349541](#)
397. Liberale L, Puspitasari YM, Ministrini S, Akhmedov A, Kraler S, Bonetti NR, Beer G, Vukolic A, **Bongiovanni D**, Han J, Kirmes K, Bernlochner I, Pelisek J, Beer JH, Jin ZG, Pedicino D, Liuzzo G, Stellos K, Montecucco F, Crea F, Lüscher TF, Camici GG. JCAD promotes arterial thrombosis through PI3K/Akt modulation: a translational study. *Eur Heart J.* 2023;44:1818-33. PMID [36469488](#)
398. Licenziato L, Minoli L, Ala U, Marconato L, Fanelli A, Giannuzzi D, De Maria R, Iussich S, Orlando G, **Bertoni F**, Aresu L. Predicting outcome in dogs with diffuse large B-cell lymphoma with a novel immune landscape signature. *Vet Pathol.* 2023;60:308-15. PMID [36951124](#)

399. Lilja G, Ullén S, Dankiewicz J, Friberg H, Levin H, Nordström EB, Heimburg K, Jakobsen JC, Ahlqvist M, Bass F, Belohlavek J, Olsen RB, Cariou A, Eastwood G, Fanebust HR, Grejs AM, Grimmer L, Hammond NE, Hovdenes J, Hrecko J, Iten M, Johansen H, Keeble TR, Kirkegaard H, Lascarrou JB, Leithner C, Lesona ME, Levis A, Mion M, Moseby-Knappe M, Navarra L, Nordberg P, Pelosi P, Quayle R, Rylander C, Sandberg H, Saxena M, Schrag C, Siranec M, **Cassina T**, Vignon P, Wendel-Garcia PD, Wise MP, Wright K, Nielsen N, Cronberg T. Effects of Hypothermia vs Normothermia on Societal Participation and Cognitive Function at 6 Months in Survivors After Out-of-Hospital Cardiac Arrest: A Predefined Analysis of the TTM2 Randomized Clinical Trial. *JAMA Neurol.* 2023;80:1070-9. PMID [37548968](#)
400. Limido E, Weinzierl A, **Harder Y**, Menger MD, Laschke MW. Fatter Is Better: Boosting the Vascularization of Adipose Tissue Grafts. *Tissue Eng Part B Rev.* 2023;29:605-22. PMID [37166386](#)
401. Linardou H, Adjei AA, Bajpai J, Banerjee S, Berghoff AS, Mathias CC, Choo SP, Dent R, Filip E, Furness AJS, Garassino MC, Garralda E, Konsoulova-Kirova A, Letsch A, Menzies AM, Mukherji D, Peters S, **Sessa C**, Tsang J, Yang JC, Garrido P. Challenges in oncology career: are we closing the gender gap? Results of the new ESMO Women for Oncology Committee survey. *ESMO Open.* 2023;8:100781. PMID [36842299](#)
402. Linz D, Chun J, Guerra F, **Conte G**, Garcia R, Kommata V, Malaczynska-Rajpold K, Nesti M, Duncker D. Electrophysiology fellowship experience and requirements: an EHRA survey. *Europace.* 2023;25:euad249. PMID [37682245](#)
403. **Liptrott S**, NiChonghaile M, O'Connell L, Aerts E. The Evolving Role of Haematology Nursing Practice: A Cross-Sectional Survey. *Mediterr J Hematol Infect Dis.* 2023;15:e2023033. PMID [37180205](#)
404. Lisi V, **Senesi G**, **Balbi C**. Converging protective pathways: Exploring the linkage between physical exercise, extracellular vesicles and oxidative stress. *Free Radic Biol Med.* 2023;208:718-27. PMID [37739138](#)
405. Lisi V, **Senesi G**, Bertola N, Pecoraro M, **Bolis S**, Gualerzi A, Picciolini S, Raimondi A, Fantini C, Moretti E, Parisi A, Sgrò P, Di Luigi L, Geiger R, Ravera S, **Vassalli G**, Caporossi D, **Balbi C**. Plasma-derived extracellular vesicles released after endurance exercise exert cardioprotective activity through the activation of antioxidant pathways. *Redox Biol.* 2023;63:102737. PMID [37236143](#)
406. **Loizzi F**, Burattini O, Cafaro A, Spione F, Salemme L, Cioppa A, Fimiani L, Rimmaudo F, Pignatelli A, Palmitessa C, Mancini G, Pucciarelli A, Bortone AS, Contegiacomo G, Tesorio T, Iacovelli F. Early acute kidney injury after transcatheter aortic valve implantation: predictive value of currently available risk scores. *Hellenic J Cardiol.* 2023;70:19-27. PMID [36581137](#)
407. Longo UG, Silva S, Perdisa F, Salvatore G, **Filardo G**, Berton A, Piergentili I, Denaro V. Gender related results in total knee arthroplasty: a 15-year evaluation of the Italian population. *Arch Orthop Trauma Surg.* 2023;143:1185-92. PMID [34665302](#)
408. Lorton O, Achard V, Koutsouvelis N, Jaccard M, Vanhoutte F, Dipasquale G, Ost P, **Zilli T**. Elective Nodal Irradiation for Oligorecurrent Nodal Prostate Cancer: Interobserver Variability in the PEACE V-STORM Randomized Phase 2 Trial. *Adv Radiat Oncol.* 2023;8:101290. PMID [38047214](#)
409. Loucas R, Loucas M, Leitsch S, Mayer JM, **Alberti A**, Haroon O, Petrus M, Koban KC, Holzbach T. How Useful Is the SSN-Nipple Distance? An Analytical Questionnaire Survey on Anthropometric Measurements for the Aesthetically Ideal Positioning of the Nipple-Areolar Complex. *J Clin Med.* 2023;12:2494. PMID [37048578](#)
410. **Luca CE**, **Aramini M**, **Puliatti A**, **Ferrari A**, **Cheda E**, **Bonetti L**, Gradellini C, Prandi C, Bianchi M. Esplorazione delle Fundamental of Care in diversi contesti di cura: uno studio qualitativo. *Prof Inferm.* 2023;76:3-13. PMID [1112](#)
411. Luciani M, Müller D, Vanetta C, Diteepong T, von Eckardstein A, Aeschbacher S, Rodondi N, **Moschovitis G**, Reichlin T, Sinnecker T, Wuerfel J, Bonati LH, Saeedi Saravi SS, Chocano-Bedoya P, Coslovsky M, Camici GG, Lüscher TF, Kuehne M, Osswald S, Conen D, Beer JH. Trimethylamine-N-oxide is associated with cardiovascular mortality and vascular brain lesions in patients with atrial fibrillation. *Heart.* 2023;109:396-404. PMID [36593094](#)
412. Ludz C, Stirnimann G, Semela D, Mertens J, Kremer AE, Filipowicz Sinnreich M, Sokollik C, Bernsmeier C, Bresson-Hadni S, McLin V, Rock N, Braegger C, Posovszky C, Müller P, Cremer M, **De Gottardi A**, **Galante A**, Furlano R, Righini-Grunder F, Becker B, Böhm S, Heyland K, Nydegger A, Limoni C, Vergani D, Mieli-Vergani G, Di Bartolomeo C, Cerny A, Terziroli Beretta-Piccoli B. Epidemiology, clinical features and management of autoimmune hepatitis in Switzerland: a retrospective and prospective cohort study. *Swiss Med Wkly.* 2023;153:40102. PMID [37769636](#)
413. Lurbe E, Mancia G, Calpe J, Drożdż D, Erdine S, Fernandez-Aranda F, Hadjipanayis A, Hoyer PF, Jankauskiene A, Jiménez-Murcia S, Litwin M, Mazur A, Pall D, Seeman T, Sinha MD, **Simonetti G**, Stabouli S, Wühl E. Joint statement for assessing and managing high blood pressure in children and adolescents: Chapter 1. How to correctly measure blood pressure in children and adolescents. *Front Pediatr.* 2023;11:1140357. PMID [37138561](#)
414. Lurbe E, Mancia G, Drożdż D, Erdine S, Fernandez-Aranda F, Litwin M, Sinha MD, **Simonetti G**, Stabouli S, Wühl E. HyperChildNET: A European Network Moving Forward in the Field of Pediatric Hypertension. *Hypertension.* 2023;80:e71-e3. PMID [36748460](#)
415. Lüthi A, Franken P, **Fulda S**, Siclari F, Van Someren EJW. Do all norepinephrine surges disrupt sleep? *Nat Neurosci.* 2023;26:955-6. PMID [37081297](#)
416. Ma YJ, Moazamian D, Port JD, Edjlali M, Pruvo JP, Hacein-Bey L, Hoggard N, Paley MNJ, Menon DK, Bonekamp D, **Pravatà E**, Garwood M, Danesh-Meyer H, Condron P, Cornfeld DM, Holdsworth SJ, Du J, Bydder GM. Targeted magnetic resonance imaging (tMRI) of small changes in the T(1) and spatial properties of normal or near normal

- appearing white and gray matter in disease of the brain using divided subtracted inversion recovery (dSIR) and divided reverse subtracted inversion recovery (drSIR) sequences. *Quant Imaging Med Surg*. 2023;13:7304-37. PMID [37869282](#)
417. Maciel C, Ferreira H, Djokovic D, Kyaw Tun J, Keckstein J, **Rizzo S**, Manganaro L. MRI of endometriosis in correlation with the #Enzian classification: applicability and structured report. *Insights Imaging*. 2023;14:120. PMID [37405519](#)
 418. Maffessanti F, Jadczyk T, Wilczek J, **Conte G**, **Caputo ML**, Golba KS, Biernat J, Cybulska M, Caluori G, **Regoli F**, Krause R, Wojakowski W, Prinzen FW, **Auricchio A**. Electromechanical factors associated with favourable outcome in cardiac resynchronization therapy. *Europace*. 2023;25:546-53. PMID [36106562](#)
 419. Magaz M, Giudicelli-Lett H, Nicoară-Farcău O, Rajoriya N, Goel A, Raymenants K, Hillaire S, Crespo G, Téllez L, Elkrief L, Fondevila C, Orts L, Nery F, Shukla A, Larrue H, Fundora Y, Degroote H, Aguilera V, E LL, Turco L, Indulti F, Gioia S, Tosetti G, Bitto N, Becchetti C, Alvarado E, Roig C, Diaz R, Praktiknjo M, Konicek AL, Soy G, Olivas P, Fortea JI, Masnou H, Puente Á, Ardèvol A, Álvarez-Navascués C, Romero M, Scheiner B, Semmler G, Mandorfer M, Damião F, Baiges A, Turon F, Simón-Talero M, González-Alayón C, Díaz A, García-Criado Á, **de Gottardi A**, Reverter E, Blasi A, Genescà J, Roux O, Francoz C, Noronha Ferreira C, Reiberger T, Rodríguez M, Morillas RM, Crespo J, Trebicka J, Bañares R, Villanueva C, Berzigotti A, Primignani M, La Mura V, Riggio O, Schepis F, Procopet B, Verhelst X, Calleja JL, Bureau C, Albillos A, Nevens F, Hernández-Gea V, Tripathi D, Rautou PE, Durand F, García-Pagán JC. Liver Transplantation for Porto-sinusoidal Vascular Liver Disorder: Long-term Outcome. *Transplantation*. 2023;107:1330-40. PMID [36479977](#)
 420. Magnoli F, Marchiori D, Facchi S, **Martin V**, Campiotti L, Merli M, Sessa F, Tibiletti MG, Uccella S. High frequency of BCL2 gene rearrangement-negative follicular lymphoma in northwestern Italy. *Cancer Genet*. 2023;274-275:1-9. PMID [36917896](#)
 421. **Magrin C**, **Bellafante M**, **Sola M**, **Piovesana E**, Bolis M, Cascione L, Napoli S, Rinaldi A, **Papin S**, **Paganetti P**. Tau protein modulates an epigenetic mechanism of cellular senescence in human SH-SY5Y neuroblastoma cells. *Front Cell Dev Biol*. 2023;11:1232963. PMID [37842084](#)
 422. Mahendiran T, Hoepfl A, Foster-Witassek F, Rickli H, Roffi M, Eberli F, **Pedrazzini G**, Jeger R, Radovanovic D, Fournier S. Twenty-year trends in the prevalence of modifiable cardiovascular risk factors in young acute coronary syndrome patients hospitalized in Switzerland. *Eur J Prev Cardiol*. 2023;30:1504-12. PMID [36929213](#)
 423. Mainieri G, Loddo G, Provini F, Nobili L, **Manconi M**, **Castelnovo A**. Diagnosis and Management of NREM Sleep Parasomnias in Children and Adults. *Diagnostics (Basel)*. 2023;13:1261. PMID [37046480](#)
 424. Mallereau CH, Todeschi J, Ganau M, Cebula H, Bozzi MT, Romano A, Le Van T, Ollivier I, **Zaed I**, Spatola G, Nannavecchia B, Mahoudeau P, Djennaoui I, Debry C, Signorelli F, Ligarotti GKI, Pop R, Baloglu S, Fasciglione E, Goichot B, Bund C, Gaudias J, Proust F, Chibbaro S. Pituitary Abscess: A Challenging Preoperative Diagnosis-A Multicenter Study. *Medicina (Kaunas)*. 2023;59:565. PMID [36984566](#)
 425. Manganaro L, Ciulla S, Celli V, Ercolani G, Ninkova R, Miceli V, Cozzi A, **Rizzo SM**, Thomassin-Naggara I, Catalano C. Impact of DWI and ADC values in Ovarian-Adnexal Reporting and Data System (O-RADS) MRI score. *Radiol Med*. 2023;128:565-77. PMID [37097348](#)
 426. Mansouri L, Thorvaldsdottir B, Sutton LA, Karakatsoulis G, Meggendorfer M, Parker H, Nadeu F, Brieghel C, Laidou S, Moia R, **Rossi D**, Catherwood M, Kotaskova J, Delgado J, Rodríguez-Vicente AE, Benito R, Rigolin GM, Bonfiglio S, Scarfo L, Mattsson M, Davis Z, Gogia A, Rani L, Baliakas P, Foroughi-Asl H, Jylhä C, Skaftason A, Rapado I, Miras F, Martínez-Lopez J, de la Serna J, Rivas JMH, Thornton P, Larráyo MJ, Calasanz MJ, Fésüs V, Mátrai Z, Bödör C, Smedby KE, Espinet B, Puiggros A, Gupta R, Bullinger L, Bosch F, Tazón-Vega B, Baran-Marszak F, Oscier D, Nguyen-Khac F, Zenz T, Terol MJ, Cuneo A, Hernández-Sánchez M, Pospisilova S, Mills K, Gaidano G, Niemann CU, Campo E, Strefford JC, Ghia P, Stamatopoulos K, Rosenquist R. Different prognostic impact of recurrent gene mutations in chronic lymphocytic leukemia depending on IGHV gene somatic hypermutation status: a study by ERIC in HARMONY. *Leukemia*. 2023;37:339-47. PMID [36566271](#)
 427. **Marando M**, Blondon K, Darbellay Farhoumand P, Nendaz M, Grauser D, Sallet A, **Tamburello A**, **Pons M**, Righini M, **Gianella P**, Blondon M. Contemporary adequacy of thromboprophylaxis in acutely ill medical patients in Switzerland: a bi-centric prospective cohort. *Swiss Med Wkly*. 2023;153:40117. PMID [37956238](#)
 428. **Marchi F**, **Kessler C**, **Distefano D**, Terzi di Bergamo L, **Fumagalli L**, **Averaimo M**, **Crupi E**, **Bergamini F**, **Melli G**, **Stussi G**, **Rossi D**, **Gobbi C**, **Ripellino P**, **Pravatà E**, **Kuhlen DE**, Röcken C, **Scarone P**, **Gerber B**, **Condoluci A**. Prevalence of amyloid in ligamentum flavum of patients with lumbar spinal stenosis. *Amyloid*. 2023;30:416-23. PMID [37431662](#)
 429. **Marchi F**, **Mollica C**, **Bonasia S**, **Robert T**. Clipping and exclusion of a thoracic pial arteriovenous fistula with multiple shunting points: how I do it. *Acta Neurochir (Wien)*. 2023;165:983-7. PMID [36645489](#)
 430. Marcon L, **Bergonti M**, Spera F, Saenen J, Huybrechts W, Miljoen H, Van Leuven O, Vandaele L, Wittcock A, Heidbuchel H, Sarkozy A. Dynamic changes of left atrial substrate over time following pulmonary vein isolation: the Progress-AF study. *Europace*. 2023;25:euad299. PMID [37787610](#)
 431. Marcon M, **Catanese C**, **Scarano AL**, **Del Grande F**, **Manganiello M**, **Palermo M**, **Rizzo S**. Axillary lymph nodes enlargement after Sars-CoV-2 vaccine in patients undergoing breast examination: a single-centre experience in 285 women. *Radiol Med*. 2023;128:1217-24. PMID [37626156](#)
 432. Marcon M, **Catanese C**, **Scarano AL**, **Del Grande F**, **Manganiello M**, **Palermo M**, **Rizzo S**. Reply to comment to "axillary lymph nodes enlargement

- after Sars-CoV-2 vaccine in patients undergoing breast examination: a single-centre experience in 285 women". *Radiol Med.* 2023;128:1595-6. PMID [37907674](#)
433. **Marin R, Feltri P**, Ferraro S, Ippolito G, Campopiano G, **Previtali D, Filardo G, Marbach F**, De Marinis G, **Candrian C**, Surace MF. Impact of tuberosity treatment in reverse shoulder arthroplasty after proximal humeral fractures: A multicentre study. *J Orthop Sci.* 2023;28:765-71. PMID [35461748](#)
434. Marra G, van Leenders G, Zattoni F, Kesck C, Rajwa P, Cornford P, van der Kwast T, van den Bergh RCN, Briers E, Van den Broeck T, De Meerleer G, De Santis M, Eberli D, Farolfi A, **Gillesen S**, Grivas N, Grummet JP, Henry AM, Lardas M, Lieu M, Linares Espinós E, Mason MD, O'Hanlon S, van Oort IM, Oprea-Lager DE, Ploussard G, Rouvière O, Schoots IG, Stranne J, Tilki D, Wiegel T, Willemse PM, Mottet N, Gandaglia G. Impact of Epithelial Histological Types, Subtypes, and Growth Patterns on Oncological Outcomes for Patients with Nonmetastatic Prostate Cancer Treated with Curative Intent: A Systematic Review. *Eur Urol.* 2023;84:65-85. PMID [37117107](#)
435. Marto JP, Strambo D, Ntaios G, Nguyen TN, Herzig R, Czlonkowska A, Demeestere J, Mansour OY, Salerno A, Wegener S, Baumgartner P, **Cereda CW, Bianco G**, Beyeler M, Arnold M, Carrera E, Machi P, Altersberger V, Bonati L, Gensicke H, Bolognese M, Peters N, Wetzl S, Magriço M, Ramos JN, Sargento-Freitas J, Machado R, Maia C, Machado E, Nunes AP, Ferreira P, Pinho EMT, Dias MC, Paula A, Correia MA, Castro P, Azevedo E, Albuquerque L, Alves JN, Ferreira-Pinto J, Meira T, Pereira L, Rodrigues M, Araujo AP, Rodrigues M, Rocha M, Pereira-Fonseca A, Ribeiro L, Varela R, Malheiro S, Cappellari M, Zivelonghi C, Sajeve G, Zini A, Gentile M, Forlivesi S, Migliaccio L, Sessa M, La Gioia S, Pezzini A, Sangalli D, Zedde M, Pascarella R, Ferrarese C, Beretta S, Diamanti S, Schwarz G, Frisullo G, Marcheselli S, Seners P, Sabben C, Escalard S, Piotin M, Maier B, Charbonnier G, Vuillier F, Legris L, Cuisenier P, Vodret FR, Marnat G, Liegey JS, Sibon I, Flottmann F, Broocks G, Gloyer NO, Bohmann FO, Schaefer JH, Nolte C, Audebert HJ, Siebert E, Sykora M, Lang W, Ferrari J, Mayer-Suess L, Knoflach M, Gizewski ER, Stolp J, Stolze LJ, Coutinho JM, Nederkoorn P, van den Wijngaard I, De Meris J, Lemmens R, De Raedt S, Vandervorst F, Rutgers MP, Guilmot A, Dusart A, Bellante F, Calleja-Castaño P, Ostos F, González-Ortega G, Martín-Jiménez P, García-Madrona S, Cruz-Culebras A, Vera R, Matute MC, Fuentes B, Alonso-de-Leciñana M, Rigual R, Díez-Tejedor E, Perez-Sanchez S, Montaner J, Díaz-Otero F, Pérez-de-la-Ossa N, Flores-Pina B, Muñoz-Narbona L, Chamorro A, Rodríguez-Vázquez A, Renú A, Ayo-Martin O, Hernández-Fernández F, Segura T, Tejada-Meza H, Sagarramur D, Serrano-Ponz M, Hlaing T, See I, Simister R, Werring D, Kristoffersen ES, Nordanstig A, Jood K, Rentzos A, Šimůnek L, Krajičková D, Krajina A, Mikulik R, Cviková M, Vinklársek J, Školoudík D, Roubec M, Hurtikova E, Hrubý R, Ostry S, Skoda O, Pernicka M, Jurak L, Eichlová Z, Jíra M, Kovar M, Panský M, Mencl P, Palouskova H, Tomek A, Janský P, Olšerová A, Sramek M, Havlicek R, Malý P, Trakal L, Fiksa J, Slovák M, Karlinski MA, Nowak M, Sienkiewicz-Jarosz H, Bochynska A, Wrona P, Homa T, Sawczynska K, Slowik A, Włodarczyk E, Wiacek M, Tomaszewska-Lampart I, Sieczkowski B, Bartosik-Psujek H, Bilik M, Bandzarewicz A, Dorobek M, Zielinska-Turek J, Nowakowska-Kotas M, Obara K, Urbanowski P, Budrewicz S, Guziński M, Świtońska M, Rutkowska I, Sobieszak-Skura P, Labuz-Roszak BM, Debiec A, Staszewski J, Stępień A, Zwiernik J, Wasilewski G, Tiu C, Terecoasă EO, Radu RA, Negri A, Dorob B, Panea C, Tiu V, Petrescu S, Ozdemir A, Mahmoud M, El-Samahy H, Abdelkhalik H, Al-Hashel J, Ismail, II, Salmeen A, Ghoreishi A, Sabetay SI, Gross H, Klein P, Abdalkader M, Jabbour P, El Naamani K, Tjounmakaris S, Abbas R, Mohamed GA, Chebl A, Min J, Hovingh M, Tsai JP, Khan M, Nalleballe K, Onteddu S, Masoud H, Michael M, Kaur N, Maali L, Abraham MG, Khandelwal P, Bach I, Ong M, Babici D, Khawaja AM, Hakemi M, Rajamani K, Cano-Nigenda V, Arauz A, Amaya P, Llanos N, Arango A, Vences M, Barrientos Guerra JD, Caetano R, Martins RT, Scollo SD, Yalung PM, Nagendra S, Gaikwad A, Seo KD, Georgiopoulos G, Nogueira RG, Michel P. Safety and Outcome of Revascularization Treatment in Patients With Acute Ischemic Stroke and COVID-19: The Global COVID-19 Stroke Registry. *Neurology.* 2023;100:e739-e50. PMID [36351814](#)
436. Marzi R, Bassi J, Silacci-Fregni C, Bartha I, Muoio F, Culap K, Sprugasci N, Lombardo G, Saliba C, Cameroni E, Cassotta A, Low JS, Walls AC, McCallum M, Tortorici MA, Bowen JE, Dellota EA, Jr., Dillen JR, Czudnochowski N, **Pertusini L, Terrot T**, Lepori V, Tarkowski M, Riva A, Biggiogero M, Franzetti-Pellanda A, Garzoni C, **Ferrari P, Ceschi A, Giannini O**, Havenar-Daughton C, Telenti A, Arvin A, Virgin HW, Sallusto F, Velesler D, Lanzavecchia A, Corti D, Piccoli L. Maturation of SARS-CoV-2 Spike-specific memory B cells drives resilience to viral escape. *iScience.* 2023;26:105726. PMID [36507220](#)
437. Marzolini C, Cavassini M, Braun DL, Hachfeld A, **Bernasconi E**, Calmy A, Schmid P, Battagay M, **Elzi L**. Effect of SLCO1B1 c.521T>C polymorphism on the lipid response to statins in people living with HIV on a boosted protease inhibitor-containing regimen. *Br J Clin Pharmacol.* 2023;89:2739-46. PMID [37101315](#)
438. Mauermann E, Bolliger D, Rist A, **Cassina T**, Erdoes G. Treating cardiac surgery emergencies: the role of the noncardiac anaesthetist in the first 30 min. *Eur J Anaesthesiol.* 2023;40:381-3. PMID [37017359](#)
439. **Maulucci F, Disanto G, Bianco G, Pileggi M**, Fischer U, Padlina G, Strambo D, Michel P, Kahles T, Nedeltchev K, Fisch U, Bonati L, Kägi G, Escribano Paredes JB, Carrera E, Nyffeler T, Bolognese M, Wegener S, Luft A, Peters N, Renaud S, Mono ML, Remonda L, Machi P, Psychogios MN, Kaesmacher J, Mordasini P, **Cereda CW**. Endovascular therapy outcome in isolated posterior cerebral artery occlusion strokes: A multicenter analysis of the Swiss Stroke Registry. *Eur Stroke J.* 2023;8:575-80. PMID [37231695](#)

440. Mauri F, Cottler-Casanova S, Cavassini M, Stoeckle M, Wandeler G, Schmid P, Braun DL, Scherrer A, **Bernasconi E**, Calmy A, Abdulkadir J. Female Genital Mutilation/Cutting in the Swiss HIV Cohort Study: A Cross-Sectional Study. *J Immigr Minor Health*. 2023;25:136-41. PMID [35943681](#)
441. Maurichi A, Barretta F, Patuzzo R, Miceli R, Gallino G, Mattavelli I, Leva A, Harwood C, Bergamaschi D, Borg TM, Shimonovitz-Moore M, Spadola G, Tolomio E, Barbieri C, Queirolo P, Manganoni AM, Pellacani G, **Espeli V**, **Mangas C**, **Leoni-Parvex S**, Cossa M, Belotti A, Valeri B, Cortinovis U, Santinami M. Similar local recurrence and survival in patients with T1 radial growth phase melanoma on head and neck treated with 5 or 10mm margins: A retrospective study. *J Eur Acad Dermatol Venereol*. 2023;37:1318-26. PMID [36924058](#)
442. McCague C, MacKay K, Welsh C, Constantinou A, Jena R, Crispin-Ortuzar M, Imaging AI evaluation consensus group (**Rizzo S**). Position statement on clinical evaluation of imaging AI. *Lancet Digit Health*. 2023;5:e400-e2. PMID [37391263](#)
443. Meani F, Barbalace G, Meroni D, **Pagani O**, **Perriard U**, **Pagnamenta A**, Aliverti A, **Meroni E**. Electrical Impedance Spectroscopy for Ex-Vivo Breast Cancer Tissues Analysis. *Ann Biomed Eng*. 2023;51:1535-46. PMID [37061594](#)
444. Meduri B, Baldissera A, Iotti C, Scheijmans L, Stam MR, Parisi S, Boersma LJ, Ammendolia I, Koiter E, **Valli M**, Scandolaro L, Busz D, Stenfert Kroese MC, Ciabatti S, Giacobazzi P, Ruggieri MP, Engelen A, Munafò T, Westenberg AH, Verhoeven K, Vicini R, D'Amico R, Lohr F, Bertoni F, Poortmans P, Frezza GP. Cosmetic Results and Side Effects of Accelerated Partial-Breast Irradiation Versus Whole-Breast Irradiation for Low-Risk Invasive Carcinoma of the Breast: The Randomized Phase III IRMA Trial. *J Clin Oncol*. 2023;41:2201-10. PMID [36623246](#)
445. Meier S, Willemse EAJ, Schaedel S, Oechtering J, Lorscheider J, Melie-Garcia L, Cagol A, Barakovic M, Galbusera R, Subramaniam S, Barro C, Abdelhak A, Thebault S, Achtnichts L, Lalive P, Müller S, Pot C, Salmen A, **Disanto G**, **Zecca C**, D'Souza M, Orleth A, Khalil M, Buchmann A, Du Pasquier R, Yaldizli Ö, Derfuss T, Berger K, Hermesdorf M, Wiendl H, Piehl F, Battagliani M, Fischer U, Kappos L, **Gobbi C**, Granziera C, Bridel C, Leppert D, Maleska Maceski A, Benkert P, Kuhle J. Serum Glial Fibrillary Acidic Protein Compared With Neurofilament Light Chain as a Biomarker for Disease Progression in Multiple Sclerosis. *JAMA Neurol*. 2023;80:287-97. PMID [36745446](#)
446. Meijers TA, Aminian A, **Valgimigli M**, Dens J, Agostoni P, Iglesias JF, Gasparini GL, Seto AH, Saito S, Rao SV, van Royen N, Brilakis ES, van Leeuwen MAH. Vascular Access in Percutaneous Coronary Intervention of Chronic Total Occlusions: A State-of-the-Art Review. *Circ Cardiovasc Interv*. 2023;16:e013009. PMID [37458110](#)
447. Meinel TR, Wilson D, Gensicke H, Scheitz JF, Ringleb P, Goganau I, Kaesmacher J, Bae HJ, Kim DY, Kermer P, Suzuki K, Kimura K, Macha K, Koga M, Wada S, Altersberger V, Salerno A, Palanikumar L, Zini A, Forlivesi S, Kellert L, Wischmann J, Kristoffersen ES, Beharry J, Barber PA, Hong JB, **Cereda C**, Schlemm E, Yakushiji Y, Poli S, Leker R, Romoli M, Zedde M, Curtze S, Ikenberg B, Uphaus T, Giannandrea D, Portela PC, Veltkamp R, Ranta A, Arnold M, Fischer U, Cha JK, Wu TY, Purrucker JC, Seiffge DJ, Kägi G, Engelter S, Nolte CH, Kallmünzer B, Michel P, Kleinig TJ, Fink J, Rønning OM, Campbell B, Nederkoorn PJ, Thomalla G, Kunieda T, Poli K, Béjot Y, Soo Y, Garcia-Esperon C, Ntaios G, Cordonnier C, Marto JP, Bigliardi G, Lun F, Choi PMC, Steiner T, Ustrell X, Werring D, Wegener S, Pezzini A, Du H, Martí-Fàbregas J, Cánovas-Vergé D, Strbian D, Padjen V, Yaghi S, Stretz C, Kim JT. Intravenous Thrombolysis in Patients With Ischemic Stroke and Recent Ingestion of Direct Oral Anticoagulants. *JAMA Neurol*. 2023;80:233-43. PMID [36807495](#)
448. Mercier J, **Bernasconi R**, Steiger C, Kaempfen A, Krieg AH. Conservative and Surgical Treatment of Osteochondromas in Children, Particularly with or without Surgical Lengthening of the Ulna. *J Clin Med*. 2023;12:4273. PMID [37445308](#)
449. Merlo F, Falvo I, Caiata-Zufferey M, Schulz PJ, Milani GP, **Simonetti GD**, Bianchetti MG, Fadda M. New insights into fever phobia: a pilot qualitative study with caregivers and their healthcare providers. *Eur J Pediatr*. 2023;182:651-9. PMID [36443503](#)
450. Messina C, **Del Grande F**. Editorial: Imaging of bone cancers - novel methodologies and optimizations. *Front Oncol*. 2023;13:1148663. PMID [36874107](#)
451. Metelmann B, Elschenbroich D, **Auricchio A**, Baldi E, Beckers SK, Burkart R, Fredman D, Ganter J, Krammel M, Marks T, Metelmann C, Müller MP, Scquizzato T, Stieglis R, Strickmann B, Christian Thies K. Proposal to increase safety of first responders dispatched to cardiac arrest. *Resusc Plus*. 2023;14:100395. PMID [37215185](#)
452. Mettler M, Stanikić M, Schwegler U, Sieber C, Ajdacic-Gross V, Rodgers S, Haag C, **Zecca C**, Calabrese P, Kägi S, Rapold I, von Wyl V. Engagement in volunteering activities by persons with multiple sclerosis in Switzerland. *Mult Scler Relat Disord*. 2023;69:104427. PMID [36470169](#)
453. **Meyer A**, **Mazzara C**, Lava SAG, **Treglia G**, Bianchetti MG, **Goeggel Simonetti B**, **Simonetti GD**. Neurological complications of rotavirus infection in children: A systematic review and meta-analysis. *Acta Paediatr*. 2023;112:1565-73. PMID [36951625](#)
454. **Miano S**, Barateau L, **De Pieri M**, **Riccardi S**, Thevenin C, **Manconi M**, Dauvilliers Y. A series of 7 cases of patients with narcolepsy with hypocretin deficiency without the HLA DQB1*06:02 allele. *J Clin Sleep Med*. 2023;19:2053-7. PMID [37539640](#)
455. Miceli V, Gennarini M, Tomao F, Cupertino A, Lombardo D, Palaia I, Curti F, Riccardi S, Ninkova R, Maccioni F, Ricci P, Catalano C, **Rizzo SMR**, Manganaro L. Imaging of Peritoneal Carcinomatosis in Advanced Ovarian Cancer: CT, MRI, Radiomic Features and Resectability Criteria. *Cancers (Basel)*. 2023;15:5827. PMID [38136373](#)
456. **Milzi A**, Dettori R, Lubberich RK, Reith S, Burgmaier K, Marx N, Burgmaier M. Quantitative

- Flow Ratio Is Feasible and Accurate Even at Lower Frame Acquisition Rate. *Circ Cardiovasc Interv.* 2023;16:e013266. PMID [37846560](#)
457. Moens E, Degraeuwe E, **Caputo Maria L**, Cresta R, Arys R, Van Moorter N, Tackaert T, Benvenuti C, **Auricchio A**, Vercammen S. A roadmap to building first responder networks: Lessons learned and best practices from Belgium and Switzerland. *Resusc Plus.* 2023;16:100469. PMID [37779882](#)
458. Moia R, Dondolin R, De Propriis MS, Talotta D, Mouhssine S, Perutelli F, Reda G, Mattiello V, Rigolin GM, Motta M, Olivieri J, Fanin R, Perbellini O, Ferrarini I, Mauro FR, Del Giudice I, Laurenti L, Tomasso A, Gentile M, Frustaci AM, Tedeschi A, Gozzetti A, Stelitano C, Visco C, Moreno C, Forconi F, Marasca R, Coscia M, **Rossi D**, Foà R, Gaidano G. Long-term benefit of IGHV mutated patients in a real-life multicenter cohort of FCR-treated chronic lymphocytic leukemia. *Hematol Oncol.* 2023;41:567-70. PMID [36190298](#)
459. Moia R, Terzi di Bergamo L, Talotta D, Bomben R, Forestieri G, Spina V, Bruscazzin A, Cosentino C, Almasri M, Dondolin R, Bittolo T, Zucchetto A, Baldoni S, Del Giudice I, Mauro FR, Maffei R, Chiarenza A, Tafuri A, Laureana R, Del Principe MI, Zaja F, D'Arena G, Olivieri J, Rasi S, Mahmoud A, Al Essa W, Awikeh B, Kogila S, Bellia M, Mouhssine S, Sportoletti P, Marasca R, Scarfò L, Ghia P, Gattei V, Foà R, **Rossi D**, Gaidano G. XPO1 mutations identify early-stage CLL characterized by shorter time to first treatment and enhanced BCR signalling. *Br J Haematol.* 2023;203:416-25. PMID [37580908](#)
460. **Mollica C**, **Guatta R**, **Scarone P**. Augmented Reality Surgical Navigation in Hybrid Operating Room for Minimally Invasive Lumbar Fusion: 2-Dimensional Operative Video. *Oper Neurosurg (Hagerstown).* 2023;25:e107. PMID [37166196](#)
461. Monachino G, Zanchi B, Fiorillo L, **Conte G**, **Auricchio A**, Tzovara A, Faraci FD. Deep Generative Models: The winning key for large and easily accessible ECG datasets? *Comput Biol Med.* 2023;167:107655. PMID [37976830](#)
462. Mondadori C, Chandrakar A, Lopa S, Wieringa P, Talò G, Perego S, Lombardi G, Colombini A, **Moretti M**, Moroni L. Assessing the response of human primary macrophages to defined fibrous architectures fabricated by melt electrowriting. *Bioact Mater.* 2023;21:209-22. PMID [36101857](#)
463. **Mongelli F**, **Garofalo F**, **Giacopelli P**, **Munini M**, Volontè F, **Marengo M**. Assessment of gastric pouch blood supply with indocyanine green fluorescence in conversional and revisional bariatric surgery: a prospective comparative study. *Sci Rep.* 2023;13:9152. PMID [37280278](#)
464. **Mongelli F**, **Marengo M**, **Bertoni MV**, Volontè F, **Ledingham NS**, **Garofalo F**. Laparoscopic-Assisted Transversus Abdominis Plane (TAP) Block Versus Port-Site Infiltration with Local Anesthetics in Bariatric Surgery: a Double-Blind Randomized Controlled Trial. *Obes Surg.* 2023;33:3383-90. PMID [37740830](#)
465. Montalban X, Matthews PM, Simpson A, Petrie JL, Sammon C, Ramagopalan S, **Disanto G**, Kuhle J. Real-world evaluation of ocrelizumab in multiple sclerosis: A systematic review. *Ann Clin Transl Neurol.* 2023;10:302-11. PMID [36728340](#)
466. Montalto C, Costa F, Leonardi S, Micari A, Oreglia JA, Vranckx P, Capodanno D, Ten Berg J, Lopes RD, **Valgimigli M**. Dual antiplatelet therapy duration after percutaneous coronary intervention in patients with indication to oral anticoagulant therapy. A systematic review and meta-analysis of randomized controlled trials. *Eur Heart J Cardiovasc Pharmacother.* 2023;9:220-30. PMID [36427063](#)
467. **Monteleone AS**, **Feltri P**, **Molina MN**, **Müller J**, **Filardo G**, **Candrian C**. Quality of life from return to work and sports activities to sexual dysfunction after surgical treatment of acetabular fractures. *Arch Orthop Trauma Surg.* 2023;143:1491-7. PMID [35218369](#)
468. **Monteleone AS**, **Feltri P**, **Müller J**, **Molina MN**, **Filardo G**, **Candrian C**. Quality of Life from Return to Work and Sport Activities to Sexual Dysfunction after Surgical Treatment of Pelvic Ring Fractures. *Healthcare (Basel).* 2023;11:1930. PMID [37444764](#)
469. **Montes de Jesus FM**, **Espeli V**, **Paone G**, **Giovanella L**. Add-on radioiodine during long-term BRAF/MEK inhibition in patients with RAI-refractory thyroid cancers: a reasonable option? *Endocrine.* 2023;81:450-4. PMID [37191938](#)
470. **Montes de Jesus FM**, **Giovanella L**. Unexplained increase of serum carcinoembryonic antigen: don't forget the thyroid! *Clin Chem Lab Med.* 2023;61:e203-e5. PMID [37053395](#)
471. Morabito F, Tripepi G, Mauro FR, Laurenti L, Reda G, Moia R, **Condoluci A**, Vincelli I, Chiarenza A, Vigna E, Martino EA, Bruzzese A, Mezzatesta S, Laureana R, Cutrona G, Di Raimondo F, Fronza G, Zucchetto A, Bomben R, Rossi FM, Olivieri J, Zaja F, **Rossi D**, Gaidano G, Del Principe MI, Ilariucci F, Del Poeta G, Ferrarini M, Neri A, Gattei V, Gentile M. The time to first treatment is an independent predictor of overall survival in chronic lymphocytic leukemia. *Am J Hematol.* 2023;98:E157-e60. PMID [37067157](#)
472. Morais MA, Franco B, Holanda ASS, Simino LAP, **Manconi M**, Torsoni A, Esteves AM. Effectiveness of exercise and pramipexole in the treatment of restless leg syndrome: Implications on the dopaminergic system and PTPRD. *Sleep Med.* 2023;110:201-11. PMID [37633178](#)
473. Morais MA, Franco BS, Holanda ASS, de Paula Simino LA, Veras ACC, Torsoni MA, **Manconi M**, Torsoni AS, Esteves AM. Protein tyrosine phosphatase receptor type delta (PTPRD) gene in an animal model of restless legs syndrome. *J Sleep Res.* 2023;32:e13716. PMID [36053904](#)
474. Moretti F, **Gianini J**, Del Giorno R, **Gabutti L**. Circadian Urinary Excretion of Water, and Not Salt, Is Affected by the White Coat Effect. *J Clin Med.* 2023;12:5725. PMID [37685792](#)
475. Morniroli D, Vizzari G, Tosi M, **Treglia G**, Corsello A, Marchisio P, Mosca F, Agostoni C, Gianni ML, Milani GP, Pugni L. Mother-to-child transmission of SARS-CoV-2 infection in high-income countries: a systematic review and meta-analysis of prospective observational studies. *Sci Rep.* 2023;13:8813. PMID [37258854](#)
476. Moro M, Pastore VP, Marchesi G, Proserpio P, Tassi L, **Castelnovo A**, **Manconi M**, Nobile G,

- Cordani R, Gibbs SA, Odone F, Casadio M, Nobili L. Automatic video analysis and classification of sleep-related hypermotor seizures and disorders of arousal. *Epilepsia*. 2023;64:1653-62. PMID [37013671](#)
477. Moutzouri E, Glutz M, Abolhassani N, Feller M, Adam L, Gencer B, Del Giovane C, Bétrisey S, Paladini RE, Hennings E, Aeschbacher S, Beer JH, **Moschovitis G**, Seiffge D, De Marchis GM, Coslovsky M, Reichlin T, **Conte G**, Sinnecker T, Schwenkglenks M, Bonati LH, Kastner P, Aujesky D, Kühne M, Osswald S, Fischer U, Conen D, Rodondi N. Association of statin use and lipid levels with cerebral microbleeds and intracranial hemorrhage in patients with atrial fibrillation: A prospective cohort study. *Int J Stroke*. 2023;18:1219-27. PMID [37243540](#)
478. Mugglin C, Hamusonde K, Salazar-Vizcaya L, Kusejko K, Nicca D, Haerry D, Braun DL, Stoeckle M, Kouyos R, Calmy A, Cavassini M, Cipriani M, **Bernasconi E**, Rauch A, Hachfeld A. Sexual Behaviour and STI Incidence in Sexually Active MSM Living With HIV in Times of COVID-19. *Open Forum Infect Dis*. 2023;10:ofad399. PMID [37564741](#)
479. Munafò AR, Montalto C, Franzino M, Pistelli L, Di Bella G, Ferlini M, Leonardi S, D'Ascenzo F, Gragnano F, Oreglia JA, Oliva F, Ortega-Paz L, Calabrò P, Angiolillo DJ, **Valgimigli M**, Micari A, Costa F. External validity of the PRECISE-DAPT score in patients undergoing PCI: a systematic review and meta-analysis. *Eur Heart J Cardiovasc Pharmacother*. 2023;9:709-21. PMID [37634083](#)
480. **Muoio B, Espeli V, Treglia G**. Neuro-Oncology and Positron Emission Tomography: "Just Can't Get Enough". *Cancers (Basel)*. 2023;15:4739. PMID [37835432](#)
481. Muri J, Cecchinato V, Cavalli A, Shanbhag AA, Matkovic M, Biggiogero M, Maida PA, Moritz J, Toscano C, Ghohehoud E, Furlan R, Barbic F, Voza A, De Nadai G, Cervia C, Zurbuchen Y, Taeschler P, Murray LA, Danelon-Sargenti G, Moro S, Gong T, Piffaretti P, Bianchini F, Crivelli V, Podešvová L, Pedotti M, Jarrossay D, Sgrignani J, Thelen S, Uhr M, **Bernasconi E**, Rauch A, Manzo A, Ciurea A, Rocchi MBL, Varani L, Moser B, Bottazzi B, Thelen M, Fallon BA, Boyman O, Mantovani A, Garzoni C, Franzetti-Pellanda A, Ugucioni M, Robbiani DF. Autoantibodies against chemokines post-SARS-CoV-2 infection correlate with disease course. *Nat Immunol*. 2023;24:604-11. PMID [36879067](#)
482. Nagura I, Kanatani T, Inui A, Mifune Y, Kuroda R, **Lucchina S**. Clinical outcomes of absorbable plates (hydroxyapatite-poly-L-lactide composites) for phalangeal fractures - case reports. *Acta Chir Plast*. 2023;65:37-40. PMID [37211423](#)
483. Nana P, Koelemay MJW, Leone N, Brodis A, **van den Berg JC**, de Bruin JL, Geelkerken RH, Spanos K. A Systematic Review of Endovascular Repair Outcomes in Atherosclerotic Chronic Mesenteric Ischaemia. *Eur J Vasc Endovasc Surg*. 2023;66:632-43. PMID [37451604](#)
484. Nanni C, Kobe C, Baeßler B, Baues C, Boellaard R, Borchmann P, Buck A, Buvat I, Chapuy B, Cheson BD, Chrzan R, Cottreau AS, Dührsen U, Eikenes L, Hutchings M, Jurczak W, Kraeber-Bodéré F, Lopci E, Luminari S, MacLennan S, Mikhaeel NG, Nijland M, Rodríguez-Otero P, **Treglia G**, Withofs N, Zamagni E, Zinzani PL, Zijlstra JM, Herrmann K, Kunikowska J. European Association of Nuclear Medicine (EANM) Focus 4 consensus recommendations: molecular imaging and therapy in haematological tumours. *Lancet Haematol*. 2023;10:e367-e81. PMID [37142345](#)
485. Navarese EP, **Landi A**, Oliva A, Piccolo R, Aboyans V, Angiolillo D, Atar D, Capodanno D, Fox KAA, Halvorsen S, James S, Jüni P, Kunadian V, Leonardi S, Mehran R, Montalescot G, Niebauer J, Price S, Storey RF, Völler H, Vranckx P, Windecker S, **Valgimigli M**. Within and beyond 12-month efficacy and safety of antithrombotic strategies in patients with established coronary artery disease: two companion network meta-analyses of the 2022 joint clinical consensus statement of the European Association of Percutaneous Cardiovascular Interventions (EAPCI), European Association for Acute Cardiovascular Care (ACVC), and European Association of Preventive Cardiology (EAPC). *Eur Heart J Cardiovasc Pharmacother*. 2023;9:271-90. PMID [36869784](#)
486. Navarra A, **Porcellini I, Mongelli F, Popeskou SG**, Grass F, **Christoforidis D**. Long-term outcomes in elderly patients after elective surgery for colorectal cancer within an ERAS protocol: a retrospective analysis. *Langenbecks Arch Surg*. 2023;408:438. PMID [37978074](#)
487. Naylor R, Rantner B, Ancetti S, de Borst GJ, De Carlo M, Halliday A, Kakkos SK, Markus HS, McCabe DJH, Sillesen H, **van den Berg JC**, Vega de Ceniga M, Venermo MA, Vermassen FEG, Esvs Guidelines C, Antoniou GA, Bastos Goncalves F, Bjorck M, Chakfe N, Coscas R, Dias NV, Dick F, Hinchliffe RJ, Kolh P, Koncar IB, Lindholt JS, Mees BME, Resch TA, Trimarchi S, Tulamo R, Twine CP, Wanhainen A, Document R, Bellmunt-Montoya S, Bulbulia R, Darling RC, 3rd, Eckstein HH, Giannoukas A, Koelemay MJW, Lindström D, Schermerhorn M, Stone DH. Editor's Choice - European Society for Vascular Surgery (ESVS) 2023 Clinical Practice Guidelines on the Management of Atherosclerotic Carotid and Vertebral Artery Disease. *Eur J Vasc Endovasc Surg*. 2023;65:7-111. PMID [35598721](#)
488. Nazzari S, Cagliero L, Grumi S, Pisoni E, **Mallucci G**, Bergamaschi R, Maccarini J, Giorda R, Provenzi L. Prenatal exposure to environmental air pollution and psychosocial stress jointly contribute to the epigenetic regulation of the serotonin transporter gene in newborns. *Mol Psychiatry*. 2023;28:3503-11. PMID [37542161](#)
489. Negro F, Müllhaupt B, Semela D, Blach S, Bruggmann P, **De Gottardi A**, Dufour JF, Fraga M, **Galante A**, Razavi H, Vieira Barbosa J, Razavi-Shearer D. The current and future burden of hepatitis B in Switzerland: a modelling study. *Swiss Med Wkly*. 2023;153:40086. PMID [37410921](#)
490. **Nerone M, Rossi L, Condorelli R, Ratti V**, Conforti F, Palazzo A, **Graffeo R**. Beyond PARP Inhibitors in Advanced Breast Cancer Patients with Germline BRCA1/2 Mutations: Focus on CDK4/6-Inhibitors and Data Review on Other Biological Therapies. *Cancers (Basel)*. 2023;15:3305. PMID [37444415](#)

491. Neuenschwander A, Lonati C, Antonelli L, Papachristofilou A, Cathomas R, Rothermundt C, Templeton AJ, Gulamhusein A, Fischer S, **Gillessen S**, Hermanns T, Lorch A, Mattei A, Fankhauser CD. Treatment Outcomes for Men with Clinical Stage II Nonseminomatous Germ Cell Tumours Treated with Primary Retroperitoneal Lymph Node Dissection: A Systematic Review. *Eur Urol Focus*. 2023;9:541-6. PMID [36379869](#)
492. Nilius H, Cuker A, Haug S, Nakas C, Studt JD, Tsakiris DA, Greinacher A, Mendez A, Schmidt A, Willemin WA, **Gerber B**, Kremer Hovinga JA, Vishnu P, Graf L, Kashev A, Sznitman R, Bakchoul T, Nagler M. A machine-learning model for reducing misdiagnosis in heparin-induced thrombocytopenia: A prospective, multicenter, observational study. *EClinicalMedicine*. 2023;55:101745. PMID [36457646](#)
493. Nittas V, **Zecca C**, Kamm CP, Kuhle J, Chan A, von Wyl V. Digital health for chronic disease management: An exploratory method to investigating technology adoption potential. *PLoS One*. 2023;18:e0284477. PMID [37053272](#)
494. **Nosedà R, Bedussi F, Gobbi C, Ceschi A, Zecca C**. Safety profile of monoclonal antibodies targeting the calcitonin gene-related peptide system in pregnancy: Updated analysis in VigiBase®. *Cephalalgia*. 2023;43:3331024231158083. PMID [36855950](#)
495. **Nosedà R**, Franchi M, **Pagnamenta A, Müller L**, Dines AM, Giraudon I, Heyerdahl F, Eyer F, Hovda KE, Liechti ME, Miró Ó, Vallersnes OM, Yates C, Dargan PI, Wood DM, **Ceschi A**. Determinants of Admission to Critical Care Following Acute Recreational Drug Toxicity: A Euro-DEN Plus Study. *J Clin Med*. 2023;12:5970. PMID [37762912](#)
496. **Nosedà R, Müller L, Bedussi F**, Fusaroli M, Raschi E, **Ceschi A**. Immune Checkpoint Inhibitors and Pregnancy: Analysis of the VigiBase® Spontaneous Reporting System. *Cancers (Basel)*. 2023;15:173. PMID [36612168](#)
497. **Nosedà R**, Rea F, **Pagnamenta A, Agazzi P, Bianco G, Sihabdeen S**, Seiffge D, Michel P, Nedeltchev K, Bonati L, Kägi G, Niederhauser J, Nyffeler T, Luft A, Wegener S, Schelosky L, Medlin F, Rodic B, Peters N, Renaud S, Mono ML, Carrera E, Fischer U, **Ceschi A, Cereda CW**. Sex Differences in Outcomes of Intravenous Thrombolysis in Acute Ischemic Stroke Patients with Preadmission Use of Antiplatelets. *CNS Drugs*. 2023;37:351-61. PMID [36976463](#)
498. Novak U, Fehr M, Schär S, Dreyling M, Schmidt C, Derenzini E, Zander T, Hess G, Mey U, Ferrero S, Mach N, Boccomini C, Böttcher S, Voegeli M, Cairoli A, Ivanova VS, Menter T, Dirnhofer S, Scheibe B, Gadiant S, Eckhardt K, **Zucca E**, Driessen C, Renner C. Combined therapy with ibrutinib and bortezomib followed by ibrutinib maintenance in relapsed or refractory mantle cell lymphoma and high-risk features: a phase 1/2 trial of the European MCL network (SAKK 36/13). *EClinicalMedicine*. 2023;64:102221. PMID [37781158](#)
499. **Nutarelli S, da Lodi CMT**, Cook JL, **Deabate L, Filardo G**. Epidemiology of Patellar Tendinopathy in Athletes and the General Population: A Systematic Review and Meta-analysis. *Orthop J Sports Med*. 2023;11:23259671231173659. PMID [37347023](#)
500. Nuzzo PV, Pederzoli F, Saieva C, Zanardi E, Fotia G, Malgeri A, Rossetti S, Valença Bueno L, Andrade L, Patrikidou A, **Mestre RP, Modesti M**, Pignata S, Procopio G, Fornarini G, De Giorgi U, Russo A, Francini E. Clinical impact of volume of disease and time of metastatic disease presentation on patients receiving enzalutamide or abiraterone acetate plus prednisone as first-line therapy for metastatic castration-resistant prostate cancer. *J Transl Med*. 2023;21:75. PMID [36737752](#)
501. Nuzzo PV, Ravera F, Saieva C, Zanardi E, Fotia G, Malgeri A, Rossetti S, Valença LB, Oliveira TM, Vauchier C, **Pereira Mestre R, Modesti M**, Patrikidou A, Pignata S, Procopio G, Fornarini G, De Giorgi U, Russo A, Francini E. Clinical outcomes of volume of disease on patients receiving enzalutamide versus abiraterone acetate plus prednisone as first-line therapy for metastatic castration-resistant prostate cancer. *Ther Adv Med Oncol*. 2023;15:17588359231156147. PMID [36895852](#)
502. Okuno T, Alaour B, Heg D, Tueller D, Pilgrim T, Muller O, Noble S, Jeger R, Reuthebuch O, Toggweiler S, **Ferrari E**, Templin C, Wenaweser P, Nietlispach F, Taramasso M, Huber C, Roffi M, Windecker S, Stortecky S. Long-Term Risk of Stroke After Transcatheter Aortic Valve Replacement: Insights From the SwissTAVI Registry. *JACC Cardiovasc Interv*. 2023;16:2986-96. PMID [38151313](#)
503. **Oldrini LM, Sangiorgio A, Feltri P, Marbach F, Filardo G, Candrian C**. Proximal humerus fractures: deltopectoral open reduction and internal fixation vs deltosplit minimally invasive plate osteosynthesis: which surgical approach provides superior results? *EFORT Open Rev*. 2023;8:662-71. PMID [37526265](#)
504. Omlin A, Cathomas R, von Amsberg G, Reuter C, Feyerabend S, Loidl W, Boegemann M, Lorch A, Heidenreich A, Tsaur I, Larcher-Senn J, Buck SAJ, Mathijssen RHJ, Jaehde U, **Gillessen S**, Joerger M. Randomized Phase II Cabazitaxel Dose Individualization and Neutropenia Prevention Trial in Patients with Metastatic Castration-Resistant Prostate Cancer. *Clin Cancer Res*. 2023;29:1887-93. PMID [36917691](#)
505. **Orlando F, Giuffrida S, Vicari R, Sansalone A, Dell'Avo A, Bernasconi S, Villa M**. Adverse clinical events during the first 24 h of bedrest following cardiac electronic device implantation: a prospective observational study. *Eur J Cardiovasc Nurs*. 2023;22:175-83. PMID [35709305](#)
506. Orvain C, Chantepie S, Thomas X, Escoffre-Barbe M, Huguet F, Desbrosses Y, Guillem G, Uzunov M, Leguay T, Barbieux S, Vey N, Chevallier P, Malfuson JV, Lepretre S, Baumann M, Aykut M, Chaib A, Joris M, Zerazhi H, **Stussi G**, Chapiro J, Berthon C, Bonmati C, Jourdan E, Carp D, Marcais AR, Gallego-Hernanz MP, Vaida I, Bilger K, Villate A, Pasquier F, Chalandon Y, Maury S, Lheritier V, Ifrah N, Dombret H, Boissel N, Hunault-Berger M. Impact of central nervous system involvement in adult patients with Philadelphia-negative acute lymphoblastic leukemia: a GRAALL-2005 study. *Haematologica*. 2023;108:3287-97. PMID [36891751](#)

507. **Pagliuzzi G, Cuzzolin M, Pacchiarini L, Delcogliano M, Filardo G, Candrian C.** Physseal-sparing ACL reconstruction provides better knee laxity restoration but similar clinical outcomes to partial transphyseal and complete transphyseal approaches in the pediatric population: a systematic review and meta-analysis. *Knee Surg Sports Traumatol Arthrosc.* 2023;31:206-18. PMID [35838794](#)
508. Paioni P, Aebi-Popp K, Martinez de Tejada B, Rudin C, **Bernasconi E**, Braun DL, Kouyos R, Wagner N, Crisinel PA, Gusewell S, Darling KEA, Duppenhaler A, Baumann M, **Polli C**, Fischer T, Kahlert CR. Viral suppression and retention in HIV care during the postpartum period among women living with HIV: a longitudinal multicenter cohort study. *Lancet Reg Health Eur.* 2023;31:100656. PMID [37303945](#)
509. **Palazzuolo M, Bensa A**, Bauer S, Blakeney WG, **Filardo G, Riegger M.** Resurfacing Hip Arthroplasty Is a Safe and Effective Alternative to Total Hip Arthroplasty in Young Patients: A Systematic Review and Meta-Analysis. *J Clin Med.* 2023;12:2093. PMID [36983096](#)
510. Pannone L, Gauthey A, **Conte G**, Osei R, **Campanale D**, Baldi E, Berne P, Vicentini A, Vergara P, Sorgente A, Rootwelt-Norberg C, Della Rocca DG, Monaco C, Bisignani A, Miraglia V, Spolverini M, Paparella G, Overeinder I, Bala G, Almorad A, Ströker E, de Ravel T, Medeiros-Domingo A, Sieira J, Haugaa KH, Brugada P, La Meir M, **Auricchio A**, Chierchia GB, Van Dooren S, de Asmundis C. Genetics in Proband With Idiopathic Ventricular Fibrillation: A Multicenter Study. *JACC Clin Electrophysiol.* 2023;9:1296-306. PMID [37227348](#)
511. Pantet O, Combescure C, Ltaief Z, Mazzolai L, Jeanneret S, Manzocchi-Besson S, **Stricker H**, Cereghetti S, Pugin J, Calmy A, Marti C, Robert-Ebadi H, Fontana P, Righini M, Casini A, Blondon M. Effect of therapeutic anticoagulation on gas exchange in mechanically ventilated COVID-19 patients: A secondary analysis of the COVID-HEP trial. *Thromb Res.* 2023;224:13-6. PMID [36801649](#)
512. Papini G, Furini G, Matteucci M, **Biemmi V**, Casieri V, Di Lascio N, **Milano G**, Chincoli LR, Faita F, **Barile L**, Lionetti V. Cardiomyocyte-targeting exosomes from sulforaphane-treated fibroblasts affords cardioprotection in infarcted rats. *J Transl Med.* 2023;21:313. PMID [37161563](#)
513. Parreira L, Carmo P, Nunes S, Marinheiro R, Mesquita D, Zubarev S, **Chmelevsky M**, Hitchen R, Ferreira A, Pinho J, Marques L, Chambel D, Amador P, Caria R, Adragão P. Electrocardiographic imaging to guide ablation of ventricular arrhythmias and agreement between two different systems. *J Electrocardiol.* 2023;80:143-50. PMID [37390586](#)
514. Parreira L, Tsyganov A, Artyukhina E, Vernooy K, Tondo C, Adragao P, Ascione C, Carmo P, Carvalho S, Egger M, Ferreira A, Ghossein M, Holm M, Kalinin V, Malakhova M, Meine M, Nunes S, Podolyak D, Revishvili A, Shapieva A, Stepanova V, van Stipdonk A, Taymasova I, Wouters P, Zubarev S, Leyva F, **Auricchio A**, Varma N. Non-invasive three-dimensional electrical activation mapping to predict cardiac resynchronization therapy response: site of latest left ventricular activation relative to pacing site. *Europace.* 2023;25:1458-66. PMID [36857597](#)
515. Pasquali D, Torella A, Grandone A, Luongo C, Morleo M, Peduto C, di Fraia R, Selvaggio LD, Allosso F, Accardo G, Zanobio MT, **Maitz S**, Mariani M, Selicorni A, Banfi S, Nigro V. Patients with DeSanto-Shinawi syndrome: Further extension of phenotype from Italy. *Am J Med Genet A.* 2023;191:823-30. PMID [36420948](#)
516. Patel RB, Reddy VY, Komtebedde J, Wegerich SW, Sekaric J, Swarup V, Walton A, Laurent G, Chetcuti S, Rademann M, Bergmann M, McKenzie S, Bugger H, Bruno RR, Herrmann HC, Nair A, Gupta DK, Lim S, Kapadia S, Gordon R, Vanderheyden M, Noel T, Bailey S, Gertz ZM, Trochu JN, Cutlip DE, Leon MB, Solomon SD, van Veldhuisen DJ, **Auricchio A**, Shah SJ. Atrial Fibrillation Burden and Atrial Shunt Therapy in Heart Failure With Preserved Ejection Fraction. *JACC Heart Fail.* 2023;11:1351-62. PMID [37480877](#)
517. **Patella M**, Brunelli A, Adams L, Cafarotti S, Costardi L, De Leyn P, Decaluwé H, Franks KN, Fuentes M, Jimenez MF, Karri S, Moons J, Novellis P, Ruffini E, Veronesi G, Voulaz E, Shargall Y. A Risk Model to Predict the Delivery of Adjuvant Chemotherapy Following Lung Resection in Patients With Pathologically Positive Lymph Nodes. *Semin Thorac Cardiovasc Surg.* 2023;35:387-98. PMID [35272025](#)
518. **Paul P, Stüssi G**, Bruscaggini A, **Rossi D.** Genetics and epigenetics of CLL. *Leuk Lymphoma.* 2023;64:551-63. PMID [36503384](#)
519. **Pavon AG, Ceriani L, Raditchkova M, Leo LA, Pedrazzini G, Auricchio A, Caporali E.** What is this image? 2023 image 5 result: Role of 18-Fluorodeoxyglucose positron emission tomography and computed tomography in cardiac implanted electronic device infection. *J Nucl Cardiol.* 2023;30:480-3. PMID [36972001](#)
520. **Pavon AG**, Guglielmo M. Carcinoid heart disease: another step into the knowledge of a rare disease. *Heart.* 2023;110:79-80. PMID [37553141](#)
521. **Pavon AG**, Martinez Fernandez R, Arangalage D, **Bergamaschi L**, Maurizi N, Colombier S, Rotman S, Nowacka A, Bouchardy J, Schwitter J, Kirsch M, Monney P, Rutz T. Prevalence of Pericardial Late Gadolinium Enhancement in Patients After Cardiac Surgery: Clinical and Histological Correlations. *Circ Cardiovasc Imaging.* 2023;16:e015606. PMID [37988447](#)
522. Peluso F, Caraffi SG, Contrò G, Valeri L, Napoli M, Carboni G, Seth A, Zuntini R, Coccia E, Astrea G, Bisgaard AM, Ivanovski I, **Maitz S**, Brischoux-Boucher E, Carter MT, Dentici ML, Devriendt K, Bellini M, Digilio MC, Doja A, Dymont DA, Farholt S, Ferreira CR, Wolfe LA, Gahl WA, Gnazzo M, Goel H, Grønberg SW, Hammer T, Iughetti L, Kleefstra T, Koolen DA, Lepri FR, Lemire G, Louro P, McCullagh G, Madoe SF, Milone A, Milone R, Nielsen JEK, Novelli A, Ockeloen CW, Pascarella R, Pippucci T, Ricca I, Robertson SP, Sawyer S, Falkenberg Smeland M, Stegmann S, Stumpel CT, Goel A, Taylor JM, Barbuti D, Soresina A, Bedeschi MF, Battini R, Cavalli A, Fusco C, lascone M, Van Maldergem L, Venkateswaran

- S, Zuffardi O, Vergano S, Garavelli L, Bayat A. Deep phenotyping of the neuroimaging and skeletal features in KBG syndrome: a study of 53 patients and review of the literature. *J Med Genet.* 2023;60:1224-34. PMID [37586838](#)
523. Pérez-Berlanga M, Wiersma VI, Zbinden A, De Vos L, Wagner U, **Foglieni C**, Mallona I, Betz KM, Cléry A, Weber J, Guo Z, Rigort R, de Rossi P, Manglunia R, Tantardini E, Sahadevan S, Stach O, Hruska-Plochan M, Allain FH, **Paganetti P**, Polymenidou M. Loss of TDP-43 oligomerization or RNA binding elicits distinct aggregation patterns. *Embo j.* 2023;42:e111719. PMID [37431963](#)
524. Pernigoni N, Guo C, Gallagher L, Yuan W, Colucci M, Troiani M, Liu L, Maraccani L, Guccini I, Migliorini D, de Bono J, **Alimonti A**. The potential role of the microbiota in prostate cancer pathogenesis and treatment. *Nat Rev Urol.* 2023;20:706-18. PMID [37491512](#)
525. Perucca Orfei C, Boffa A, Sourugeon Y, Laver L, Magalon J, Sánchez M, Tischer T, **Filardo G**, de Girolamo L. Cell-based therapies have disease-modifying effects on osteoarthritis in animal models. A systematic review by the ESSKA Orthobiologic Initiative. Part 1: adipose tissue-derived cell-based injectable therapies. *Knee Surg Sports Traumatol Arthrosc.* 2023;31:641-55. PMID [36104484](#)
526. Pesapane F, Nicosia L, Tantrige P, **Schiaffino S**, Liguori A, Montesano M, Bozzini A, Rotili A, Cellina M, Orsi M, Penco S, Pizzamiglio M, Carrafiello G, Cassano E. Inter-reader agreement of breast magnetic resonance imaging and contrast-enhanced mammography in breast cancer diagnosis: a multi-reader retrospective study. *Breast Cancer Res Treat.* 2023;202:451-9. PMID [37747580](#)
527. **Pescia M**, **Conti M**, **Contratto R**. Persistent Cardioactive Glycosides Intoxication Related to Gastric Phytobezoar of Oleander Leaves. *Eur J Case Rep Intern Med.* 2023;10:003978. PMID [37554479](#)
528. Petranović Ovčariček P, Campenni A, de Keizer B, Deandreis D, Kreissl MC, Vrachimis A, Tuncel M, **Giovanella L**. Molecular Theranostics in Radioiodine-Refractory Differentiated Thyroid Cancer. *Cancers (Basel).* 2023;15:4290. PMID [37686566](#)
529. Petranović Ovčariček P, **Giovanella L**, Vrachimis A. Parathyroid imaging. *Q J Nucl Med Mol Imaging.* 2023;67:93-5. PMID [36748986](#)
530. Petrella F, **Rizzo S**, Attili I, Passaro A, **Zilli T**, **Martucci F**, Bonomo L, **Del Grande F**, Casiraghi M, De Marinis F, Spaggiari L. Stage III Non-Small-Cell Lung Cancer: An Overview of Treatment Options. *Curr Oncol.* 2023;30:3160-75. PMID [36975452](#)
531. Petrella F, **Rizzo S**, Masiero M, Marzorati C, Casiraghi M, Bertolaccini L, Mazzella A, Pravettoni G, Spaggiari L. Clinical impact of vaping on cardiopulmonary function and lung cancer development: an update. *Eur J Cancer Prev.* 2023;32:584-9. PMID [36942844](#)
532. **Petrino R**, Tuunainen E, **Bruzzo G**, Garcia-Castrillo L. Patient safety in emergency departments: a problem for health care systems? An international survey. *Eur J Emerg Med.* 2023;30:280-6. PMID [37226830](#)
533. **Piarulli P**, Vizzardi V, Alberici F, **Riva H**, **Aramini M**, **Regusci L**, **Cippà P**, **Bellasi A**. Peritoneal dialysis discontinuation: to the root of the problem. *J Nephrol.* 2023;36:1763-76. PMID [37747660](#)
534. Picasso R, **Cozzi A**, Picasso V, Zaottini F, Pistoia F, Perissi S, Martinoli C. Immune checkpoint inhibitor-related pneumonitis and COVID-19: a case-matched comparison of CT findings. *Radiol Med.* 2023;128:212-21. PMID [36680711](#)
535. Piccardo A, Fiz F, Bottoni G, Massollo M, Puntoni M, Catrambone U, Foppiani L, Bertagna F, Albano D, **Trimboli P**. The FDG Pattern of Autonomously Functioning Thyroid Nodules Correlates With Thyroid-Stimulating Hormone and Histopathology. *Clin Nucl Med.* 2023;48:119-25. PMID [36260757](#)
536. **Piccinini D**, **Bernasconi E**, **Carelli M**, **Luvini G**, **Di Benedetto C**, **Lucchini GM**, **Barda B**, **Bongiovanni M**. Parvimonas micra a new potential pathogen in hospitalized patients: a case series from 2015-2022. *Eur J Clin Microbiol Infect Dis.* 2023;42:903-6. PMID [37133638](#)
537. **Piccinini D**, **Bernasconi E**, **Di Benedetto C**, **Martinetti Lucchini G**, **Bongiovanni M**. Enterococcus hirae infections in the clinical practice. *Infect Dis (Lond).* 2023;55:71-3. PMID [36121841](#)
538. **Piccinini D**, **Bernasconi E**, **Lucchini GM**, **Benedetto CD**, Colombo G, **Bongiovanni M**. A case of spondylodiscitis by Ureaplasma urealyticum in an immunocompetent adult with spine stabilization. *Int J Infect Dis.* 2023;131:127-9. PMID [36958433](#)
539. **Piciacchia F**, **Auricchio A**, Behr ER, Wilde AAM, **Conte G**. Family History of Sudden Cardiac Death in the Young and Inherited Arrhythmia Syndromes: Awareness and Attitudes of General Practitioners and Private Practice Cardiologists. *Circ Genom Precis Med.* 2023;16:e003913. PMID [36716170](#)
540. **Pinna N**, **Piccoli F**, **Pileggi M**, **Cianfoni A**. The 'corkscrew' sign: an indirect MRI hint for intracranial venous hypertension. *BMJ Case Rep.* 2023;16: e258685. PMID [38160032](#)
541. **Pinton S**, **Vacchi E**, **Chiaro G**, Raimondi A, Tzankov A, **Gerber B**, **Gobbi C**, **Kaelin-Lang A**, **Melli G**. Amyloid detection and typing yield of skin biopsy in systemic amyloidosis and polyneuropathy. *Ann Clin Transl Neurol.* 2023;10:2347-59. PMID [37849451](#)
542. **Piovesana E**, **Magrin C**, Cicaldo M, **Sola M**, Bellotto M, Molinari M, **Papin S**, **Paganetti P**. Tau accumulation in degradative organelles is associated to lysosomal stress. *Sci Rep.* 2023;13:18024. PMID [37865674](#)
543. Pires AS, Bollini S, Botelho MF, Lang-Olip I, Ponsaerts P, **Balbi C**, Lange-Consiglio A, Fénelon M, Mojsilović S, Berishvili E, Cremonesi F, Gazouli M, Bugarski D, Gellhaus A, Kerdjoudj H, Schoeberlein A. Guidelines to Analyze Preclinical Studies Using Perinatal Derivatives. *Methods Protoc.* 2023;6:45. PMID [37218905](#)
544. **Piroso MC**, **Esposito F**, **Raia G**, **Chianca V**, **Cozzi A**, **Ruinelli L**, **Ceriani L**, **Zucca E**, **Del Grande F**, **Rizzo S**. CT-based body composition in diffuse large B cell lymphoma patients: changes after treatment and association with survival. *Radiol Med.* 2023;128:1497-507. PMID [37752299](#)

545. **Pirosa MC**, Peccatori FA. Lymphomas in pregnancy. *Hematol Oncol*. 2023;41 Suppl 1:70-4. PMID [37294956](#)
546. **Pirosa MC**, Sassone M, Kiesewetter B, Guillermo AL, Devizzi L, Domènech ED, Tucci A, Mannina D, Merli M, Salar A, Visco C, **Esposito F**, Bonomini L, **Zucca E**, Ferreri AJM, Raderer M. IELSG40/CLEO phase II trial of clarithromycin and lenalidomide in relapsed/refractory extranodal marginal zone lymphoma. *Haematologica*. 2023;108:1671-5. PMID [36546422](#)
547. Pirson L, Lüer SC, Diezi M, Kroiss S, **Brazzola P**, Schilling FH, von der Weid N, Scheinemann K, Greiner J, Zuzak TJ, von Bueren AO. Pediatric oncologists' perspectives on the use of complementary medicine in pediatric cancer patients in Switzerland: A national survey-based cross-sectional study. *Cancer Rep (Hoboken)*. 2023;6:e1649. PMID [35699504](#)
548. Piticchio T, Frasca F, Malandrino P, **Trimboli P**, Carrubba N, Tumminia A, Vinciguerra F, Frittitta L. Effect of gluten-free diet on autoimmune thyroiditis progression in patients with no symptoms or histology of celiac disease: a meta-analysis. *Front Endocrinol (Lausanne)*. 2023;14:1200372. PMID [37554764](#)
549. Piticchio T, Frasca F, **Trimboli P**. Prevalence and significance of indeterminate calcitonin values in patients with thyroid nodules: A systematic review and meta-analysis. *Rev Endocr Metab Disord*. 2023;24:685-94. PMID [37254023](#)
550. Pizzimenti C, Fiorentino V, Ieni A, Rossi ED, Germanà E, **Giovanella L**, Lentini M, Alessi Y, Tuccari G, Campenni A, Martini M, Fadda G. BRAF-AXL-PD-L1 Signaling Axis as a Possible Biological Marker for RAI Treatment in the Thyroid Cancer ATA Intermediate Risk Category. *Int J Mol Sci*. 2023;24:10024. PMID [37373171](#)
551. Pohle S, Guler SA, Hostettler KE, Clarenbach C, Fellrath JM, Azzola A, Adler D, Scholtze D, Pavlov N, Ulrich S, **Györik S**, Schoch OD, Baty F, Funke-Chambour M, Brutsche M. Swiss Hypersensitivity Pneumonitis Exposure Questionnaire: A Regionally Adapted and Easy-To-Use Aide for Patients and Clinicians. *Respiration*. 2023;102:465-8. PMID [37088078](#)
552. **Pompei B**, Grufman V, Zoccali G, Farhadi J. Breast implant reverse surgery: A step-by-step approach. *J Plast Reconstr Aesthet Surg*. 2023;82:200-8. PMID [37186975](#)
553. Pomykala KL, Hadaschik BA, Sartor O, **Gillessen S**, Sweeney CJ, Maughan T, Hofman MS, Herrmann K. Next generation radiotheranostics promoting precision medicine. *Ann Oncol*. 2023;34:507-19. PMID [36924989](#)
554. Pons N, Fernández-Eulate G, Pegat A, Théaudin M, Guieu R, **Ripellino P**, Devedjian M, Mace P, Masingue M, Léonard-Louis S, Petiot P, Roche P, Bernard E, Bouhour F, Good JM, Verschueren A, Grapperon AM, Salort E, Grosset A, Chanson JB, Nadaj-Pakleza A, Bédard-Millet AL, Choumert A, Barnier A, Hamdi G, Lesca G, Prieur F, Bruneel A, Latour P, Stojkovic T, Attarian S, Bonello-Palot N. SORD-related peripheral neuropathy in a French and Swiss cohort: Clinical features, genetic analyses, and sorbitol dosages. *Eur J Neurol*. 2023;30:2001-11. PMID [36943151](#)
555. **Ponti L**, **Gabutti L**, **Faré PB**, Janett S, Bianchetti MG, Schulz PJ, Lava SAG, Agostoni C, Milani GP. Vitamin D Supply of Multivitamins Commercialized Online by Amazon in Western and Southern Europe: A Labeling Analysis. *Nutrients*. 2023;15:326. PMID [36678197](#)
556. **Popeskou SG**, **Bernardi L**, **Christoforidis D**. Intracorporeal IPAA After Fully Laparoscopic Total Proctocolectomy With Transanal Specimen Extraction. *Dis Colon Rectum*. 2023;66:e843-e5. PMID [37134218](#)
557. **Popeskou SG**, **Bernardi L**, **Christoforidis D**. Laparoscopic Complete Mesocolic Excision With Vascular Anatomy. *Dis Colon Rectum*. 2023;66:e299-e300. PMID [36856673](#)
558. Positano V, **Ferrari E**, Chen S, Celi S. Editorial: Applications of 3D printing in cardiovascular medicine. *Front Cardiovasc Med*. 2023;10:1314071. PMID [37937283](#)
559. Pozza S, **Speciale D**, Grape S, van Kuijk SMJ, Brull SJ, **Czarnetzki C**. Validity and Tolerability of Awake Calibration of an Accelerometer Neuromuscular Monitor. *Anesthesiology*. 2023;138:114-6. PMID [36286614](#)
560. **Pozzoli A**, **Gabriella Surace G**, **Torre T**, **Bagnato P**, **Gallo M**, **Toto F**, **Ferrari E**, **Demertzis S**. del Nido versus hematic cardioplegia in minimally invasive aortic valve surgery. *Asian Cardiovasc Thorac Ann*. 2023;31:795-801. PMID [37876227](#)
561. Pozzoli A, **Torre T**, **Toto F**, **Biroova S**, **Carletta D**, **Ferrari E**, **Demertzis S**. Cardiac surgery simulation - part 2: Step-by-step Conno operation in a preclinical model. *Multimed Man Cardiothorac Surg*. 2023;2023. PMID [37934088](#)
562. **Pozzoli A**, **Zurfluh C**, Schulz P, Bianchi M, **Giuffrida S**, **Crivelli D**, **Torre T**, **Ferrari E**, **Demertzis S**. Digital interprofessional communication with families in a cardiac surgery unit: insights from the pandemic. *Front Cardiovasc Med*. 2023;10:1165287. PMID [37424924](#)
563. **Preda T**, **Nafi M**, **Villa M**, **Cassina T**. Traumatic injuries after manual and automatic mechanical compression during cardiopulmonary resuscitation, a retrospective cohort study. *Resusc Plus*. 2023;16:100465. PMID [37711684](#)
564. **Prouse G**, **Robaldo A**, **van den Berg JC**, **Ettore L**, **Mongelli F**, **Giovannacci L**. Impact of Multidisciplinary Team Meetings on Decision Making in Vascular Surgery: A Prospective Observational Study. *Eur J Vasc Endovasc Surg*. 2023;66:130-5. PMID [36972815](#)
565. **Quagliana A**, Montarello NJ, Vanhaverbeke M, Willemen Y, Campens L, Sondergaard L, De Backer O. Orbital atherectomy to facilitate transfemoral transcatheter aortic valve implantation in patients with calcified iliofemoral arteries: a case series. *Eur Heart J Case Rep*. 2023;7:ytad310. PMID [37501711](#)
566. **Quagliana A**, Montarello NJ, Willemen Y, Bække PS, Jørgensen TH, De Backer O, Sondergaard L. Commissural Alignment and Coronary Access after Transcatheter Aortic Valve Replacement. *J Clin Med*. 2023;12:2136. PMID [36983139](#)
567. **Quarenghi M**, **Giana A**, Turri Quarenghi R, **Volonté F**. Sleeve gastrectomy is feasible in obese patients with phenylketonuria: A case report and literature review. *Int J Surg Case Rep*. 2023;109:108458. PMID [37437324](#)

568. Radovanovic D, Muggli F, Bianchetti M, **Gallino A**, Parati G, Suter PM, Schoenenberger-Berzins R, Erne P, Schoenenberger AW. Comparison of office, home and ambulatory blood pressure measurements in hypertensive and suspected hypertensive SWICOS participants. *Blood Press.* 2023;32:2234496. PMID [37452435](#)
569. **Raia G, Del Grande M, Colombo I, Nerone M, Manganaro L, Gasparri ML, Papadia A, Del Grande F, Rizzo S.** Whole-Body Composition Features by Computed Tomography in Ovarian Cancer: Pilot Data on Survival Correlations. *Cancers (Basel).* 2023;15:2602. PMID [37174067](#)
570. Raimondi R, D'Esposito F, Sorrentino T, Tsoutsanis P, De Rosa FP, Stradiotto E, Barone G, **Rizzato A**, Allegrini D, Costagliola C, Romano MR. How to Set Up Genetic Counselling for Inherited Macular Dystrophies: Focus on Genetic Characterization. *Int J Mol Sci.* 2023;24:9722. PMID [37298674](#)
571. Rampi A, Tanzini U, Vinciguerra A, Danè G, Moroni L, Yacoub MR, **Trimarchi M.** Early increase in eosinophil count may predict long-term hypereosinophilia during dupilumab treatment: a 2-year observational study. *Int Forum Allergy Rhinol.* 2023;13:2244-7. PMID [37316962](#)
572. Raschellà F, Scafa S, Puiatti A, Martin Moraud E, **Ratti PL.** Actigraphy Enables Home Screening of Rapid Eye Movement Behavior Disorder in Parkinson's Disease. *Ann Neurol.* 2023;93:317-29. PMID [36193943](#)
573. Rauck RL, Loudermilk E, Thomson SJ, Paz-Solis JF, Bojrab L, Noles J, Vesper J, Atallah J, Roth D, Hegarty J, Prud'Homme M, Phillips GM, Smith SG, Ibrahim M, Willoughby CD, Obay JB, Gupta M, Paez J, Berg AP, Harrison NJ, **Maino P**, Mambalam P, McCarty M, Towleron G, Love-Jones S, Ahmed S, Lee A, Shah B, Goor-Aryeh I, Russo MA, Varela N, Phelps JB, Cid J, Fernandez T, Pérez-Hernández C, Keehn D, Rosenow JM, Haider N, Parrent AG, Lawrence MM, Georgius P, Demartini L, Mendiola A, Mehta V, Thoma R, Israel AF, Carolis G, Bhatia S, Green M, Villarreal A, Crooks MT, Gwinn RP, Pilitsis JG, Sato H, Vega SM, Hillegass MG, Carnes P, Scherer C, Brill S, Yu J, Brennan JJ, Gatzinsky K, Navani A, Snook LT, Jr., Bujedo BM, Andrés Ares J, Murillo A, Trobridge AT, Assil K, Shah J, McLeod C, Buwembo J, Coster O, Miller N, Sanapati M, Mikhael M, Przkora R, Sukenaga N, Raso LJ, Calodney AK, Cáceres Jerez LE, Uchiyama T, Kallewaard JW, Chandler B, Piedimonte F, Candido KD, Weaver TE, Agari T, Holthouse D, Woon R, Patel N, Lechleiter K, Jain R. Long-term safety of spinal cord stimulation systems in a prospective, global registry of patients with chronic pain. *Pain Manag.* 2023;13:115-27. PMID [36691862](#)
574. Reale D, **Feltri P**, Franceschini M, de Girolamo L, Laver L, Magalon J, Sanchez M, Tischer T, **Filardo G.** Biological intra-articular augmentation for osteotomy in knee osteoarthritis: strategies and results : A systematic review of the literature from the ESSKA Orthobiologics Initiative. *Knee Surg Sports Traumatol Arthrosc.* 2023;31:4327-46. PMID [37330935](#)
575. **Regoli FD, Cattaneo M, Kola F, Thartori A, Bytyci H, Saccarello L, Amoroso M, Di Valentino M, Menafoglio A.** Management of hemodynamically stable wide QRS complex tachycardia in patients with implantable cardioverter defibrillators. *Front Cardiovasc Med.* 2022;9:1011619. PMID [36684577](#)
576. **Regoli FD, Saguner AM, Auricchio A, Demarchi A, Pasotti E, Conte G, Caputo ML, Özkartal T, Breitenstein A.** Peri-Procedural Management of Direct-Acting Oral Anticoagulants (DOACs) in Transcatheter Miniaturized Leadless Pacemaker Implantation. *J Clin Med.* 2023;12:4814. PMID [37510929](#)
577. Reid G, Gehweiler J, Thieringer F, Eckstein F, **Ferrari E**, Gahl B, Berdajs DA. Planning of graft size and 3D reconstruction using virtual reality technique in aortic valve reimplantation. *Front Cardiovasc Med.* 2022;9:1064617. PMID [36712278](#)
578. Ribì K, Pagan E, Sala I, Ruggeri M, Bianco N, Bucci EO, **Graffeo R**, Borner M, Giordano M, Gianni L, Rabaglio M, Freschi A, Cretella E, Seles E, Farolfi A, Simoncini E, Ciccacese M, Rauch D, Favaretto A, Glaus A, Berardi R, Franzetti-Pellanda A, Bagnardi V, Gelber S, Partridge AH, Goldhirsch A, Pagani O. Employment trajectories of young women with breast cancer: an ongoing prospective cohort study in Italy and Switzerland. *J Cancer Surviv.* 2023;17:1847-58. PMID [35689003](#)
579. **Riccardi S, Ferri R, Garbazza C, Miano S, Manconi M.** Pharmacological responsiveness of periodic limb movements in patients with restless legs syndrome: a systematic review and meta-analysis. *J Clin Sleep Med.* 2023;19:811-22. PMID [36692194](#)
580. Ridolfi A, Conti L, Brucale M, Frigerio R, Cardellini J, Musicò A, Romano M, Zandrini A, Polito L, Bergamaschi G, Gori A, Montis C, **Panella S, Barile L**, Berti D, Radeghieri A, Bergese P, Cretich M, Valle F. Particle profiling of EV-lipoprotein mixtures by AFM nanomechanical imaging. *J Extracell Vesicles.* 2023;12:e12349. PMID [37855042](#)
581. **Riegger M, Habib N, Testa EA, Müller J, Guidi M, Candrian C.** The modified Lapidus fusion: a systematic review of biomechanical studies. *EFORT Open Rev.* 2023;8:162-74. PMID [37097047](#)
582. **Riegger M, Le H, van Kuijk SMJ, Guyenes G, Candrian C, Cianfoni A, Hirsch JA, Koetsier E.** Intradiscal Glucocorticoid Injection in Discogenic Back Pain and Influence on Modic Changes: A Systematic Review and Meta-analysis of RCTs. *Pain Physician.* 2023;26:E449-e65. PMID [37774181](#)
583. Rinaldi L, Guerini Rocco E, Spitaleri G, Raimondi S, Attili I, Ranghiero A, Cammarata G, Minotti M, Lo Presti G, De Piano F, Bellerba F, Funicelli G, Volpe S, Mora S, Fodor C, Rampinelli C, Barberis M, De Marinis F, Jereczek-Fossa BA, Orecchia R, **Rizzo S, Botta F.** Association between Contrast-Enhanced Computed Tomography Radiomic Features, Genomic Alterations and Prognosis in Advanced Lung Adenocarcinoma Patients. *Cancers (Basel).* 2023;15:4553. PMID [37760521](#)
584. Rizzo A, Miceli A, Racca M, Bauckneht M, Morbelli S, Albano D, Dondi F, Bertagna F, Galizia D, **Muoio B, Annunziata S, Treglia G.** Diagnostic

- Accuracy of [(68)Ga]Ga Labeled Fibroblast-Activation Protein Inhibitors in Detecting Head and Neck Cancer Lesions Using Positron Emission Tomography: A Systematic Review and a Meta-Analysis. *Pharmaceuticals (Basel)*. 2023;16:1664. PMID [38139791](#)
585. Rizzo A, Racca M, Dall'Armellina S, Delgado Bolton RC, Albano D, Dondi F, Bertagna F, Annunziata S, **Treglia G**. Potential Role of PSMA-Targeted PET in Thyroid Malignant Disease: A Systematic Review. *Diagnostics (Basel)*. 2023;13:564. PMID [36766670](#)
586. Rizzo A, Racca M, Dall'Armellina S, Rescigno P, Banna GL, Albano D, Dondi F, Bertagna F, Annunziata S, **Treglia G**. The Emerging Role of PET/CT with PSMA-Targeting Radiopharmaceuticals in Clear Cell Renal Cancer: An Updated Systematic Review. *Cancers (Basel)*. 2023;15:355. PMID [36672305](#)
587. Rizzo A, Racca M, Garrou F, Fenocchio E, Pellegrino L, Albano D, Dondi F, Bertagna F, Annunziata S, **Treglia G**. Diagnostic Performance of Positron Emission Tomography with Fibroblast-Activating Protein Inhibitors in Gastric Cancer: A Systematic Review and Meta-Analysis. *Int J Mol Sci*. 2023;24:10136. PMID [37373285](#)
588. **Rizzo S**, Cozzi A, Dolciami M, **Del Grande F**, **Scarano AL**, **Papadia A**, Gui B, Gandolfo N, Catalano C, Manganaro L. O-RADS MRI: A Systematic Review and Meta-Analysis of Diagnostic Performance and Category-wise Malignancy Rates. *Radiology*. 2023;307:e220795. PMID [36413127](#)
589. **Roberto M**, Hoepli A, **Cattaneo M**, Radovanovic D, Rickli H, Erne P, **Pedrazzini GB**, **Mocchetti M**. Patients With AMI and Severely Reduced LVEF, a Well-Defined, Still Extremely Vulnerable Population (Insights from AMIS Plus Registry). *Am J Cardiol*. 2023;200:190-201. PMID [37348272](#)
590. Robin P, Barnabei L, Marocco S, Pagnoncelli J, Nicolis D, Tarantelli C, Tavilla AC, Robortella R, Cascione L, Mayoraz L, Journot CMA, Mensi M, **Bertoni F**, Stefanini I, Gerber-Lemaire S. A DNA biosensors-based microfluidic platform for attomolar real-time detection of unamplified SARS-CoV-2 virus. *Biosens Bioelectron X*. 2023;13:100302. PMID [36589921](#)
591. Rocca MA, Valsasina P, Meani A, **Gobbi C**, **Zecca C**, Barkhof F, Schoonheim MM, Strijbis EM, Vrenken H, Gallo A, Bisecco A, Ciccarelli O, Yiannakas M, Rovira A, Sastre-Garriga J, Palace J, Matthews L, Gass A, Eisele P, Lukas C, Bellenberg B, Margoni M, Preziosa P, Filippi M. Spinal cord lesions and brain grey matter atrophy independently predict clinical worsening in definite multiple sclerosis: a 5-year, multicentre study. *J Neurol Neurosurg Psychiatry*. 2023;94:10-8. PMID [36171105](#)
592. Roesel R, **Bernardi L**, Bonino MA, **Popeskou SG**, **Garofalo F**, **Cristaudi A**. Minimally-invasive versus open pancreatic enucleation: systematic review and metanalysis of short-term outcomes. *HPB (Oxford)*. 2023;25:603-13. PMID [36958987](#)
593. **Roesel R**, **Deantonio L**, **Bernardi L**, Garo ML, **Majno-Hurst P**, Vannelli A, **Cefali M**, **Palmarocchi MC**, **Valli MC**, **Pesola G**, **Cristaudi A**, **De Dosso S**. Neo-Adjuvant Treatment in Primary Resectable Pancreatic Cancer: A Systematic Review and PRISMA-Compliant Updated Metanalysis of Oncological Outcomes. *Cancers (Basel)*. 2023;15:4627. PMID [37760596](#)
594. Roethlisberger M, Aghlmandi S, Rychen J, Chiappini A, Zumofen DW, Bawarjan S, Stienen MN, Fung C, D'Alonzo D, Maldaner N, Steinsiepe VK, Corniola MV, Goldberg J, **Cianfoni A**, **Robert T**, Maduri R, Saliou G, Starnoni D, Weber J, Seule MA, Gralla J, Bervini D, Kulcsar Z, Burkhardt JK, Bozinov O, Remonda L, Marbacher S, Lövblad KO, Psychogios M, Bucher HC, Mariani L, Bijlenga P, Blackham KA, Guzman R. Impact of Very Small Aneurysm Size and Anterior Communicating Segment Location on Outcome after Aneurysmal Subarachnoid Hemorrhage. *Neurosurgery*. 2023;92:370-81. PMID [36469672](#)
595. Rognoni C, Segantin G, Scarsini R, **Valgimigli M**, **Loizzi F**, Costa F, Armeni P. Cost-effectiveness analysis of pressure-controlled intermittent coronary sinus occlusion in elective percutaneous coronary intervention. *Expert Rev Pharmacoecon Outcomes Res*. 2023;23:1101-11. PMID [37589294](#)
596. **Romano I**, **Condoluci A**, **Rossi D**. SOHO State of the Art Updates and Next Questions | Treatment of Richter's Transformation. *Clin Lymphoma Myeloma Leuk*. 2023;23:786-99. PMID [37586917](#)
597. Rosa F, Martinetti C, Magnaldi S, **Rizzo S**, Manganaro L, Migone S, Ardoino S, Schettini D, Marchiolè P, Ragusa T, Gandolfo N. Uterine mesenchymal tumors: development and preliminary results of a magnetic resonance imaging (MRI) diagnostic algorithm. *Radiol Med*. 2023;128:853-68. PMID [37311925](#)
598. Rossi A, Aimar G, Audisio M, Bungaro M, Caglio A, Di Liello R, Gamba T, Gargiulo P, Ghisoni E, Lombardi P, Marandino L, Mariniello A, Paratore C, Reale ML, Trastu F, Tuninetti V, **Turco F**, Fabi A, Perrone F, Di Maio M. Analysis of the adequacy of control arms in oncology randomised clinical trials published between 2017 and 2021: a meta-research study. *Eur J Cancer*. 2023;189:112920. PMID [37277262](#)
599. **Rossi L**, Meani F, Longhitano C, Carciotto R, Lanzafame K, Inzerilli N, Vigneri P. The optimal timing between neoadjuvant therapy and surgery of breast cancer: A brief systematic review of the literature. *Crit Rev Oncol Hematol*. 2023;183:103921. PMID [36746358](#)
600. **Rossi S**, **Prodi E**, Morese R, **Paone G**, **Ruberto T**, **Sacco L**. Persistent 18F-FDG Brain PET Fronto-Temporal Hypometabolism and Cognitive Symptoms Two Years after SARS-CoV-2 Infection: A Case Report. *Neurol Int*. 2023;15:908-16. PMID [37606391](#)
601. Rosso C, Morrey ME, Schär MO, Grezda K, Swiss Orthopaedics Shoulder Elbow and Expert Group; Swiss Orthopaedics Shoulder and Elbow Expert Group (**Candrian C**). The role of platelet-rich plasma in shoulder pathologies: a critical review of the literature. *EFORT Open Rev*. 2023;8:213-22. PMID [37097022](#)
602. Rothe T, von Garnier C, Bridevaux PO, Charbonnier F, Clarenbach C, **Gianella P**, Jochmann A, Kern L, Nikolay P, Steurer-Stey C, Leuppi JD. The clinical features of asthma exacerbations in early-onset

- and eosinophilic late-onset asthma may differ significantly. *Respir Med*. 2023;206:107067. PMID [36563609](#)
603. Rovó A, Gavillet M, Drexler B, Keller P, Schneider JS, Colucci G, Beauverd Y, van Dorland HA, Pollak M, Schmidt A, **De Gottardi A**, Bissig M, Lehmann T, Duchosal MA, Zeerleder S. Swiss Survey on current practices and opinions on clinical constellations triggering the search for PNH clones. *Front Med (Lausanne)*. 2023;10:1200431. PMID [37564039](#)
604. **Ruberti A**, Kremer Hovinga JA, **Nappi F**, **Vettese A**, **Bianchi E**, **Fernandes E**, **Galfetti E**, **Monotti R**, **Paul P**, **Regazzoni S**, Valente D, **Rossi D**, **Stussi G**, **Gerber B**. Acquired haemophilia A in southern Switzerland from 2013 to 2019: a case series. *Swiss Med Wkly*. 2023;153:40048. PMID [37021783](#)
605. **Ruffino MA**, Konings TJ, Mees BM. Evolution of the covered endovascular reconstruction of the aortic bifurcation technique for complex aortoiliac occlusive disease. *J Cardiovasc Surg (Torino)*. 2023;64:382-8. PMID [37401818](#)
606. Ruffolo AF, Serati M, Casiraghi A, Benini V, Scancarello C, Di Dedda MC, Garbagnati C, **Braga A**, Candiani M, Salvatore S. The Impact of Systemic Sclerosis on Sexual Health: An Italian Survey. *Healthcare (Basel)*. 2023;11:2346. PMID [37628543](#)
607. Ruiz-Riquelme P, Poggio-Cano D, Sala-Blanch X, Cuéllar Bernal D, Baduell A, Garcia-Elvira R, **Testa EA**. Ultrasound evaluation of a new surface reference line to describe sural nerve location and safe zones to consider in posterior leg approaches. *Knee Surg Sports Traumatol Arthrosc*. 2023;31:2216-25. PMID [36571617](#)
608. Russo G, Badano LP, Adamo M, Alessandrini H, Andreas M, Braun D, Connelly KA, Denti P, Estevez-Loureiro R, Fam N, Gavazzoni M, Hahn RT, Harr C, Hausleiter J, Himbert D, Kalbacher D, Ho E, Latib A, Lubos E, Ludwig S, Lurz P, Monivas V, Nickenig G, Pedicino D, **Pedrazzini G**, **Pozzoli A**, Pires Marafon D, Pastorino R, Praz F, Rodes-Cabau J, Besler C, Schofer J, Scotti A, Piayda K, Sievert H, Tang GHL, Thiele H, Schlotter F, von Bardeleben RS, Webb J, Windecker S, Leon M, Maisano F, Metra M, Taramasso M. Characteristics and outcomes of patients with atrial versus ventricular secondary tricuspid regurgitation undergoing tricuspid transcatheter edge-to-edge repair - Results from the TriValve registry. *Eur J Heart Fail*. 2023;25:2243-51. PMID [37905381](#)
609. Russo V, Caturano A, Guerra F, Migliore F, Mascia G, Rossi A, Nesti M, Santobuono VE, Attena E, Tola G, Sciarra L, **Conte G**, Paoletti Perini A, Francia P, Dendramis G, Palamà Z, Albani S, Ottonelli Ghidini A, Calò L, D'Onofrio A, Baldi E. Subcutaneous versus transvenous implantable cardioverter-defibrillator among drug-induced type-1 ECG pattern Brugada syndrome: a propensity score matching analysis from IBRYD study. *Heart Vessels*. 2023;38:680-8. PMID [36418560](#)
610. **Sacco L**, **Ceroni M**, **Pacifico D**, **Zerboni G**, **Rossi S**, **Galati S**, **Caverzasio S**, **Kaelin-Lang A**, **Riccitelli GC**. Transcranial Magnetic Stimulation Improves Executive Functioning through Modulation of Social Cognitive Networks in Patients with Mild Cognitive Impairment: Preliminary Results. *Diagnostics (Basel)*. 2023;13:415. PMID [36766520](#)
611. **Sacco L**, **Morellini L**, Cerami C. Editorial: The diagnosis and the therapy of social cognition deficits in adults affected by ADHD and MCI. *Front Neurol*. 2023;14:1162510. PMID [36937525](#)
612. Sacco M, Gandaglia G, Aas K, Ceci F, Chiu P, Fankhauser CD, Fournier G, Heiddeger I, Kasivisvanathan V, Kesch C, Maggi M, Martini A, Olivier J, Ploussard G, Preisser F, Puche-Sanz I, Rajwa P, Soeterik T, Thibault C, Valerio M, van den Bergh RCN, Zattoni F, Rivas JG, Moschini M, **Gillessen S**, Bossi A, Gontero P, Marra G. The Changing Face of cNOMO Prostate Cancer Being Found With pN+ After Surgery in the Contemporary Era: Results of an International European Survey on Disease Management. *Clin Genitourin Cancer*. 2023;21:416.e1-.e10. PMID [36609130](#)
613. Saglietti F, **Girombelli A**, Marelli S, Vetrone F, Balzanelli MG, Tabaei Damavandi P. Role of Magnesium in the Intensive Care Unit and Immunomodulation: A Literature Review. *Vaccines (Basel)*. 2023;11:1122. PMID [37376511](#)
614. **Salfi G**. A Unifying Theory for Idiopathic Nephrotic Syndrome Pathogenesis? *J Immunol*. 2023;211:1441. PMID [37931212](#)
615. Salmanton-García J, Marchesi F, Gomes da Silva M, Farina F, Dávila-Valls J, Bilgin YM, Glenthøj A, Falces-Romero I, Van Doesum J, Labrador J, Buquicchio C, El-Ashwah S, Petzer V, Van Praet J, Schönlein M, Dargenio M, Méndez GA, Meers S, Itri F, Giordano A, Pinczés LI, Espigado I, Stojanoski Z, López-García A, Prezioso L, Jaksic O, Vena A, Fracchiolla NS, González-López TJ, Colović N, Delia M, Weinbergerová B, Marchetti M, **Marques de Almeida J**, Finizio O, Besson C, Biernat MM, Valković T, Lahmer T, Cuccaro A, Ormazabal-Vélez I, Batinic J, Fernández N, De Jonge N, Tascini C, Anastasopoulou AN, Duléry R, Del Principe MI, Plantefève G, Papa MV, Nucci M, Jiménez M, Aujayeb A, Hernández-Rivas J, Merelli M, Cattaneo C, Blennow O, Nordlander A, Cabirta A, Varricchio G, Sacchi MV, Cordoba R, Arellano E, Gräfe SK, Wolf D, Emarah Z, Ammatuna E, Hersby DS, Martín-Pérez S, Nunes Rodrigues R, Rahimli L, Pagano L, Cornely OA. Nirmatrelvir/ritonavir in COVID-19 patients with haematological malignancies: a report from the EPICOVIDEHA registry. *EClinicalMedicine*. 2023;58:101939. PMID [37041967](#)
616. Sanak L, Kamm CP, Chan A, Stanikić M, Manjaly ZM, **Zecca C**, Calabrese P, von Wyl V. Factors associated with material deprivation in persons with multiple sclerosis in Switzerland: Cross-sectional data from the Swiss Multiple Sclerosis Registry. *Mult Scler Relat Disord*. 2023;69:104438. PMID [36495844](#)
617. Sandner S, Misfeld M, Caliskan E, Böning A, Aramendi J, Salzberg SP, Choi YH, Perrault LP, Tekin I, Cuerpo GP, Lopez-Menendez J, Weltert LP, Böhm J, Krane M, González-Santos JM, Tellez JC, Holubec T, **Ferrari E**, Doros G, Vitarello CJ, Emmert MY. Clinical outcomes and quality of life after contemporary isolated coronary bypass

- grafting: a prospective cohort study. *Int J Surg.* 2023;109:707-15. PMID [36912566](#)
618. **Sangiorgio A, Oldrini LM, Candrian C, Errani C, Filardo G.** Answer to the Letter to the Editor of A. Takata, et al. concerning "Radiofrequency ablation is as safe and effective as surgical excision for spinal osteoid osteoma: a systematic review and meta-analysis" by Sangiorgio A, et al. [*Eur Spine J* (2023): doi:10.1007/s00586-022-07411-8]. *Eur Spine J.* 2023;32:1481-2. PMID [36856869](#)
619. **Sangiorgio A, Oldrini LM, Candrian C, Errani C, Filardo G.** Radiofrequency ablation is as safe and effective as surgical excision for spinal osteoid osteoma: a systematic review and meta-analysis. *Eur Spine J.* 2023;32:210-20. PMID [36214895](#)
620. **Sansalone A, Vicari R, Orlando F, Dell'Avo A, Giuffrida S, Deelen P, Bernasconi S, Villa M.** Needle-free connectors to prevent central venous catheter occlusion at a tertiary cardiac center: A prospective before and after intervention study. *J Vasc Access.* 2023;24:475-82. PMID [34396802](#)
621. Sanz-Sanchez J, Garcia-Garcia HM, Branca M, Frigoli E, Leonardi S, Gagnor A, Calabrò P, Garducci S, Rubartelli P, Briguori C, Andò G, Repetto A, Limbruno U, Garbo R, Sganzerla P, Russo F, Lupi A, Cortese B, Ausiello A, Ierna S, Esposito G, Santarelli A, Sardella G, Varbella F, Tresoldi S, de Cesare N, Rigattieri S, Zingarelli A, Tosi P, van 't Hof A, Boccuzzi G, Omerovic E, Sabaté M, Heg D, Vranckx P, **Valgimigli M.** Coronary calcification in patients presenting with acute coronary syndromes: insights from the MATRIX trial. *Eur Heart J Acute Cardiovasc Care.* 2023;12:782-91. PMID [37812760](#)
622. Saponaro M, Flottmann S, Eckstein M, Hommerding O, Klümper N, Corvino D, Hosni S, Schmidt A, Mönig N, Schmidt D, Ellinger J, Toma M, Kristiansen G, Bald T, **Alimonti A, Ritter M, Hölzel M, Alajati A.** CDCP1 expression is frequently increased in aggressive urothelial carcinoma and promotes urothelial tumor progression. *Sci Rep.* 2023;13:73. PMID [36593286](#)
623. **Saporito A, La Regina D, Perren A, Gabutti L, Anselmi L, Cafarotti S, Mongelli F.** Contribution margin per hour of operating room to reallocate unutilized operating room time: a cost-effectiveness analysis. *Braz J Anesthesiol.* 2023;73:243-9. PMID [33930345](#)
624. **Saporito A, Tassone C, Di Iorio A, Barbieri Saraceno M, Bressan A, Pini R, Mongelli F, La Regina D.** Six Sigma can significantly reduce costs of poor quality of the surgical instruments sterilization process and improve surgeon and operating room personnel satisfaction. *Sci Rep.* 2023;13:14116. PMID [37644121](#)
625. Sarkis R, Burri O, Royer-Chardon C, Schyrr F, Blum S, Costanza M, Cherix S, Piazzon N, Barcena C, Bisig B, Nardi V, **Sarro R, Ambrosini G, Weigert M, Spertini O, Blum S, Deplancke B, Seitz A, de Leval L, Naveiras O.** MarrowQuant 2.0: A Digital Pathology Workflow Assisting Bone Marrow Evaluation in Experimental and Clinical Hematology. *Mod Pathol.* 2023;36:100088. PMID [36788087](#)
626. Sasaki H, Hirose T, Oura T, Otsuka R, Rosales I, Ma D, Lassiter G, Karadagi A, Tomosugi T, Dehnadi A, Matsunami M, Raju Paul S, Reeves PM, Hanekamp I, Schwartz S, Colvin RB, Lee H, Spitzer TR, Cosimi AB, **Cippà PE, Fehr T, Kawai T.** Selective Bcl-2 inhibition promotes hematopoietic chimerism and allograft tolerance without myelosuppression in nonhuman primates. *Sci Transl Med.* 2023;15:eadd5318. PMID [37018417](#)
627. Sava M, Bättig V, Gerull S, Passweg JR, Khanna N, Garzoni C, **Gerber B, Mueller NJ, Schanz U, Berger C, Chalandon Y, van Delden C, Neofytos D, Stampf S, Franzeck FC, Weisser M.** Bloodstream infections in allogeneic haematopoietic cell recipients from the Swiss Transplant Cohort Study: trends of causative pathogens and resistance rates. *Bone Marrow Transplant.* 2023;58:115-8. PMID [36310245](#)
628. Savastano S, Baldi E, Schnaubelt S, **Auricchio A.** Post resuscitation ST-segment elevation: When a few minutes make the difference between a class I and a class III indication for immediate coronary angiography. *Resuscitation.* 2023;192:109971. PMID [37730098](#)
629. Scappaticcio L, Ansori ANM, **Trimboli P.** Editorial: Cancer-related hypercalcemia and potential treatments. *Front Endocrinol (Lausanne).* 2023;14:1281731. PMID [37780626](#)
630. **Scarabel L, Scarpina F, Ruggieri G, Schiavone N, Limoni C.** Predicting Falls in Musculoskeletal Rehabilitation: A Retrospective Multisite Study. *Healthcare (Basel).* 2023;11:2805. PMID [37893879](#)
631. **Scarone P, Van Santbrink W, Koetsier E, Smeets A, Van Santbrink H, Peters ML.** The effect of perioperative psychological interventions on persistent pain, disability, and quality of life in patients undergoing spinal fusion: a systematic review. *Eur Spine J.* 2023;32:271-88. PMID [36427089](#)
632. Schachner T, Gottardi R, Schmidli J, Wyss TR, **Van Den Berg JC, Tsilimparis N, Bavaria J, Bertoglio L, Martens A, Czerny M.** Practice of neuromonitoring in open and endovascular thoracoabdominal aortic repair-an international expert-based modified Delphi consensus study. *Eur J Cardiothorac Surg.* 2023;63: ezad198. PMID [37252816](#)
633. **Schiaffino S, Cozzi A, Pompei B, Scarano AL, Catanese C, Catic A, Rossi L, Del Grande F, Harder Y.** MRI-Conditional Breast Tissue Expander: First In-Human Multi-Case Assessment of MRI-Related Complications and Image Quality. *J Clin Med.* 2023;12:4410. PMID [37445444](#)
634. **Schiaffino S, Cozzi A.** Contrast-enhanced mammography-guided biopsy: why, when, and where we need it. *Eur Radiol.* 2023;33:414-6. PMID [36316603](#)
635. **Schiaffino S, Pinker K, Cozzi A, Magni V, Athanasiou A, Baltzer PAT, Camps Herrero J, Clauser P, Fallenberg EM, Forrai G, Fuchsjäger MH, Gilbert FJ, Helbich T, Kilburn-Toppin F, Kuhl CK, Lesaru M, Mann RM, Panizza P, Pediconi F, Sardanelli F, Sella T, Thomassin-Naggara I, Zackrisson S, Pijnappel RM.** European Society of Breast Imaging (EUSOBI) guidelines on the management of axillary lymphadenopathy after COVID-19 vaccination: 2023 revision. *Insights Imaging.* 2023;14:126. PMID [37466753](#)
636. **Schiano C, Balbi C, de Nigris F, Napoli C.** Basic Pathogenic Mechanisms and Epigenetic Players

- Promoted by Extracellular Vesicles in Vascular Damage. *Int J Mol Sci.* 2023;24:7509. PMID [37108672](#)
637. Schiel JE, Tamm S, Holub F, Petri R, Dashti HS, Domschke K, Feige B, Goodman MO, Jones SE, Lane JM, **Ratti PL**, Ray DW, Redline S, Riemann D, Rutter MK, Saxena R, Sexton CE, Tahmasian M, Wang H, Weedon MN, Weihs A, Kyle SD, Spiegelhalter K. Associations between sleep health and grey matter volume in the UK Biobank cohort (n = 33 356). *Brain Commun.* 2023;5:fcad200. PMID [37492488](#)
638. Schneebeli A, Barbero M, **Filardo G, Testa E, Riegger M, Sangiorgio A**, Cescon C, Soldini E, Falla D. Shear Wave Tensiometry Can Detect Loading Differences Between Operated and Unaffected Achilles Tendon. *Foot Ankle Int.* 2023;44:1295-304. PMID [37924256](#)
639. Schoepf IC, Esteban-Cantos A, Thorball CW, Rodés B, Reiss P, Rodríguez-Centeno J, Riebenschahm C, Braun DL, Marzolini C, Seneghini M, **Bernasconi E**, Cavassini M, Buvelot H, Thurnheer MC, Kouyos RD, Fellay J, Günthard HF, Arribas JR, Ledergerber B, Tarr PE. Epigenetic ageing accelerates before antiretroviral therapy and decelerates after viral suppression in people with HIV in Switzerland: a longitudinal study over 17 years. *Lancet Healthy Longev.* 2023;4:e211-e8. PMID [37148893](#)
640. Schönborn L, Esteban O, Wesche J, Dobosz P, Broto M, Puig SR, Fuhrmann J, Torres R, Serra J, Llevadot R, Palicio M, Wang JJ, Gordon TP, Lindhoff-Last E, Hoffmann T, Alberio L, Langer F, Boehme C, **Biguzzi E**, Grosse L, Endres M, Liman T, Thiele T, Warkentin TE, Greinacher A. Anti-PF4 immunothrombosis without proximate heparin or adenovirus vector vaccine exposure. *Blood.* 2023;142:2305-14. PMID [37883798](#)
641. Schwab M, **de Trizio I**, Ghobrial M, Shiu JY, Sürücü O, Girolamo F, Errede M, Yilmaz M, Haybaeck J, Moiraghi A, Monnier PP, Lawler SE, Greenfield JP, Radovanovic I, Frei K, Schlapbach R, Vogel V, Virgintino D, De Bock K, Wälchli T. Nucleolin promotes angiogenesis and endothelial metabolism along the oncofetal axis in the human brain vasculature. *JCI Insight.* 2023;8:e143071. PMID [36917178](#)
642. Schwarzwald A, Fischer U, Seiffge D, Beyeler M, Scutelnic A, Kaesmacher J, Mordasini P, Dobrocky T, Gralla J, Heldner MR, Umarova R, Meinel TR, Arnold M, Jung S, **Goeggel Simonetti B**. Impact of sex in stroke in the young. *PLoS One.* 2023;18:e0274722. PMID [37000788](#)
643. Schwenke JM, Thorball CW, Schoepf IC, Ryom L, Hasse B, Lamy O, Calmy A, Wandeler G, Marzolini C, Kahlert CR, **Bernasconi E**, Kouyos RD, Günthard HF, Ledergerber B, Fellay J, Burkhalter F, Tarr PE. Association of a Polygenic Risk Score With Osteoporosis in People Living With HIV: The Swiss HIV Cohort Study. *J Infect Dis.* 2023;228:742-50. PMID [37225667](#)
644. Sciorio R, Tramontano L, Rapalini E, **Bellaminutti S**, Bulletti FM, D'Amato A, Manna C, Palagiano A, Bulletti C, Esteves SC. Risk of genetic and epigenetic alteration in children conceived following ART: Is it time to return to nature whenever possible? *Clin Genet.* 2023;103:133-45. PMID [36109352](#)
645. Scotti A, Coisne A, Taramasso M, Granada JF, Ludwig S, Rodés-Cabau J, Lurz P, Hausleiter J, Fam N, Kodali SK, Rosiene J, Feinberg A, **Pozzoli A**, Alessandrini H, Biasco L, Brochet E, Denti P, Estévez-Loureiro R, Frerker C, Ho EC, Monivas V, Nickenig G, Praz F, Puri R, Sievert H, Tang GHL, Andreas M, Von Bardeleben RS, Rommel KP, Muntané-Carol G, Gavazzoni M, Braun D, Koell B, Kalbacher D, Connelly KA, Juliard JM, Harr C, **Pedrazzini G**, Russo G, Philippon F, Schofer J, Thiele H, Unterhuber M, Himbert D, Alcázar MU, Wild MG, Windecker S, Jorde U, Maisano F, Leon MB, Hahn RT, Latib A. Sex-related characteristics and short-term outcomes of patients undergoing transcatheter tricuspid valve intervention for tricuspid regurgitation. *Eur Heart J.* 2023;44:822-32. PMID [36445158](#)
646. Sebastiani J, Puxeddu M, Nalli M, Bai R, Altieri L, Rovella P, Gaudio E, Trisciuglio D, Spriano F, Lavia P, Fionda C, Masci D, Urbani A, Bigogno C, Dondio G, Hamel E, **Bertoni F**, Silvestri R, La Regina G. RS6077 induces mitotic arrest and selectively activates cell death in human cancer cell lines and in a lymphoma tumor in vivo. *Eur J Med Chem.* 2023;246:114997. PMID [36502578](#)
647. Seners P, **Cereda CW**. Thrombectomy in Stroke With a Large Vessel Occlusion and Mild Symptoms: "Striving to Better, Oft We Mar What's Well?". *Stroke.* 2023;54:2276-8. PMID [37526012](#)
648. Serati M, **Braga A**, Scancarello C, De Rosa A, Frigerio M, Baruch Y, Torella M, Salvatore S, Ruffolo AF. Does the Polydimethylsiloxane Urethral Injection (Macropastique®) Improve Sexual Function in Women, in Fertile Age, Affected by Stress Urinary Incontinence? *Medicina (Kaunas).* 2023;59:580. PMID [36984580](#)
649. Serati M, **Braga A**. Re: CO(2) Surgical Laser for Treatment of Stress Urinary Incontinence in Women: A Randomized Controlled Trial. *Eur Urol.* 2023;83:373. PMID [36604274](#)
650. Serati M, Ruffolo AF, Scancarello C, **Braga A**, Salvatore S, Ghezzi F. When does oasis cause de novo pelvic floor dysfunction? role of the surgeon's skills. *Int Urogynecol J.* 2023;34:493-8. PMID [35467138](#)
651. Serati M, Salvatore S, Torella M, Scancarello C, De Rosa A, Ruffolo AF, **Caccia G**, Ghezzi F, **Papadia A**, Baruch Y, **Braga A**. Hysteropexy and Anterior Vaginal Native Tissue Repair in Women with Anterior and Central Compartment Prolapse: A Long Term Follow-Up. *J Clin Med.* 2023;12:2548. PMID [37048632](#)
652. Serra-Burriel M, Aebbersold H, Foster-Witassek F, Coslovsky M, Rodondi N, Blum MR, Sticherling C, **Moschovitis G**, Beer JH, Reichlin T, Krisai P, Aeschbacher S, Paladini RE, Kühne M, Osswald S, Conen D, Felder S, Schwenkglenks M. Real-World Cost-Effectiveness of Pulmonary Vein Isolation for Atrial Fibrillation: A Target Trial Approach. *Value Health.* 2023;26:1721-9. PMID [37741443](#)
653. Servadei F, Cannizzaro D, **Zaed I**, Iaccarino C, **Cardia A**. Neurotrauma Care: A Worldwide Perspective. *J Neurotrauma.* 2023;40:597-601. PMID [36893218](#)
654. **Sessa C**, Balmaña J, Bober SL, Cardoso MJ, Colombo N, Curigliano G, Domchek SM, Evans

- DG, Fischerova D, Harbeck N, Kuhl C, Lemley B, Levy-Lahad E, Lambertini M, Ledermann JA, Loibl S, Phillips KA, Paluch-Shimon S. Risk reduction and screening of cancer in hereditary breast-ovarian cancer syndromes: ESMO Clinical Practice Guideline. *Ann Oncol.* 2023;34:33-47. PMID [36307055](#)
655. Sharmin S, Roos I, Simpson-Yap S, Malpas C, Sánchez MM, Ozakbas S, Horakova D, Havrdova EK, Patti F, Alroughani R, Izquierdo G, Eichau S, Boz C, Zakaria M, Onofri M, Lugaresi A, Weinstock-Guttman B, Prat A, Girard M, Duquette P, Terzi M, Amato MP, Karabudak R, Grand'Maison F, Khoury SJ, Grammond P, Lechner-Scott J, Buzzard K, Skibina O, van der Walt A, Butzkueven H, Turkoglu R, Altintas A, Maimone D, Kermod A, Shalaby N, Pesch VV, Butler E, Sidhom Y, Gouider R, Mrabet S, Gerlach O, Soysal A, Barnett M, Kuhle J, Hughes S, Sa MJ, Hodgkinson S, Oreja-Guevara C, Ampapa R, Petersen T, Ramo-Tello C, Spitaleri D, McCombe P, Taylor B, Prevost J, Foschi M, Slee M, McGuigan C, Laureys G, Hijfte LV, de Gans K, Solaro C, Oh J, Macdonell R, Aguera-Morales E, Singhal B, Gray O, Garber J, Wijmeersch BV, Simu M, Castillo-Triviño T, Sanchez-Menoyo JL, Khurana D, Al-Asmi A, Al-Harbi T, Deri N, Fragoso Y, Lalive PH, Sinnige LGF, Shaw C, Shuey N, Csepany T, Sempere AP, Moore F, Decoo D, Willekens B, **Gobbi C**, Massey J, Hardy T, Parratt J, Kalincik T. The risk of secondary progressive multiple sclerosis is geographically determined but modifiable. *Brain.* 2023;146:4633-44. PMID [37369086](#)
656. Silimon N, Drop B, Clénin L, Nedeltchev K, Kahles T, Tarnutzer AA, Katan M, Bonati L, Salmen S, Albert S, Salerno A, Carrera E, Berger C, Peters N, Medlin F, **Cereda C**, Bolognese M, Kägi G, Renaud S, Niederhauser J, Bonvin C, Schärer M, Mono ML, Luft A, Rodic-Tatic B, Fischer U, Jung S, Arnold M, Meinel T, Seiffge D. Ischaemic stroke despite antiplatelet therapy: Causes and outcomes. *Eur Stroke J.* 2023;8:692-702. PMID [37622482](#)
657. Silvani A, Ghorayeb I, **Manconi M**, Li Y, Clemens S. Putative Animal Models of Restless Legs Syndrome: A Systematic Review and Evaluation of Their Face and Construct Validity. *Neurotherapeutics.* 2023;20:154-78. PMID [36536233](#)
658. Simonato M, Whisenant BK, Unbehau A, Kempfert J, Ribeiro HB, Kornowski R, Erlebach M, Bleiziffer S, Windecker S, Pilgrim T, Tomii D, Guerrero M, Ahmad Y, Forrest JK, Montorfano M, Ancona M, Adam M, Wienemann H, Finkelstein A, Villablanca P, Codner P, Hildick-Smith D, **Ferrari E**, Petronio AS, Shamekhi J, Presbitero P, Bruschi G, Rudolph T, Cerillo A, Attias D, Nejjari M, Abizaid A, Felippi de Sá Marchi M, Horlick E, Wijeyesundera H, Andreas M, Thukkani A, Agrifoglio M, Iadanza A, Baer LM, Nanna MG, Dvir D. Clinical and Hemodynamic Outcomes of Balloon-Expandable Mitral Valve-in-Valve Positioning and Asymmetric Deployment: The VIVID Registry. *JACC Cardiovasc Interv.* 2023;16:2615-27. PMID [37968032](#)
659. Sirimarco G, Strambo D, Nannoni S, Labreuche J, **Cereda C**, Dunet V, Puccinelli F, Saliou G, Meuli R, Eskandari A, Wintermark M, Michel P. Predicting Penumbra Salvage and Infarct Growth in Acute Ischemic Stroke: A Multifactor Survival Game. *J Clin Med.* 2023;12:4561. PMID [37510676](#)
660. **Sola M**, **Rendon-Angel A**, **Rojo Martinez V**, Sgrignani J, **Magrin C**, **Piovesana E**, Cavalli A, **Paganetti P**, **Papin S**. Tau protein binds to the P53 E3 ubiquitin ligase MDM2. *Sci Rep.* 2023;13:10208. PMID [37353565](#)
661. Somaschini A, Cornara S, Leonardi S, **Demarchi A**, Mandurino-Mirizzi A, Fortuni F, Ferlini M, Crimi G, Camporotondo R, Gnechi M, Oltrona Visconti L, De Servi S, De Ferrari GM. Beneficial Effects of IABP in Anterior Myocardial Infarction Complicated by Cardiogenic Shock. *Medicina (Kaunas).* 2023;59:1806. PMID [37893524](#)
662. Sommer M, **Glaser B**, Soldini E, Weber P, **Ramelli GP**. Age at initial diagnosis of autism spectrum disorders: a retrospective comparison of screening techniques between the southern and northwestern regions of Switzerland. *Swiss Med Wkly.* 2023;153:40131. PMID [38037847](#)
663. Sörelius K, Wyss TR, Adam D, Beck AW, Berard X, Budtz-Lilly J, Chakfé N, Clough R, Czerny M, D'Oria M, Dang M, di Summa PG, Eldrup N, Fourneau I, Heinola I, Hosaka A, Hsu RB, Huang YK, Jutidamrongphan W, Kan CD, Kölbl T, Lau C, Lawaetz M, Mani K, Moulakakis K, Oderich GS, Resch T, Schmidli J, Sedivy P, Shirasu T, Suwannanon R, Szeberin Z, Touma J, **van den Berg JC**, Veger H, Wanhainen A, Weiss S. Editor's Choice - Infective Native Aortic Aneurysms: A Delphi Consensus Document on Terminology, Definition, Classification, Diagnosis, and Reporting Standards. *Eur J Vasc Endovasc Surg.* 2023;65:323-9. PMID [36470311](#)
664. Sørensen AL, Guldmann-Christensen M, Børgesen M, Petersen RK, Flugt K, Duelund JMH, Kyneb MH, Lorenzen J, Pipó-Ollé E, **Epistolio S**, **Riva A**, **Dazio G**, **Merlo E**, Meyer T, Christensen UB, **Frattini M**. Detection of BRAF mutations in malignant melanoma and colorectal cancer by SensiScreen® FFPE BRAF qPCR assay. *PLoS One.* 2023;18:e0281558. PMID [36758042](#)
665. Spadaccini M, Hassan C, Rondonotti E, Antonelli G, Andrisani G, **Lollo G**, Auriemma F, Iacopini F, Facciorusso A, Maselli R, Fugazza A, Bambina Bergna IM, Cereatti F, Mangiavillano B, Radaelli F, Di Matteo F, Gross SA, Sharma P, Mori Y, Bretthauer M, Rex DK, Repici A. Combination of Mucosa-Exposure Device and Computer-Aided Detection for Adenoma Detection During Colonoscopy: A Randomized Trial. *Gastroenterology.* 2023;165:244-51.e3. PMID [37061169](#)
666. **Sparasci D**, **Castelli C**, **Staedler C**, **Gobbi C**, **Ripellino P**. Inclusions in macrophages of the cerebrospinal fluid during treatment with Tofersen. *Muscle Nerve.* 2023;67:E3-e5. PMID [36477882](#)
667. Spirito A, Itchhaporia D, Sartori S, Camenzind E, Chieffo A, Dangas GD, Galatius S, Jeger RV, Kandzari DE, Kastrati A, Kim HS, Kimura T, Leon MB, Mehta LS, Mikhail GW, Morice MC, Nicolas J, Pileggi B, Serruys PW, Smits PC, Steg PG, Stone GW, **Valgimigli M**, Vogel B, von Birgelen C, Weisz G, Wijns W, Windecker S, Mehran R. Impact of chronic kidney disease and diabetes on clinical outcomes in women undergoing

- PCI. *EuroIntervention*. 2023;19:493-501. PMID [37382924](#)
668. Spirito A, Vainora L, Papadis A, Iacovelli F, Sardu C, Selberg A, Bär S, Kavaliauskaite R, Temperli F, Asatryan B, Pilgrim T, Hunziker L, Heg D, **Valgimigli M**, Windecker S, Räber L. Acute Coronary Occlusion in Patients With Non-ST-Segment Elevation Out-of-Hospital Cardiac Arrest. *J Am Coll Cardiol*. 2023;81:446-56. PMID [36725173](#)
669. Spirito A, **Valgimigli M**, Cao D, Baber U, Mehta SR, Gibson CM, Steg GP, Sharma SK, Goel R, Huber K, Kunadian V, Escaned J, Franzone A, Yaling H, Collier T, Kaul U, Kornowski R, Krucoff M, Moliterno D, Sartori S, Owen R, Zhang Z, Dangas GD, Kastrati A, Angiolillo DJ, Cohen DJ, Vranckx P, Windecker S, Pocock S, Mehran R. Biolimus-eluting vs. other limus-eluting stents in NSTEMI-ACS: A pooled analysis of GLASSY and TWILIGHT. *Int J Cardiol*. 2023;383:24-32. PMID [37080466](#)
670. Spriano F, Aresu L, Cascione L, Risi G, Arribas AJ, Napoli S, Forster-Gross N, Bachmann F, Engelhardt M, Lane H, **Bertoni F**. The microtubule-targeted agent lisavanbulin (BAL101553) shows anti-tumor activity in lymphoma models. *Am J Cancer Res*. 2023;13:2076-86. PMID [37293172](#)
671. Spriano F, Tarantelli C, Arribas AJ, Gaudio E, Cascione L, Aresu L, Rinaldi A, **Zucca E, Rossi D, Stathis A**, Murone M, Radtke F, Lehal R, **Bertoni F**. In vitro anti-lymphoma activity of the first-in-class pan-NOTCH transcription inhibitor CB-103. *Br J Haematol*. 2023;200:669-72. PMID [36484636](#)
672. Stähli BE, Varbella F, Linke A, Schwarz B, Felix SB, Seiffert M, Kesterke R, Nordbeck P, Witzenbichler B, Lang IM, Kessler M, Valina C, Dibra A, Rohla M, **Mocchetti M**, Vercellino M, Gaede L, Bott-Flügel L, Jakob P, Stehli J, Candreva A, Templin C, Schindler M, Wischnewsky M, Zanda G, Quadri G, Mangner N, Toma A, Magnani G, Clemmensen P, Lüscher TF, Münzel T, Schulze PC, Laugwitz KL, Rottbauer W, Huber K, Neumann FJ, Schneider S, Weidinger F, Achenbach S, Richardt G, Kastrati A, Ford I, Maier W, Ruschitzka F. Timing of Complete Revascularization with Multivessel PCI for Myocardial Infarction. *N Engl J Med*. 2023;389:1368-79. PMID [37634190](#)
673. Stanikić M, Twomey E, Puhan MA, Kamm CP, Salmen A, Ajdacic-Gross V, **Zecca C, Gobbi C**, von Wyl V. Experiences of persons with multiple sclerosis with the Covid-19 vaccination: A cross-sectional study of the Swiss Multiple Sclerosis Registry. *Mult Scler Relat Disord*. 2023;74:104707. PMID [37068368](#)
674. **Stathis A**, Tolcher AW, Wang JS, Renouf DJ, Chen LC, Suttner LH, Freshwater T, Webber AL, Nayak T, Siu LL. Results of an open-label phase 1b study of the ERK inhibitor MK-8353 plus the MEK inhibitor selumetinib in patients with advanced or metastatic solid tumors. *Invest New Drugs*. 2023;41:380-90. PMID [37040046](#)
675. Stauber A, Müller A, Rommers N, Aeschbacher S, Rodondi N, Bonati LH, Beer JH, Jeger RV, Kurz DJ, Liedtke C, Ammann P, **Di Valentino M**, Chocano P, Kobza R, Kühne M, Conen D, Osswald S, Bernheim AM. Association of chocolate consumption with neurological and cardiovascular outcomes in atrial fibrillation: data from two Swiss atrial fibrillation cohort studies (Swiss-AF and BEAT-AF). *Swiss Med Wkly*. 2023;153:40109. PMID [37609948](#)
676. Steg PG, Szarek M, **Valgimigli M**, Islam S, Zeiher AM, Bhatt DL, Bittner VA, Chiang CE, Diaz R, Goodman SG, Gotcheva N, Harrington RA, Jukema JW, Kim HS, Kim SH, Morais J, Pordy R, Scemama M, White HD, Schwartz GG. Lipoprotein(a) and the Effect of Alirocumab on Revascularization After Acute Coronary Syndrome. *Can J Cardiol*. 2023;39:1315-24. PMID [37116789](#)
677. Sterns LD, **Auricchio A**, Schloss EJ, Lexcen D, Jacobsen L, DeGroot P, Molan A, Kurita T. Antitachycardia pacing success in implantable cardioverter-defibrillators by patient, device, and programming characteristics. *Heart Rhythm*. 2023;20:190-7. PMID [36272710](#)
678. Sterns LD, **Auricchio A**, Schloss EJ, Lexcen D, Jacobsen L, DeGroot P, Molan A, Kurita T. Reply to the Editor-Programming more ATP sequences is not a case of no harm, no foul. *Heart Rhythm*. 2023;20:479-80. PMID [36509318](#)
679. Stoffel K, Michelitsch C, Arora R, Babst R, **Candrian C**, Eickhoff A, Gebhard F, Platz A, Schmid FA, Weschenfelder W, Sommer C. Clinical performance of the Femoral Neck System within 1 year in 125 patients with acute femoral neck fractures, a prospective observational case series. *Arch Orthop Trauma Surg*. 2023;143:4155-64. PMID [36460761](#)
680. Surial B, Chammartin F, Damas J, Calmy A, Haerry D, Stöckle M, Schmid P, **Bernasconi E**, Fux CA, Tarr PE, Günthard HF, Wandeler G, Rauch A. Impact of Integrase Inhibitors on Cardiovascular Disease Events in People With Human Immunodeficiency Virus Starting Antiretroviral Therapy. *Clin Infect Dis*. 2023;77:729-37. PMID [37157869](#)
681. Suter PA, Shetty AC, Hakansson A, Van der Eecken K, Song Y, Liu Y, Chang J, Fonteyne V, Mendes AA, Lumen N, Delrue L, Verbeke S, De Man K, Rana Z, Hodges T, Hamid A, Roberts N, Song DY, Pienta K, Ross AE, Feng F, Joniau S, Spratt D, **Gillessen S**, Attard G, James ND, Lotan T, Davicioni E, Sweeney C, Tran PT, Deek MP, Ost P. Transcriptomic and clinical heterogeneity of metastatic disease timing within metastatic castration-sensitive prostate cancer. *Ann Oncol*. 2023;34:605-14. PMID [37164128](#)
682. Szabo L, Cummins N, **Paganetti P**, Odermatt A, Papassotiropoulos A, Karch C, Götz J, Eckert A, Grimm A. ER-mitochondria contacts and cholesterol metabolism are disrupted by disease-associated tau protein. *EMBO Rep*. 2023;24:e57499. PMID [37401859](#)
683. Tartara F, Montalbetti A, Crobeddu E, Armocida D, Tavazzi E, **Cardia A**, Cenzato M, Boeris D, Garbossa D, Cofano F. Compartmental Cerebrospinal Fluid Events Occurring after Subarachnoid Hemorrhage: An "Heparin Oriented" Systematic Review. *Int J Mol Sci*. 2023;24:7832. PMID [37175544](#)
684. Templeton AJ, Omlin A, Berthold D, Beyer J, Burger IA, Eberli D, Engeler D, Fankhauser C, Fischer S, **Gillessen S**, Nicolas G, Kroeze S, Lorich A, Müntener M, Papachristofilou A, Schaefer N, Seiler D, Stenner F, Tsantoulis P, Vljajic T, **Zilli T**,

- Zwahlen D, Cathomas R. Interdisciplinary Swiss consensus recommendations on staging and treatment of advanced prostate cancer. *Swiss Med Wkly*. 2023;153:40108. PMID [37598311](#)
685. **Tersalvi G, Beltrani V, Grüber MR, Molteni A, Cristoforetti Y, Pedrazzini G, Treglia G, Biasco L.** Positron Emission Tomography in Heart Failure: From Pathophysiology to Clinical Application. *J Cardiovasc Dev Dis*. 2023;10:220. PMID [37233187](#)
686. **Tersalvi G, Gaiero L, Capriolo M, Cristoforetti Y, Salizzoni S, Senatore G, Pedrazzini G, Biasco L.** Sex Differences in Epidemiology, Morphology, Mechanisms, and Treatment of Mitral Valve Regurgitation. *Medicina (Kaunas)*. 2023;59:1017. PMID [37374220](#)
687. Tessitore E, Mastantuoni C, **Cabrilo I**, Schonauer C. Novelty for increased safety in cranio-vertebral surgery: a review. *Acta Neurochir (Wien)*. 2023;165:3027-38. PMID [37659044](#)
688. **Testa EA, Porreca A, Nasarre AR, Cano DP, Goenaga FA, Ledermann G, Baduell A, Riquelme PR.** The Akin osteotomy without fixation in open hallux abducto-valgo correction surgery - A single center retrospective analysis of 286 cases. *Foot Ankle Surg*. 2023;29:200-7. PMID [36646594](#)
689. Tischer T, Andriolo L, Beaufile P, Ahmad SS, Bait C, Bonomo M, Cavaignac E, Cristiani R, Feucht MJ, Fiodorovas M, Grassi A, Helmerhorst G, Hoser C, Karahan M, Komnos G, Lagae KC, Madonna V, Monaco E, Monllau JC, Ollivier M, Ovaska M, Petersen W, Piontek T, Robinson J, Samuelsson K, Scheffler S, Sonnery-Cottet B, **Filardo G, Condello V.** Management of anterior cruciate ligament revision in adults: the 2022 ESSKA consensus part III-indications for different clinical scenarios using the RAND/UCLA appropriateness method. *Knee Surg Sports Traumatol Arthrosc*. 2023;31:4662-72. PMID [37133742](#)
690. Tischer T, Beaufile P, Becker R, Ahmad SS, Bonomo M, Dejour D, Eriksson K, **Filardo G, Feucht MJ, Grassi A, Wilson A, Menetrey J, Pujol N, Rathcke M, Seil R, Strauss MJ, Condello V.** Management of anterior cruciate ligament revision in adults: the 2022 ESSKA consensus part I-diagnostics and preoperative planning. *Knee Surg Sports Traumatol Arthrosc*. 2023;31:4642-51. PMID [36322180](#)
691. Titz A, Mayer L, Appenzeller P, Müller J, Schneider SR, Tamm M, Darie AM, Guler SA, Aubert JD, Lador F, **Stricker H, Fellrath JM, Pohle S, Lichtblau M, Ulrich S.** Long-term outcome of patients with combined post- and pre-capillary pulmonary hypertension. *Eur Heart J Open*. 2023;3:oead069. PMID [37528902](#)
692. Todea AR, Melie-Garcia L, Barakovic M, Cagol A, Rahmanzadeh R, Galbusera R, Lu PJ, Weigel M, Ruberte E, Radue EW, Schaedelin S, Benkert P, Oezguer Y, Sinnecker T, Müller S, Achtnichts L, Vehoff J, **Disanto G, Findling O, Chan A, Salmen A, Pot C, Lalive P, Bridel C, Zecca C, Derfuss T, Remonda L, Wagner F, Vargas M, Du Pasquier R, Pravata E, Weber J, Gobbi C, Leppert D, Wuerfel J, Kober T, Marechal B, Corredor-Jerez R, Psychogios M, Lieb J, Kappos L, Cuadra MB, Kuhle J, Granziera C.** A Multicenter Longitudinal MRI Study Assessing LeMan-PV Software Accuracy in the Detection of White Matter Lesions in Multiple Sclerosis Patients. *J Magn Reson Imaging*. 2023;58:864-76. PMID [36708267](#)
693. **Tolotti A, Cadarin L, Bonetti L, Valcarengi D, Pagnucci N.** Communication experiences of tracheostomy patients with nurses in the ICU: A scoping review. *J Clin Nurs*. 2023;32:2361-70. PMID [35343019](#)
694. Torella M, Marrapodi MM, Ronsini C, Ruffolo AF, **Braga A, Frigerio M, Amabile E, Vastarella MG, Rossi F, Riemma G.** Risk of Premature Ovarian Insufficiency after Human Papilloma Virus Vaccination: A PRISMA Systematic Review and Meta-Analysis of Current Evidence. *Vaccines (Basel)*. 2023;11:140. PMID [36679985](#)
695. Toti JMA, Gatti B, Hunjan I, **Kottanattu L, Faré PB, Renzi S, Bianchetti MG, Milani GP, Lava SAG, Camozzi P.** Splenic rupture or infarction associated with Epstein-Barr virus infectious mononucleosis: a systematic literature review. *Swiss Med Wkly*. 2023;153:40081. PMID [37245117](#)
696. **Toto F, Leo L, Klersy C, Torre T, Theologou T, Pozzoli A, Caporali E, Demertzis S, Ferrari E.** Mid-Term Clinical Outcomes and Hemodynamic Performances of Trifecta and Perimount Bioprostheses following Aortic Valve Replacement. *J Cardiovasc Dev Dis*. 2023;10:139. PMID [37103018](#)
697. **Toto F, Torre T, Pozzoli A, Biroova S, Ferrari E, Demertzis S.** Cardiac surgery simulation: step-by-step Nicks procedure in a preclinical model. *Multimed Man Cardiothorac Surg*. 2023;2023. PMID [37428537](#)
698. **Toto F, Torre T, Pozzoli A, Zurfluh C, Ferrari E, Demertzis S.** Cardiac surgery simulation: Step-by-step hemi-Yacoub operation in a preclinical model. *Multimed Man Cardiothorac Surg*. 2023;2023. PMID [36786667](#)
699. Touilloux B, Bongard C, Lechartier B, Truong MK, Marques-Vidal P, Vollenweider P, Vaucher J, **Casutt A, von Garnier C.** Prevalence of small airway dysfunction in the Swiss PneumoLaus Cohort. *ERJ Open Res*. 2023;9:PMID [37701366](#)
700. Touilloux B, Papadimitriou-Olivgeris M, Bongard C, Mansouri N, Ioakeim F, Manuel O, Koutsokera A, Aubert JD, **Casutt A.** Impact of COVID-19 on long-term lung function in lung transplant recipients: A single-center retrospective cohort study. *Transpl Infect Dis*. 2023;25:e14151. PMID [37746723](#)
701. Traenka C, Lorscheider J, Hametner C, Baumgartner P, Gralla J, Magoni M, Martinez-Majander N, Casolla B, Feil K, Pascarella R, Papanagiotou P, Nordanstig A, Padjen V, **Cereda CW, Psychogios M, Nolte CH, Zini A, Michel P, Béjot Y, Kastrup A, Zedde M, Kägi G, Kellert L, Henon H, Curtze S, Pezzini A, Arnold M, Wegener S, Ringleb P, Tatlisumak T, Nederkoorn PJ, Engelter ST, Gensicke H.** Recanalization Therapies for Large Vessel Occlusion Due to Cervical Artery Dissection: A Cohort Study of the EVA-TRISP Collaboration. *J Stroke*. 2023;25:272-81. PMID [37282374](#)
702. Tramontano L, Sciorio R, **Bellaminutti S, Esteves SC, Petignat P.** Exploring the potential impact of human papillomavirus on infertility and assisted reproductive technology outcomes. *Reprod Biol*. 2023;23:100753. PMID [36889139](#)

703. **Treglia G**, Albano D, Dondi F, Bertagna F, Gheysens O. A role of FDG PET/CT for Response Assessment in Large Vessel Disease? *Semin Nucl Med*. 2023;53:78-85. PMID [36075772](#)
704. **Treglia G**, Albano D. FAPI PET/CT in infectious, inflammatory, and rheumatological diseases: “watch it like a hawk” or “one swallow does not make a summer”? *Eur J Nucl Med Mol Imaging*. 2023;50:1848-50. PMID [36872391](#)
705. **Treglia G**, Bailly C. Editorial: Nuclear medicine in rheumatological diseases’ therapy and diagnosis. *Front Med (Lausanne)*. 2023;10:1171992. PMID [36999067](#)
706. **Treglia G**, Martinello C, Dondi F, Albano D, Bertagna F, Rizzo A, Delgado Bolton RC, **Tersalvi G**, **Muoio B**, **Riegger M**, Cecchin D. Prevalence of Incidental Findings Suspicious for Transthyretin Cardiac Amyloidosis among Patients Undergoing Bone Scintigraphy: A Systematic Review and a Meta-Analysis. *J Clin Med*. 2023;12:5698. PMID [37685765](#)
707. **Treglia G**, Rufini V, Piccardo A, Imperiale A. Update on Management of Medullary Thyroid Carcinoma: Focus on Nuclear Medicine. *Semin Nucl Med*. 2023;53:481-9. PMID [36702731](#)
708. **Treglia G**. Editorial: Insights in nuclear medicine: 2022. *Front Med (Lausanne)*. 2023;10:1259644. PMID [37564048](#)
709. **Trimboli P**, Mian C, Piccardo A, **Treglia G**. Diagnostic tests for medullary thyroid carcinoma: an umbrella review. *Endocrine*. 2023;81:183-93. PMID [36877452](#)
710. **Trimboli P**, **Ossola N**, **Torre A**, **Mongelli F**, **Quarenghi M**, **Camponovo C**, **Lucchini B**, Rotondi M, **Ruinelli L**, **Garofalo F**. The performance of levothyroxine tablet is impaired by bariatric surgery. *Endocrine*. 2023;80:563-9. PMID [36581744](#)
711. Turner K, **Castelnovo A**, Perogamvros L, Cloninger RC, Galbiati A, Bertolotti A, Proserpio P, Terzaghi M, Manni R, Ferini Strambi L, Nobili L, **Manconi M**, Canevini MP, Zambrelli E. Psychobiological personality traits of children and adolescents with disorders of arousal. *J Psychiatr Res*. 2023;158:42-8. PMID [36571910](#)
712. Uka A, Bressieux-Degueldre S, Buettcher M, **Kottanattu L**, Plebani M, Niederer-Loher A, Schöbi N, Hofer M, Tomasini J, Trück J, Villiger R, Wagner N, Wuetz D, Ritz N, Zimmermann P. Cardiac involvement in children with paediatric multisystem inflammatory syndrome temporally associated with SARS-CoV-2 (PIMS-TS): data from a prospective nationwide surveillance study. *Swiss Med Wkly*. 2023;153:40092. PMID [37852002](#)
713. Urso L, Castello A, **Treglia G**, Panareo S, Nieri A, Rambaldi I, Caracciolo M, Ortolan N, Uccelli L, Cittanti C, Castellani M, Bartolomei M. Relevance of Volumetric Parameters Applied to [(68)Ga]Ga-DOTATOC PET/CT in NET Patients Treated with PRRT. *Diagnostics (Basel)*. 2023;13:606. PMID [36832093](#)
714. Uzun S, Zinner CP, Beenen AC, Alborelli I, Bartoszek EM, Yeung J, Calgua B, Reinscheid M, Bronsert P, Stalder AK, Haslbauer JD, Vosbeck J, **Mazzucchelli L**, Hoffmann T, Terracciano LM, Hutter G, Manz M, Panne I, Boettler T, Hofmann M, Bengsch B, Heim MH, Bernsmeier C, Jiang S, Tzankov A, Terziroli Beretta-Piccoli B, Matter MS. Morphologic and molecular analysis of liver injury after SARS-CoV-2 vaccination reveals distinct characteristics. *J Hepatol*. 2023;79:666-76. PMID [37290592](#)
715. **Valgimigli M**, Aboyans V, Angiolillo D, Atar D, Capodanno D, Halvorsen S, James S, Jüni P, Kunadian V, **Landi A**, Leonardi S, Mehran R, Montalescot G, Navarese EP, Niebauer J, Oliva A, Piccolo R, Price S, Storey RF, Völler H, Vranckx P, Windecker S, Fox KAA. Antithrombotic treatment strategies in patients with established coronary atherosclerotic disease. *Eur Heart J Cardiovasc Pharmacother*. 2023;9:462-96. PMID [37120728](#)
716. **Valgimigli M**, Spirito A, Sartori S, Angiolillo DJ, Vranckx P, de la Torre Hernandez JM, Krucoff MW, Bangalore S, Bhatt DL, Campo G, Cao D, Chehab BM, Choi JW, Feng Y, Ge J, Hermiller J, Kunadian V, Lupo S, Makkar RR, Maksoud A, Neumann FJ, Picon H, Saito S, Sardella G, Thiele H, Toelg R, Varenne O, Vogel B, Zhou Y, Windecker S, Mehran R. 1- or 3-Month DAPT in Patients With HBR With or Without Oral Anticoagulant Therapy After PCI. *JACC Cardiovasc Interv*. 2023;16:2498-510. PMID [37804290](#)
717. **Valgimigli M**, Wlodarczak A, Tölg R, Merkely B, Kelbæk H, Legutko J, Galli S, Godin M, Toth GG, Lhermusier T, Honton B, Dietrich PL, Stammen F, Ferdinande B, Silvain J, Capodanno D, Cayla G. Biodegradable-Polymer or Durable-Polymer Stents in Patients at High Bleeding Risk: A Randomized, Open-Label Clinical Trial. *Circulation*. 2023;148:989-99. PMID [37624364](#)
718. Vallersnes OM, Dines AM, Wood DM, Heyerdahl F, Hovda KE, Yates C, Giraudon I, Caganova B, **Ceschi A**, Galicia M, Liakoni E, Liechti ME, Miró Ò, **Noseda R**, Persett PS, Pöld K, Schmid Y, Scholz I, Vigorita F, Dargan PI. Self-discharge during treatment for acute recreational drug toxicity: an observational study from emergency departments in seven European countries. *Int J Emerg Med*. 2023;16:86. PMID [38030969](#)
719. **van den Berg JC**. A New Computed Tomography Classification for Acute Mesenteric Ischaemia: More Than a “Gut Feeling”? *Eur J Vasc Endovasc Surg*. 2023;65:809-10. PMID [36921752](#)
720. **van den Berg JC**. Measurement of the Brain Atrophy Index To Predict Mortality: a ‘No-Brainer’? *Eur J Vasc Endovasc Surg*. 2023;65:346-7. PMID [36566983](#)
721. van Doesum JA, Salmanton-García J, Marchesi F, Di Blasi R, Falces-Romero I, Cabrita A, Farina F, Besson C, Weinbergerová B, Van Praet J, Schönlein M, López-García A, Lamure S, Guidetti A, De Ramón-Sánchez C, Batinić J, Gavriilaki E, Tragiannidis A, Tisi MC, Plantefeve G, Petzer V, Ormazabal-Vélez I, **Marques de Almeida J**, Marchetti M, Maertens J, Machado M, Kulasekararaj A, Hernández-Rivas J, Gomes da Silva M, Fernández N, Espigado I, Drgoña L, Dragonetti G, Metafuni E, Calbacho M, Blennow O, Wolf D, van Anrooij B, Nunes Rodrigues R, Nordlander A, Martín-González JA, Liévin R, Jiménez M, Gräfe SK, García-Sanz R, Córdoba R, Rahimli L, van Meerten T, Cornely OA, Pagano L. Impact of SARS-CoV-2 vaccination and

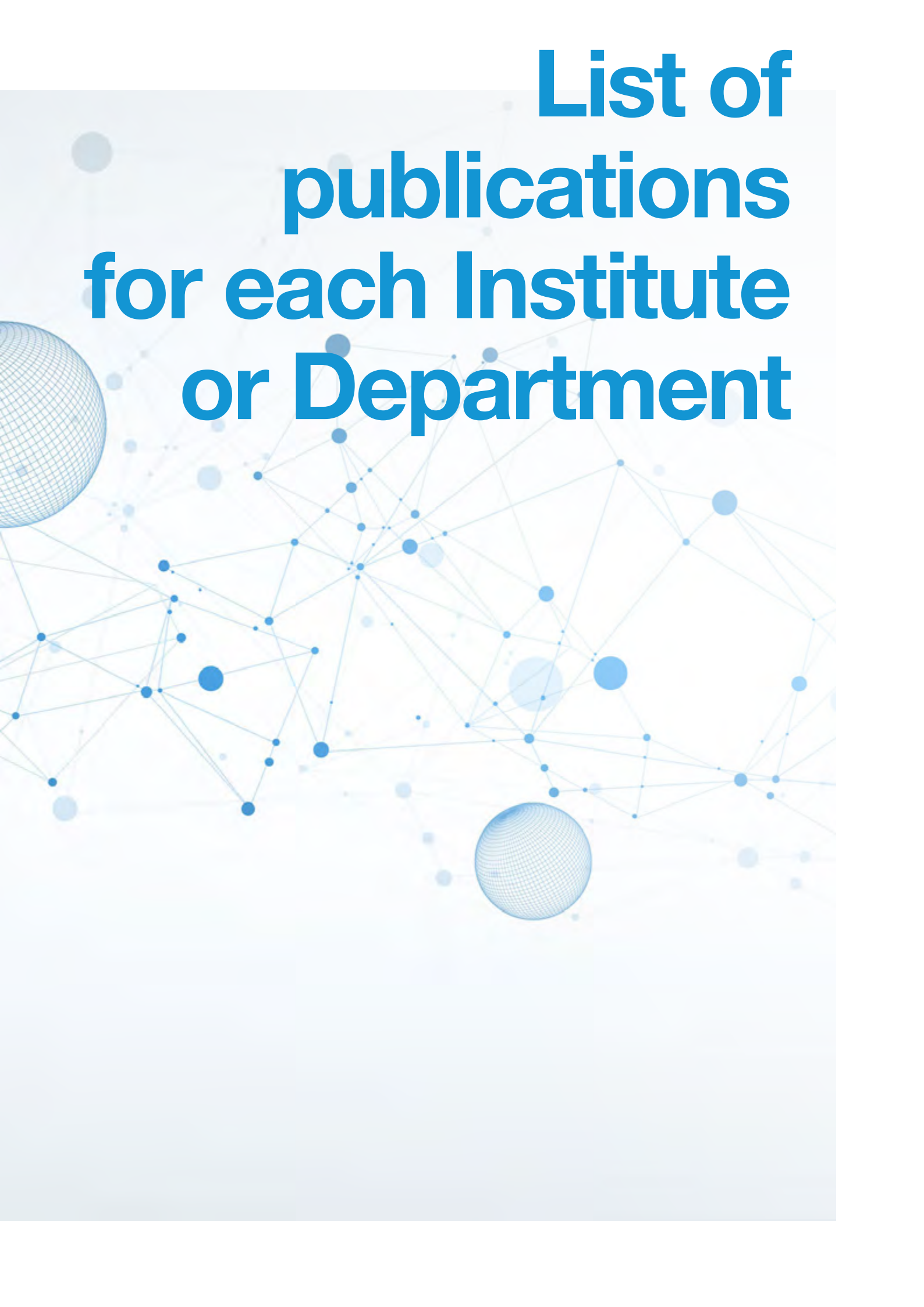
- monoclonal antibodies on outcome post-CD19-directed CAR T-cell therapy: an EPICOVIDEHA survey. *Blood Adv.* 2023;7:2645-55. PMID [37058479](#)
722. Van Leuven O, **Bergonti M**, Spera FR, Ferrero TG, Nsahlai M, Bilotta G, Tijskens M, Boris W, Saenen J, Huybrechts W, Miljoen H, González-Juanatey JR, Martínez-Sande JL, Vandaele L, Wittock A, Heidbuchel H, Valderrábano M, Rodríguez-Mañero M, Sarkozy A. Gender-Related Differences in Atrial Substrate in Patients with Atrial Fibrillation. *Am J Cardiol.* 2023;203:451-8. PMID [37540903](#)
723. van Nieuwenhoven FA, Schroen B, **Barile L**, van Middendorp L, Prinzen FW, **Auricchio A**. Plasma Extracellular Vesicles as Liquid Biopsy to Unravel the Molecular Mechanisms of Cardiac Reverse Remodeling Following Resynchronization Therapy? *J Clin Med.* 2023;12:665. PMID [36675594](#)
724. Van Singer M, Brahier T, Koch J, Hugli PO, Weckman AM, Zhong K, Kain TJ, Leligdowicz A, **Bernasconi E**, **Ceschi A**, Parolari S, Vuichard-Gysin D, Kain KC, Albrich WC, Boillat-Blanco N. Validation of sTREM-1 and IL-6 based algorithms for outcome prediction of COVID-19. *BMC Infect Dis.* 2023;23:630. PMID [37752433](#)
725. Vanden Berg RNW, **Zilli T**, Achard V, Dorff T, Abern M. The diagnosis and treatment of castrate-sensitive oligometastatic prostate cancer: A review. *Prostate Cancer Prostatic Dis.* 2023;26:702-11. PMID [37422523](#)
726. Varma N, Parreira L, Tsyganov A, Artyukhina E, Vernooij K, Tondo C, Ascione C, Carvalho S, Egger M, Holm M, Shapieva A, van Stipdonk A, Taymasova I, Zubarev S, **Auricchio A**. Activation time at the left ventricular pacing site (QLV) relative to the actual site of latest activation-Implications for response to cardiac resynchronization therapy. *Heart Rhythm.* 2023;20:1199-201. PMID [37116633](#)
727. Vasella M, Arnke K, Dranseikiene D, Guzzi E, Melega F, Reid G, Klein HJ, **Schweizer R**, Tibbitt MW, Kim BS. Methacrylated Gelatin as a Scaffold for Mechanically Isolated Stromal Vascular Fraction for Cutaneous Wound Repair. *Int J Mol Sci.* 2023;24:13944. PMID [37762247](#)
728. Vasella M, Cirebea J, Gousopoulos E, Wang A, **Schweizer R**, Waldner M, Grieb G, Buehler P, Plock JA, Kim BS. Outcome of Facial Burn Injuries Treated by a Nanofibrous Temporary Epidermal Layer. *J Clin Med.* 2023;12:5273. PMID [37629315](#)
729. Vayssiere P, Broekman M, **Cavallo C**, Engel D, Hadelsberg UP, Hatipoglu Majernik G, Hoellig A, Ilic T, Janz C, Jeltema HR, Mielke D, Rodríguez-Hernández A, Ryang YM, Fozia S, Syrmos N, Vanchaze K, Hernandez-Duran S. Parenthood and neurosurgery in Europe a white paper from the European Association of Neurosurgical Societies' Diversity in Neurosurgery Committee Part I - Family Planning and Practice during Pregnancy. *Brain Spine.* 2023;3:102690. PMID [38021011](#)
730. Verbeeck J, De Backer M, Verwerf J, Salvaggio S, **Valgimigli M**, Vranckx P, Buyse M, Brunner E. Generalized Pairwise Comparisons to Assess Treatment Effects: JACC Review Topic of the Week. *J Am Coll Cardiol.* 2023;82:1360-72. PMID [37730293](#)
731. Viglione V, Boffa A, **Previtali D**, Vannini F, Faldini C, **Filardo G**. The 'placebo effect' in the conservative treatment of plantar fasciitis: a systematic review and meta-analyses. *EFORT Open Rev.* 2023;8:719-30. PMID [37787480](#)
732. **Villa M**, **Le Pera M**, **Cassina T**, Bottega M. Reporting quality of abstracts from randomised controlled trials published in leading critical care nursing journals: a methodological quality review. *BMJ Open.* 2023;13:e070639. PMID [36921935](#)
733. Vismara SA, **Ridolfi A**, **Faré PB**, Bianchetti MG, Lava SAG, Renzi S, Piccoli BTB, Milani GP, **Kottanattu L**. COVID-19, Coronavirus Vaccines, and Possible Association with Lipschütz Vulvar Ulcer: A Systematic Review. *Clin Rev Allergy Immunol.* 2023;65:166-71. PMID [37358748](#)
734. Voci D, Götschi A, Held U, Bingisser R, Colucci G, Duerschmied D, Fumagalli RM, **Gerber B**, Hasse B, Keller DI, Konstantinides SV, Mach F, Rampini SK, Righini M, Robert-Ebadi H, Rosemann T, Roth-Zetsche S, Sebastian T, Simon NR, Spirk D, Stortecky S, Vainora L, Kucher N, Barco S. Enoxaparin for outpatients with COVID-19: 90-day results from the randomised, open-label, parallel-group, multinational, phase III OVID trial. *Thromb Res.* 2023;221:157-63. PMID [36396519](#)
735. **Vogl UM**, McDermott D, Powles T. Adjuvant ipilimumab and nivolumab in renal cell carcinoma: more questions than answers. *Lancet.* 2023;401:796-8. PMID [36774931](#)
736. Vonbach P, Lutters M, **Waldspühl Suter B**, Voirol P, Higi L, Hufschmid Thurnherr E. Digitalisation of the drug prescribing process in Swiss hospitals - results of a survey. *Eur J Hosp Pharm.* 2023;30:e101-e5. PMID [36307184](#)
737. Wagener M, Reuthebuch O, Heg D, Tüller D, **Ferrari E**, Grünenfelder J, Huber C, Moarof I, Muller O, Nietlispach F, Noble S, Roffi M, Taramasso M, Templin C, Toggweiler S, Wenaweser P, Windecker S, Stortecky S, Jeger R. Clinical Outcomes in High-Gradient, Classical Low-Flow, Low-Gradient, and Paradoxical Low-Flow, Low-Gradient Aortic Stenosis After Transcatheter Aortic Valve Implantation: A Report From the SwissTAVI Registry. *J Am Heart Assoc.* 2023;12:e029489. PMID [37301760](#)
738. Wang C, **Pozzoli A**, von Segesser LK, Berdajs D, Tozzi P, **Ferrari E**. Management of left subclavian artery in type B aortic dissection treated with thoracic endovascular aorta repair. *J Vasc Surg.* 2023;77:1553-61.e2. PMID [36272506](#)
739. Wang M, Fu L, Tian J, Zhang Y, **Rossi L**, Wang K. Function and prognosis analysis of nucleolus protein DCAF13 in breast cancer. *Transl Cancer Res.* 2023;12:3744-51. PMID: [38197079](#)
740. Warthmann A, Holbro A, Buser A, Schefer S, Degen Kellerhals S, **Ravelli M**, Passweg J, **Stussi G**, Halter J. BleedHD-a new electronic assessment tool for grading chronic graft-versus-host disease validated in a multicenter and multiprofessional setting. *Bone Marrow Transplant.* 2023;58:613-5. PMID [36859715](#)
741. Weber WP, Davide Gentilini O, Morrow M, Montagna G, de Boniface J, Fitzal F, Wyld L, Rubio IT, Matrai Z, King TA, Saccilotto R, Galimberti V, Maggi N, Andreozzi M, Sacchini V, Castrezana López L, Loesch J, Schwab FD, Eller

- R, Heidinger M, Haug M, Kurzeder C, Di Micco R, Banys-Paluchowski M, Ditsch N, **Harder Y**, Paulinelli RR, Urban C, Benson J, Bjelic-Radisic V, Potter S, Knauer M, Thill M, Vrancken Peeters MJ, Kuemmel S, Heil J, Gulluoglu BM, Tausch C, Ganz-Blaettler U, Shaw J, Dubsy P, Poortmans P, Kaidar-Person O, Kühn T, Gnant M. Uncertainties and controversies in axillary management of patients with breast cancer. *Cancer Treat Rev*. 2023;117:102556. PMID [37126938](#)
742. Weinzierl A, Coerper M, **Harder Y**, Menger MD, Laschke MW. Caloric Restriction: A Novel Conditioning Strategy to Improve the Survival of Ischemically Challenged Musculocutaneous Random Pattern Flaps. *Nutrients*. 2023;15:4076. PMID [37764859](#)
743. Weinzierl A, **Harder Y**, Menger MD, Laschke MW. Perioperative Intermittent Fasting Protects Ischemic Musculocutaneous Flap Tissue from Necrosis. *Plast Reconstr Surg*. 2023;151:1030-41. PMID [36729384](#)
744. Weinzierl A, **Harder Y**, **Schmauss D**, Menger MD, Laschke MW. Microvascular Fragments Protect Ischemic Musculocutaneous Flap Tissue from Necrosis by Improving Nutritive Tissue Perfusion and Suppressing Apoptosis. *Biomedicines*. 2023;11:1454. PMID [37239125](#)
745. Welzel T, Atkinson A, Schöbi N, Andre MC, Bailey DGN, Blanchard-Rohner G, Buettcher M, Grazioli S, Koehler H, Perez MH, Trüch J, **Vanoni F**, Zimmermann P, Sanchez C, Bielicki JA, Schlapbach LJ. Methylprednisolone versus intravenous immunoglobulins in children with paediatric inflammatory multisystem syndrome temporally associated with SARS-CoV-2 (PIMS-TS): an open-label, multicentre, randomised trial. *Lancet Child Adolesc Health*. 2023;7:238-48. PMID [36746174](#)
746. Westin JR, Locke FL, Dickinson M, Ghobadi A, Elsayy M, van Meerten T, Miklos DB, Ulrickson ML, Perales MA, Farooq U, **Wannesson L**, Leslie L, Kersten MJ, Jacobson CA, Pagel JM, Wulf G, Johnston P, Rapoport AP, Du L, Vardhanabhuti S, Filosto S, Shah J, Snider JT, Cheng P, To C, Oluwole OO, Sureda A. Safety and Efficacy of Axicabtagene Ciloleucel versus Standard of Care in Patients 65 Years of Age or Older with Relapsed/Refractory Large B-Cell Lymphoma. *Clin Cancer Res*. 2023;29:1894-905. PMID [36999993](#)
747. Wiegand N, Geyer M, **Lollo G**, Wuillemin WA, Aepli P, Frei R, Godat S, Manz M, Seewald S, The FO, Wiest R, Borovicka J, Brand S, Buyse S, Degen L, Ehmann T, Riniker F, Riva D, Semela D, Truninger K, Utzinger E, Vonlaufen A. Antithrombotic therapy and assessment for bleeding diathesis in elective gastrointestinal endoscopy - Expert Opinion Statement on behalf of the Swiss Society of Gastroenterology. *Praxis (Bern 1994)*. 2023;112:635-41. PMID [38193471](#)
748. Wiest C, He S, Duchet B, Pogosyan A, Benjaber M, Denison T, Hasegawa H, Ashkan K, Baig F, **Bertaina I**, Morgante F, Pereira EA, Torrecillos F, Tan H. Evoked resonant neural activity in subthalamic local field potentials reflects basal ganglia network dynamics. *Neurobiol Dis*. 2023;178:106019. PMID [36706929](#)
749. Wlodarczak A, Montorsi P, Torzewski J, Bennett J, Starmer G, Buck T, Haude M, **Mocchetti M**, Wiemer M, Lee MK, Verheye S. One- and two-year clinical outcomes of treatment with resorbable magnesium scaffolds for coronary artery disease: the prospective, international, multicentre BIOSOLVE-IV registry. *EuroIntervention*. 2023;19:232-9. PMID [37226676](#)
750. Wueest AS, Zuber P, Coslovsky M, Rommers N, Rodondi N, Gencer B, **Moschovitis G**, **De Perna ML**, Beer JH, Reichlin T, Krisai P, Springer A, Conen D, Stauber A, Mueller AS, Paladini RE, Kuhne M, Osswald S, Monsch AU, Bonati LH. Mid-term changes in cognitive functions in patients with atrial fibrillation: a longitudinal analysis of the Swiss-AF cohort. *Front Cardiovasc Med*. 2023;10:1212587. PMID [37600058](#)
751. Wühl E, Calpe J, Drożdż D, Erdine S, Fernandez-Aranda F, Hadjipanayis A, Hoyer PF, Jankauskiene A, Jiménez-Murcia S, Litwin M, Mancía G, Mazur A, Pall D, Seeman T, Sinha MD, **Simonetti G**, Stabouli S, Lurbe E. Joint statement for assessing and managing high blood pressure in children and adolescents: Chapter 2. How to manage high blood pressure in children and adolescents. *Front Pediatr*. 2023;11:1140617. PMID [37124176](#)
752. **Xhepa G**, Vanzulli A, Sciacqua LV, Inzerillo A, Faerber P, Ierardi AM, Carrafiello G, **Del Grande F**, Ricoeur A. Advancements in Treatment Strategies for Chronic Mesenteric Ischemia: A Comprehensive Review. *J Clin Med*. 2023;12:7112. PMID [38002726](#)
753. Yamamoto M, Hayashida K, Hengstenberg C, Watanabe Y, Van Mieghem NM, Jin J, Saito S, **Valgimigli M**, Nicolas J, Mehran R, Moreno R, Kimura T, Chen C, Unverdorben M, Dangas GD. Predictors of All-Cause Mortality After Successful Transcatheter Aortic Valve Implantation in Patients With Atrial Fibrillation. *Am J Cardiol*. 2023;207:150-8. PMID [37741105](#)
754. Yekedüz E, McKay RR, **Gillesen S**, Choueiri TK, Ürün Y. Visceral Metastasis Predicts Response to New Hormonal Agents in Metastatic Castration-Sensitive Prostate Cancer. *Oncologist*. 2023;28:596-603. PMID [37084289](#)
755. Yuen N, Mlynash M, O'Riordan A, Lansberg M, Christensen S, **Cereda CW**, **Bianco G**, Giurgiutiu DV, Alemseged F, Pileggi M, Campbell B, Albers GW, Heit JJ. Cerebral perfusion imaging predicts final infarct volume after basilar artery thrombectomy. *J Stroke Cerebrovasc Dis*. 2023;32:106866. PMID [36427471](#)
756. **Zaed I**, **Cardia A**. Letter: I Asked a ChatGPT to Write an Editorial About How We Can Incorporate Chatbots Into Neurosurgical Research and Patient Care.... *Neurosurgery*. 2023;93:e107-e8. PMID [37498091](#)
757. **Zaed I**, Chibbaro S. In Reply to the Letter to the Editor Regarding "Burnout Among Neurosurgeons and Residents in Neurosurgery: A Systematic Review and Meta-Analysis of the Literature". *World Neurosurg*. 2023;178:282. PMID [37803673](#)
758. **Zaed I**, Della Pepa GM, Cannizzaro D, Menna G, **Cardia A**. Applicability and efficacy of ultrasound elastography in neurosurgery: a systematic review of the literature. *J Neurosurg Sci*. 2023;67:750-7. PMID [36239425](#)
759. **Zaed I**, **Marchi F**, Cannizzaro D, **Cardia A**. Improving neurosurgical research through a

- trainee-led research community. *J Neurosurg Sci.* 2023;67:773-4. PMID [37306619](#)
760. **Zaed I, Marchi F, Milani D, Cabrilo I, Cardia A.** Role of Enhanced Recovery after Surgery (ERAS) Protocol in the Management of Elderly Patients with Glioblastoma. *J Clin Med.* 2023;12:6032. PMID [37762972](#)
761. Zamanian M, **Treglia G**, Abedi I. Diagnostic Accuracy of PET with Different Radiotracers versus Bone Scintigraphy for Detecting Bone Metastases of Breast Cancer: A Systematic Review and a Meta-Analysis. *J Imaging.* 2023;9:274. PMID [38132692](#)
762. **Zanca KM, Marcantonio M, Pini R, Mongelli F, La Regina D, Cianfarani A.** Intestinal ischemia due to internal hernia beneath the right external iliac artery after laparoscopic hysterectomy and lymphadenectomy: A case report. *Int J Surg Case Rep.* 2023;106:108187. PMID [37058801](#)
763. Zanchi B, Faraci FD, Gharaviri A, **Bergonti M**, Monga T, **Auricchio A, Conte G.** Identification of Brugada syndrome based on P-wave features: an artificial intelligence-based approach. *Europace.* 2023;25:euad334. PMID [37944131](#)
764. Zander T, Pabst T, Schär S, Aebi S, Mey U, Novak U, **Lerch E**, Rhyner Agocs G, Goede J, Maniecka Z, Hayoz S, Rüfer A, Renner C, Driessen C. Alternate-day dosing of pomalidomide in relapsed/refractory multiple myeloma: a multicenter, single-arm phase 2 trial. *Leukemia.* 2023;37:699-701. PMID [36635391](#)
765. Zappia M, Albano D, Aliprandi A, Barile A, Brunese L, Castagna A, Cozzolino A, De Filippo M, Di Pietto F, Di Salvatore MG, Genovese EA, Guarino S, Guerriero P, Merolla G, Messina C, Ranieri R, Romano AM, Russo R, Tumminello M, Rossi PS, Sconfienza LM, **Chianca V.** Glenoid bone loss in anterior shoulder dislocation: a multicentric study to assess the most reliable imaging method. *Radiol Med.* 2023;128:93-102. PMID [36562906](#)
766. **Zecca C**, Terrazzino S, **Para D, Campagna G, Viana M**, Schankin CJ, **Gobbi C.** Response to erenumab assessed by Headache Impact Test-6 is modulated by genetic factors and arterial hypertension: An explorative cohort study. *Eur J Neurol.* 2023;30:1099-108. PMID [36627267](#)
767. Zeeb M, Tepekule B, Kusejko K, Reiber C, Kälin M, Bartl L, Notter J, Furrer H, Hoffmann M, Hirsch HH, Calmy A, Cavassini M, Labhardt ND, **Bernasconi E**, Braun DL, Günthard HF, Kouyos RD, Nemeth J. Understanding the Decline of Incident, Active Tuberculosis in People With Human Immunodeficiency Virus in Switzerland. *Clin Infect Dis.* 2023;77:1303-11. PMID [37257071](#)
768. **Zielli T**, Labidi-Galy I, **Del Grande M, Sessa C, Colombo I.** The clinical challenges of homologous recombination proficiency in ovarian cancer: from intrinsic resistance to new treatment opportunities. *Cancer Drug Resist.* 2023;6:499-516. PMID [37842243](#)
769. **Zilli T**, Jorcano S, Bral S, Symon Z, Rubio C, Bruynzeel AME, Ibrahimov R, Minn H, Oliveira A, Bertaut A, Constantin G, Miralbell R. Every-Other-Day Versus Once-a-Week Urethra-Sparing Prostate Stereotactic Body Radiation Therapy: 5-Year Results of a Randomized Phase 2 Trial. *Int J Radiat Oncol Biol Phys.* 2023;117:791-8. PMID [37001763](#)
770. Zirilli A, Ruggeri RM, Barbalace MC, Hrelia S, **Giovanella L**, Campenni A, Cannavò S, Alibrandi A. The Influence of Food Regimes on Oxidative Stress: A Permutation-Based Approach Using the NPC Test. *Healthcare (Basel).* 2023;11:2236. PMID [37628461](#)
771. **Zucca E, Rossi D, Bertoni F.** Marginal zone lymphomas. *Hematol Oncol.* 2023;41 Suppl 1:88-91. PMID [37294969](#)



List of publications for each Institute or Department

The background features a complex network of light blue lines connecting various sized nodes, some of which are solid blue circles. Two wireframe spheres, one on the left and one at the bottom center, are also visible against a light blue gradient background.

Oncology Institute of Southern Switzerland

Publications are listed in alphabetical order for each section: original articles (including meta-analyses, surveys, research letters, consensus and delphi-based consensus paper); reviews (including systematic reviews without meta-analyses, protocols); editorials or letters or comments; case reports. EOC authors affiliated with the Institute/Department are highlighted in bold.

Original articles

1. Ademaj A, Veltsista PD, Marder D, Hälg RA, Puric E, Brunner TB, Crezee H, Gabrys D, Franckena M, Gani C, Horsman MR, Krempien R, Lindner LH, Maluta S, Notter M, Petzold G, Abdel-Rahman S, **Richetti A**, Thomsen AR, Tsoutsou P, Fietkau R, Ott OJ, Ghadjar P, Riesterer O. A patterns of care analysis of hyperthermia in combination with radio(chemo)therapy or chemotherapy in European clinical centers. *Strahlenther Onkol.* 2023;199:436-44. PMID [36038671](#)
2. Alvarez-Arzola R, Bancaro N, Lai P, Attanasio G, Pellegrini L, Troiani M, Colucci M, Mosole S, Pasquini E, **Alimonti A**, Mesa C. VSSP-activated macrophages mediate senescence and tumor inhibition in a preclinical model of advanced prostate cancer. *Cell Commun Signal.* 2023;21:76. PMID [37055829](#)
3. Arruga F, Rubin M, Papazoglou D, Iannello A, Ioannou N, Moia R, **Rossi D**, Gaidano G, Coscia M, Laurenti L, D'Arena G, Allan JN, Furman RR, Vaisitti T, Ramsay AG, Deaglio S. The immunomodulatory molecule TIGIT is expressed by chronic lymphocytic leukemia cells and contributes to anergy. *Haematologica.* 2023;108:2101-15. PMID [36655432](#)
4. Attard G, Murphy L, Clarke NW, Sachdeva A, Jones C, Hoyle A, Cross W, Jones RJ, Parker CC, **Gillessen S**, Cook A, Brawley C, Gilson C, Rush H, Abdel-Aty H, Amos CL, Murphy C, Chowdhury S, Malik Z, Russell JM, Parker N, Pugh C, Diaz-Montana C, Pezaro C, Grant W, Saxby H, Pedley I, O'Sullivan JM, Birtle A, Gale J, Srihari N, Thomas C, Tanguay J, Wagstaff J, Das P, Gray E, Alzouebi M, Parikh O, Robinson A, Montazeri AH, Wylie J, Zarkar A, Cathomas R, Brown MD, Jain Y, Dearnaley DP, Mason MD, Gilbert D, Langley RE, Millman R, Matheson D, Sydes MR, Brown LC, Parmar MKB, James ND. Abiraterone acetate plus prednisolone with or without enzalutamide for patients with metastatic prostate cancer starting androgen deprivation therapy: final results from two randomised phase 3 trials of the STAMPEDE platform protocol. *Lancet Oncol.* 2023;24:443-56. PMID [37142371](#)
5. Bamias A, Stenzl A, Brown SL, Albiges L, Babjuk M, Birtle A, Briganti A, Burger M, Choudhury A, Colecchia M, De Santis M, Fanti S, Fonteyne V, Gallucci M, Rivas JG, Huddart R, Junker K, Kroeze S, Loriot Y, Merseburger A, Montironi R, Necchi A, Oing C, Oldenburg J, Ost P, Pinkawa M, Ribal MJ, Roupôt M, Thoeny H, **Zilli T**, Hoskin P. Definition and Diagnosis of Oligometastatic Bladder Cancer: A Delphi Consensus Study Endorsed by the European Association of Urology, European Society for Radiotherapy and Oncology, and European Society of Medical Oncology Genitourinary Faculty. *Eur Urol.* 2023;84:381-9. PMID [37217391](#)
6. Bancaro N, Cali B, Troiani M, Elia AR, Arzola RA, Attanasio G, Lai P, Crespo M, Gurel B, Pereira R, Guo C, Mosole S, Brina D, D'Ambrosio M, Pasquini E, Spataro C, Zagato E, Rinaldi A, Pedotti M, **Di Lascio S**, Meani F, Montopoli M, Ferrari M, Gallina A, Varani L, **Pereira Mestre R**, Bolis M, **Gillessen Sommer S**, de Bono J, Calcinotto A, **Alimonti A**. Apolipoprotein E induces pathogenic senescent-like myeloid cells in prostate cancer. *Cancer Cell.* 2023;41:602-19.e11. PMID [36868226](#)
7. Barco S, Virdone S, Götschi A, Ageno W, Arcelus JI, Bingisser R, Colucci G, Cools F, Duerschmied D, Gibbs H, Fumagalli RM, **Gerber B**, Haas S, Himmelreich JCL, Hobbs R, Hobohm L, Jacobson B, Kayani G, Lopes RD, MacCallum P, Micieli E, Righini M, Robert-Ebadi H, Rocha AT, Rosemann T, Sawhney J, Schellong S, Sebastian T, Spirk D, Stortecky S, Turpie AGG, Voci D, Kucher N, Pieper K, Held U, Kakkar AK. Enoxaparin for symptomatic COVID-19 managed in the ambulatory setting: An individual patient level analysis of the OVID and ETHIC trials. *Thromb Res.* 2023;230:27-32. PMID [37625200](#)
8. Baroutsou V, Duong V, Signorini A, Saccilotto R, Ciorba FM, Bürki N, Caiata-Zufferey M, Ryu JM, Kim SW, Lim MC, Monnerat C, Zürcher-Härdi U, Kim J, Heinemann K, **Graffeo R**, Park JS, Rabaglio M, Chappuis PO, Kim S, Katapodi MC, On Behalf Of The C, Consortia KC. Acceptability and Usability of the Family Gene Toolkit for Swiss and Korean Families Harboring BRCA1/BRAC2 Pathogenic Variants: A Web-Based Platform for Cascade Genetic Testing. *Cancers (Basel).* 2023;15:4485. PMID [37760455](#)
9. Barreca M, Spanò V, Rocca R, Bivacqua R, Gualtieri G, Raimondi MV, Gaudio E, Bortolozzi R, Manfreda L, Bai R, Montalbano A, Alcaro S, Hamel E, **Bertoni F**, Viola G, Barraja P. Identification of pyrrolo[3',4':3,4]cyclohepta[1,2-d][1,2]oxazoles as promising new candidates for the treatment of lymphomas. *Eur J Med Chem.* 2023;254:115372. PMID [37068384](#)
10. Brina D, Ponzoni A, Troiani M, Cali B, Pasquini E, Attanasio G, Mosole S, Mirenda M, D'Ambrosio M, Colucci M, Guccini I, Revandkar A, Alajati A, Tebaldi T, Donzel D, Lauria F, Parhizgari N, Valdata A, Maddalena M, Calcinotto A, Bolis M, Rinaldi A, Barry S, Rüschoff JH, Sabbadin M, Sumanasuriya S, Crespo M, Sharp A, Yuan W, Grinu M, Boyle A, Miller C, Trotman L, Delaleu N, Fassan M, Moch H, Viero G, de Bono J, **Alimonti A**. The Akt/mTOR and MNK/elf4E pathways rewire the prostate cancer transcriptome to secrete HGF, SPP1 and BGN and recruit suppressive myeloid cells. *Nat Cancer.* 2023;4:1102-21. PMID [37460872](#)
11. Burger A, Studt JD, Mendez A, Alberio L, Fontana P, Wuillemin WA, Schmidt A, Graf L, **Gerber B**, Bovet C, Sauter TC, Binder NB, Nagler M. Determination of Anti-Xa Inhibitor Plasma Concentrations Using a Universal Edoxaban Calibrator. *Diagnostics (Basel).* 2023;13:2128. PMID [37371023](#)
12. Çakar E, Oniangue-Ndza C, Schneider RP, Klijn SL, **Vogl UM**, Rothermundt C, May JR. Cost-

- Effectiveness of Nivolumab Plus Ipilimumab for the First-Line Treatment of Intermediate/Poor-Risk Advanced and/or Metastatic Renal Cell Carcinoma in Switzerland. *Pharmacoecon Open*. 2023;7:567-77. PMID [36757568](#)
13. Canale FP, Neumann J, von Renesse J, Loggi E, Pecoraro M, Vogel I, Zoppi G, Antonini G, Wolf T, Jin W, Zheng X, La Barba G, Birgin E, Forkel M, Nilsson T, Marone R, Mueller H, Pelletier N, Jeker LT, Civenni G, Schlapbach C, Catapano CV, Seifert L, Seifert AM, **Gillesen S, De Dosso S**, Cristaudi A, Rahbari NN, Ercolani G, Geiger R. Proteomics of immune cells from liver tumors reveals immunotherapy targets. *Cell Genom*. 2023;3:100331. PMID [37388918](#)
 14. Cannici C, **Liptrott SJ**, Serra N, Samarani E, De Cecco V, Caime A, Galgano L, Rostagno E, **Orlando L**, Gargiulo G, Cioce M, Lupo R, Capuano A, Rea T, Botti S. Predictive factors of sleep quality and burnout in nurses working in transplant units during the COVID-19 lockdown - A cross-sectional study. *Contemp Nurse*. 2023;59:362-76. PMID [37550812](#)
 15. Cardia A, Epistolio S, Zaed I, Sahnane N, Cerutti R, Cipriani D, Barizzi J, Spina P, Stefanini FM, Cerati M, Balbi S, Mazzucchelli L, Sessa F, **Pesce GA**, Reinert M, Frattini M, Marchi F. Identification of MGMT Downregulation Induced by miRNA in Glioblastoma and Possible Effect on Temozolomide Sensitivity. *J Clin Med*. 2023;12:2061. PMID [36902848](#)
 16. Castello A, Albano D, **Muio B**, Castellani M, Panareo S, Rizzo A, Treglia G, Urso L. Diagnostic Accuracy of PET with (18)F-Fluciclovine ((18)F]FACBC) in Detecting High-Grade Gliomas: A Systematic Review and Meta-Analysis. *Diagnostics (Basel)*. 2023;13:3610. PMID [38132194](#)
 17. **Cefali M**, Scala I, **Pavone G**, Helbling D, Hussung S, Fritsch R, Reiner C, Stocker S, Koeberle D, Kissling M, Chianca V, Del Grande F, **De Dosso S**, Rizzo S. Is Computed-Tomography-Based Body Composition a Reliable Predictor of Chemotherapy-Related Toxicity in Pancreatic Cancer Patients? *Cancers (Basel)*. 2023;15:4398. PMID [37686674](#)
 18. **Cekani E, Martorell C, Martucci F**, Patella M, Cafarotti S, Valenti A, Freguia S, Molinari F, **Froesch P**, Frattini M, **Stathis A, Wannesson L**. Prognostic implication of PD-L1 in early-stage non-small cell lung cancer: a retrospective single-centre study. *Swiss Med Wkly*. 2023;153:40110. PMID [37769653](#)
 19. Chen C, Li J, **Rossi L**, Sun P, She T, He F. Prognostic role of serum soluble ST2 of advanced breast cancer patients: a retrospective cohort study. *Transl Cancer Res*. 2023;12:2128-37. PMID [37701118](#)
 20. Chung EYL, Sartori G, Ponzoni M, Cascione L, Priebe V, Xu-Monette ZY, Fang X, Zhang M, Visco C, Tzankov A, Rinaldi A, Sgrignani J, **Zucca E, Rossi D**, Cavalli A, Inghirami G, Scott DW, Young KH, **Bertoni F**. ETS1 phosphorylation at threonine 38 is associated with the cell of origin of diffuse large B cell lymphoma and sustains the growth of tumour cells. *Br J Haematol*. 2023;203:244-54. PMID [37584198](#)
 21. Colombo N, Gadducci A, Sehoul J, Rulli E, Mäenpää J, **Sessa C**, Montes A, Ottevanger NB, Berger R, Vergote I, D'Incalci M, Churrua Galaz C, Chekerov R, Nyvang GB, Riniker S, Herbertson R, Fossati R, Barretina-Ginesta MP, Deryal M, Mirza MR, Biagioli E, Iglesias M, Funari G, Romeo M, Tasca G, Pardo B, Tognon G, Rubio-Pérez MJ, DeCensi A, De Giorgi U, Zola P, Benedetti Panici P, Aglietta M, Arcangeli V, Zamagni C, Bologna A, Westermann A, Heinzelmann-Schwarz V, Tsibulak I, Wimberger P, Poveda A. INOVATYON/ ENGOT-ov5 study: Randomized phase III international study comparing trabectedin/pegylated liposomal doxorubicin (PLD) followed by platinum at progression vs carboplatin/PLD in patients with recurrent ovarian cancer progressing within 6-12 months after last platinum line. *Br J Cancer*. 2023;128:1503-13. PMID [36759720](#)
 22. Colomer-Lahiguera S, Canella C, Giacomini S, Van KL, Pedrazzani C, Naegele M, Thouvenin L, O'Meara Stern A, **Condorelli R**, Corbière T, Witt CM, Eicher M, Ribí K. Patient-reported experiences of cancer care related to the COVID-19 pandemic in Switzerland. *Support Care Cancer*. 2023;31:410. PMID [37347278](#)
 23. De Pascale M, Bissegger L, Tarantelli C, Beaufils F, Prescimone A, Mohamed Seid Hedad H, Kayali O, Orbegozo C, Raguž L, Schaefer T, Hebeisen P, **Bertoni F**, Wymann MP, Borsari C. Investigation of morpholine isosters for the development of a potent, selective and metabolically stable mTOR kinase inhibitor. *Eur J Med Chem*. 2023;248:115038. PMID [36634458](#)
 24. **Deantonio L**, Vigna L, Paolini M, Matheoud R, Sacchetti GM, Masini L, Loi G, Brambilla M, Krenkli M. Application of a smart 18F-FDG-PET adaptive threshold segmentation algorithm for the biological target volume delineation in head and neck cancer. *Q J Nucl Med Mol Imaging*. 2023;67:238-44. PMID [35238518](#)
 25. Diviani N, Bennardi M, **Gamondi C**, Saletti P, **Stüssi G**, Delbue-Luisoni M, Rubinelli S. Awareness, attitudes, and beliefs about palliative care: Results from a representative survey of the Italian-speaking Swiss population. *PLoS One*. 2023;18:e0294807. PMID [38015954](#)
 26. Eertink JJ, Zwezerijnen GJC, Heymans MW, Pieplensbosch S, Wieggers SE, Dürsen U, Hüttmann A, Kurch L, Hanoun C, Lugtenburg PJ, Barrington SF, Mikhaeel NG, Ceriani L, **Zucca E**, Czibor S, Györke T, Chamuleau MED, Hoekstra OS, de Vet HCW, Boellaard R, Zijlstra JM. Baseline PET radiomics outperforms the IPI risk score for prediction of outcome in diffuse large B-cell lymphoma. *Blood*. 2023;141:3055-64. PMID [37001036](#)
 27. Eichenauer DA, Bühnen I, Baues C, Kobe C, Kaul H, Greil R, **Moccia A**, Zijlstra JM, Hertenstein B, Topp MS, Just M, von Tresckow B, Eich HT, Fuchs M, Dietlein M, Hartmann S, Engert A, Borchmann P. Interim PET-guided treatment for early-stage NLPHL: a subgroup analysis of the randomized GHSG HD16 and HD17 studies. *Blood*. 2023;142:553-60. PMID [37257195](#)
 28. Fankhauser CD, Jandari A, Collette L, Tandstad T, Jiang DM, De Giorgi U, Sweeney C, Terbuch A, Chovanec M, Huddart R, Bokemeyer C, Beyer J,

- Gillessen S.** Prechemotherapy Not Preorchietomy Serum Tumor Markers Accurately Identify International Germ Cell Cancer Collaborative Group Prognostic Groups in Nonseminoma. *Eur Urol Open Sci.* 2023;56:25-8. PMID [37711670](#)
29. Fischer S, Rothermundt C, Stalder O, Terbuch A, Hermanns T, Zihler D, Müller B, Fankhauser CD, Hirschi-Blickenstorfer A, Seifert B, Kluth LA, Ufe MP, Mingrone W, Templeton AJ, Fischer N, Rothschild S, Woelky R, **Gillessen S**, Cathomas R. The Value of Tumour Markers in the Detection of Relapse-Lessons Learned from the Swiss Austrian German Testicular Cancer Cohort Study. *Eur Urol Open Sci.* 2023;50:57-60. PMID [36874175](#)
30. Gaertner J, **Fusi-Schmidhauser T**, Stock S, Siemens W, Venedey V. Effect of opioids for breathlessness in heart failure: a systematic review and meta-analysis. *Heart.* 2023;109:1064-71. PMID [36878671](#)
31. Gallon J, Rodriguez-Calero A, Benjak A, Akhoundova D, Maletti S, Amstutz U, Hewer E, Genitsch V, Fleischmann A, Rushing EJ, Grobholz R, Fischer I, Jochum W, Cathomas G, Osunkoya AO, Bubendorf L, Moch H, Thalmann G, Feng FY, **Gillessen S**, Ng CKY, Rubin MA, Piscuoglio S. DNA Methylation Landscapes of Prostate Cancer Brain Metastasis Are Shaped by Early Driver Genetic Alterations. *Cancer Res.* 2023;83:1203-13. PMID [36749655](#)
32. Gasparri ML, Albasini S, Truffi M, Favilla K, Tagliaferri B, Piccotti F, Bossi D, Armatura G, Calcinotto A, Chiappa C, Combi F, Curcio A, Della Valle A, Ferrari G, Folli S, Ghilli M, Listorti C, Mancini S, Marinello P, Mele S, Pertusati A, Roncella M, **Rossi L**, Rovera F, Segattini S, Sgarella A, Tognali D, Corsi F. Low neutrophil-to-lymphocyte ratio and pan-immune-inflammation-value predict nodal pathologic complete response in 1274 breast cancer patients treated with neoadjuvant chemotherapy: a multicenter analysis. *Ther Adv Med Oncol.* 2023;15:17588359231193732. PMID [37720495](#)
33. **Gillessen S**, Bossi A, Davis ID, de Bono J, Fizazi K, James ND, Mottet N, Shore N, Small E, Smith M, Sweeney CJ, Tombal B, Antonarakis ES, Aparicio AM, Armstrong AJ, Attard G, Beer TM, Beltran H, Bjartell A, Blanchard P, Briganti A, Bristow RG, Bulbul M, Caffo O, Castellano D, Castro E, Cheng HH, Chi KN, Chowdhury S, Clarke CS, Clarke N, Daugaard G, De Santis M, Duran I, Eeles R, Efstathiou E, Efstathiou J, Ekeke ON, Evans CP, Fanti S, Feng FY, Fonteyne V, Fossati N, Frydenberg M, George D, Gleave M, Gravis G, Halabi S, Heinrich D, Herrmann K, Higano C, Hofman MS, Horvath LG, Hussain M, Jereczek-Fossa BA, Jones R, Kanesvaran R, Kellokumpu-Lehtinen PL, Khauli RB, Klotz L, Kramer G, Leibowitz R, Logothetis C, Mahal B, Maluf F, Mateo J, Matheson D, Mehra N, Merseburger A, Morgans AK, Morris MJ, Mrabti H, Mukherji D, Murphy DG, Murthy V, Nguyen PL, Oh WK, Ost P, O'Sullivan JM, Padhani AR, Pezaro C, Poon DMC, Pritchard CC, Rabah DM, Rathkopf D, Reiter RE, Rubin MA, Ryan CJ, Saad F, Sade JP, Sartor O, Scher HI, Sharifi N, Skoneczna I, Soule H, Spratt DE, Srinivas S, Sternberg CN, Steuber T, Suzuki H, Sydes MR, Taplin ME, Tilki D, Türkeri L, **Turco F**, Uemura H, Uemura H, Ürün Y, Vale CL, van Oort I, Vapiwala N, Walz J, Yamoah K, Ye D, Yu EY, Zapatero A, **Zilli T**, Omlin A. Management of Patients with Advanced Prostate Cancer. Part I: Intermediate-/High-risk and Locally Advanced Disease, Biochemical Relapse, and Side Effects of Hormonal Treatment: Report of the Advanced Prostate Cancer Consensus Conference 2022. *Eur Urol.* 2023;83:267-93. PMID [36494221](#)
34. **Gillessen S**, Bossi A, Davis ID, de Bono J, Fizazi K, James ND, Mottet N, Shore N, Small E, Smith M, Sweeney C, Tombal B, Antonarakis ES, Aparicio AM, Armstrong AJ, Attard G, Beer TM, Beltran H, Bjartell A, Blanchard P, Briganti A, Bristow RG, Bulbul M, Caffo O, Castellano D, Castro E, Cheng HH, Chi KN, Chowdhury S, Clarke CS, Clarke N, Daugaard G, De Santis M, Duran I, Eeles R, Efstathiou E, Efstathiou J, Ngozi Ekeke O, Evans CP, Fanti S, Feng FY, Fonteyne V, Fossati N, Frydenberg M, George D, Gleave M, Gravis G, Halabi S, Heinrich D, Herrmann K, Higano C, Hofman MS, Horvath LG, Hussain M, Jereczek-Fossa BA, Jones R, Kanesvaran R, Kellokumpu-Lehtinen PL, Khauli RB, Klotz L, Kramer G, Leibowitz R, Logothetis CJ, Mahal BA, Maluf F, Mateo J, Matheson D, Mehra N, Merseburger A, Morgans AK, Morris MJ, Mrabti H, Mukherji D, Murphy DG, Murthy V, Nguyen PL, Oh WK, Ost P, O'Sullivan JM, Padhani AR, Pezaro C, Poon DMC, Pritchard CC, Rabah DM, Rathkopf D, Reiter RE, Rubin MA, Ryan CJ, Saad F, Pablo Sade J, Sartor OA, Scher HI, Sharifi N, Skoneczna I, Soule H, Spratt DE, Srinivas S, Sternberg CN, Steuber T, Suzuki H, Sydes MR, Taplin ME, Tilki D, Türkeri L, **Turco F**, Uemura H, Uemura H, Ürün Y, Vale CL, van Oort I, Vapiwala N, Walz J, Yamoah K, Ye D, Yu EY, Zapatero A, **Zilli T**, Omlin A. Management of Patients with Advanced Prostate Cancer. Part I: Intermediate-/High-risk and Locally Advanced Disease, Biochemical Relapse, and Side Effects of Hormonal Treatment: Report of the Advanced Prostate Cancer Consensus Conference 2022. *Eur Urol.* 2023;83:267-93. PMID [36494221](#)
35. **Gillessen S**, Procopio G, Hayoz S, Kremer E, Schwitter M, Caffo O, Lorente D, Pedrazzini A, Roubaud G, Nenán S, Omlin A, Buttigliero C, Delgado Mingorance JI, González-Del-Alba A, Delgado MT, Nole F, **Turco F**, **Pereira Mestre R**, Ribi K, Cathomas R. Darolutamide Maintenance in Patients With Metastatic Castration-Resistant Prostate Cancer With Nonprogressive Disease After Taxane Treatment (SAKK 08/16). *J Clin Oncol.* 2023;41:3608-15. PMID [36753698](#)
36. Gjørde LK, Eeltink C, Stringer J, Mooyaart J, Bosman P, Kenyon M, **Liptrott S**, Greenfield DM, Linke A, Turlure P, Botti S, Dzaferagic D, Sica S, Welsh L, Kisch A, Perić Z, Schoemans H, Murray J. Sexual function of adult long-term survivors and their partners after allogeneic hematopoietic cell transplantation in Europe (S-FAST): a study from the Transplant Complications Working Party and Nurses Group of the EBMT. *Bone Marrow Transplant.* 2023;58:195-202. PMID [36376470](#)
37. Guccini I, Tang G, To TT, Di Rito L, Le Blanc S, Strobel O, D'Ambrosio M, Pasquini E, Bolis M, Silva P, Kabakci HA, Godbersen S, **Alimonti A**, Schwank G, Stoffel M. Genetic ablation of

- ketohehexokinase C isoform impairs pancreatic cancer development. *iScience*. 2023;26:107368. PMID [37559908](#)
38. Guidetti F, Arribas AJ, Sartori G, Spriano F, Barnabei L, Tarantelli C, Von Roemeling R, Martinez E, **Zucca E**, **Bertoni F**. Targeting IRAK4 with Emavusertib in Lymphoma Models with Secondary Resistance to PI3K and BTK Inhibitors. *J Clin Med*. 2023;12:399. PMID [36675328](#)
 39. Guillemain PC, Sinden D, M'Rad Y, Schwenke M, Le Guevelou J, Uiterwijk JWE, Lorton O, Scheffler M, Poletti P-A, Jenne J, **Zilli T**, Salomir R. A Novel Concept of Transperineal Focused Ultrasound Transducer for Prostate Cancer Local Deep Hyperthermia Treatments. *Cancers (Basel)*. 2023;15:163. PMID [36612159](#)
 40. Guo C, Figueiredo I, Gurel B, Neeb A, Seed G, Crespo M, Carreira S, Rekowski J, Buroni L, Welti J, Bogdan D, Gallagher L, Sharp A, Fenor de la Maza MD, Rescigno P, Westaby D, Chandran K, Riisnaes R, Ferreira A, Miranda S, Cali B, **Alimonti A**, Bressan S, Nguyen AHT, Shen MM, Hawley JE, Obradovic A, Drake CG, Bertan C, Baker C, Tunariu N, Yuan W, de Bono JS. B7-H3 as a Therapeutic Target in Advanced Prostate Cancer. *Eur Urol*. 2023;83:224-38. PMID [36114082](#)
 41. Guo C, Sharp A, Gurel B, Crespo M, Figueiredo I, Jain S, **Vogl U**, Rekowski J, Rouhifard M, Gallagher L, Yuan W, Carreira S, Chandran K, Paschalis A, **Colombo I**, **Stathis A**, Bertan C, Seed G, Goodall J, Raynaud F, Ruddle R, Swales KE, Malia J, Bogdan D, Tiu C, Caldwell R, Aversa C, Ferreira A, Neeb A, Tunariu N, Westaby D, Carmichael J, Fenor de la Maza MD, Yap C, Matthews R, Badham H, Prout T, Turner A, Parmar M, Tovey H, Riisnaes R, Flohr P, Gil J, Waugh D, Decordova S, Schlag A, Cali B, **Alimonti A**, de Bono JS. Targeting myeloid chemotaxis to reverse prostate cancer therapy resistance. *Nature*. 2023;623:1053-61. PMID [37844613](#)
 42. Hall C, Eniu A, Rassy E, **Cavalli F**, Costa A, Peccatori F, Rolfo C, Pavlidis N. The educational contribution of the college of the European school of oncology (ESCO): A survey analysis of the first three years. *Crit Rev Oncol Hematol*. 2023;192:104145. PMID [37783317](#)
 43. Hammerer-Lercher A, Nilius H, Studt JD, Tsakiris DA, Greinacher A, Mendez A, Schmidt A, Wuillemin WA, **Gerber B**, Kremer Hovinga JA, Vishnu P, Graf L, Bakchoul T, Nagler M. Limited concordance of heparin/platelet factor 4 antibody assays for the diagnosis of heparin-induced thrombocytopenia: an analysis of the TORADI-HIT study. *J Thromb Haemost*. 2023;21:2559-68. PMID [37247669](#)
 44. Hanna GJ, **Stathis A**, Lopez-Miranda E, Racca F, Quon D, Leyvraz S, Hess D, Keam B, Rodon J, Ahn MJ, Kim HR, Schneeweiss A, Ribera JM, DeAngelo D, Perez Garcia JM, Cortes J, Schönborn-Kellenberger O, Weber D, Pisa P, Bauer M, Beni L, Bobadilla M, Lehal R, Vigolo M, Vogl FD, Garralda E. A Phase I Study of the Pan-Notch Inhibitor CB-103 for Patients with Advanced Adenoid Cystic Carcinoma and Other Tumors. *Cancer Res Commun*. 2023;3:1853-61. PMID [37712875](#)
 45. Hasler-Strub U, Mueller A, Li Q, Thuerlimann B, Ribl K, Gerber S, von Moos R, Fehr M, Rochlitz C, Zaman K, Aebi S, Hochstrasser A, Gick U, Baertschi D, Greuter S, Schreiber A, Caspar CB, Trojan A, **Condorelli R**, Ruhstaller T. Eribulin as first-line treatment in older patients with advanced breast cancer: A multicenter phase II trial [SAKK 25/14]. *J Geriatr Oncol*. 2023;14:101372. PMID [36127284](#)
 46. Hilberink JR, van Zeventer IA, Chitu DA, Pabst T, Klein SK, **Stussi G**, Griskevicius L, Valk PJM, Cloos J, van de Loosdrecht AA, Breems D, van Lammeren-Venema D, Boersma R, Jongen-Lavrencic M, Fehr M, Hoogendoorn M, Manz MG, Söhne M, van Marwijk Kooy R, Deeren D, van der Poel MWM, Legdeur MC, Tick L, Chalandon Y, Ammatuna E, Blum S, Löwenberg B, Ossenkoppele GJ, Huls G. Age and sex associate with outcome in older AML and high risk MDS patients treated with 10-day decitabine. *Blood Cancer J*. 2023;13:93. PMID [37336890](#)
 47. Hitz F, Lang N, Mey U, Mingrone W, **Moccia A**, Taverna C, Novak U, Stenner F, Schmidt A, Mamot C, Fischer N, Putora PM. Decision-Making among Experts in Advanced Hodgkin Lymphoma. *Oncology*. 2023;101:159-65. PMID [36103806](#)
 48. Joerger M, Hundsberger T, Haefliger S, von Moos R, Hottinger AF, Kaindl T, Engelhardt M, Marszewska M, Lane H, Roth P, **Stathis A**. Safety and anti-tumor activity of lisavanbulin administered as 48-hour infusion in patients with ovarian cancer or recurrent glioblastoma: a phase 2a study. *Invest New Drugs*. 2023;41:267-75. PMID [36792805](#)
 49. Johnson Z, Tarantelli C, Civanelli E, Cascione L, Spriano F, Fraser A, Shah P, Nomanbhoy T, Napoli S, Rinaldi A, Niewola-Staszewska K, Lahn M, Perrin D, Wenes M, Migliorini D, **Bertoni F**, van der Veen L, Di Conza G. IOA-244 is a Non-ATP-competitive, Highly Selective, Tolerable PI3K Delta Inhibitor That Targets Solid Tumors and Breaks Immune Tolerance. *Cancer Res Commun*. 2023;3:576-91. PMID [37066023](#)
 50. Khameneh HJ, Fonta N, Zenobi A, Niogret C, Ventura P, Guerra C, Kwee I, Rinaldi A, Pecoraro M, Geiger R, Cavalli A, **Bertoni F**, Vivier E, Trumpp A, Guarda G. Myc controls NK cell development, IL-15-driven expansion, and translational machinery. *Life Sci Alliance*. 2023;6:e202302069. PMID [37105715](#)
 51. Kortleve JP, Kisch AM, Piepenbroek B, Mooyaart JE, Kozijn AE, Sohne M, **Liptrott SJ**. Variation in hydration use after reinfusion of autologous stem cells in dimethyl sulfoxide (DMSO): a survey of EBMTcenters on behalf of the EBMT Nurses Group. *Bone Marrow Transplant*. 2023;58:1062-4. PMID [37391653](#)
 52. Kroeze SGC, Pavic M, Stellamans K, Lievens Y, Becherini C, Scorsetti M, Alongi F, Ricardi U, Jereczek-Fossa BA, Westhoff P, But-Hadzic J, Widder J, Geets X, Bral S, Lambrecht M, Billiet C, Sirak I, Ramella S, Giovanni Battista I, Benavente S, Zapatero A, Romero F, **Zilli T**, Khanfir K, Hemmatazad H, de Bari B, Klass DN, Adnan S, Peulen H, Salinas Ramos J, Strijbos M, Popat S, Ost P, Guckenberger M. Metastases-directed stereotactic body radiotherapy in combination with targeted therapy or immunotherapy: systematic review and consensus recommendations by the

- EORTC-ESTRO OligoCare consortium. *Lancet Oncol.* 2023;24:e121-e32. PMID [36858728](#)
53. Lauritsen J, Sauv e N, Tryakin A, Jiang DM, Huddart R, Heng DYC, Terbuch A, Winquist E, Chovanec M, Hentrich M, Fankhauser CD, Shamash J, Del Muro XG, Vaughn D, Heidenreich A, Sternberg CN, Sweeney C, Necchi A, Bokemeyer C, Bandak M, Jandari A, Collette L, **Gillessen S**, Beyer J, Daugaard G. Outcomes of relapsed clinical stage I versus de novo metastatic testicular cancer patients: an analysis of the IGCCCG Update database. *Br J Cancer.* 2023;129:1759-65. PMID [37777577](#)
 54. Levi S, Bronstein Y, Goldschmidt N, Morabito F, Ziv-Baran T, Del Poeta G, Bairey O, Del Principe MI, Fineman R, Mauro FR, Gutwein O, Reda G, Ruchlemer R, Sportoletti P, Laurenti L, Shvidel L, Coscia M, Tadmor T, Varettoni M, Aviv A, Murru R, Braester A, Chiarenza A, Visentin A, Pietrasanta D, Loseto G, Zucchetto A, Bomben R, Olivieri J, Neri A, **Rossi D**, Gaidano G, Trentin L, Fo a R, Cuneo A, Perry C, Gattei V, Gentile M, Herishanu Y. Efficacy of front-line ibrutinib versus fludarabine, cyclophosphamide, and rituximab in patients with chronic lymphocytic leukemia: A retrospective multicenter "Real-World" study. *Am J Hematol.* 2023;98:E24-e7. PMID [36349541](#)
 55. Licenziato L, Minoli L, Ala U, Marconato L, Fanelli A, Giannuzzi D, De Maria R, Iussich S, Orlando G, **Bertoni F**, Aresu L. Predicting outcome in dogs with diffuse large B-cell lymphoma with a novel immune landscape signature. *Vet Pathol.* 2023;60:308-15. PMID [36951124](#)
 56. Linardou H, Adjei AA, Bajpai J, Banerjee S, Berghoff AS, Mathias CC, Choo SP, Dent R, Filip E, Furness AJS, Garassino MC, Garralda E, Konsoulova-Kirova A, Letsch A, Menzies AM, Mukherji D, Peters S, **Sessa C**, Tsang J, Yang JC, Garrido P. Challenges in oncology career: are we closing the gender gap? Results of the new ESMO Women for Oncology Committee survey. *ESMO Open.* 2023;8:100781. PMID [36842299](#)
 57. **Liptrott S**, NiChonghaile M, O'Connell L, Aerts E. The Evolving Role of Haematology Nursing Practice: A Cross-Sectional Survey. *Mediterr J Hematol Infect Dis.* 2023;15:e2023033. PMID [37180205](#)
 58. Lorton O, Achard V, Koutsouvelis N, Jaccard M, Vanhoutte F, Dipasquale G, Ost P, **Zilli T**. Elective Nodal Irradiation for Oligorecurrent Nodal Prostate Cancer: Interobserver Variability in the PEACE V-STORM Randomized Phase 2 Trial. *Adv Radiat Oncol.* 2023;8:101290. PMID [38047214](#)
 59. Mansouri L, Thorvaldsdottir B, Sutton LA, Karakatsoulis G, Meggendorfer M, Parker H, Nadeu F, Brieghel C, Laidou S, Moia R, **Rossi D**, Catherwood M, Kotaskova J, Delgado J, Rodr guez-Vicente AE, Benito R, Rigolin GM, Bonfiglio S, Scarfo L, Mattsson M, Davis Z, Gogia A, Rani L, Baliakas P, Foroughi-Asl H, Jylh  C, Skaftason A, Rapado I, Miras F, Martinez-Lopez J, de la Serna J, Rivas JMH, Thornton P, Larr yoz MJ, Calasanz MJ, F s s V, M traiz Z, B d r C, Smedby KE, Espinet B, Puiggros A, Gupta R, Bullinger L, Bosch F, Taz n-Vega B, Baran-Marszak F, Oscier D, Nguyen-Khac F, Zenz T, Terol MJ, Cuneo A, Hern ndez-S nchez M, Pospisilova S, Mills K, Gaidano G, Niemann CU, Campo E, Strefford JC, Ghia P, Stamatopoulos K, Rosenquist R. Different prognostic impact of recurrent gene mutations in chronic lymphocytic leukemia depending on IGHV gene somatic hypermutation status: a study by ERIC in HARMONY. *Leukemia.* 2023;37:339-47. PMID [36566271](#)
 60. Marchi F, **Kessler C**, Distefano D, Terzi di Bergamo L, Fumagalli L, Averaimo M, **Crupi E**, **Bergamini F**, Melli G, **Stussi G**, **Rossi D**, Gobbi C, Ripellino P, Pravat  E, Kuhlens DE, R cken C, Scarone P, **Gerber B**, **Condoluci A**. Prevalence of amyloid in ligamentum flavum of patients with lumbar spinal stenosis. *Amyloid.* 2023;30:416-23. PMID [37431662](#)
 61. Maurichi A, Barretta F, Patuzzo R, Miceli R, Gallino G, Mattavelli I, Leva A, Harwood C, Bergamaschi D, Borg TM, Shimonovitz-Moore M, Spadola G, Tolomio E, Barbieri C, Queirolo P, Manganoni AM, Pellacani G, **Espeli V**, **Mangas C**, Leoni-Parvex S, Cossa M, Belotti A, Valeri B, Cortinovis U, Santinami M. Similar local recurrence and survival in patients with T1 radial growth phase melanoma on head and neck treated with 5 or 10mm margins: A retrospective study. *J Eur Acad Dermatol Venereol.* 2023;37:1318-26. PMID [36924058](#)
 62. Meani F, Barbalace G, Meroni D, **Pagani O**, Perriard U, Pagnamenta A, Aliverti A, Meroni E. Electrical Impedance Spectroscopy for Ex-Vivo Breast Cancer Tissue Analysis. *Ann Biomed Eng.* 2023;51:1535-46. PMID [37061594](#)
 63. Meduri B, Baldissera A, Iotti C, Scheijmans L, Stam MR, Parisi S, Boersma LJ, Ammendolia I, Koiter E, **Valli M**, Scandolaro L, Busz D, Stenfert Kroese MC, Ciabatti S, Giacobazzi P, Ruggieri MP, Engelen A, Munaf  T, Westenberg AH, Verhoeven K, Vicini R, D'Amico R, Lohr F, Bertoni F, Poortmans P, Frezza GP. Cosmetic Results and Side Effects of Accelerated Partial-Breast Irradiation Versus Whole-Breast Irradiation for Low-Risk Invasive Carcinoma of the Breast: The Randomized Phase III IRMA Trial. *J Clin Oncol.* 2023;41:2201-10. PMID [36623246](#)
 64. Moia R, Dondolin R, De Propriis MS, Talotta D, Mouhssine S, Perutelli F, Reda G, Mattiello V, Rigolin GM, Motta M, Olivieri J, Fanin R, Perbellini O, Ferrarini I, Mauro FR, Del Giudice I, Laurenti L, Tomasso A, Gentile M, Frustaci AM, Tedeschi A, Gozzetti A, Stelitano C, Visco C, Moreno C, Forconi F, Marasca R, Coscia M, **Rossi D**, Fo a R, Gaidano G. Long-term benefit of IGHV mutated patients in a real-life multicenter cohort of FCR-treated chronic lymphocytic leukemia. *Hematol Oncol.* 2023;41:567-70. PMID [36190298](#)
 65. Moia R, Terzi di Bergamo L, Talotta D, Bomben R, Forestieri G, Spina V, Bruscazzin A, Cosentino C, Almasri M, Dondolin R, Bittolo T, Zucchetto A, Baldoni S, Del Giudice I, Mauro FR, Maffei R, Chiarenza A, Tafuri A, Laureana R, Del Principe MI, Zaja F, D'Arena G, Olivieri J, Rasi S, Mahmoud A, Al Essa W, Awikeh B, Kogila S, Bellia M, Mouhssine S, Sportoletti P, Marasca R, Scarf  L, Ghia P, Gattei V, Fo a R, **Rossi D**, Gaidano G. XPO1 mutations identify early-stage CLL characterized by shorter time to first treatment and enhanced BCR signalling. *Br J Haematol.* 2023;203:416-25. PMID [37580908](#)

66. Morabito F, Tripepi G, Mauro FR, Laurenti L, Reda G, Moia R, **Condoluci A**, Vincelli I, Chiarenza A, Vigna E, Martino EA, Bruzzese A, Mezzatesta S, Laureana R, Cutrona G, Di Raimondo F, Fronza G, Zucchetto A, Bomben R, Rossi FM, Olivieri J, Zaja F, **Rossi D**, Gaidano G, Del Principe MI, Ilariucci F, Del Poeta G, Ferrarini M, Neri A, Gattei V, Gentile M. The time to first treatment is an independent predictor of overall survival in chronic lymphocytic leukemia. *Am J Hematol*. 2023;98:E157-e60. PMID [37067157](#)
67. Nilius H, Cuker A, Haug S, Nakas C, Studt JD, Tsakiris DA, Greinacher A, Mendez A, Schmidt A, Wuillemin WA, **Gerber B**, Kremer Hovinga JA, Vishnu P, Graf L, Kashev A, Sznitman R, Bakchoul T, Nagler M. A machine-learning model for reducing misdiagnosis in heparin-induced thrombocytopenia: A prospective, multicenter, observational study. *EClinicalMedicine*. 2023;55:101745. PMID [36457646](#)
68. Novak U, Fehr M, Schär S, Dreyling M, Schmidt C, Derenzini E, Zander T, Hess G, Mey U, Ferrero S, Mach N, Boccimini C, Böttcher S, Voegeli M, Cairoli A, Ivanova VS, Menter T, Dirnhofer S, Scheibe B, Gadiant S, Eckhardt K, **Zucca E**, Driessen C, Renner C. Combined therapy with ibrutinib and bortezomib followed by ibrutinib maintenance in relapsed or refractory mantle cell lymphoma and high-risk features: a phase 1/2 trial of the European MCL network (SAKK 36/13). *EClinicalMedicine*. 2023;64:102221. PMID [37781158](#)
69. Nuzzo PV, Pederzoli F, Saieva C, Zanardi E, Fotia G, Malgeri A, Rossetti S, Valença Bueno L, Andrade L, Patrikidou A, **Mestre RP**, **Modesti M**, Pignata S, Procopio G, Fornarini G, De Giorgi U, Russo A, Francini E. Clinical impact of volume of disease and time of metastatic disease presentation on patients receiving enzalutamide or abiraterone acetate plus prednisone as first-line therapy for metastatic castration-resistant prostate cancer. *J Transl Med*. 2023;21:75. PMID [36737752](#)
70. Nuzzo PV, Ravera F, Saieva C, Zanardi E, Fotia G, Malgeri A, Rossetti S, Valença LB, Oliveira TM, Vauchier C, **Pereira Mestre R**, **Modesti M**, Patrikidou A, Pignata S, Procopio G, Fornarini G, De Giorgi U, Russo A, Francini E. Clinical outcomes of volume of disease on patients receiving enzalutamide versus abiraterone acetate plus prednisone as first-line therapy for metastatic castration-resistant prostate cancer. *Ther Adv Med Oncol*. 2023;15:17588359231156147. PMID [36895852](#)
71. Omlin A, Cathomas R, von Amsberg G, Reuter C, Feyerabend S, Loidl W, Boegemann M, Lorch A, Heidenreich A, Tsaur I, Larcher-Senn J, Buck SAJ, Mathijssen RHJ, Jaehde U, **Gillessen S**, Joerger M. Randomized Phase II Cabazitaxel Dose Individualization and Neutropenia Prevention Trial in Patients with Metastatic Castration-Resistant Prostate Cancer. *Clin Cancer Res*. 2023;29:1887-93. PMID [36917691](#)
72. Orvain C, Chantepie S, Thomas X, Escofre-Barbe M, Huguet F, Desbrosses Y, Guillelm G, Uzunov M, Leguay T, Barbieux S, Vey N, Chevallier P, Malfuson JV, Lepretre S, Baumann M, Aykut M, Chaib A, Joris M, Zerazhi H, **Stussi G**, Chapiro J, Berthon C, Bonmati C, Jourdan E, Carp D, Marçais AR, Gallego-Hernanz MP, Vaida I, Bilger K, Villate A, Pasquier F, Chalandon Y, Maury S, Lheritier V, Ifrah N, Dombret H, Boissel N, Hunault-Berger M. Impact of central nervous system involvement in adult patients with Philadelphia-negative acute lymphoblastic leukemia: a GRAALL-2005 study. *Haematologica*. 2023;108:3287-97. PMID [36891751](#)
73. Pasquali D, Torella A, Grandone A, Luongo C, Morleo M, Peduto C, di Fraia R, Selvaggio LD, Allosso F, Accardo G, Zanobio MT, **Maitz S**, Mariani M, Selicorni A, Banfi S, Nigro V. Patients with DeSanto-Shinawi syndrome: Further extension of phenotype from Italy. *Am J Med Genet A*. 2023;191:823-30. PMID [36420948](#)
74. Peluso F, Caraffi SG, Contrò G, Valeri L, Napoli M, Carboni G, Seth A, Zuntini R, Coccia E, Astrea G, Bisgaard AM, Ivanovski I, **Maitz S**, Brischoux-Boucher E, Carter MT, Dentici ML, Devriendt K, Bellini M, Digilio MC, Doja A, Dymont DA, Farholt S, Ferreira CR, Wolfe LA, Gahl WA, Gnazzo M, Goel H, Grønberg SW, Hammer T, Iughetti L, Kleefstra T, Koolen DA, Lepri FR, Lemire G, Louro P, McCullagh G, Madeo SF, Milone A, Milone R, Nielsen JEK, Novelli A, Ockeloen CW, Pascarella R, Pippucci T, Ricca I, Robertson SP, Sawyer S, Falkenberg Smeland M, Stegmann S, Stumpel CT, Goel A, Taylor JM, Barbuti D, Soresina A, Bedeschi MF, Battini R, Cavalli A, Fusco C, lascone M, Van Maldergem L, Venkateswaran S, Zuffardi O, Vergano S, Garavelli L, Bayat A. Deep phenotyping of the neuroimaging and skeletal features in KBG syndrome: a study of 53 patients and review of the literature. *J Med Genet*. 2023;60:1224-34. PMID [37586838](#)
75. Pinton S, Vacchi E, Chiaro G, Raimondi A, Tzankov A, **Gerber B**, Gobbi C, Kaelin-Lang A, Melli G. Amyloid detection and typing yield of skin biopsy in systemic amyloidosis and polyneuropathy. *Ann Clin Transl Neurol*. 2023;10:2347-59. PMID [37849451](#)
76. **Pirosa MC**, **Esposito F**, Raia G, Chianca V, Cozzi A, Ruinelli L, Ceriani L, **Zucca E**, Del Grande F, Rizzo S. CT-based body composition in diffuse large B cell lymphoma patients: changes after treatment and association with survival. *Radiol Med*. 2023;128:1497-507. PMID [37752299](#)
77. **Pirosa MC**, Sassone M, Kiesewetter B, Guillermo AL, Devizzi L, Domènech ED, Tucci A, Mannina D, Merli M, Salar A, Visco C, **Esposito F**, Bonomini L, **Zucca E**, Ferreri AJM, Raderer M. IELSG40/CLEO phase II trial of clarithromycin and lenalidomide in relapsed/refractory extranodal marginal zone lymphoma. *Haematologica*. 2023;108:1671-5. PMID [36546422](#)
78. Raia G, **Del Grande M**, **Colombo I**, **Nerone M**, Manganaro L, Gasparri ML, Papadia A, Del Grande F, Rizzo S. Whole-Body Composition Features by Computed Tomography in Ovarian Cancer: Pilot Data on Survival Correlations. *Cancers (Basel)*. 2023;15:2602. PMID [37174067](#)
79. Ribbi K, Pagan E, Sala I, Ruggeri M, Bianco N, Bucci EO, **Graffeo R**, Borner M, Giordano M, Gianni L, Rabaglio M, Freschi A, Cretella E, Seles E, Farolfi A, Simoncini E, Ciccarese M, Rauch D, Favaretto A, Glaus A, Berardi R, Franzetti-

- Pellanda A, Bagnardi V, Gelber S, Partridge AH, Goldhirsch A, Pagani O. Employment trajectories of young women with breast cancer: an ongoing prospective cohort study in Italy and Switzerland. *J Cancer Surviv.* 2023;17:1847-58. PMID [35689003](#)
80. Rizzo A, Miceli A, Racca M, Bauckneht M, Morbelli S, Albano D, Dondi F, Bertagna F, Galizia D, **Muio B**, Annunziata S, Treglia G. Diagnostic Accuracy of [(68)Ga]Ga Labeled Fibroblast-Activation Protein Inhibitors in Detecting Head and Neck Cancer Lesions Using Positron Emission Tomography: A Systematic Review and a Meta-Analysis. *Pharmaceuticals (Basel).* 2023;16:1664. PMID [38139791](#)
81. Robin P, Barnabei L, Marocco S, Pagnoncelli J, Nicolis D, Tarantelli C, Tavilla AC, Robortella R, Cascione L, Mayoraz L, Journot CMA, Mensi M, **Bertoni F**, Stefanini I, Gerber-Lemaire S. A DNA biosensors-based microfluidic platform for attomolar real-time detection of unamplified SARS-CoV-2 virus. *Biosens Bioelectron X.* 2023;13:100302. PMID [36589921](#)
82. Roesel R, **Deantonio L**, **Bernardi L**, Garo ML, **Majno-Hurst P**, Vannelli A, Cefali M, Palmarocchi MC, Valli MC, Pesola G, **Cristaudi A**, De Dosso S. Neo-Adjuvant Treatment in Primary Resectable Pancreatic Cancer: A Systematic Review and PRISMA-Compliant Updated Metanalysis of Oncological Outcomes. *Cancers (Basel).* 2023;15:4627. PMID [37760596](#)
83. Rossi A, Aimar G, Audisio M, Bungaro M, Caglio A, Di Liello R, Gamba T, Gargiulo P, Ghisoni E, Lombardi P, Marandino L, Mariniello A, Paratore C, Reale ML, Trastu F, Tuninetti V, **Turco F**, Fabi A, Perrone F, Di Maio M. Analysis of the adequacy of control arms in oncology randomised clinical trials published between 2017 and 2021: a meta-research study. *Eur J Cancer.* 2023;189:112920. PMID [37277262](#)
84. Ruberti A, Kremer Hovinga JA, Nappi F, Vettese A, **Bianchi E**, **Fernandes E**, **Galfetti E**, Monotti R, **Paul P**, Regazzoni S, Valente D, **Rossi D**, **Stussi G**, **Gerber B**. Acquired haemophilia A in southern Switzerland from 2013 to 2019: a case series. *Swiss Med Wkly.* 2023;153:40048. PMID [37021783](#)
85. Sacco M, Gandaglia G, Aas K, Ceci F, Chiu P, Fankhauser CD, Fournier G, Heidegger I, Kasivisvanathan V, Kesch C, Maggi M, Martini A, Olivier J, Ploussard G, Preisser F, Puche-Sanz I, Rajwa P, Soeterik T, Thibault C, Valerio M, van den Bergh RCN, Zattoni F, Rivas JG, Moschini M, **Gillessen S**, Bossi A, Gontero P, Marra G. The Changing Face of cN0M0 Prostate Cancer Being Found With pN+ After Surgery in the Contemporary Era: Results of an International European Survey on Disease Management. *Clin Genitourin Cancer.* 2023;21:416.e1-.e10. PMID [36609130](#)
86. Salmanton-García J, Marchesi F, Gomes da Silva M, Farina F, Dávila-Valls J, Bilgin YM, Glenthøj A, Falces-Romero I, Van Doesum J, Labrador J, Buquicchio C, El-Ashwah S, Petzer V, Van Praet J, Schönlein M, Dargenio M, Méndez GA, Meers S, Itri F, Giordano A, Pinczés LI, Espigado I, Stojanoski Z, López-García A, Prezioso L, Jaksic O, Vena A, Fracchiolla NS, González-López TJ, Colović N, Delia M, Weinbergerová B, Marchetti M, **Marques de Almeida J**, Finizio O, Besson C, Biernat MM, Valković T, Lahmer T, Cuccaro A, Ormazabal-Vélez I, Batinić J, Fernández N, De Jonge N, Tascini C, Anastasopoulou AN, Duléry R, Del Principe MI, Plantefève G, Papa MV, Nucci M, Jiménez M, Aujayeb A, Hernández-Rivas J, Merelli M, Cattaneo C, Blennow O, Nordlander A, Cabirta A, Varricchio G, Sacchi MV, Cordoba R, Arellano E, Gräfe SK, Wolf D, Emarah Z, Ammatuna E, Hersby DS, Martín-Pérez S, Nunes Rodrigues R, Rahimli L, Pagano L, Cornely OA. Nirmatrelvir/ritonavir in COVID-19 patients with haematological malignancies: a report from the EPICOVIDEHA registry. *EClinicalMedicine.* 2023;58:101939. PMID [37041967](#)
87. Saponaro M, Flottmann S, Eckstein M, Hommerding O, Klümper N, Corvino D, Hosni S, Schmidt A, Mönig N, Schmidt D, Ellinger J, Toma M, Kristiansen G, Bald T, **Alimonti A**, Ritter M, Hölzel M, Alajati A. CDCP1 expression is frequently increased in aggressive urothelial carcinoma and promotes urothelial tumor progression. *Sci Rep.* 2023;13:73. PMID [36593286](#)
88. Sava M, Bättig V, Gerull S, Passweg JR, Khanna N, Garzoni C, **Gerber B**, Mueller NJ, Schanz U, Berger C, Chalandon Y, van Delden C, Neofytos D, Stampf S, Franzeck FC, Weisser M. Bloodstream infections in allogeneic haematopoietic cell recipients from the Swiss Transplant Cohort Study: trends of causative pathogens and resistance rates. *Bone Marrow Transplant.* 2023;58:115-8. PMID [36310245](#)
89. Schiaffino S, Cozzi A, Pompei B, Scarano AL, Catanese C, Catic A, **Rossi L**, Del Grande F, Harder Y. MRI-Conditional Breast Tissue Expander: First In-Human Multi-Case Assessment of MRI-Related Complications and Image Quality. *J Clin Med.* 2023;12:4410. PMID [37445444](#)
90. Schönborn L, Esteban O, Wesche J, Dobosz P, Broto M, Puig SR, Fuhrmann J, Torres R, Serra J, Llevadot R, Palicio M, Wang JJ, Gordon TP, Lindhoff-Last E, Hoffmann T, Alberio L, Langer F, Boehme C, **Biguzzi E**, Grosse L, Endres M, Liman T, Thiele T, Warkentin TE, Greinacher A. Anti-PF4 immunothrombosis without proximate heparin or adenovirus vector vaccine exposure. *Blood.* 2023;142:2305-14. PMID [37883798](#)
91. Sebastiani J, Puxeddu M, Nalli M, Bai R, Altieri L, Rovella P, Gaudio E, Trisciuglio D, Spriano F, Lavia P, Fionda C, Masci D, Urbani A, Bigogno C, Dondio G, Hamel E, **Bertoni F**, Silvestri R, La Regina G. RS6077 induces mitotic arrest and selectively activates cell death in human cancer cell lines and in a lymphoma tumor in vivo. *Eur J Med Chem.* 2023;246:114997. PMID [36502578](#)
92. Spriano F, Aresu L, Cascione L, Risi G, Arribas AJ, Napoli S, Forster-Gross N, Bachmann F, Engelhardt M, Lane H, **Bertoni F**. The microtubule-targeted agent lisavanbulin (BAL101553) shows anti-tumor activity in lymphoma models. *Am J Cancer Res.* 2023;13:2076-86. PMID [37293172](#)
93. Spriano F, Tarantelli C, Arribas AJ, Gaudio E, Cascione L, Aresu L, Rinaldi A, **Zucca E**, **Rossi D**, **Stathis A**, Murone M, Radtke F, Lehal R, **Bertoni F**. In vitro anti-lymphoma activity of the first-in-

- class pan-NOTCH transcription inhibitor CB-103. *Br J Haematol.* 2023;200:669-72. PMID [36484636](#)
94. **Stathis A**, Tolcher AW, Wang JS, Renouf DJ, Chen LC, Suttner LH, Freshwater T, Webber AL, Nayak T, Siu LL. Results of an open-label phase 1b study of the ERK inhibitor MK-8353 plus the MEK inhibitor selumetinib in patients with advanced or metastatic solid tumors. *Invest New Drugs.* 2023;41:380-90. PMID [37040046](#)
 95. Sutura PA, Shetty AC, Hakansson A, Van der Eecken K, Song Y, Liu Y, Chang J, Fonteyne V, Mendes AA, Lumen N, Delrue L, Verbeke S, De Man K, Rana Z, Hodges T, Hamid A, Roberts N, Song DY, Pienta K, Ross AE, Feng F, Joniau S, Spratt D, **Gillessen S**, Attard G, James ND, Lotan T, Davicioni E, Sweeney C, Tran PT, Deek MP, Ost P. Transcriptomic and clinical heterogeneity of metastatic disease timing within metastatic castration-sensitive prostate cancer. *Ann Oncol.* 2023;34:605-14. PMID [37164128](#)
 96. Treglia G, Martinello C, Dondi F, Albano D, Bertagna F, Rizzo A, Delgado Bolton RC, Tersalvi G, **Muio B**, Riegger M, Cecchin D. Prevalence of Incidental Findings Suspicious for Transthyretin Cardiac Amyloidosis among Patients Undergoing Bone Scintigraphy: A Systematic Review and a Meta-Analysis. *J Clin Med.* 2023;12:5698. PMID [37685765](#)
 97. van Doesum JA, Salmanton-García J, Marchesi F, Di Blasi R, Falces-Romero I, Cabirta A, Farina F, Besson C, Weinbergerová B, Van Praet J, Schönlein M, López-García A, Lamure S, Guidetti A, De Ramón-Sánchez C, Batinić J, Gavrilaki E, Tragiannidis A, Tisi MC, Plantefeve G, Petzer V, Ormazabal-Vélez I, **Marques de Almeida J**, Marchetti M, Maertens J, Machado M, Kulasekararaj A, Hernández-Rivas J, Gomes da Silva M, Fernández N, Espigado I, Drgoňa L, Dragonetti G, Metafuni E, Calbacho M, Blennow O, Wolf D, van Anrooij B, Nunes Rodrigues R, Nordlander A, Martín-González JA, Liévin R, Jiménez M, Gräfe SK, García-Sanz R, Córdoba R, Rahimli L, van Meerten T, Cornely OA, Pagano L. Impact of SARS-CoV-2 vaccination and monoclonal antibodies on outcome post-CD19-directed CAR T-cell therapy: an EPICOVIDEHA survey. *Blood Adv.* 2023;7:2645-55. PMID [37058479](#)
 98. Voci D, Götschi A, Held U, Bingisser R, Colucci G, Duerschmied D, Fumagalli RM, **Gerber B**, Hasse B, Keller DI, Konstantinides SV, Mach F, Rampini SK, Righini M, Robert-Ebadi H, Rosemann T, Roth-Zetsche S, Sebastian T, Simon NR, Spirk D, Stortecky S, Vaisnora L, Kucher N, Barco S. Enoxaparin for outpatients with COVID-19: 90-day results from the randomised, open-label, parallel-group, multinational, phase III OVID trial. *Thromb Res.* 2023;221:157-63. PMID [36396519](#)
 99. Wang M, Fu L, Tian J, Zhang Y, **Rossi L**, Wang K. Function and prognosis analysis of nucleolus protein DCAF13 in breast cancer. *Transl Cancer Res.* 2023;12:3744-51. PMID: [38197079](#)
 100. Warthmann A, Holbro A, Buser A, Schefer S, Degen Kellerhals S, **Ravelli M**, Passweg J, **Stussi G**, Halter J. BleedHD-a new electronic assessment tool for grading chronic graft-versus-host disease validated in a multicenter and multiprofessional setting. *Bone Marrow Transplant.* 2023;58:613-5. PMID [36859715](#)
 101. Westin JR, Locke FL, Dickinson M, Ghobadi A, Elsayy M, van Meerten T, Miklos DB, Ulrickson ML, Perales MA, Farooq U, **Wannesson L**, Leslie L, Kersten MJ, Jacobson CA, Pagel JM, Wulf G, Johnston P, Rapoport AP, Du L, Vardhanabhuti S, Filosto S, Shah J, Snider JT, Cheng P, To C, Oluwole OO, Sureda A. Safety and Efficacy of Axicabtagene Ciloleucef versus Standard of Care in Patients 65 Years of Age or Older with Relapsed/Refractory Large B-Cell Lymphoma. *Clin Cancer Res.* 2023;29:1894-905. PMID [36999993](#)
 102. Yekedüz E, McKay RR, **Gillessen S**, Choueiri TK, Ürün Y. Visceral Metastasis Predicts Response to New Hormonal Agents in Metastatic Castration-Sensitive Prostate Cancer. *Oncologist.* 2023;28:596-603. PMID [37084289](#)
 103. Zander T, Pabst T, Schär S, Aebi S, Mey U, Novak U, **Lerch E**, Rhyner Agocs G, Goede J, Maniecka Z, Hayoz S, Rüfer A, Renner C, Driessen C. Alternate-day dosing of pomalidomide in relapsed/refractory multiple myeloma: a multicenter, single-arm phase 2 trial. *Leukemia.* 2023;37:699-701. PMID [36635391](#)
 104. **Zilli T**, Jorcano S, Bral S, Symon Z, Rubio C, Bruynzeel AME, Ibrahimov R, Minn H, Oliveira A, Bertaut A, Constantin G, Miralbell R. Every-Other-Day Versus Once-a-Week Urethra-Sparing Prostate Stereotactic Body Radiation Therapy: 5-Year Results of a Randomized Phase 2 Trial. *Int J Radiat Oncol Biol Phys.* 2023;117:791-8. PMID [37001763](#)

Reviews

105. Amicucci M, Simioli V, De Cecco V, **Orlando L**, Ciaralli I, Buccino A, Guidi B, Locatelli G, Palmieri C, Piazzalunga M, Proietti R, Pucci A, Botti S. Nursing Management in Pediatric Patients Undergoing Chimeric Antigen Receptor T (CAR-T) Cell Therapy: A Systematic Literature Review. *Semin Oncol Nurs.* 2023;39:151478. PMID [37544775](#)
106. Angelillo-Scherrer A, Casini A, Studt JD, **Gerber B**, Alberio LA, Fontana P. Recommendations for the use of andexanet alfa in the management of bleeding in patients on oral factor Xa inhibitors in Switzerland: Guideline from the Working Party Hemostasis of the Swiss Society of Hematology. *Swiss Med Wkly.* 2023;153:40113. PMID [37499160](#)
107. Araujo D, Greystoke A, Bates S, Bayle A, Calvo E, Castelo-Branco L, de Bono J, Drilon A, Garralda E, Ivy P, Kholmanskikh O, Melerio I, Pentheroudakis G, Petrie J, Plummer R, Ponce S, Postel-Vinay S, Siu L, Spreafico A, **Stathis A**, Steeghs N, Yap C, Yap TA, Ratain M, Seymour L. Oncology phase I trial design and conduct: time for a change - MDICT Guidelines 2022. *Ann Oncol.* 2023;34:48-60. PMID [36182023](#)
108. Baptista Peixoto Befecadu F, Stirnemann J, Guerreiro I, **Fusi-Schmidhauser T**, Jaksic C, Larkin PJ, da Rocha Rodrigues G, Pautex S. PANDORA dyadic project: hope, spiritual well-being and quality of life of dyads of patients with chronic obstructive pulmonary disease in Switzerland - a multicentre longitudinal mixed-methods protocol study. *BMJ Open.* 2023;13:e068340. PMID [37173103](#)

109. Beije N, Abida W, Antonarakis ES, Castro E, de Wit R, Fizazi K, **Gillessen S**, Hussain M, Mateo J, Morris MJ, Olmos D, Sartor O, Sharp A, Sweeney CJ, de Bono JS. PARP Inhibitors for Prostate Cancer: Tangled up in PROfound and PROpel (and TALAPRO-2) Blues. *Eur Urol.* 2023;84:253-6. PMID [37087376](#)
110. Blondeaux E, Arecco L, Punie K, **Graffeo R**, Toss A, De Angelis C, Trevisan L, Buzzatti G, Linn SC, Dubsy P, Cruellas M, Partridge AH, Balmaña J, Paluch-Shimon S, Lambertini M. Germline TP53 pathogenic variants and breast cancer: A narrative review. *Cancer Treat Rev.* 2023;114:102522. PMID [36739824](#)
111. Bozzao A, Weber D, Crompton S, Braz G, Csaba D, Dhermain F, Finocchiaro G, Flannery T, Kramm C, Law I, Marucci G, Oliver K, Ostgathe C, Pattera R, **Pesce G**, Smits M, Soffietti R, Terkola R, Watts C, Costa A, Poortmans P. European Cancer Organisation Essential Requirements for Quality Cancer Care: Adult glioma. *J Cancer Policy.* 2023;38:100438. PMID [37634617](#)
112. Bregni G, **Trevisi E**, Saúde Conde R, Vanhooren M, Akin Telli T, Assaf I, Hendlitz A, Di Maio M, Sclafani F. Preexisting evidence and outcome of phase III trials in gastrointestinal oncology: a systematic review. *J Natl Cancer Inst.* 2023;115:505-13. PMID [36762842](#)
113. Cani M, **Turco F**, Butticiè S, **Vogl UM**, Buttigliero C, Novello S, Capelletto E. How Does Environmental and Occupational Exposure Contribute to Carcinogenesis in Genitourinary and Lung Cancers? *Cancers (Basel).* 2023;15:2836. PMID [37345174](#)
114. Chiamonte R, Bonfiglio M, Caramma S, **Condorelli R**. The Role of Rehabilitation in the Treatment of Constipation in Oncological Patients. *J Clin Med.* 2023;12:5083. PMID [37568485](#)
115. **Colombo I**, Karakasis K, Suku S, Oza AM. Chasing Immune Checkpoint Inhibitors in Ovarian Cancer: Novel Combinations and Biomarker Discovery. *Cancers (Basel).* 2023;15:3220. PMID [37370830](#)
116. **Deantonio L**, **Castronovo F**, Paone G, Treglia G, **Zilli T**. Metabolic Imaging for Radiation Therapy Treatment Planning: The Role of Hybrid PET/MR Imaging. *Magn Reson Imaging Clin N Am.* 2023;31:637-54. PMID [37741647](#)
117. Elfgen C, Leo C, Kubik-Huch RA, Muenst S, Schmidt N, Quinn C, McNally S, van Diest PJ, Mann RM, Bago-Horvath Z, Bernathova M, Regitnig P, Fuchsjäger M, Schwegler-Guggemos D, Maranta M, Zehbe S, Tausch C, Güth U, Fallenberg EM, Schradling S, Kothari A, Sonnenschein M, Kampmann G, Kulka J, Tille JC, Körner M, Decker T, Lax SF, Daniaux M, Bjelic-Radisic V, Kacarovsky-Strobl S, **Condorelli R**, Gnant M, Varga Z. Third International Consensus Conference on lesions of uncertain malignant potential in the breast (B3 lesions). *Virchows Arch.* 2023;483:5-20. PMID [37330436](#)
118. Fava M, Stahl SM, De Martin S, Mattarei A, Bettini E, Comai S, **Alimonti A**, Bifari F, Pani L, Folli F, Guidetti C, Furlan A, Sgrignani J, Locatelli P, Cavalli A, O'Gorman C, Traversa S, Inturrisi CE, Pappagallo M, Manfredi PL. Esmethadone-HCl (REL-1017): a promising rapid antidepressant. *Eur Arch Psychiatry Clin Neurosci.* 2023;273:1463-76. PMID [36890259](#)
119. Fizazi K, **Gillessen S**. Updated treatment recommendations for prostate cancer from the ESMO Clinical Practice Guideline considering treatment intensification and use of novel systemic agents. *Ann Oncol.* 2023;34:557-63. PMID [36958590](#)
120. Gerson SM, **Gamondi C**, Wiebe E, Deliens L. Should Palliative Care Teams be Involved in Medical Assisted Dying? *J Pain Symptom Manage.* 2023;66:e233-e7. PMID [37072103](#)
121. Hodak E, Geskin L, Guenova E, Ortiz-Romero PL, Willemze R, Zheng J, Cowan R, Foss F, **Mangas C**, Querfeld C. Real-Life Barriers to Diagnosis of Early Mycosis Fungoides: An International Expert Panel Discussion. *Am J Clin Dermatol.* 2023;24:5-14. PMID [36399227](#)
122. Le Guevelou J, **Bosetti DG**, **Castronovo F**, **Angrisani A**, de Crevoisier R, **Zilli T**. State of the art and future challenges of urethra-sparing stereotactic body radiotherapy for prostate cancer: a systematic review of literature. *World J Urol.* 2023;41:3287-99. PMID [37668718](#)
123. Le Guevelou J, Sargos P, Siva S, Ploussard G, Ost P, **Gillessen S**, **Zilli T**. The Emerging Role of Extracranial Stereotactic Ablative Radiotherapy for Metastatic Renal Cell Carcinoma: A Systematic Review. *Eur Urol Focus.* 2023;9:114-24. PMID [36151031](#)
124. Le Guevelou J, **Zilli T**. Prostate cancer radiotherapy and incidental testicular irradiation: Impact on gonadal function. *Clin Transl Radiat Oncol.* 2023;40:100611. PMID [36942089](#)
125. Marra G, van Leenders G, Zattoni F, Kesch C, Rajwa P, Cornford P, van der Kwast T, van den Bergh RCN, Briers E, Van den Broeck T, De Meerleer G, De Santis M, Eberli D, Farolfi A, **Gillessen S**, Grivas N, Grummet JP, Henry AM, Lardas M, Liew M, Linares Espinós E, Mason MD, O'Hanlon S, van Oort IM, Oprea-Lager DE, Ploussard G, Rouvière O, Schoots IG, Stranne J, Tilki D, Wiegel T, Willemse PM, Mottet N, Gandaglia G. Impact of Epithelial Histological Types, Subtypes, and Growth Patterns on Oncological Outcomes for Patients with Nonmetastatic Prostate Cancer Treated with Curative Intent: A Systematic Review. *Eur Urol.* 2023;84:65-85. PMID [37117107](#)
126. Montes de Jesus FM, **Espeli V**, Paone G, Giovanella L. Add-on radioiodine during long-term BRAF/MEK inhibition in patients with RAI-refractory thyroid cancers: a reasonable option? *Endocrine.* 2023;81:450-4. PMID [37191938](#)
127. **Nerone M**, **Rossi L**, **Condorelli R**, **Ratti V**, Conforti F, Palazzo A, **Graffeo R**. Beyond PARP Inhibitors in Advanced Breast Cancer Patients with Germline BRCA1/2 Mutations: Focus on CDK4/6-Inhibitors and Data Review on Other Biological Therapies. *Cancers (Basel).* 2023;15:3305. PMID [37444415](#)
128. Neuenschwander A, Lonati C, Antonelli L, Papachristofilou A, Cathomas R, Rothermundt C, Templeton AJ, Gulamhusein A, Fischer S, **Gillessen S**, Hermanns T, Lorch A, Mattei A, Fankhauser CD. Treatment Outcomes for Men with Clinical Stage II Nonseminomatous Germ Cell Tumours Treated with Primary Retroperitoneal

- Lymph Node Dissection: A Systematic Review. *Eur Urol Focus*. 2023;9:541-6. PMID [36379869](#)
129. **Paul P, Stüssi G, Bruscazzin A, Rossi D.** Genetics and epigenetics of CLL. *Leuk Lymphoma*. 2023;64:551-63. PMID [36503384](#)
 130. Pernigoni N, Guo C, Gallagher L, Yuan W, Colucci M, Troiani M, Liu L, Maraccani L, Guccini I, Migliorini D, de Bono J, **Alimonti A.** The potential role of the microbiota in prostate cancer pathogenesis and treatment. *Nat Rev Urol*. 2023;20:706-18. PMID [37491512](#)
 131. Petrella F, Rizzo S, Attili I, Passaro A, **Zilli T, Martucci F,** Bonomo L, Del Grande F, Casiraghi M, De Marinis F, Spaggiari L. Stage III Non-Small-Cell Lung Cancer: An Overview of Treatment Options. *Curr Oncol*. 2023;30:3160-75. PMID [36975452](#)
 132. **Pirosa MC,** Peccatori FA. Lymphomas in pregnancy. *Hematol Oncol*. 2023;41 Suppl 1:70-4. PMID [37294956](#)
 133. Pomykala KL, Hadaschik BA, Sartor O, **Gillessen S,** Sweeney CJ, Maughan T, Hofman MS, Herrmann K. Next generation radiotheranostics promoting precision medicine. *Ann Oncol*. 2023;34:507-19. PMID [36924989](#)
 134. **Romano I, Condoluci A, Rossi D.** SOHO State of the Art Updates and Next Questions | Treatment of Richter's Transformation. *Clin Lymphoma Myeloma Leuk*. 2023;23:786-99. PMID [37586917](#)
 135. **Rossi L,** Meani F, Longhitano C, Carciotto R, Lanzafame K, Inzerilli N, Vigneri P. The optimal timing between neoadjuvant therapy and surgery of breast cancer: A brief systematic review of the literature. *Crit Rev Oncol Hematol*. 2023;183:103921. PMID [36746358](#)
 136. **Sessa C,** Balmaña J, Bober SL, Cardoso MJ, Colombo N, Curigliano G, Domchek SM, Evans DG, Fischerova D, Harbeck N, Kuhl C, Lemley B, Levy-Lahad E, Lambertini M, Ledermann JA, Loibl S, Phillips KA, Paluch-Shimon S. Risk reduction and screening of cancer in hereditary breast-ovarian cancer syndromes: ESMO Clinical Practice Guideline. *Ann Oncol*. 2023;34:33-47. PMID [36307055](#)
 137. Templeton AJ, Omlin A, Berthold D, Beyer J, Burger IA, Eberli D, Engeler D, Fankhauser C, Fischer S, **Gillessen S,** Nicolas G, Kroeze S, Lorch A, Müntener M, Papachristofilou A, Schaefer N, Seiler D, Stenner F, Tsantoulis P, Vljajnic T, **Zilli T,** Zwahlen D, Cathomas R. Interdisciplinary Swiss consensus recommendations on staging and treatment of advanced prostate cancer. *Swiss Med Wkly*. 2023;153:40108. PMID [37598311](#)
 138. **Tolotti A,** Cadarin L, Bonetti L, **Valcarengi D,** Pagnucci N. Communication experiences of tracheostomy patients with nurses in the ICU: A scoping review. *J Clin Nurs*. 2023;32:2361-70. PMID [35343019](#)
 139. Toti JMA, Gatti B, Hunjan I, Kottanattu L, **Faré PB,** Renzi S, Bianchetti MG, Milani GP, Lava SAG, Camozzi P. Splenic rupture or infarction associated with Epstein-Barr virus infectious mononucleosis: a systematic literature review. *Swiss Med Wkly*. 2023;153:40081. PMID [37245117](#)
 140. Vanden Berg RNW, **Zilli T,** Achard V, Dorff T, Abern M. The diagnosis and treatment of castrate-sensitive oligometastatic prostate cancer: A review. *Prostate Cancer Prostatic Dis*. 2023;26:702-11. PMID [37422523](#)
 141. Vismara SA, Ridolfi A, **Faré PB,** Bianchetti MG, Lava SAG, Renzi S, Piccoli BTB, Milani GP, Kottanattu L. COVID-19, Coronavirus Vaccines, and Possible Association with Lipschütz Vulvar Ulcer: A Systematic Review. *Clin Rev Allergy Immunol*. 2023;65:166-71. PMID [37358748](#)
 142. **Zielli T,** Labidi-Galy I, **Del Grande M, Sessa C, Colombo I.** The clinical challenges of homologous recombination proficiency in ovarian cancer: from intrinsic resistance to new treatment opportunities. *Cancer Drug Resist*. 2023;6:499-516. PMID [37842243](#)
 143. **Zucca E, Rossi D, Bertoni F.** Marginal zone lymphomas. *Hematol Oncol*. 2023;41 Suppl 1:88-91. PMID [37294969](#)
- ### Editorials or letters or comments
144. **Alimonti A.** Overcoming immune evasion in advanced prostate cancer. *Clin Adv Hematol Oncol*. 2023;21:533-5. PMID [37948589](#)
 145. Ardolino LC, Dear R, Armstrong AJ, **Gillessen S,** Joshua AM. Re: Timothée Olivier, Kerrington Powell, Vinay Prasad. Lutetium-177-PSMA-617 in Metastatic Castration-resistant Prostate Cancer: Limitations of the VISION Trial. *Eur Urol*. 2023;84:4-6. *Eur Urol*. 2023;84:e94-e5. PMID [37355357](#)
 146. Bomben R, Zucchetto A, Pozzo F, Tissino E, Bittolo T, Olivieri J, Chiarenza A, Zaja F, Del Principe MI, **Rossi D,** Gattei V. TP53 Mutations and Clinical Outcome in Chronic Lymphocytic Leukemia: Is a Threshold Still Needed? *Hemasphere*. 2023;7:e855. PMID [37034005](#)
 147. **Bosetti DG, Angrisani A, Castronovo FM, Pesce GA, Zilli T.** Magnetic resonance imaging-guided stereotactic body radiotherapy for prostate cancer: more than a simple "MIRAGE"? *Transl Cancer Res*. 2023;12:2454-7. PMID [37969364](#)
 148. **Condoluci A, Rossi D.** Special issue on circulating tumor DNA: Introductory editorial. *Semin Hematol*. 2023;60:125-31. PMID [37620237](#)
 149. **Deantonio L,** De Bari B, Franco P. Editorial: Anorectal and gastro-esophageal cancer: diving into diagnostic and therapeutic imaging modalities for radiotherapy. *Front Oncol*. 2023;13:1276334. PMID [37719016](#)
 150. **Muoio B, Espeli V,** Treglia G. Neuro-Oncology and Positron Emission Tomography: "Just Can't Get Enough". *Cancers (Basel)*. 2023;15:4739. PMID [37835432](#)
 151. **Salfi G.** A Unifying Theory for Idiopathic Nephrotic Syndrome Pathogenesis? *J Immunol*. 2023;211:1441. PMID [37931212](#)
 152. **Vogl UM,** McDermott D, Powles T. Adjuvant ipilimumab and nivolumab in renal cell carcinoma: more questions than answers. *Lancet*. 2023;401:796-8. PMID [36774931](#)

Institute of Clinical Neurosciences of Southern Switzerland

Publications are listed in alphabetical order for each section: original articles (including meta-analyses, surveys, research letters, consensus and delphi-based consensus paper); reviews (including systematic reviews without meta-analyses, protocols); editorials or letters or comments; case reports. Only EOC authors affiliated with the Institute/Department are highlighted in bold.

Original articles

1. Abdelhak A, Benkert P, Schaedelin S, Boscardin WJ, Cordano C, Oechtering J, Ananth K, Granziera C, Melie-Garcia L, Montes SC, Beaudry-Richard A, Achtnichts L, Oertel FC, Lalive PH, Leppert D, Müller S, Henry RG, Pot C, Matthias A, Salmen A, Oksenberg JR, **Disanto G, Zecca C**, D'Souza M, Du Pasquier R, Bridel C, **Gobbi C**, Kappos L, Hauser SL, Cree BAC, Kuhle J, Green AJ. Neurofilament Light Chain Elevation and Disability Progression in Multiple Sclerosis. *JAMA Neurol.* 2023;80:1317-25. PMID [37930670](#)
2. Abdelhak A, Petermeier F, Benkert P, Schädelin S, Oechtering J, Maleska Maceski A, Kabesch M, Geis T, Laub O, Leipold G, **Gobbi C, Zecca C**, Green A, Tumani H, Willemse E, Wiendl H, Granziera C, Kappos L, Leppert D, Waubant E, Wellmann S, Kuhle J. Serum neurofilament light chain reference database for individual application in paediatric care: a retrospective modelling and validation study. *Lancet Neurol.* 2023;22:826-33. PMID [37524100](#)
3. Achtnichts L, **Zecca C**, Findling O, Kamm CP, Mueller S, Kuhle J, Lutterotti A, **Gobbi C**, Viviani C, Villiger-Borter E, Nedeltchev K. Correlation of disability with quality of life in patients with multiple sclerosis treated with natalizumab: primary results and post hoc analysis of the TYSabri ImPROvement study (PROTYS). *BMJ Neurol Open.* 2023;5:e000304. PMID [36727105](#)
4. Agosti R, Parzini C, Findling O, Myers P, Petersen JA, Rylvlin P, Sandor P, Stallmach M, **Zecca C**, Snellman J, Ritter S, Arzt ME, Rohrer S, Gantenbein AR. Prevalence and Burden of Migraine in Switzerland: Cross-Sectional Study in ten Specialised Headache Centres from the BECOME Study. *Pain Ther.* 2023;12:575-91. PMID [36842093](#)
5. Alexandre AM, Colò F, Brunetti V, Valente I, Frisullo G, Pedicelli A, Scarcia L, Rollo C, Falcou A, Milonia L, Andrighetti M, Piano M, Macera A, Commodaro C, Ruggiero M, Da Ros V, Bellini L, Lazzarotti GA, Cosottini M, Caragliano AA, Vinci SL, Gabrieli JD, Causin F, Panni P, Roveri L, Limbucci N, Arba F, **Pileggi M, Bianco G**, Romano DG, Diana F, Semeraro V, Burdi N, Ganimele MP, Lozupone E, Fasano A, Lefe E, Cavallini A, Russo R, Bergui M, Calabresi P, Della Marca G, Broccolini A. Mechanical thrombectomy in minor stroke due to isolated M2 occlusion: a multicenter retrospective matched analysis. *J Neurointerv Surg.* 2023;15:e198-e203. PMID [36223995](#)
6. Altersberger VL, Sibolt G, Enz LS, Hametner C, Scheitz JF, Henon H, Bigliardi G, Strambo D, Martinez-Majander N, Stolze LJ, Heldner MR, Grisendi I, Jovanovic DR, Bejot Y, Pezzini A, Leker RR, Kägi G, Wegener S, **Cereda CW**, Ntaios G, De Marchis GM, Bonati LH, Psychogios M, Lyrer P, Rätty S, Tiainen M, Wouters A, Caparros F, Heyse M, Erdur H, Padjen V, Zedde M, Arnold M, Nederkoorn PJ, Michel P, Zini A, Cordonnier C, Nolte CH, Ringleb PA, Curtze S, Engelter ST, Gensicke H. Intravenous Thrombolysis 4.5-9Hours After Stroke Onset: A Cohort Study from the TRISP Collaboration. *Ann Neurol.* 2023;94:309-20. PMID [37114466](#)
7. **Amato N, Caverzasio S, Manconi M, Staedler C, Kaelin-Lang A, Galati S**. Slow wave activity across sleep-night could predict levodopa-induced dyskinesia. *Sci Rep.* 2023;13:15468. PMID [37726375](#)
8. Baussart B, **Venier A**, Jouinot A, Reuter G, Gaillard S. Closure strategy for endoscopic pituitary surgery: Experience from 3015 patients. *Front Oncol.* 2022;12:1067312. PMID [36686774](#)
9. Bedi MS, Raheja A, Katiyar V, Mishra S, Garg K, Narwal P, Ganeshkumar A, Sharma R, Tandon V, **Milani D**, Servadei F, Suri A, Kale SS. SimSpine: A Cost-Effective Spinal Endoscopy Training Prototype for Neurosurgical Residents Skills Training. *World Neurosurg.* 2023;173:e683-e98. PMID [36889639](#)
10. **Beltraminelli T, Rizzato A, Toniolo K, Galli A, Menghini M**. Comparison of visual performances of enhanced monofocal versus standard monofocal IOLs in a mini-monovision approach. *BMC Ophthalmol.* 2023;23:170. PMID [37085852](#)
11. Bendixen KK, Mindegaard M, Epistolio S, Dazio G, **Marchi F**, Spina P, Arnspang EC, Soerensen M, Christensen UB, Frattini M, Petersen RK. A qPCR technology for direct quantification of methylation in untreated DNA. *Nat Commun.* 2023;14:5153. PMID [37620381](#)
12. Broccolini A, Brunetti V, Colò F, Alexandre AM, Valente I, Falcou A, Frisullo G, Pedicelli A, Scarcia L, Scala I, Rizzo PA, Bellavia S, Camilli A, Milonia L, Piano M, Macera A, Commodaro C, Ruggiero M, Da Ros V, Bellini L, Lazzarotti GA, Cosottini M, Caragliano AA, Vinci SL, Gabrieli JD, Causin F, Panni P, Roveri L, Limbucci N, Arba F, **Pileggi M, Bianco G**, Romano DG, Frauenfelder G, Semeraro V, Ganimele MP, Lozupone E, Fasano A, Lefe E, Cavallini A, Russo R, Bergui M, Calabresi P, Della Marca G. Early neurological deterioration in patients with minor stroke due to isolated M2 occlusion undergoing medical management: a retrospective multicenter study. *J Neurointerv Surg.* 2023;16:38-44. PMID [36977569](#)
13. Callari M, **Sola M, Magrin C**, Rinaldi A, Bolis M, **Paganetti P**, Colnaghi L, **Papin S**. Cancer-specific association between Tau (MAPT) and cellular pathways, clinical outcome, and drug response. *Sci Data.* 2023;10:637. PMID [37730697](#)
14. Cannizzaro D, Anania CD, Safa A, **Zaed I**, Morengi M, Riva M, Tomei M, Pessina F, Servadei F, Ortolina A, Fornari M. Lumbar adjacent segment degeneration after spinal fusion surgery: a systematic review and meta-analysis. *J Neurosurg Sci.* 2023;67:740-9. PMID [36345970](#)
15. Cannizzaro D, **Zaed I**, Olei S, Fernandes B, Peschillo S, **Milani D, Cardia A**. Growth and

- rupture of an intracranial aneurysm: the role of wall aneurysmal enhancement and CD68. *Front Surg.* 2023;10:1228955. PMID [37744724](#)
16. Capecchi F, **di Giacomo A**, Keller E, Mothershill I, Imbach LL. Stimulus Induced Rhythmic, Periodic, or Ictal Discharges (SIRPIDs) and its Association with Non-convulsive Status Epilepticus in Critically Ill Patients. *Clin EEG Neurosci.* 2023;54:247-54. PMID [35473446](#)
 17. **Cardia A**, Epistolio S, **Zaed I**, Sahnane N, Cerutti R, **Cipriani D**, Barizzi J, Spina P, Stefanini FM, Cerati M, Balbi S, Mazzucchelli L, Sessa F, Pesce GA, **Reinert M**, Frattini M, **Marchi F**. Identification of MGMT Downregulation Induced by miRNA in Glioblastoma and Possible Effect on Temozolomide Sensitivity. *J Clin Med.* 2023;12:2061. PMID [36902848](#)
 18. Casiraghi M, Piliro MA, Bellesi L, Dufour M, Chatterjea A, **Scarone P**, Presilla S. Image quality and radiation dose in spinal surgery: a comparison of three imaging systems in phantom. *J Med Imaging (Bellingham).* 2023;10:035001. PMID [37304527](#)
 19. **Castelnovo A**, Lividini A, Riedner BA, Avvenuti G, Jones SG, **Miano S**, Tononi G, **Manconi M**, Bernardi G. Origin, synchronization, and propagation of sleep slow waves in children. *Neuroimage.* 2023;274:120133. PMID [37094626](#)
 20. **Castelnovo A**, **Miano S**, Ferri R, Raggi A, Maestri M, Bottasini V, Anelli M, Zucconi M, Castronovo V, Ferini-Strambi L, **Manconi M**. Electrophysiological and Neuropsychological Indices of Cognitive Dysfunction in Patients with Chronic Insomnia and Severe Benzodiazepine Use Disorder. *Brain Sci.* 2023;13:375. PMID [36979185](#)
 21. Dancourt J, **Piovesana E**, Lavieu G. Efficient cell death mediated by bioengineered killer extracellular vesicles. *Sci Rep.* 2023;13:1086. PMID [36658184](#)
 22. Daubian-Nosé, Franco B, De Fante T, Forte Ldm, Machado-Gobatto FB, Bezerra RM, **Manconi M**, Torsoni AS, Esteves AM. Iron Supplementation and Exercise During Pregnancy: Effects on Behavior and the Dopaminergic System. *Biol Trace Elem Res.* 2023;201:1639-47. PMID [35715717](#)
 23. Di Caterino F, **Koetsier E**, Hirsch JA, **Isalberti M**, San Millan D, **Marchi F**, La Barbera L, **Pileggi M**, **Cianfoni A**. Middle column Stent-screw Assisted Internal Fixation (SAIF): a modified minimally-invasive approach to rescue vertebral middle column re-fractures. *J Neurointerv Surg.* 2023;15:1280-85. PMID [36593116](#)
 24. **Disanto G**, Galante A, Cantu M, **Sacco R**, Mele F, **Eisler JJ**, Keller F, Bernasconi E, Sallusto F, **Zecca C**, **Gobbi C**. Longitudinal Postvaccine SARS-CoV-2 Immunoglobulin G Titers, Memory B-Cell Responses, and Risk of COVID-19 in Multiple Sclerosis Over 1 Year. *Neurol Neuroimmunol Neuroinflamm.* 2023;10:e200043. PMID [36396447](#)
 25. **Disanto G**, Villa M, Maleska Maceski A, **Prosperetti C**, **Gobbi C**, Kuhle J, Cassina T, **Agazzi P**. Longitudinal serum neurofilament light kinetics in post-anoxic encephalopathy. *Ann Clin Transl Neurol.* 2023;10:2407-12. PMID [37743737](#)
 26. Dittrich TD, Sporns PB, Kriemler LF, Rudin S, Nguyen A, Zietz A, Polymeris AA, Tränka C, Thilemann S, Wagner B, Altersberger VL, Piot I, Barinka F, Müller S, Hänsel M, Gensicke H, Engelter ST, Lyrer PA, Sutter R, Nickel CH, Katan M, Peters N, Kulcsár Z, Karwacki GM, Pileggi M, **Cereda C**, Wegener S, Bonati LH, Fischer U, **Psychogios M**, De Marchis GM. Mechanical Thrombectomy Versus Best Medical Treatment in the Late Time Window in Non-DEFUSE-Non-DAWN Patients: A Multicenter Cohort Study. *Stroke.* 2023;54:722-30. PMID [36718751](#)
 27. Dittrich TD, Sporns PB, Kriemler LF, Rudin S, Nguyen A, Zietz A, Polymeris AA, Tränka C, Thilemann S, Wagner B, Altersberger VL, Piot I, Barinka F, Hänsel M, Gensicke H, Engelter ST, Lyrer PA, Sutter R, Nickel CH, Katan M, Peters N, Michels L, Kulcsár Z, Karwacki GM, **Pileggi M**, **Cereda C**, Wegener S, Bonati LH, Fischer U, **Psychogios M**, De Marchis GM. Mechanical thrombectomy for large vessel occlusion between 6 and 24 h: outcome comparison of DEFUSE-3/DAWN eligible versus non-eligible patients. *Int J Stroke.* 2023;18:697-703. PMID [36367319](#)
 28. Duss SB, Bauer-Gambelli SA, Bernasconi C, Dekkers MPJ, Gorban-Peric C, Kuen D, Seiler A, Oberholzer M, Alexiev F, Lippert J, Brill AK, Ott SR, Zubler F, Horvath T, Schmidt MH, **Manconi M**, Bassetti CLA. Frequency and evolution of sleep-wake disturbances after ischemic stroke: A 2-year prospective study of 437 patients. *Sleep Med.* 2023;101:244-51. PMID [36446142](#)
 29. Duss SB, Bernasconi C, Steck A, Brill AK, **Manconi M**, Dekkers M, Schmidt MH, Bassetti CLA. Multiple sleep-wake disturbances after stroke predict an increased risk of cardio-cerebrovascular events or death: A prospective cohort study. *Eur J Neurol.* 2023;30:1696-705. PMID [36912423](#)
 30. **Eisler JJ**, **Disanto G**, **Sacco R**, **Zecca C**, **Gobbi C**. Influence of Disease Modifying Treatment, Severe Acute Respiratory Syndrome Coronavirus 2 Variants and Vaccination on Coronavirus Disease 2019 Risk and Outcome in Multiple Sclerosis and Neuromyelitis Optica. *J Clin Med.* 2023;12:5551. PMID [37685618](#)
 31. El Rahal A, Beck J, Ahlborn P, Bernasconi C, Marbacher S, Wanderer S, Burkhardt JK, Daniel RT, Ferrari A, Hausmann O, Kamenova M, Kothbauer K, Lutz K, Mariani L, Alfieri A, Schöni D, Schucht P, Raabe A, Regli L, **Kuhlen D**, Seule M, Soleman J, Starnoni D, Zaldivar J, Zweifel C, Schaller K, Fung C. Incidence, therapy, and outcome in the management of chronic subdural hematoma in Switzerland: a population-based multicenter cohort study. *Front Neurol.* 2023;14:1206996. PMID [37780710](#)
 32. El-Garci A, Zindel-Geisseler O, Dannecker N, Rothacher Y, Schlosser L, Zeitlberger A, Velz J, Sebök M, Eggenberger N, May A, Bijlenga P, Guerra-Lopez U, Maduri R, Beaud V, Starnoni D, **Chiappini A**, **Rossi S**, **Robert T**, Bonasia S, Goldberg J, Fung C, Bervini D, Gutbrod K, Maldaner N, Früh S, Schwind M, Bozinov O, Neidert MC, Brugger P, Keller E, Germans MR, Regli L, Hostettler IC, Stienen MN. Successful weaning versus permanent cerebrospinal fluid diversion after aneurysmal subarachnoid hemorrhage: post hoc analysis of a Swiss multicenter study. *Neurosurg Focus.* 2023;54:E3. PMID [37004134](#)

33. Filippidis P, Damas J, Viala B, Assal F, Nawej Tshikung O, Tarr P, Derfuss T, Oberholzer M, Jelcic I, Hundsberger T, **Sacco L**, Cavassini M, Du Pasquier R, Darling KEA. Cerebrospinal Fluid HIV-1 Escape in Patients With Neurocognitive Symptoms: Pooled Data From a Neuro-HIV Platform and the NAMACO Study. *J Acquir Immune Defic Syndr*. 2023;93:219-28. PMID [36927958](#)
34. Fontana S, **Ripellino P**, Niederhauser C, Widmer N, Gowland P, Petrini O, Aprile M, Merlani G, Bihl F. Epidemiology of HEV Infection in Blood Donors in Southern Switzerland. *Microorganisms*. 2023;11:2375. PMID [37894033](#)
35. **Fulda S**, **Miano S**. Time to rest a hypothesis? Accumulating evidence that periodic leg movements during sleep are not increased in children with attention-deficit hyperactivity disorder (ADHD): results of a case-control study and a meta-analysis. *Sleep*. 2023;46:zsad046. PMID [36869787](#)
36. Gagliardi D, **Ripellino P**, Meneri M, Del Bo R, Antognozzi S, Comi GP, **Gobbi C**, Ratti A, Ticozzi N, Silani V, Ronchi D, Corti S. Clinical and molecular features of patients with amyotrophic lateral sclerosis and SOD1 mutations: a monocentric study. *Front Neurol*. 2023;14:1169689. PMID [37265463](#)
37. Hamza T, Chalkou K, Pellegrini F, Kuhle J, Benkert P, Lorscheider J, **Zecca C**, Iglesias-Urrutia CP, Manca A, Furukawa TA, Cipriani A, Salanti G. Synthesizing cross-design evidence and cross-format data using network meta-regression. *Res Synth Methods*. 2023;14:283-300. PMID [36625736](#)
38. Honegger T, Schweizer J, Bicvic A, Westphal LP, Schütz V, Inauen C, Pokorny T, Bracher K, Arnold M, Fischer U, Bonati LH, De Marchis GM, Nedeltchev K, Kahles T, **Cereda C**, Kägi G, Montaner J, Bustamante A, Palà E, Ntaios G, Foerch C, Luft A, Spanaus K, Saleh L, von Eckardstein A, Arnold M, Katan M. Serum S-100B adds incremental value for the prediction of symptomatic intracranial hemorrhage and brain edema after acute ischemic stroke. *Eur Stroke J*. 2023;8:309-19. PMID [37021149](#)
39. **Jacobson SLS**, **Disanto G**, **Sacco R**, **Meng D**, **Mallucci G**, **Candrian U**, **Semini S**, **Tiberti M**, **Gobbi C**, **Zecca C**. Interplay between age and disease-modifying treatments in influencing infection risk in multiple sclerosis. *Mult Scler*. 2023;29:1765-75. PMID [37786964](#)
40. Kirschenbaum D, Dadgar-Kiani E, Catto F, Voigt FF, Trevisan C, Bichsel O, Shirani H, Nilsson KPR, Frontzek KJ, **Paganetti P**, Helmchen F, Lee JH, Aguzzi A. Whole-brain microscopy reveals distinct temporal and spatial efficacy of anti-A β therapies. *EMBO Mol Med*. 2023;15:e16789. PMID [36382364](#)
41. **Koetsier E**, **Vacchi E**, **Maino P**, **Dukanac J**, **Melli G**, **van Kuijk SMJ**. Dorsal Root Ganglion Stimulation in Chronic Painful Polyneuropathy: A Potential Modulator for Small Nerve Fiber Regeneration. *Neuromodulation*. 2023;26:1772-80. PMID [36192280](#)
42. Koller S, **Beltraminelli T**, Maggi J, Wlodarczyk A, Feil S, Baehr L, Gerth-Kahlert C, **Menghini M**, Berger W. Functional Analysis of a Novel, Non-Canonical RPGR Splice Variant Causing X-Linked Retinitis Pigmentosa. *Genes (Basel)*. 2023;14:934. PMID [37107692](#)
43. **Künzle A**, **van Kuijk SMJ**, **Koetsier E**. Efficacy of Cervical Facet Joint Radiofrequency Ablation Using a Multitined Cannula, a Technical Note, and Observational Study. *Pain Physician*. 2023;26:E353-e61. PMID [37535782](#)
44. Lechner K, Heel S, Uhr M, Dose T, Holsboer F, Lucae S, Schaaf L, **Fulda S**, Kloiber S, Hennings JM. Weight-gain independent effect of mirtazapine on fasting plasma lipids in healthy men. *Naunyn Schmiedebergs Arch Pharmacol*. 2023;396:1999-2008. PMID [36890393](#)
45. Leone MA, Gelati M, Profico DC, **Gobbi C**, **Pravatà E**, Copetti M, Conti C, Abate L, Amoroso L, Apollo F, **Balzano RF**, Bicchi I, Carella M, Ciampini A, Colosimo C, Crociani P, D'Aloisio G, Di Viesti P, Ferrari D, Fogli D, Fontana A, Frondizi D, Grespi V, Kuhle J, Laborante A, Lombardi I, Muzi G, Paci F, Placentino G, Popolizio T, Ricciolini C, Sabatini S, Silveri G, Spera C, Stephenson D, Stipa G, Tinella E, Zarrelli M, **Zecca C**, Ventura Y, D'Alessandro A, Peruzzotti-Jametti L, Pluchino S, Vescovi AL. Phase I clinical trial of intracerebroventricular transplantation of allogeneic neural stem cells in people with progressive multiple sclerosis. *Cell Stem Cell*. 2023;30:1597-609.e8. PMID [38016468](#)
46. **Magrin C**, **Bellafante M**, **Sola M**, **Piovesana E**, Bolis M, Cascione L, Napoli S, Rinaldi A, **Papin S**, **Paganetti P**. Tau protein modulates an epigenetic mechanism of cellular senescence in human SH-SY5Y neuroblastoma cells. *Front Cell Dev Biol*. 2023;11:1232963. PMID [37842084](#)
47. Mainieri G, Loddo G, Provini F, Nobili L, **Manconi M**, **Castelnovo A**. Diagnosis and Management of NREM Sleep Parasomnias in Children and Adults. *Diagnostics (Basel)*. 2023;13:1261. PMID [37046480](#)
48. Mallereau CH, Todeschi J, Ganau M, Cebula H, Bozzi MT, Romano A, Le Van T, Ollivier I, **Zaed I**, Spatola G, Nannavecchia B, Mahoudeau P, Djennaoui I, Debry C, Signorelli F, Ligarotti GKI, Pop R, Baloglu S, Fasciglione E, Goichot B, Bund C, Gaudias J, Proust F, Chibbaro S. Pituitary Abscess: A Challenging Preoperative Diagnosis-A Multicenter Study. *Medicina (Kaunas)*. 2023;59:565. PMID [36984566](#)
49. **Marchi F**, Kessler C, **Distefano D**, Terzi di Bergamo L, **Fumagalli L**, Averaimo M, Crupi E, Bergamini F, **Melli G**, Stussi G, Rossi D, **Gobbi C**, **Ripellino P**, **Pravatà E**, **Kuhlen DE**, Röcken C, **Scarone P**, Gerber B, Condoluci A. Prevalence of amyloid in ligamentum flavum of patients with lumbar spinal stenosis. *Amyloid*. 2023;30:416-23. PMID [37431662](#)
50. Marto JP, Strambo D, Ntaios G, Nguyen TN, Herzig R, Czlonkowska A, Demeestere J, Mansour OY, Salerno A, Wegener S, Baumgartner P, **Cereda CW**, **Bianco G**, Beyeler M, Arnold M, Carrera E, Machi P, Altersberger V, Bonati L, Gensicke H, Bolognese M, Peters N, Wetzels S, Magriço M, Ramos JN, Sargento-Freitas J, Machado R, Maia C, Machado E, Nunes AP, Ferreira P, Pinho EMT, Dias MC, Paula A, Correia MA, Castro P, Azevedo E, Albuquerque L, Alves JN, Ferreira-

- Pinto J, Meira T, Pereira L, Rodrigues M, Araujo AP, Rodrigues M, Rocha M, Pereira-Fonseca A, Ribeiro L, Varela R, Malheiro S, Cappellari M, Zivelonghi C, Sajeva G, Zini A, Gentile M, Forlivesi S, Migliaccio L, Sessa M, La Gioia S, Pezzini A, Sangalli D, Zedde M, Pascarella R, Ferrarese C, Beretta S, Diamanti S, Schwarz G, Frisullo G, Marcheselli S, Seners P, Sabben C, Escalard S, Piotin M, Maier B, Charbonnier G, Vuillier F, Legris L, Cuisenier P, Vodret FR, Marnat G, Liegey JS, Sibon I, Flottmann F, Broocks G, Gloyer NO, Bohmann FO, Schaefer JH, Nolte C, Audebert HJ, Siebert E, Sykora M, Lang W, Ferrari J, Mayer-Suess L, Knoflach M, Gizewski ER, Stolp J, Stolze LJ, Coutinho JM, Nederkoorn P, van den Wijngaard I, De Meris J, Lemmens R, De Raedt S, Vandervorst F, Rutgers MP, Guilmot A, Dusart A, Bellante F, Calleja-Castaño P, Ostos F, González-Ortega G, Martín-Jiménez P, García-Madróna S, Cruz-Culebras A, Vera R, Matute MC, Fuentes B, Alonso-de-Leciñana M, Rigual R, Díez-Tejedor E, Perez-Sanchez S, Montaner J, Díaz-Otero F, Pérez-de-la-Ossa N, Flores-Pina B, Muñoz-Narbona L, Chamorro A, Rodríguez-Vázquez A, Renú A, Ayo-Martin O, Hernández-Fernández F, Segura T, Tejada-Meza H, Sagarra-Mur D, Serrano-Ponz M, Hlaing T, See I, Simister R, Werring D, Kristoffersen ES, Nordanstig A, Jood K, Rentzos A, Šimůnek L, Krajičková D, Krajina A, Mikulik R, Cviková M, Vinklárík J, Školoudík D, Roubec M, Hurtikova E, Hrubý R, Ostry S, Skoda O, Pernicka M, Jurak L, Eichlová Z, Jíra M, Kovar M, Panský M, Mencil P, Palouskova H, Tomek A, Janský P, Olšerová A, Sramek M, Havlicek R, Malý P, Trakal L, Fiksa J, Slovák M, Karlinski MA, Nowak M, Sienkiewicz-Jarosz H, Bochynska A, Wrona P, Homa T, Sawczynska K, Slowik A, Wlodarczyk E, Wiacek M, Tomaszewska-Lampart I, Sieczkowski B, Bartosik-Psujek H, Bilik M, Bandzarewicz A, Dorobek M, Zielinska-Turek J, Nowakowska-Kotas M, Obara K, Urbanowski P, Budrewicz S, Guziński M, Świtońska M, Rutkowska I, Sobieszak-Skura P, Labuz-Roszak BM, Debiec A, Staszewski J, Stępień A, Zwiernik J, Wasilewski G, Tiu C, Terecoasă EO, Radu RA, Negrila A, Dorobat B, Panea C, Tiu V, Petrescu S, Ozdemir A, Mahmoud M, El-Samahy H, Abdelkhalik H, Al-Hashel J, Ismail, II, Salmeen A, Ghoreishi A, Sabetay SI, Gross H, Klein P, Abdalkader M, Jabbour P, El Naamani K, Tjounmakaris S, Abbas R, Mohamed GA, Chebl A, Min J, Hovingh M, Tsai JP, Khan M, Nalleballe K, Onteddu S, Masoud H, Michael M, Kaur N, Maali L, Abraham MG, Khandelwal P, Bach I, Ong M, Babici D, Khawaja AM, Hakemi M, Rajamani K, Cano-Nigenda V, Arauz A, Amaya P, Llanos N, Arango A, Vences M, Barrientos Guerra JD, Caetano R, Martins RT, Scollo SD, Yalung PM, Nagendra S, Gaikwad A, Seo KD, Georgiopoulos G, Nogueira RG, Michel P. Safety and Outcome of Revascularization Treatment in Patients With Acute Ischemic Stroke and COVID-19: The Global COVID-19 Stroke Registry. *Neurology*. 2023;100:e739-e50. PMID [36351814](#)
51. **Maulucci F, Disanto G, Bianco G, Pileggi M**, Fischer U, Padlina G, Strambo D, Michel P, Kahles T, Nedeltchev K, Fisch U, Bonati L, Kägi G, Escribano Paredes JB, Carrera E, Nyffeler T, Bolognese M, Wegener S, Luft A, Schelosky L, Medlin F, von Reding A, Peters N, Renaud S, Mono ML, Remonda L, Machi P, Psychogios MN, Kaesmacher J, Mordasini P, **Cereda CW**. Endovascular therapy outcome in isolated posterior cerebral artery occlusion strokes: A multicenter analysis of the Swiss Stroke Registry. *Eur Stroke J*. 2023;8:575-80. PMID [37231695](#)
52. Meier S, Willemse EAJ, Schaedelin S, Oechtering J, Lorscheider J, Melie-Garcia L, Cagol A, Barakovic M, Galbusera R, Subramaniam S, Barro C, Abdelhak A, Thebault S, Achtnichts L, Lalive P, Müller S, Pot C, Salmen A, **Disanto G, Zecca C**, D'Souza M, Orleth A, Khalil M, Buchmann A, Du Pasquier R, Yaldizli Ö, Derfuss T, Berger K, Hermesdorf M, Wiendl H, Piehl F, Battaglini M, Fischer U, Kappos L, **Gobbi C**, Granziera C, Bridel C, Leppert D, Maleska Maceski A, Benkert P, Kuhle J. Serum Glial Fibrillary Acidic Protein Compared With Neurofilament Light Chain as a Biomarker for Disease Progression in Multiple Sclerosis. *JAMA Neurol*. 2023;80:287-97. PMID [36745446](#)
53. Meinel TR, Wilson D, Gensicke H, Scheitz JF, Ringleb P, Goganau I, Kaesmacher J, Bae HJ, Kim DY, Kermer P, Suzuki K, Kimura K, Macha K, Koga M, Wada S, Altersberger V, Salerno A, Palanikumar L, Zini A, Forlivesi S, Kellert L, Wischmann J, Kristoffersen ES, Beharry J, Barber PA, Hong JB, **Cereda C**, Schlemm E, Yakushiji Y, Poli S, Leker R, Romoli M, Zedde M, Curtze S, Ikenberg B, Uphaus T, Giannandrea D, Portela PC, Veltkamp R, Ranta A, Arnold M, Fischer U, Cha JK, Wu TY, Purrucker JC, Seiffge DJ, Kägi G, Engelter S, Nolte CH, Kallmünzer B, Michel P, Kleinig TJ, Fink J, Rønning OM, Campbell B, Nederkoorn PJ, Thomalla G, Kunieda T, Poli K, Béjot Y, Soo Y, Garcia-Esperon C, Ntaios G, Cordonnier C, Marto JP, Bigliardi G, Lun F, Choi PMC, Steiner T, Ustrell X, Werring D, Wegener S, Pezzini A, Du H, Martí-Fàbregas J, Cánovas-Vergé D, Strbian D, Padjen V, Yaghi S, Stretz C, Kim JT. Intravenous Thrombolysis in Patients With Ischemic Stroke and Recent Ingestion of Direct Oral Anticoagulants. *JAMA Neurol*. 2023;80:233-43. PMID [36807495](#)
54. Mettler M, Stanikić M, Schwegler U, Sieber C, Ajdacic-Gross V, Rodgers S, Haag C, **Zecca C**, Calabrese P, Kägi S, Rapold I, von Wyl V. Engagement in volunteering activities by persons with multiple sclerosis in Switzerland. *Mult Scler Relat Disord*. 2023;69:104427. PMID [36470169](#)
55. **Miano S**, Barateau L, **De Pieri M, Riccardi S**, Thevenin C, **Manconi M**, Dauvilliers Y. A series of 7 cases of patients with narcolepsy with hypocretin deficiency without the HLA DQB1*06:02 allele. *J Clin Sleep Med*. 2023;19:2053-7. PMID [37539640](#)
56. Morais MA, Franco B, Holanda ASS, Simino LAP, **Manconi M**, Torsoni A, Esteves AM. Effectiveness of exercise and pramipexole in the treatment of restless leg syndrome: Implications on the dopaminergic system and PTPRD. *Sleep Med*. 2023;110:201-11. PMID [37633178](#)
57. Morais MA, Franco BS, Holanda ASS, de Paula Simino LA, Veras ACC, Torsoni MA, **Manconi M**, Torsoni AS, Esteves AM. Protein tyrosine

- phosphatase receptor type delta (PTPRD) gene in an animal model of restless legs syndrome. *J Sleep Res.* 2023;32:e13716. PMID [36053904](#)
58. Moro M, Pastore VP, Marchesi G, Proserpio P, Tassi L, **Castelnovo A**, **Manconi M**, Nobile G, Cordani R, Gibbs SA, Odone F, Casadio M, Nobili L. Automatic video analysis and classification of sleep-related hypermotor seizures and disorders of arousal. *Epilepsia.* 2023;64:1653-62. PMID [37013671](#)
 59. Nazzari S, Cagliero L, Grumi S, Pisoni E, **Mallucci G**, Bergamaschi R, Maccarini J, Giorda R, Provenzi L. Prenatal exposure to environmental air pollution and psychosocial stress jointly contribute to the epigenetic regulation of the serotonin transporter gene in newborns. *Mol Psychiatry.* 2023;28:3503-11. PMID [37542161](#)
 60. Nittas V, **Zecca C**, Kamm CP, Kuhle J, Chan A, von Wyl V. Digital health for chronic disease management: An exploratory method to investigating technology adoption potential. *PLoS One.* 2023;18:e0284477. PMID [37053272](#)
 61. Nosedà R, Bedussi F, **Gobbi C**, Ceschi A, **Zecca C**. Safety profile of monoclonal antibodies targeting the calcitonin gene-related peptide system in pregnancy: Updated analysis in VigiBase®. *Cephalalgia.* 2023;43:3331024231158083. PMID [36855950](#)
 62. Nosedà R, Rea F, Pagnamenta A, **Agazzi P**, **Bianco G**, **Sihabdeen S**, Seiffge D, Michel P, Nedeltchev K, Bonati L, Kägi G, Niederhauser J, Nyffeler T, Luft A, Wegener S, Schelosky L, Medlin F, Rodic B, Peters N, Renaud S, Mono ML, Carrera E, Fischer U, Ceschi A, **Cereda CW**. Sex Differences in Outcomes of Intravenous Thrombolysis in Acute Ischemic Stroke Patients with Preadmission Use of Antiplatelets. *CNS Drugs.* 2023;37:351-61. PMID [36976463](#)
 63. Pérez-Berlanga M, Wiersma VI, Zbinden A, De Vos L, Wagner U, **Foglieni C**, Mallona I, Betz KM, Cléry A, Weber J, Guo Z, Rigort R, de Rossi P, Manglunia R, Tantardini E, Sahadevan S, Stach O, Hruska-Plochan M, Allain FH, **Paganetti P**, Polymenidou M. Loss of TDP-43 oligomerization or RNA binding elicits distinct aggregation patterns. *Embo j.* 2023;42:e111719. PMID [37431963](#)
 64. **Pinton S**, **Vacchi E**, **Chiaro G**, Raimondi A, Tzankov A, Gerber B, **Gobbi C**, **Kaelin-Lang A**, **Melli G**. Amyloid detection and typing yield of skin biopsy in systemic amyloidosis and polyneuropathy. *Ann Clin Transl Neurol.* 2023;10:2347-59. PMID [37849451](#)
 65. **Piovesana E**, **Magrin C**, Cicaldo M, **Sola M**, Bellotto M, Molinari M, **Papin S**, **Paganetti P**. Tau accumulation in degradative organelles is associated to lysosomal stress. *Sci Rep.* 2023;13:18024. PMID [37865674](#)
 66. Pons N, Fernández-Eulate G, Pegat A, Théaudin M, Guieu R, **Ripellino P**, Devedjian M, Mace P, Masingue M, Léonard-Louis S, Petiot P, Roche P, Bernard E, Bouhour F, Good JM, Verschueren A, Grapperon AM, Salort E, Grosset A, Chanson JB, Nadaj-Pakleza A, Bédard-Millet AL, Choumert A, Barnier A, Hamdi G, Lesca G, Prieur F, Bruneel A, Latour P, Stojkovic T, Attarian S, Bonello-Palot N. SORD-related peripheral neuropathy in a French and Swiss cohort: Clinical features, genetic analyses, and sorbitol dosages. *Eur J Neurol.* 2023;30:2001-11. PMID [36943151](#)
 67. Raschellà F, Scafa S, Puiatti A, Martin Moraud E, **Ratti PL**. Actigraphy Enables Home Screening of Rapid Eye Movement Behavior Disorder in Parkinson's Disease. *Ann Neurol.* 2023;93:317-29. PMID [36193943](#)
 68. Rauck RL, Loudermilk E, Thomson SJ, Paz-Solis JF, Bojrab L, Noles J, Vesper J, Atallah J, Roth D, Hegarty J, Prud'Homme M, Phillips GM, Smith SG, Ibrahim M, Willoughby CD, Obray JB, Gupta M, Paez J, Berg AP, Harrison NJ, **Maino P**, Mambalam P, McCarty M, Towleron G, Love-Jones S, Ahmed S, Lee A, Shah B, Goor-Aryeh I, Russo MA, Varela N, Phelps JB, Cid J, Fernandez T, Pérez-Hernández C, Keehn D, Rosenow JM, Haider N, Parrent AG, Lawrence MM, Georgius P, Demartini L, Mendiola A, Mehta V, Thoma R, Israel AF, Carolis G, Bhatia S, Green M, Villarreal A, Crooks MT, Gwinn RP, Piliotis JG, Sato H, Vega SM, Hillegass MG, Carnes P, Scherer C, Brill S, Yu J, Brennan JJ, Gatzinsky K, Navani A, Snook LT, Jr., Bujedo BM, Andrés Ares J, Murillo A, Trobridge AT, Assil K, Shah J, McLeod C, Buwembo J, Coster O, Miller N, Sanapati M, Mikhael M, Przkora R, Sukenaga N, Raso LJ, Calodney AK, Cáceres Jerez LE, Uchiyama T, Kallewaard JW, Chandler B, Piedimonte F, Candido KD, Weaver TE, Agari T, Holthouse D, Woon R, Patel N, Lechleiter K, Jain R. Long-term safety of spinal cord stimulation systems in a prospective, global registry of patients with chronic pain. *Pain Manag.* 2023;13:115-27. PMID [36691862](#)
 69. **Riccardi S**, Ferri R, **Garbazza C**, **Miano S**, **Manconi M**. Pharmacological responsiveness of periodic limb movements in patients with restless legs syndrome: a systematic review and meta-analysis. *J Clin Sleep Med.* 2023;19:811-22. PMID [36692194](#)
 70. Riegger M, Le H, **van Kuijk SMJ**, Guyenes G, Candrian C, **Cianfoni A**, Hirsch JA, **Koetsier E**. Intradiscal Glucocorticoid Injection in Discogenic Back Pain and Influence on Modic Changes: A Systematic Review and Meta-analysis of RCTs. *Pain Physician.* 2023;26:E449-e65. PMID [37774181](#)
 71. Rocca MA, Valsasina P, Meani A, **Gobbi C**, **Zecca C**, Barkhof F, Schoonheim MM, Strijbis EM, Vrenken H, Gallo A, Bisecco A, Ciccarelli O, Yiannakas M, Rovira A, Sastre-Garriga J, Palace J, Matthews L, Gass A, Eisele P, Lukas C, Bellenberg B, Margoni M, Preziosa P, Filippi M. Spinal cord lesions and brain grey matter atrophy independently predict clinical worsening in definite multiple sclerosis: a 5-year, multicentre study. *J Neurol Neurosurg Psychiatry.* 2023;94:10-8. PMID [36171105](#)
 72. Roethlisberger M, Aghlmandi S, Rychen J, Chiappini A, Zumofen DW, Bawarjan S, Stienen MN, Fung C, D'Alonzo D, Maldaner N, Steinsiepe VK, Corniola MV, Goldberg J, **Cianfoni A**, **Robert T**, Maduri R, Saliou G, Starnoni D, Weber J, Seule MA, Gralla J, Bervini D, Kulcsar Z, Burkhardt JK, Bozinov O, Remonda L, Marbacher S, Lövblad KO, Psychogios M, Bucher HC, Mariani L, Bijlenga P, Blackham KA, Guzman R. Impact of Very Small

- Aneurysm Size and Anterior Communicating Segment Location on Outcome after Aneurysmal Subarachnoid Hemorrhage. *Neurosurgery*. 2023;92:370-81. PMID [36469672](#)
73. **Sacco L, Ceroni M, Pacifico D, Zerboni G, Rossi S, Galati S, Caverzasio S, Kaelin-Lang A, Riccitelli GC.** Transcranial Magnetic Stimulation Improves Executive Functioning through Modulation of Social Cognitive Networks in Patients with Mild Cognitive Impairment: Preliminary Results. *Diagnostics (Basel)*. 2023;13:415. PMID [36766520](#)
 74. Sanak L, Kamm CP, Chan A, Stanikić M, Manjaly ZM, **Zecca C**, Calabrese P, von Wyl V. Factors associated with material deprivation in persons with multiple sclerosis in Switzerland: Cross-sectional data from the Swiss Multiple Sclerosis Registry. *Mult Scler Relat Disord*. 2023;69:104438. PMID [36495844](#)
 75. Schiel JE, Tamm S, Holub F, Petri R, Dashti HS, Domschke K, Feige B, Goodman MO, Jones SE, Lane JM, **Ratti PL**, Ray DW, Redline S, Riemann D, Rutter MK, Saxena R, Sexton CE, Tahmasian M, Wang H, Weedon MN, Weihs A, Kyle SD, Spiegelhalder K. Associations between sleep health and grey matter volume in the UK Biobank cohort (n = 33 356). *Brain Commun*. 2023;5:fcad200. PMID [37492488](#)
 76. Schwab M, **de Trizio I**, Ghobrial M, Shiu JY, Sürücü O, Girolamo F, Errede M, Yilmaz M, Haybaeck J, Moiraghi A, Monnier PP, Lawler SE, Greenfield JP, Radovanovic I, Frei K, Schlapbach R, Vogel V, Virgintino D, De Bock K, Wälchli T. Nucleolin promotes angiogenesis and endothelial metabolism along the oncofetal axis in the human brain vasculature. *JCI Insight*. 2023;8:e143071. PMID [36917178](#)
 77. Sharmin S, Roos I, Simpson-Yap S, Malpas C, Sánchez MM, Ozakbas S, Horakova D, Havrdova EK, Patti F, Alroughani R, Izquierdo G, Eichau S, Boz C, Zakaria M, Onofri M, Lugaresi A, Weinstock-Guttman B, Prat A, Girard M, Duquette P, Terzi M, Amato MP, Karabudak R, Grand'Maison F, Khoury SJ, Grammond P, Lechner-Scott J, Buzzard K, Skibina O, van der Walt A, Butzkueven H, Turkoglu R, Altintas A, Maimone D, Kermodé A, Shalaby N, Pesch VV, Butler E, Sidhom Y, Gouider R, Mrabet S, Gerlach O, Soysal A, Barnett M, Kuhle J, Hughes S, Sa MJ, Hodgkinson S, Oreja-Guevara C, Ampapa R, Petersen T, Ramo-Tello C, Spitaleri D, McCombe P, Taylor B, Prevost J, Foschi M, Slee M, McGuigan C, Laureys G, Hijfte LV, de Gans K, Solaro C, Oh J, Macdonell R, Aguera-Morales E, Singhal B, Gray O, Garber J, Wijmeersch BV, Simu M, Castillo-Triviño T, Sanchez-Menoyo JL, Khurana D, Al-Asmi A, Al-Harbi T, Deri N, Fragoso Y, Lalive PH, Sinnige LGF, Shaw C, Shuey N, Csepany T, Sempere AP, Moore F, Decoo D, Willekens B, **Gobbi C**, Massey J, Hardy T, Parratt J, Kalincik T. The risk of secondary progressive multiple sclerosis is geographically determined but modifiable. *Brain*. 2023;146:4633-44. PMID [37369086](#)
 78. Silimon N, Drop B, Clénin L, Nedeltchev K, Kahles T, Tarnutzer AA, Katan M, Bonati L, Salmen S, Albert S, Salerno A, Carrera E, Berger C, Peters N, Medlin F, **Cereda C**, Bolognese M, Kägi G, Renaud S, Niederhauser J, Bonvin C, Schärer M, Mono ML, Luft A, Rodic-Tatic B, Fischer U, Jung S, Arnold M, Meinel T, Seiffge D. Ischaemic stroke despite antiplatelet therapy: Causes and outcomes. *Eur Stroke J*. 2023;8:692-702. PMID [37622482](#)
 79. Sirimarco G, Strambo D, Nannoni S, Labreuche J, **Cereda C**, Dunet V, Puccinelli F, Saliou G, Meuli R, Eskandari A, Wintermark M, Michel P. Predicting Penumbra Salvage and Infarct Growth in Acute Ischemic Stroke: A Multifactor Survival Game. *J Clin Med*. 2023;12:4561. PMID [37510676](#)
 80. **Sola M, Rendon-Angel A, Rojo Martinez V**, Sgrignani J, **Magrin C, Piovesana E**, Cavalli A, **Paganetti P, Papin S**. Tau protein binds to the P53 E3 ubiquitin ligase MDM2. *Sci Rep*. 2023;13:10208. PMID [37353565](#)
 81. Stanikić M, Twomey E, Puhan MA, Kamm CP, Salmen A, Ajdacic-Gross V, **Zecca C, Gobbi C**, von Wyl V. Experiences of persons with multiple sclerosis with the Covid-19 vaccination: A cross-sectional study of the Swiss Multiple Sclerosis Registry. *Mult Scler Relat Disord*. 2023;74:104707. PMID [37068368](#)
 82. Szabo L, Cummins N, **Paganetti P**, Odermatt A, Papassotiropoulos A, Karch C, Götz J, Eckert A, Grimm A. ER-mitochondria contacts and cholesterol metabolism are disrupted by disease-associated tau protein. *EMBO Rep*. 2023;24:e57499. PMID [37401859](#)
 83. Todea AR, Melie-Garcia L, Barakovic M, Cagol A, Rahmanzadeh R, Galbusera R, Lu PJ, Weigel M, Ruberte E, Radue EW, Schaedelin S, Benkert P, Oezguer Y, Sinnecker T, Müller S, Achtnichts L, Vehoff J, **Disanto G**, Findling O, Chan A, Salmen A, Pot C, Lalive P, Bridel C, **Zecca C**, Derfuss T, Remonda L, Wagner F, Vargas M, Du Pasquier R, **Pravata E**, Weber J, **Gobbi C**, Leppert D, Wuerfel J, Kober T, Marechal B, Corredor-Jerez R, Psychogios M, Lieb J, Kappos L, Cuadra MB, Kuhle J, Granziera C. A Multicenter Longitudinal MRI Study Assessing LeMan-PV Software Accuracy in the Detection of White Matter Lesions in Multiple Sclerosis Patients. *J Magn Reson Imaging*. 2023;58:864-76. PMID [36708267](#)
 84. Traenka C, Lorscheider J, Hametner C, Baumgartner P, Gralla J, Magoni M, Martinez-Majander N, Casolla B, Feil K, Pascarella R, Papanagiotou P, Nordanstig A, Padjen V, **Cereda CW**, Psychogios M, Nolte CH, Zini A, Michel P, Béjot Y, Kastrup A, Zedde M, Kägi G, Kellert L, Henon H, Curtze S, Pezzini A, Arnold M, Wegener S, Ringleb P, Tatlisumak T, Nederkoorn PJ, Engelter ST, Gensicke H. Recanalization Therapies for Large Vessel Occlusion Due to Cervical Artery Dissection: A Cohort Study of the EVA-TRISP Collaboration. *J Stroke*. 2023;25:272-81. PMID [37282374](#)
 85. Turner K, **Castelnovo A**, Perogamvros L, Cloninger RC, Galbiati A, Bertolotti A, Proserpio P, Terzaghi M, Manni R, Ferini Strambi L, Nobili L, **Manconi M**, Canevini MP, Zambrelli E. Psychobiological personality traits of children and adolescents with disorders of arousal. *J Psychiatr Res*. 2023;158:42-8. PMID [36571910](#)
 86. Wiest C, He S, Duchet B, Pogosyan A, Benjaber M, Denison T, Hasegawa H, Ashkan K, Baig F,

- Bertaina I**, Morgante F, Pereira EA, Torrecillos F, Tan H. Evoked resonant neural activity in subthalamic local field potentials reflects basal ganglia network dynamics. *Neurobiol Dis.* 2023;178:106019. PMID [36706929](#)
87. Yuen N, Mlynash M, O’Riordan A, Lansberg M, Christensen S, **Cereda CW**, **Bianco G**, Giurgiutiu DV, Alemseged F, Pileggi M, Campbell B, Albers GW, Heit JJ. Cerebral perfusion imaging predicts final infarct volume after basilar artery thrombectomy. *J Stroke Cerebrovasc Dis.* 2023;32:106866. PMID [36427471](#)
88. **Zaed I**, **Marchi F**, **Milani D**, **Cabrilo I**, **Cardia A**. Role of Enhanced Recovery after Surgery (ERAS) Protocol in the Management of Elderly Patients with Glioblastoma. *J Clin Med.* 2023;12:6032. PMID [37762972](#)
89. **Zecca C**, Terrazzino S, **Para D**, **Campagna G**, **Viana M**, Schankin CJ, **Gobbi C**. Response to erenumab assessed by Headache Impact Test-6 is modulated by genetic factors and arterial hypertension: An explorative cohort study. *Eur J Neurol.* 2023;30:1099-108. PMID [36627267](#)

Reviews

90. Bischof MCM, Stadelmann MIE, **Janett S**, Bianchetti MG, Camozzi P, Goeggel Simonetti B, Lava SAG, Milani GP. Valproic Acid-Associated Acute Pancreatitis: Systematic Literature Review. *J Clin Med.* 2023;12:6044. PMID [37762984](#)
91. Bombardieri AM, Albers GW, Rodriguez S, **Pileggi M**, Steinberg GK, Heit JJ. Percutaneous cervical sympathetic block to treat cerebral vasospasm and delayed cerebral ischemia: a review of the evidence. *J Neurointerv Surg.* 2023;15:1212-7. PMID [36597947](#)
92. **Cardia A**, Cannizzaro D, Stefini R, Chibbaro S, Ganau M, **Zaed I**. The efficacy of laser interstitial thermal therapy in the management of spinal metastases: a systematic review of the literature. *Neurol Sci.* 2023;44:519-28. PMID [36181543](#)
93. **Jannelli G**, Calvanese F, Jouanneau E, Jacquesson T. Frontal trans-sinusal approach: how I do it. *Acta Neurochir (Wien).* 2023;165:2963-8. PMID [37672096](#)
94. Ma YJ, Moazamian D, Port JD, Edjlali M, Pruvo JP, Hacein-Bey L, Hoggard N, Paley MNJ, Menon DK, Bonekamp D, **Pravatà E**, Garwood M, Danesh-Meyer H, Condron P, Cornfeld DM, Holdsworth SJ, Du J, Bydder GM. Targeted magnetic resonance imaging (tMRI) of small changes in the T(1) and spatial properties of normal or near normal appearing white and gray matter in disease of the brain using divided subtracted inversion recovery (dSIR) and divided reverse subtracted inversion recovery (drSIR) sequences. *Quant Imaging Med Surg.* 2023;13:7304-37. PMID [37869282](#)
95. **Marchi F**, **Mollica C**, **Bonasia S**, **Robert T**. Clipping and exclusion of a thoracic pial arteriovenous fistula with multiple shunting points: how I do it. *Acta Neurochir (Wien).* 2023;165:983-7. PMID [36645489](#)
96. Montalban X, Matthews PM, Simpson A, Petrie JL, Sammon C, Ramagopalan S, **Disanto G**, Kuhle J. Real-world evaluation of ocrelizumab in multiple sclerosis: A systematic review. *Ann Clin Transl Neurol.* 2023;10:302-11. PMID [36728340](#)
97. Raimondi R, D’Esposito F, Sorrentino T, Tsoutsanis P, De Rosa FP, Stradiotto E, Barone G, **Rizzato A**, Allegrini D, Costagliola C, Romano MR. How to Set Up Genetic Counselling for Inherited Macular Dystrophies: Focus on Genetic Characterization. *Int J Mol Sci.* 2023;24:9722. PMID [37298674](#)
98. **Scarone P**, Van Santbrink W, **Koetsier E**, Smeets A, Van Santbrink H, Peters ML. The effect of perioperative psychological interventions on persistent pain, disability, and quality of life in patients undergoing spinal fusion: a systematic review. *Eur Spine J.* 2023;32:271-88. PMID [36427089](#)
99. Silvani A, Ghorayeb I, **Manconi M**, Li Y, Clemens S. Putative Animal Models of Restless Legs Syndrome: A Systematic Review and Evaluation of Their Face and Construct Validity. *Neurotherapeutics.* 2023;20:154-78. PMID [36536233](#)
100. Tartara F, Montalbetti A, Crobeddu E, Armocida D, Tavazzi E, **Cardia A**, Cenzato M, Boeris D, Garbossa D, Cofano F. Compartmental Cerebrospinal Fluid Events Occurring after Subarachnoid Hemorrhage: An “Heparin Oriented” Systematic Review. *Int J Mol Sci.* 2023;24:7832. PMID [37175544](#)
101. Tessitore E, Mastantuoni C, **Cabrilo I**, Schonauer C. Novelty for increased safety in craniocervical surgery: a review. *Acta Neurochir (Wien).* 2023;165:3027-38. PMID [37659044](#)
102. Vayssiere P, Broekman M, **Cavallo C**, Engel D, Hadelberg UP, Hatipoglu Majernik G, Hoellig A, Ilic T, Janz C, Jeltema HR, Mielke D, Rodriguez-Hernández A, Ryang YM, Fozia S, Syrmos N, Vanchaze K, Hernandez-Duran S. Parenthood and neurosurgery in Europe a white paper from the European Association of Neurosurgical Societies’ Diversity in Neurosurgery Committee Part I - Family Planning and Practice during Pregnancy. *Brain Spine.* 2023;3:102690. PMID [38021011](#)
103. **Zaed I**, Della Pepa GM, Cannizzaro D, Menna G, **Cardia A**. Applicability and efficacy of ultrasound elastography in neurosurgery: a systematic review of the literature. *J Neurosurg Sci.* 2023;67:750-7. PMID [36239425](#)

Editorials or letters or comments

104. Cantone M, **Sacco L**. Editorial: Highlights in Alzheimer’s and Parkinson’s disease. *Front Hum Neurosci.* 2023;17:1238525. PMID [37614569](#)
105. **Cianfoni A**, **Venier A**, Hirsch JA. Thoracolumbar vertebral fractures with posterior wall retropulsion: room and importance for an effective minimally invasive treatment. *Ann Palliat Med.* 2023;12:1112-4. PMID [37574581](#)
106. Grilli M, **Zaed I**. Editorial: Neuroplasticity in cognitive and psychological mechanisms of anxiety. *Front Mol Neurosci.* 2023;16:1241279. PMID [37465365](#)
107. Lüthi A, Franken P, **Fulda S**, Siclari F, Van Someren EJW. Do all norepinephrine surges disrupt sleep? *Nat Neurosci.* 2023;26:955-6. PMID [37081297](#)
108. **Sacco L**, **Morellini L**, Cerami C. Editorial: The diagnosis and the therapy of social cognition deficits in adults affected by ADHD and MCI. *Front Neurol.* 2023;14:1162510. PMID [36937525](#)
109. Seners P, **Cereda CW**. Thrombectomy in

- Stroke With a Large Vessel Occlusion and Mild Symptoms: "Striving to Better, Oft We Mar What's Well?". *Stroke*. 2023;54:2276-8. PMID [37526012](#)
110. Servadei F, Cannizzaro D, **Zaed I**, Iaccarino C, **Cardia A**. Neurotrauma Care: A Worldwide Perspective. *J Neurotrauma*. 2023;40:597-601. PMID [36893218](#)
 111. **Zaed I**, **Cardia A**. Letter: I Asked a ChatGPT to Write an Editorial About How We Can Incorporate Chatbots Into Neurosurgical Research and Patient Care.... *Neurosurgery*. 2023;93:e107-e8. PMID [37498091](#)
 112. **Zaed I**, Chibbaro S. In Reply to the Letter to the Editor Regarding "Burnout Among Neurosurgeons and Residents in Neurosurgery: A Systematic Review and Meta-Analysis of the Literature". *World Neurosurg*. 2023;178:282. PMID [37803673](#)
 113. **Zaed I**, **Marchi F**, Cannizzaro D, **Cardia A**. Improving neurosurgical research through a trainee-led research community. *J Neurosurg Sci*. 2023;67:773-4. PMID [37306619](#)
 114. Case reports
 115. **Billia F**, **Palmieri N**, **Maccari A**, **Menna F**, **Consigli A**. Hypertensive Retinopathy as a Presenting Sign of Pheochromocytoma with Malignant Hypertension: A Child Case. *Case Rep Ophthalmol*. 2023;14:348-52. PMID [37901632](#)
 116. **Bruzzone F**, **Beltraminelli T**, **Casanova A**, **Menghini M**. Management of Coats-Like Disease in a Forty-Four-Year-Old Patient with FSHD Type I. *Case Rep Ophthalmol*. 2023;14:250-6. PMID [37383166](#)
 117. **De Pieri M**, **Manconi M**, **Riccardi S**, **Miano S**. Central sleep apneas with Cheyne-Stokes breathing in a patient with narcolepsy type 1. *Sleep Med*. 2023;112:232-3. PMID [37924632](#)
 118. Gerli V, **Koetsier E**, Ledingham N, **Maino P**. "Can't Intubate Can't Oxygenate" Situation in an Elective Patient in Suspected Sarcoidosis: A Case Report. *Eur J Case Rep Intern Med*. 2023;10:004088. PMID [37920228](#)
 119. **Hackethal S**, **Maino P**, **Koetsier E**, **Manconi M**. Spinal cord stimulation in severe pharmaco-resistant restless legs syndrome-two case reports. *Front Neurol*. 2023;14:1219881. PMID [38099065](#)
 120. **Mollica C**, **Guatta R**, **Scarone P**. Augmented Reality Surgical Navigation in Hybrid Operating Room for Minimally Invasive Lumbar Fusion: 2-Dimensional Operative Video. *Oper Neurosurg (Hagerstown)*. 2023;25:e107. PMID [37166196](#)
 121. **Pinna N**, **Piccoli F**, **Pileggi M**, **Cianfoni A**. The 'corkscrew' sign: an indirect MRI hint for intracranial venous hypertension. *BMJ Case Rep*. 2023;16: e258685. PMID [38160032](#)
 122. **Rossi S**, **Prodi E**, Morese R, Paone G, **Ruberto T**, **Sacco L**. Persistent 18F-FDG Brain PET Fronto-Temporal Hypometabolism and Cognitive Symptoms Two Years after SARS-CoV-2 Infection: A Case Report. *Neurol Int*. 2023;15:908-16. PMID [37606391](#)
 123. **Sparasci D**, Castelli C, **Staedler C**, **Gobbi C**, **Ripellino P**. Inclusions in macrophages of the cerebrospinal fluid during treatment with Tofersen. *Muscle Nerve*. 2023;67:E3-e5. PMID [36477882](#)

Cardiocentro Ticino Institute

Publications are listed in alphabetical order for each section: original articles (including meta-analyses, surveys, research letters, consensus and delphi-based consensus paper); reviews (including systematic reviews without meta-analyses, protocols); editorials or letters or comments; case reports. EOC authors affiliated with the Institute/Department are highlighted in bold.

Original articles

1. Adi O, Fong CP, Sallehuddin RM, Ahmad AH, Sum KM, Yusof ZM, **Via G**, Tavazzi G. Airway ultrasound to detect subglottic secretion above endotracheal tube cuff. *Ultrasound J*. 2023;15:23. PMID [37148375](#)
2. Aebersold H, Foster-Witassek F, Serra-Burriel M, Brüngger B, Aeschbacher S, Beer JH, Blozik E, Blum M, Bonati L, Conen D, **Conte G**, Felder S, Huber C, Kuehne M, **Moschovitis G**, Mueller A, Paladini RE, Reichlin T, Rodondi N, Springer A, Stauber A, Sticherling C, Szucs T, Osswald S, Schwenkglenks M. Estimating the cost impact of atrial fibrillation using a prospective cohort study and population-based controls. *BMJ Open*. 2023;13:e072080. PMID [37709325](#)
3. Aebersold H, Serra-Burriel M, Foster-Witassek F, **Moschovitis G**, Aeschbacher S, **Auricchio A**, Beer JH, Blozik E, Bonati LH, Conen D, Felder S, Huber CA, Kuehne M, Mueller A, Oberle J, Paladini RE, Reichlin T, Rodondi N, Springer A, Stauber A, Sticherling C, Szucs TD, Osswald S, Schwenkglenks M. Patient clusters and cost trajectories in the Swiss Atrial Fibrillation cohort. *Heart*. 2023;109:763-70. PMID [36332981](#)
4. Alachkar MN, Schnupp S, Eichelsdoerfer A, **Milzi A**, Mady H, Salloum B, Bisht O, Cheikh-Ibrahim M, Forkmann M, Krygier L, Mahnkopf C. Feasibility and Efficacy of Transcatheter Tricuspid Valve Repair in Patients with Cardiac Implanted Electrical Devices and Trans-Tricuspid Leads. *J Clin Med*. 2023;12:4930. PMID [37568330](#)
5. **Altomare C**, Bartolucci C, Sala L, **Balbi C**, **Burrello J**, **Pietrogiorganna N**, Burrello A, **Bolis S**, **Panella S**, Arici M, Krause R, Rocchetti M, Severi S, **Barile L**. A dynamic clamping approach using in silico IK1 current for discrimination of chamber-specific hiPSC-derived cardiomyocytes. *Commun Biol*. 2023;6:291. PMID [36934210](#)
6. Arnold M, Richards M, D'Onofrio A, Faulkner B, Gulizia M, Thakur R, Sakata Y, Lin W, Pollastrelli A, Grammatico A, **Auricchio A**, Boriani G. Avoiding unnecessary ventricular pacing is associated with reduced incidence of heart failure hospitalizations and persistent atrial fibrillation in pacemaker patients. *Europace*. 2023;25:eua065. PMID [36942949](#)
7. Ascione C, Kowalewski C, **Bergonti M**, Yokoyama M, Monaco C, Bouyer B, Chauvel R, Arnaud M, Buliard S, Tixier R, Vlachos K, Krisai P, Kamakura T, Takagi T, Duchateau J, Pambrun T, Derval N, Hocini M, Haïssaguerre M, Jaïs P, Sacher F. Omnipolar versus bipolar mapping to guide ventricular tachycardia ablation. *Heart Rhythm*. 2023;20:1370-7. PMID [37414109](#)

8. **Auricchio A**, **Demarchi A**, **Özkartal T**, **Campanale D**, **Caputo ML**, **di Valentino M**, **Menafoglio A**, **Regoli F**, **Facchini M**, **Del Bufalo A**, **Foglia P**, **Ferrari N**, **Bomio F**, Medeiros-Domingo A, **Mocchetti T**, **Pedrazzini GB**, Klersy C, **Conte G**. Role of genetic testing in young patients with idiopathic atrioventricular conduction disease. *Europace*. 2023;25:643-50. PMID [36352534](#)
9. Baldi E, **Conte G**, Zeppenfeld K, Lenarczyk R, Guerra JM, Farkowski MM, de Asmundis C, Boveda S. Contemporary management of ventricular electrical storm in Europe: results of a European Heart Rhythm Association Survey. *Europace*. 2023;25:1277-83. PMID [36196613](#)
10. Baldi E, D'Alto A, Benvenuti C, **Caputo ML**, Cresta R, Cianella R, **Auricchio A**. Perceived threats and challenges experienced by first responders during their mission for an out-of-hospital cardiac arrest. *Resusc Plus*. 2023;14:100403. PMID [37287957](#)
11. Barison A, Ricci F, **Pavon AG**, Muscogiuri G, Bisaccia G, Camastra G, De Lazzari M, Lanzillo C, Raguso M, Monti L, Vargiu S, Pedrotti P, Piacenti M, Todiere G, Pontone G, Indolfi C, Dellegrottaglie S, Lombardi M, Schwitter J, Aquaro GD, On Behalf Of The Ricami Investigators Risonanza Magnetica Cardiaca Nei Portatori di PI, On Behalf Of The Working Group On Cardiovascular Magnetic Resonance Of The Italian Society Of C. Cardiovascular Magnetic Resonance in Patients with Cardiac Electronic Devices: Evidence from a Multicenter Study. *J Clin Med*. 2023;12:6673. PMID [37892813](#)
12. Bass RD, García-García HM, Ueki Y, Holmvang L, **Pedrazzini G**, Roffi M, Koskinas KC, Shibutani H, Losdat S, Ziemer PGP, Blanco PJ, Levine MB, Bourantas CV, Räber L. Effect of High-Intensity Statin Therapy on Atherosclerosis (IBIS-4): Manual Versus Automated Methods of IVUS Analysis. *Cardiovasc Revasc Med*. 2023;54:33-8. PMID [37087308](#)
13. Baumgartner P, Reiner MF, Wiencierz A, Coslovsky M, Bonetti NR, Filipovic MG, Aeschbacher S, Kühne M, Zuern CS, Rodondi N, Oberle J, **Moschovitis G**, Lüscher TF, Camici GG, Osswald S, Conen D, Beer JH. Omega-3 Fatty Acids and Heart Rhythm, Rate, and Variability in Atrial Fibrillation. *J Am Heart Assoc*. 2023;12:e027646. PMID [37259986](#)
14. **Bergonti M**, Ascione C, Marcon L, Pambrun T, Della Rocca DG, Ferrero TG, Pannone L, Kühne M, Compagnucci P, Bonomi A, Gevaert AB, Anselmino M, Casella M, Krisai P, Tondo C, Rodríguez-Mañero M, Derval N, Chierchia GB, de Asmundis C, Heidbuchel H, Jaïs P, Sarkozy A. Left ventricular functional recovery after atrial fibrillation catheter ablation in heart failure: a prediction model. *Eur Heart J*. 2023;44:3327-35. PMID [37387689](#)
15. Biasco L, Foster-Witassek F, Radovanovic D, Dittli P, **Tersalvi G**, Rickli H, Roffi M, Eberli F, Jeger R, Erne P, **Pedrazzini G**. Prognostic value of low heart rates in patients admitted with acute myocardial infarction. *Rev Esp Cardiol (Engl Ed)*. 2023;76:626-34. PMID [36746231](#)
16. Biasco L, Klersy C, Benfari G, Biaggi P, Corti R, Curti M, Gaemperli O, Jeger R, Maisano F, Mueller O, Naegeli B, Noble S, Praz F, **Tersalvi G**,

- Toggweiler S, **Valgimigli M**, Enriquez-Sarano M, **Pedrazzini G**. Restoration of Life Expectancy After Transcatheter Edge-to-Edge Mitral Valve Repair. *JACC Cardiovasc Interv.* 2023;16:2231-41. PMID [37632476](#)
17. **Bonanni M, Angelini G, Leo LA, Schlossbauer SA, Bergamaschi L, Landi A**, Sangiorgi GM, Forleo C, **Pasotti E, Pedrazzini G, Valgimigli M, Faletta FF**, Guglielmo M, **Pavon AG**. Multimodality Imaging Evaluation to Detect Subtle Right Ventricular Involvement in Patients with Acute Myocarditis and Preserved Left Ventricular Ejection Fraction. *J Clin Med.* 2023;12:4308. PMID [37445342](#)
 18. **Bongiovanni D**, Schreiner N, Gosetti R, Mayer K, Angiolillo DJ, Sibbing D, Holdenrieder S, Anetsberger A, von Scheidt M, Schunkert H, Laugwitz KL, Schüpke S, Kastrati A, Fegers-Wustrow I, Bernlochner I. Immature Platelet Fraction Predicts Adverse Events in Patients With Acute Coronary Syndrome: the ISAR-REACT 5 Reticulated Platelet Substudy. *Arterioscler Thromb Vasc Biol.* 2023;43:e83-e93. PMID [36546322](#)
 19. Boriani G, **Auricchio A**, Botto GL, Joseph JM, Roberts GJ, Grammatico A, Nabutovsky Y, Piccini JP. Insertable cardiac monitoring results in higher rates of atrial fibrillation diagnosis and oral anticoagulation prescription after ischaemic stroke. *Europace.* 2023;25:eua212. PMID [37490349](#)
 20. **Burrello J**, Monticone S, Burrello A, **Bolis S**, Cristalli CP, Comai G, Corradetti V, Grange C, Orlando G, Bonafè M, La Manna G, **Barile L**, Bussolati B. Identification of a serum and urine extracellular vesicle signature predicting renal outcome after kidney transplant. *Nephrol Dial Transplant.* 2023;38:764-77. PMID [36073758](#)
 21. **Caputo ML**, Baldi E, **Krüll JD, Pongan D**, Cresta R, Benvenuti C, Cianella R, Primi R, Currao A, Bendotti S, Compagnoni S, Gentile FR, Anselmi L, Savastano S, Klersy C, **Auricchio A**. Impact of sex and role of coronary artery disease in out-of-hospital cardiac arrest presenting with refractory ventricular arrhythmias. *Front Cardiovasc Med.* 2023;10:1074432. PMID [37113702](#)
 22. Coisne A, Scotti A, Taramasso M, Granada JF, Ludwig S, Rodés-Cabau J, Lurz P, Hausleiter J, Fam N, Kodali SK, **Pozzoli A**, Alessandrini H, Biasco L, Brochet E, Denti P, Estevez-Loureiro R, Frerker C, Ho EC, Monivas V, Nickenig G, Praz F, Puri R, Sievert H, Tang GHL, Andreas M, Von Bardeleben RS, Rommel KP, Muntané-Carol G, Gavazzoni M, Braun D, Lubos E, Kalbacher D, Connelly KA, Juliard JM, Harr C, **Pedrazzini G**, Philippon F, Schofer J, Thiele H, Unterhuber M, Himbert D, Alcázar MU, Wild MG, Jorde U, Windecker S, Maisano F, Leon MB, Hahn RT, Latib A. Prognostic Value of Tricuspid Valve Gradient After Transcatheter Edge-to-Edge Repair: Insights From the TriValve Registry. *JACC Cardiovasc Interv.* 2023;16:706-17. PMID [36948892](#)
 23. Costa F, Montalto C, Branca M, Hong SJ, Watanabe H, Franzone A, Vranckx P, Hahn JY, Gwon HC, Feres F, Jang Y, De Luca G, Kedhi E, Cao D, Steg PG, Bhatt DL, Stone GW, Micari A, Windecker S, Kimura T, Hong MK, Mehran R, **Valgimigli M**. Dual antiplatelet therapy duration after percutaneous coronary intervention in high bleeding risk: a meta-analysis of randomized trials. *Eur Heart J.* 2023;44:954-68. PMID [36477292](#)
 24. De Marchis GM, Krisai P, Werlen L, Sinnecker T, Aeschbacher S, Dittrich TD, Polymeris AA, Coslovsky M, Blum MR, Rodondi N, Reichlin T, **Moschovitis G**, Wuerfel J, Lyrer PA, Fischer U, Conen D, Kastner P, Ziegler A, Osswald S, Kühne M, Bonati LH. Biomarker, Imaging, and Clinical Factors Associated With Overt and Covert Stroke in Patients With Atrial Fibrillation. *Stroke.* 2023;54:2542-51. PMID [37548011](#)
 25. Disanto G, **Villa M**, Maleska Maceski A, Prosperetti C, Gobbi C, Kuhle J, **Cassina T**, Agazzi P. Longitudinal serum neurofilament light kinetics in post-anoxic encephalopathy. *Ann Clin Transl Neurol.* 2023;10:2407-12. PMID [37743737](#)
 26. Feijen M, Beles M, Tan YZ, Cordon A, Dupont M, Treskes RW, **Caputo ML**, K VANB, **Auricchio A**, Egorova AD, Maes E, Beeres S, Heggermont WA. Fewer Worsening Heart Failure Events With HeartLogic on top of Standard Care: a Propensity-Matched Cohort Analysis. *J Card Fail.* 2023;29:1522-30. PMID [37220824](#)
 27. Foster-Witassek F, Aebersold H, Aeschbacher S, Ammann P, Beer JH, Blozik E, Bonati LH, **Cattaneo M**, Coslovsky M, Felder S, **Moschovitis G**, Müller A, Netzer S, Paladini RE, Reichlin T, Rodondi N, Stauber A, Sticherling C, Szucs T, Conen D, Kühne M, Osswald S, Serra-Burriel M, Schwenkglenks M. Longitudinal Changes in Health-Related Quality of Life in Patients With Atrial Fibrillation. *J Am Heart Assoc.* 2023;12:e031872. PMID [37929709](#)
 28. Foster-Witassek F, Rickli H, Roffi M, **Pedrazzini G**, Eberli F, Fassa A, Jeger R, Fournier S, Erne P, Radovanovic D. Reducing gap in pre-hospital delay between women and men presenting with ST-elevation myocardial infarction. *Eur J Prev Cardiol.* 2023;30:1056-62. PMID [36511951](#)
 29. Galea R, Aminian A, Meneveau N, De Marco F, Heg D, Anselme F, Gräni C, Huber AT, Teiger E, Iriart X, Franzone A, Vranckx P, Fischer U, **Pedrazzini G**, Bedogni F, **Valgimigli M**, Räber L. Impact of Preprocedural Computed Tomography on Left Atrial Appendage Closure Success: A Swiss-Apero Trial Subanalysis. *JACC Cardiovasc Interv.* 2023;16:1332-43. PMID [37316145](#)
 30. **Gallo M**, van den Berg JC, **Torre T, Riggi M, Demertzis S, Ferrari E**. Long-Term Outcomes and Risk Factors Analysis for Patients Undergoing Thoracic Endovascular Aorta Repair (TEVAR), According to the Aortic Pathologies. *Ann Vasc Surg.* 2023;94:362-8. PMID [36907507](#)
 31. Gargiulo G, Marenga A, Sperandeo L, Manzi L, Avvedimento M, Simonetti F, Canonico ME, Paolillo R, Spinelli A, Borgia F, Diserfino L, Franzone A, Stabile E, Piccolo R, Cirillo P, **Valgimigli M**, Esposito G. Pharmacodynamic effects of cangrelor in elective complex PCI: insights from the POMPEII Registry. *EuroIntervention.* 2023;18:1266-8. PMID [36512429](#)
 32. Gentile FR, Baldi E, Klersy C, Schnaubelt S, **Caputo ML**, Clodi C, **Bruno J**, Compagnoni S, Fasolino A, Benvenuti C, Domanovits H, Burkart R, Primi R, Ruzicka G, Holzer M, **Auricchio A**, Savastano S.

- Association Between Postresuscitation 12-Lead ECG Features and Early Mortality After Out-of-Hospital Cardiac Arrest: A Post Hoc Subanalysis of the PEACE Study. *J Am Heart Assoc.* 2023;12:e027923. PMID [37183852](#)
33. Gold MR, Ellenbogen KA, Leclercq C, Lowy J, Rials SJ, Shoda M, Tomassoni G, Issa Z, Sarrazin JF, Jennings JM, Nair DG, Wold N, Yong P, Harbin MM, Stein KM, **Auricchio A**. Effects of Atrioventricular Optimization on Left Ventricular Reverse Remodeling With Cardiac Resynchronization Therapy: Results of the SMART-CRT Trial. *Circ Arrhythm Electrophysiol.* 2023;16:e011714. PMID [37183700](#)
34. González-Ferrero T, **Bergonti M**, López-Canoa JN, Arias FG, Eiras Penas S, Spera F, González-Maestro A, Minguito-Carazo C, Martínez-Sande JL, González-Melchor L, García-Seara FJ, Fernández-López JA, Álvarez-Castro E, González-Juanatey JR, Heidbuchel H, Sarkozy A, Rodríguez-Mañero M. Atrial fibrillation ablation in patients with arrhythmia-induced cardiomyopathy: a prospective multicentre study. *ESC Heart Fail.* 2023;10:3055-66. PMID [37593841](#)
35. Gragnano F, Cao D, Pirondini L, Franzone A, Kim HS, von Scheidt M, Pettersen AR, Zhao Q, Woodward M, Chiarito M, McFadden EP, Park KW, Kastrati A, Seljeflot I, Zhu Y, Windecker S, Kang J, Schunkert H, Arnesen H, Bhatt DL, Steg PG, Calabrò P, Pocock S, Mehran R, **Valgimigli M**. P2Y(12) Inhibitor or Aspirin Monotherapy for Secondary Prevention of Coronary Events. *J Am Coll Cardiol.* 2023;82:89-105. PMID [37407118](#)
36. Gragnano F, Mehran R, Branca M, Franzone A, Baber U, Jang Y, Kimura T, Hahn JY, Zhao Q, Windecker S, Gibson CM, Kim BK, Watanabe H, Song YB, Zhu Y, Vranckx P, Mehta S, Hong SJ, Ando K, Gwon HC, Calabrò P, Serruys PW, Dangas GD, McFadden EP, Angiolillo DJ, Heg D, **Valgimigli M**. P2Y(12) Inhibitor Monotherapy or Dual Antiplatelet Therapy After Complex Percutaneous Coronary Interventions. *J Am Coll Cardiol.* 2023;81:537-52. PMID [36754514](#)
37. Guglielmo M, Arangalage D, Bonino MA, Angelini G, Bonanni M, Pontone G, **Pascale P, Leo LA, Faletra F, Schwitter J, Pedrazzini G, Monney P, Pavon AG**. Additional value of cardiac magnetic resonance feature tracking parameters for the evaluation of the arrhythmic risk in patients with mitral valve prolapse. *J Cardiovasc Magn Reson.* 2023;25:32. PMID [37316826](#)
38. Haeberlin A, Noti F, Breitenstein A, **Auricchio A**, Reichlin T, **Conte G**, Klersy C, Curti M, Pruvot E, Domenichini G, Schaer B, Kühne M, Gruszczynski M, Burri H, Kobza R, Grebmer C, **Regoli FD**. Transvenous Lead Extraction during Cardiac Implantable Device Upgrade: Results from the Multicenter Swiss Lead Extraction Registry. *J Clin Med.* 2023;12:5175. PMID [37629216](#)
39. Halasz G, **Capelli B**, Nardecchia A, **Cattaneo M, Cassina T**, Biasini V, Barbieri D, **Villa M**, Beltrami M, Perone F, Villani M, **Badini M**, Gervasi F, Piepoli M, **Via G**. Cost-effectiveness and diagnostic accuracy of focused cardiac ultrasound in the pre-participation screening of athletes: the SPORT-FOCUS study. *Eur J Prev Cardiol.* 2023;30:1748-57. PMID [37668353](#)
40. Hennings E, Blum S, Aeschbacher S, Coslovsky M, Knecht S, Eken C, Lischer M, Paladini RE, Krisai P, Reichlin T, Rodondi N, Beer JH, Ammann P, **Conte G, De Perna ML**, Kobza R, Blum MR, Bossard M, Kastner P, Ziegler A, Müller C, Bonati LH, Pfister O, Zuern CS, Conen D, Kühne M, Osswald S. Bone Morphogenetic Protein 10-A Novel Biomarker to Predict Adverse Outcomes in Patients With Atrial Fibrillation. *J Am Heart Assoc.* 2023;12:e028255. PMID [36926939](#)
41. Herber E, Aeschbacher S, Coslovsky M, Schwendinger F, Hennings E, Gasser A, **Di Valentino M**, Rigamonti E, Reichlin T, Rodondi N, Netzer S, Beer JH, Stauber A, Müller A, Ammann P, Sinnecker T, Duering M, Wuerfel J, Conen D, Kühne M, Osswald S, Bonati LH. Physical activity and brain health in patients with atrial fibrillation. *Eur J Neurol.* 2023;30:567-77. PMID [36478335](#)
42. Hofer D, **Regoli F**, Saguner AM, **Conte G**, Jelisejevas J, **Luce Caputo M**, Graup V, **Grazioli Gauthier L**, Gasperetti A, Steffel J, **Auricchio A**, Breitenstein A. Efficacy and Safety of Leadless Pacemaker Implantation in Octogenarians. *Cardiology.* 2023;148:441-7. PMID [37487479](#)
43. Iliodromitis K, Lenarczyk R, Scherr D, **Conte G**, Farkowski MM, Marin F, Garcia-Seara J, Simovic S, Potpara T. Patient selection, peri-procedural management, and ablation techniques for catheter ablation of atrial fibrillation: an EHRA survey. *Europace.* 2023;25:667-75. PMID [36512365](#)
44. Januszkiewicz Ł, Barra S, Marijon E, Providencia R, de Asmundis C, Chun JKR, Farkowski MM, **Conte G**, Boveda S. Major gaps in the information provided to patients before implantation of cardioverter defibrillators: a prospective patient European evaluation. *Europace.* 2023;25:1144-51. PMID [36691111](#)
45. Januszkiewicz Ł, Barra S, Providencia R, Chun JKR, **Conte G**, Farkowski MM, Guerra JM, Marijon E, de Asmundis C, Boveda S. Regional disparity on patient characteristics and perceptions after implantable cardioverter-defibrillator implantation: results from an EHRA patient survey. *Europace.* 2023;25: eua1110. PMID [37140046](#)
46. Januszkiewicz Ł, Grabowski M, Farkowski MM, Życiński P, Jędrychowski T, Pytkowski M, Chun JKR, Guerra JM, **Conte G**, Barra S, Boveda S, Kempa M. Implantable Cardioverter-Defibrillators in Poland Compared with other European Countries from the Patient's Perspective: Insights from the EHRA Patient Survey. *Int J Environ Res Public Health.* 2023;20:5045. PMID [36981953](#)
47. Jiritano F, Serraino GF, Di Mauro M, Borelli M, Scrofani R, Patanè L, **Caporali E**, Matteucci M, Fina D, Kowalewski M, Pollari F, Fischlein T, Visicchio G, Paparella D, Falcetta G, Colli A, Mastroberto P, Cappabianca G, Lorusso R. Platelet Reduction after Aortic Bioprosthesis Implantation: Results from the PORTRAIT Study. *J Clin Med.* 2023;12:7414. PMID [38068466](#)
48. Jonsson M, Berglund E, Baldi E, **Caputo ML, Auricchio A**, Blom MT, Tan HL, Stieglis R, Andelius L, Folke F, Hollenberg J, Svensson L, Ringh M. Dispatch of Volunteer Responders to Out-of-Hospital Cardiac Arrests. *J Am Coll Cardiol.* 2023;82:200-10. PMID [37438006](#)

49. Kircanski B, Boveda S, Prinzen F, Sorgente A, Anic A, **Conte G**, Burri H. Conduction system pacing in everyday clinical practice: EHRA physician survey. *Europace*. 2023;25:682-7. PMID [36413604](#)
50. Kraler S, **Balbi C**, Vdovenko D, Lapikova-Bryhinska T, Camici GG, Liberale L, Bonetti N, Canestro CD, Burger F, Roth A, Carbone F, **Vassalli G**, Mach F, Bhasin S, Wenzl FA, Muller O, Räber L, Matter CM, Montecucco F, Lüscher TF, Akhmedov A. Circulating GDF11 exacerbates myocardial injury in mice and associates with increased infarct size in humans. *Cardiovasc Res*. 2023;119:2729-42. PMID [37742057](#)
51. Lakshmi Narasimhan P, Tokoutsi Z, **Baroli D**, Baragona M, Veroy K, Maessen R, Ritter A. Global sensitivity study for irreversible electroporation: Towards treatment planning under uncertainty. *Med Phys*. 2023;50:1290-304. PMID [36635955](#)
52. **Landi A**, Branca M, Leonardi S, **Frigoli E**, Vranckx P, Tebaldi M, Varbella F, Calabrò P, Esposito G, Sardella G, Garducci S, Andò G, Limbruno U, Sganzerla P, Santarelli A, Briguori C, Colangelo S, Brugaletta S, Adamo M, Omerovic E, Heg D, Windecker S, **Valgimigli M**. Transient vs In-Hospital Persistent Acute Kidney Injury in Patients With Acute Coronary Syndrome. *JACC Cardiovasc Interv*. 2023;16:193-205. PMID [36697156](#)
53. **Landi A**, Chiarito M, Branca M, **Frigoli E**, Gagnor A, Calabrò P, Briguori C, Andò G, Repetto A, Limbruno U, Sganzerla P, Lupi A, Cortese B, Ausiello A, Ierna S, Esposito G, Ferrante G, Santarelli A, Sardella G, Varbella F, Heg D, Mehran R, **Valgimigli M**. Validation of a Contemporary Acute Kidney Injury Risk Score in Patients With Acute Coronary Syndrome. *JACC Cardiovasc Interv*. 2023;16:1873-86. PMID [37587595](#)
54. **Landi A**, Heg D, **Frigoli E**, Vranckx P, Windecker S, Siegrist P, Cayla G, Włodarczak A, Cook S, Gómez-Blázquez I, Feld Y, Seung-Jung P, Mates M, Lotan C, Gunasekaran S, Nanasato M, Das R, Kelbæk G, Teiger E, Escaned J, Ishibashi Y, Montalescot H, Matsuo H, Debeljacki D, Smits PC, **Valgimigli M**. Abbreviated or Standard Antiplatelet Therapy in HBR Patients: Final 15-Month Results of the MASTER-DAPT Trial. *JACC Cardiovasc Interv*. 2023;16:798-812. PMID [37045500](#)
55. Liberale L, Puspitasari YM, Ministrini S, Akhmedov A, Kraler S, Bonetti NR, Beer G, Vukolic A, **Bongiovanni D**, Han J, Kirmes K, Bernlochner I, Pelisek J, Beer JH, Jin ZG, Pedicino D, Liuzzo G, Stellos K, Montecucco F, Crea F, Lüscher TF, Camici GG. JCAD promotes arterial thrombosis through PI3K/Akt modulation: a translational study. *Eur Heart J*. 2023;44:1818-33. PMID [36469488](#)
56. Lilja G, Ullén S, Dankiewicz J, Friberg H, Levin H, Nordström EB, Heimburg K, Jakobsen JC, Ahlqvist M, Bass F, Belohlavek J, Olsen RB, Cariou A, Eastwood G, Fanebust HR, Grejs AM, Grimmer L, Hammond NE, Hovdenes J, Hrecko J, Iten M, Johansen H, Keeble TR, Kirkegaard H, Lascarrou JB, Leithner C, Lesona ME, Levis A, Mion M, Moseby-Knappe M, Navarra L, Nordberg P, Pelosi P, Quayle R, Rylander C, Sandberg H, Saxena M, Schrag C, Siranec M, **Cassina T**, Vignon P, Wendel-Garcia PD, Wise MP, Wright K, Nielsen N, Cronberg T. Effects of Hypothermia vs Normothermia on Societal Participation and Cognitive Function at 6 Months in Survivors After Out-of-Hospital Cardiac Arrest: A Predefined Analysis of the TTM2 Randomized Clinical Trial. *JAMA Neurol*. 2023;80:1070-9. PMID [37548968](#)
57. Linz D, Chun J, Guerra F, **Conte G**, Garcia R, Kommata V, Malaczynska-Rajpold K, Nesti M, Duncker D. Electrophysiology fellowship experience and requirements: an EHRA survey. *Europace*. 2023;25:euad249. PMID [37682245](#)
58. Lisi V, **Senesi G**, Bertola N, Pecoraro M, **Bolis S**, Gualerzi A, Picciolini S, Raimondi A, Fantini C, Moretti E, Parisi A, Sgrò P, Di Luigi L, Geiger R, Ravera S, **Vassalli G**, Caporossi D, **Balbi C**. Plasma-derived extracellular vesicles released after endurance exercise exert cardioprotective activity through the activation of antioxidant pathways. *Redox Biol*. 2023;63:102737. PMID [37236143](#)
59. **Loizzi F**, Burattini O, Cafaro A, Spione F, Salemme L, Cioppa A, Fimiani L, Rimmaudo F, Pignatelli A, Palmitessa C, Mancini G, Pucciarelli A, Bortone AS, Contegiacomo G, Tesorio T, Iacovelli F. Early acute kidney injury after transcatheter aortic valve implantation: predictive value of currently available risk scores. *Hellenic J Cardiol*. 2023;70:19-27. PMID [36581137](#)
60. Luciani M, Müller D, Vanetta C, Diteepeng T, von Eckardstein A, Aeschbacher S, Rodondi N, **Moschovitis G**, Reichlin T, Sinnecker T, Wuerfel J, Bonati LH, Saeedi Saravi SS, Chocano-Bedoya P, Coslovsky M, Camici GG, Lüscher TF, Kuehne M, Osswald S, Conen D, Beer JH. Trimethylamine-N-oxide is associated with cardiovascular mortality and vascular brain lesions in patients with atrial fibrillation. *Heart*. 2023;109:396-404. PMID [36593094](#)
61. Maffessanti F, Jadczyk T, Wilczek J, **Conte G**, **Caputo ML**, Gołba KS, Biernat J, Cybulska M, Caluori G, **Regoli F**, Krause R, Wojakowski W, Prinzen FW, **Auricchio A**. Electromechanical factors associated with favourable outcome in cardiac resynchronization therapy. *Europace*. 2023;25:546-53. PMID [36106562](#)
62. Mahendiran T, Hoepfli A, Foster-Witassek F, Rickli H, Roffi M, Eberli F, **Pedrazzini G**, Jeger R, Radovanovic D, Fournier S. Twenty-year trends in the prevalence of modifiable cardiovascular risk factors in young acute coronary syndrome patients hospitalized in Switzerland. *Eur J Prev Cardiol*. 2023;30:1504-12. PMID [36929213](#)
63. Marchi F, Kessler C, Distefano D, Terzi di Bergamo L, Fumagalli L, **Averaimo M**, Crupi E, Bergamini F, Melli G, Stussi G, Rossi D, Gobbi C, Ripellino P, Pravatà E, Kühlen DE, Röcken C, Scarone P, Gerber B, Condoluci A. Prevalence of amyloid in ligamentum flavum of patients with lumbar spinal stenosis. *Amyloid*. 2023;30:416-23. PMID [37431662](#)
64. Marcon L, **Bergonti M**, Spera F, Saenen J, Huybrechts W, Miljoen H, Van Leuven O, Vandaele L, Wittock A, Heidbuchel H, Sarkozy A. Dynamic changes of left atrial substrate over time following pulmonary vein isolation: the Progress-AF study. *Europace*. 2023;25:euad299. PMID [37787610](#)
65. **Milzi A**, Dettori R, Lubberich RK, Reith S, Burgmaier K, Marx N, Burgmaier M. Quantitative

- Flow Ratio Is Feasible and Accurate Even at Lower Frame Acquisition Rate. *Circ Cardiovasc Interv.* 2023;16:e013266. PMID [37846560](#)
66. Moens E, Degraeuwe E, **Caputo Maria L**, Cresta R, Arys R, Van Moorter N, Tackaert T, Benvenuti C, **Auricchio A**, Vercammen S. A roadmap to building first responder networks: Lessons learned and best practices from Belgium and Switzerland. *Resusc Plus.* 2023;16:100469. PMID [37779882](#)
67. Montalto C, Costa F, Leonardi S, Micari A, Oreglia JA, Vranckx P, Capodanno D, Ten Berg J, Lopes RD, **Valgimigli M**. Dual antiplatelet therapy duration after percutaneous coronary intervention in patients with indication to oral anticoagulant therapy. A systematic review and meta-analysis of randomized controlled trials. *Eur Heart J Cardiovasc Pharmacother.* 2023;9:220-30. PMID [36427063](#)
68. Moutzouri E, Glutz M, Abolhassani N, Feller M, Adam L, Gencer B, Del Giovane C, Bétrisey S, Paladini RE, Hennings E, Aeschbacher S, Beer JH, **Moschovitis G**, Seiffge D, De Marchis GM, Coslovsky M, Reichlin T, **Conte G**, Sinnecker T, Schwenkglenks M, Bonati LH, Kastner P, Aujesky D, Kühne M, Osswald S, Fischer U, Conen D, Rodondi N. Association of statin use and lipid levels with cerebral microbleeds and intracranial hemorrhage in patients with atrial fibrillation: A prospective cohort study. *Int J Stroke.* 2023;18:1219-27. PMID [37243540](#)
69. Munafò AR, Montalto C, Franzino M, Pistelli L, Di Bella G, Ferlini M, Leonardi S, D'Ascenzo F, Gragnano F, Oreglia JA, Oliva F, Ortega-Paz L, Calabrò P, Angiolillo DJ, **Valgimigli M**, Micari A, Costa F. External validity of the PRECISE-DAPT score in patients undergoing PCI: a systematic review and meta-analysis. *Eur Heart J Cardiovasc Pharmacother.* 2023;9:709-21. PMID [37634083](#)
70. Navarese EP, **Landi A**, Oliva A, Piccolo R, Aboyans V, Angiolillo D, Atar D, Capodanno D, Fox KAA, Halvorsen S, James S, Jüni P, Kunadian V, Leonardi S, Mehran R, Montalescot G, Niebauer J, Price S, Storey RF, Völler H, Vranckx P, Windecker S, **Valgimigli M**. Within and beyond 12-month efficacy and safety of antithrombotic strategies in patients with established coronary artery disease: two companion network meta-analyses of the 2022 joint clinical consensus statement of the European Association of Percutaneous Cardiovascular Interventions (EAPCI), European Association for Acute CardioVascular Care (ACVC), and European Association of Preventive Cardiology (EAPC). *Eur Heart J Cardiovasc Pharmacother.* 2023;9:271-90. PMID [36869784](#)
71. Okuno T, Alaour B, Heg D, Tueller D, Pilgrim T, Muller O, Noble S, Jeger R, Reuthebuch O, Toggweiler S, **Ferrari E**, Templin C, Wenaweser P, Nietlispach F, Taramasso M, Huber C, Roffi M, Windecker S, Stortecky S. Long-Term Risk of Stroke After Transcatheter Aortic Valve Replacement: Insights From the SwissTAVI Registry. *JACC Cardiovasc Interv.* 2023;16:2986-96. PMID [38151313](#)
72. **Orlando F**, **Giuffrida S**, **Vicari R**, **Sansalone A**, **Dell'Avo A**, **Bernasconi S**, **Villa M**. Adverse clinical events during the first 24 h of bedrest following cardiac electronic device implantation: a prospective observational study. *Eur J Cardiovasc Nurs.* 2023;22:175-83. PMID [35709305](#)
73. Pannone L, Gauthey A, **Conte G**, Osei R, **Campanale D**, Baldi E, Berne P, Vicentini A, Vergara P, Sorgente A, Rootwelt-Norberg C, Della Rocca DG, Monaco C, Bisignani A, Miraglia V, Spolverini M, Paparella G, Overeinder I, Bala G, Almorad A, Ströker E, de Ravel T, Medeiros-Domingo A, Sieira J, Haugaa KH, Brugada P, La Meir M, **Auricchio A**, Chierchia GB, Van Dooren S, de Asmundis C. Genetics in Proband With Idiopathic Ventricular Fibrillation: A Multicenter Study. *JACC Clin Electrophysiol.* 2023;9:1296-306. PMID [37227348](#)
74. Papini G, Furini G, Matteucci M, **Biemmi V**, Casieri V, Di Lascio N, **Milano G**, Chincoli LR, Fatta F, **Barile L**, Lionetti V. Cardiomyocyte-targeting exosomes from sulforaphane-treated fibroblasts affords cardioprotection in infarcted rats. *J Transl Med.* 2023;21:313. PMID [37161563](#)
75. Parreira L, Carmo P, Nunes S, Marinheiro R, Mesquita D, Zubarev S, **Chmielevsky M**, Hitchen R, Ferreira A, Pinho J, Marques L, Chambel D, Amador P, Caria R, Adragão P. Electrocardiographic imaging to guide ablation of ventricular arrhythmias and agreement between two different systems. *J Electrocardiol.* 2023;80:143-50. PMID [37390586](#)
76. Parreira L, Tsyganov A, Artyukhina E, Vernooy K, Tondo C, Adragao P, Ascione C, Carmo P, Carvalho S, Egger M, Ferreira A, Ghossein M, Holm M, Kalinin V, Malakhova M, Meine M, Nunes S, Podolyak D, Revishvili A, Shapieva A, Stepanova V, van Stipdonk A, Taymasova I, Wouters P, Zubarev S, Leyva F, **Auricchio A**, Varma N. Non-invasive three-dimensional electrical activation mapping to predict cardiac resynchronization therapy response: site of latest left ventricular activation relative to pacing site. *Europace.* 2023;25:1458-66. PMID [36857597](#)
77. Patel RB, Reddy VY, Komtebedde J, Wegerich SW, Sekaric J, Swarup V, Walton A, Laurent G, Chetcuti S, Rademann M, Bergmann M, McKenzie S, Bugger H, Bruno RR, Herrmann HC, Nair A, Gupta DK, Lim S, Kapadia S, Gordon R, Vanderheyden M, Noel T, Bailey S, Gertz ZM, Trochu JN, Cutlip DE, Leon MB, Solomon SD, van Veldhuisen DJ, **Auricchio A**, Shah SJ. Atrial Fibrillation Burden and Atrial Shunt Therapy in Heart Failure With Preserved Ejection Fraction. *JACC Heart Fail.* 2023;11:1351-62. PMID [37480877](#)
78. **Pavon AG**, Martinez Fernandez R, Arangalage D, **Bergamaschi L**, Maurizi N, Colombier S, Rotman S, Nowacka A, Bouchardy J, Schwitter J, Kirsch M, Monney P, Rutz T. Prevalence of Pericardial Late Gadolinium Enhancement in Patients After Cardiac Surgery: Clinical and Histological Correlations. *Circ Cardiovasc Imaging.* 2023;16:e015606. PMID [37988447](#)
79. **Piciacchia F**, **Auricchio A**, Behr ER, Wilde AAM, **Conte G**. Family History of Sudden Cardiac Death in the Young and Inherited Arrhythmia Syndromes: Awareness and Attitudes of General Practitioners and Private Practice Cardiologists. *Circ Genom Precis Med.* 2023;16:e003913. PMID [36716170](#)

80. **Pozzoli A, Gabriella Surace G, Torre T, Bagnato P, Gallo M, Toto F, Ferrari E, Demertzis S.** del Nido versus hematic cardioplegia in minimally invasive aortic valve surgery. *Asian Cardiovasc Thorac Ann.* 2023;31:795-801. PMID [37876227](#)
81. **Pozzoli A, Zurfluh C,** Schulz P, Bianchi M, **Giuffrida S, Crivelli D, Torre T, Ferrari E, Demertzis S.** Digital interprofessional communication with families in a cardiac surgery unit: insights from the pandemic. *Front Cardiovasc Med.* 2023;10:1165287. PMID [37424924](#)
82. **Preda T, Nafi M, Villa M, Cassina T.** Traumatic injuries after manual and automatic mechanical compression during cardiopulmonary resuscitation, a retrospective cohort study. *Resusc Plus.* 2023;16:100465. PMID [37711684](#)
83. **Regoli FD,** Saguner AM, **Auricchio A, Demarchi A, Pasotti E, Conte G, Caputo ML, Özkartal T,** Breitenstein A. Peri-Procedural Management of Direct-Acting Oral Anticoagulants (DOACs) in Transcatheter Miniaturized Leadless Pacemaker Implantation. *J Clin Med.* 2023;12:4814. PMID [37510929](#)
84. Reid G, Gehweiler J, Thieringer F, Eckstein F, **Ferrari E,** Gahl B, Berdajs DA. Planning of graft size and 3D reconstruction using virtual reality technique in aortic valve reimplantation. *Front Cardiovasc Med.* 2022;9:1064617. PMID [36712278](#)
85. Ridolfi A, Conti L, Brucale M, Frigerio R, Cardellini J, Musicò A, Romano M, Zandrini A, Polito L, Bergamaschi G, Gori A, Montis C, **Panella S, Barile L,** Berti D, Radeghieri A, Bergese P, Cretich M, Valle F. Particle profiling of EV-lipoprotein mixtures by AFM nanomechanical imaging. *J Extracell Vesicles.* 2023;12:e12349. PMID [37855042](#)
86. **Roberto M,** Hoepli A, **Cattaneo M,** Radovanovic D, Rickli H, Erne P, **Pedrazzini GB, Moccetti M.** Patients With AMI and Severely Reduced LVEF, a Well-Defined, Still Extremely Vulnerable Population (Insights from AMIS Plus Registry). *Am J Cardiol.* 2023;200:190-201. PMID [37348272](#)
87. Rognoni C, Segantin G, Scarsini R, **Valgimigli M, Loizzi F,** Costa F, Armeni P. Cost-effectiveness analysis of pressure-controlled intermittent coronary sinus occlusion in elective percutaneous coronary intervention. *Expert Rev Pharmacoecon Outcomes Res.* 2023;23:1101-11. PMID [37589294](#)
88. Russo G, Badano LP, Adamo M, Alessandrini H, Andreas M, Braun D, Connelly KA, Denti P, Estevez-Loureiro R, Fam N, Gavazzoni M, Hahn RT, Harr C, Hausleiter J, Himbert D, Kalbacher D, Ho E, Latib A, Lubos E, Ludwig S, Lurz P, Monivas V, Nickenig G, Pedicino D, **Pedrazzini G, Pozzoli A,** Pires Marafon D, Pastorino R, Praz F, Rodes-Cabau J, Besler C, Schofer J, Scotti A, Piayda K, Sievert H, Tang GHL, Thiele H, Schlotter F, von Bardeleben RS, Webb J, Windecker S, Leon M, Maisano F, Metra M, Taramasso M. Characteristics and outcomes of patients with atrial versus ventricular secondary tricuspid regurgitation undergoing tricuspid transcatheter edge-to-edge repair-Results from the TriValve registry. *Eur J Heart Fail.* 2023;25:2243-51. PMID [37905381](#)
89. Russo V, Caturano A, Guerra F, Migliore F, Mascia G, Rossi A, Nesti M, Santobuono VE, Attena E, Tola G, Sciarra L, **Conte G,** Paoletti Perini A, Francia P, Dendramis G, Palamà Z, Albani S, Ottonelli Ghidini A, Calò L, D'Onofrio A, Baldi E. Subcutaneous versus transvenous implantable cardioverter-defibrillator among drug-induced type-1 ECG pattern Brugada syndrome: a propensity score matching analysis from IBRYD study. *Heart Vessels.* 2023;38:680-8. PMID [36418560](#)
90. Sandner S, Misfeld M, Caliskan E, Böning A, Aramendi J, Salzberg SP, Choi YH, Perrault LP, Tekin I, Cuerpo GP, Lopez-Menendez J, Weltert LP, Böhm J, Krane M, González-Santos JM, Tellez JC, Holubec T, **Ferrari E,** Doros G, Vitarello CJ, Emmert MY. Clinical outcomes and quality of life after contemporary isolated coronary bypass grafting: a prospective cohort study. *Int J Surg.* 2023;109:707-15. PMID [36912566](#)
91. **Sansalone A, Vicari R, Orlando F, Dell'Avo A, Giuffrida S, Deelen P, Bernasconi S, Villa M.** Needle-free connectors to prevent central venous catheter occlusion at a tertiary cardiac center: A prospective before and after intervention study. *J Vasc Access.* 2023;24:475-82. PMID [34396802](#)
92. Sanz-Sanchez J, Garcia-Garcia HM, Branca M, Frigoli E, Leonardi S, Gagnor A, Calabrò P, Garducci S, Rubartelli P, Briguori C, Andò G, Repetto A, Limbruno U, Garbo R, Sganzerla P, Russo F, Lupi A, Cortese B, Ausiello A, Ierna S, Esposito G, Santarelli A, Sardella G, Varbella F, Tresoldi S, de Cesare N, Rigattieri S, Zingarelli A, Tosi P, van 't Hof A, Boccuzzi G, Omerovic E, Sabaté M, Heg D, Vranckx P, **Valgimigli M.** Coronary calcification in patients presenting with acute coronary syndromes: insights from the MATRIX trial. *Eur Heart J Acute Cardiovasc Care.* 2023;12:782-91. PMID [37812760](#)
93. Scotti A, Coisne A, Taramasso M, Granada JF, Ludwig S, Rodés-Cabau J, Lurz P, Hausleiter J, Fam N, Kodali SK, Rosiene J, Feinberg A, **Pozzoli A,** Alessandrini H, Biasco L, Brochet E, Denti P, Estévez-Loureiro R, Frerker C, Ho EC, Monivas V, Nickenig G, Praz F, Puri R, Sievert H, Tang GHL, Andreas M, Von Bardeleben RS, Rommel KP, Muntané-Carol G, Gavazzoni M, Braun D, Koell B, Kalbacher D, Connelly KA, Juliard JM, Harr C, **Pedrazzini G,** Russo G, Philippon F, Schofer J, Thiele H, Unterhuber M, Himbert D, Alcázar MU, Wild MG, Windecker S, Jorde U, Maisano F, Leon MB, Hahn RT, Latib A. Sex-related characteristics and short-term outcomes of patients undergoing transcatheter tricuspid valve intervention for tricuspid regurgitation. *Eur Heart J.* 2023;44:822-32. PMID [36445158](#)
94. Serra-Burriel M, Aebbersold H, Foster-Witassek F, Coslovsky M, Rodondi N, Blum MR, Sticherling C, **Moschovitis G,** Beer JH, Reichlin T, Krisai P, Aeschbacher S, Paladini RE, Kühne M, Osswald S, Conen D, Felder S, Schwenkglenks M. Real-World Cost-Effectiveness of Pulmonary Vein Isolation for Atrial Fibrillation: A Target Trial Approach. *Value Health.* 2023;26:1721-9. PMID [37741443](#)
95. Simonato M, Whisenant BK, Unbehaun A, Kempfert J, Ribeiro HB, Kornowski R, Erlebach

- M, Bleiziffer S, Windecker S, Pilgrim T, Tomii D, Guerrero M, Ahmad Y, Forrest JK, Montorfano M, Ancona M, Adam M, Wienemann H, Finkelstein A, Villablanca P, Codner P, Hildick-Smith D, **Ferrari E**, Petronio AS, Shamekhi J, Presbitero P, Bruschi G, Rudolph T, Cerillo A, Attias D, Nejari M, Abizaid A, Felippi de Sá Marchi M, Horlick E, Wijeyesundera H, Andreas M, Thukkani A, Agrifoglio M, Iadanza A, Baer LM, Nanna MG, Dvir D. Clinical and Hemodynamic Outcomes of Balloon-Expandable Mitral Valve-in-Valve Positioning and Asymmetric Deployment: The VIVID Registry. *JACC Cardiovasc Interv.* 2023;16:2615-27. PMID [37968032](#)
96. Somaschini A, Cornara S, Leonardi S, **Demarchi A**, Mandurino-Mirizzi A, Fortuni F, Ferlini M, Crimi G, Camporotondo R, Gnechi M, Oltrona Visconti L, De Servi S, De Ferrari GM. Beneficial Effects of IABP in Anterior Myocardial Infarction Complicated by Cardiogenic Shock. *Medicina (Kaunas).* 2023;59:1806. PMID [37893524](#)
97. Spirito A, Itchhaporia D, Sartori S, Camenzind E, Chieffo A, Dangas GD, Galatius S, Jeger RV, Kandzari DE, Kastrati A, Kim HS, Kimura T, Leon MB, Mehta LS, Mikhail GW, Morice MC, Nicolas J, Pileggi B, Serruys PW, Smits PC, Steg PG, Stone GW, **Valgimigli M**, Vogel B, von Birgelen C, Weisz G, Wijns W, Windecker S, Mehran R. Impact of chronic kidney disease and diabetes on clinical outcomes in women undergoing PCI. *EuroIntervention.* 2023;19:493-501. PMID [37382924](#)
98. Spirito A, Vainora L, Papadis A, Iacovelli F, Sardu C, Selberg A, Bär S, Kavaliauskaite R, Temperli F, Asatryan B, Pilgrim T, Hunziker L, Heg D, **Valgimigli M**, Windecker S, Räber L. Acute Coronary Occlusion in Patients With Non-ST-Segment Elevation Out-of-Hospital Cardiac Arrest. *J Am Coll Cardiol.* 2023;81:446-56. PMID [36725173](#)
99. Spirito A, **Valgimigli M**, Cao D, Baber U, Mehta SR, Gibson CM, Steg GP, Sharma SK, Goel R, Huber K, Kunadian V, Escaned J, Franzona A, Yaling H, Collier T, Kaul U, Kornowski R, Krucoff M, Moliterno D, Sartori S, Owen R, Zhang Z, Dangas GD, Kastrati A, Angiolillo DJ, Cohen DJ, Vranckx P, Windecker S, Pocock S, Mehran R. Biolimus-eluting vs. other limus-eluting stents in NSTEMI-ACS: A pooled analysis of GLASSY and TWILIGHT. *Int J Cardiol.* 2023;383:24-32. PMID [37080466](#)
100. Stähli BE, Varbella F, Linke A, Schwarz B, Felix SB, Seiffert M, Kesterke R, Nordbeck P, Witzenbichler B, Lang IM, Kessler M, Valina C, Dibra A, Rohla M, **Mocchetti M**, Vercellino M, Gaede L, Bott-Flügel L, Jakob P, Stehli J, Candreva A, Templin C, Schindler M, Wischnowsky M, Zanda G, Quadri G, Mangner N, Toma A, Magnani G, Clemmensen P, Lüscher TF, Münzel T, Schulze PC, Laugwitz KL, Rottbauer W, Huber K, Neumann FJ, Schneider S, Weidinger F, Achenbach S, Richardt G, Kastrati A, Ford I, Maier W, Ruschitzka F. Timing of Complete Revascularization with Multivessel PCI for Myocardial Infarction. *N Engl J Med.* 2023;389:1368-79. PMID [37634190](#)
101. Stauber A, Müller A, Rommers N, Aeschbacher S, Rodondi N, Bonati LH, Beer JH, Jeger RV, Kurz DJ, Liedtke C, Ammann P, **Di Valentino M**, Chocano P, Kobza R, Kühne M, Conen D, Osswald S, Bernheim AM. Association of chocolate consumption with neurological and cardiovascular outcomes in atrial fibrillation: data from two Swiss atrial fibrillation cohort studies (Swiss-AF and BEAT-AF). *Swiss Med Wkly.* 2023;153:40109. PMID [37609948](#)
102. Steg PG, Szarek M, **Valgimigli M**, Islam S, Zeiher AM, Bhatt DL, Bittner VA, Chiang CE, Diaz R, Goodman SG, Gotcheva N, Harrington RA, Jukema JW, Kim HS, Kim SH, Morais J, Pordy R, Scemama M, White HD, Schwartz GG. Lipoprotein(a) and the Effect of Alirocumab on Revascularization After Acute Coronary Syndrome. *Can J Cardiol.* 2023;39:1315-24. PMID [37116789](#)
103. Sterns LD, **Auricchio A**, Schloss EJ, Lexcen D, Jacobsen L, DeGroot P, Molan A, Kurita T. Antitachycardia pacing success in implantable cardioverter-defibrillators by patient, device, and programming characteristics. *Heart Rhythm.* 2023;20:190-7. PMID [36272710](#)
104. **Toto F, Leo L, Klersy C, Torre T, Theologou T, Pozzoli A, Caporali E, Demertzis S, Ferrari E.** Mid-Term Clinical Outcomes and Hemodynamic Performances of Trifecta and Perimount Bioprostheses following Aortic Valve Replacement. *J Cardiovasc Dev Dis.* 2023;10:139. PMID [37103018](#)
105. Treglia G, Martinello C, Dondi F, Albano D, Bertagna F, Rizzo A, Delgado Bolton RC, **Tersalvi G**, Muoio B, Riegger M, Cecchin D. Prevalence of Incidental Findings Suspicious for Transthyretin Cardiac Amyloidosis among Patients Undergoing Bone Scintigraphy: A Systematic Review and a Meta-Analysis. *J Clin Med.* 2023;12:5698. PMID [37685765](#)
106. **Valgimigli M**, Spirito A, Sartori S, Angiolillo DJ, Vranckx P, de la Torre Hernandez JM, Krucoff MW, Bangalore S, Bhatt DL, Campo G, Cao D, Chehab BM, Choi JW, Feng Y, Ge J, Hermiller J, Kunadian V, Lupo S, Makkar RR, Maksoud A, Neumann FJ, Picon H, Saito S, Sardella G, Thiele H, Toelg R, Varenne O, Vogel B, Zhou Y, Windecker S, Mehran R. 1- or 3-Month DAPT in Patients With HBR With or Without Oral Anticoagulant Therapy After PCI. *JACC Cardiovasc Interv.* 2023;16:2498-510. PMID [37804290](#)
107. **Valgimigli M**, Wlodarczak A, Tölg R, Merkely B, Kelbæk H, Legutko J, Galli S, Godin M, Toth GG, Lhermusier T, Honton B, Dietrich PL, Stammen F, Ferdinande B, Silvain J, Capodanno D, Cayla G. Biodegradable-Polymer or Durable-Polymer Stents in Patients at High Bleeding Risk: A Randomized, Open-Label Clinical Trial. *Circulation.* 2023;148:989-99. PMID [37624364](#)
108. Van Leuven O, **Bergonti M**, Spera FR, Ferrero TG, Nsahai M, Bilotta G, Tijskens M, Boris W, Saenen J, Huybrechts W, Miljoen H, González-Juanatey JR, Martínez-Sande JL, Vandaele L, Wittcock A, Heidbuchel H, Valderrábano M, Rodríguez-Mañero M, Sarkozy A. Gender-Related Differences in Atrial Substrate in Patients with Atrial Fibrillation. *Am J Cardiol.* 2023;203:451-8. PMID [37540903](#)
109. Varma N, Parreira L, Tsyganov A, Artyukhina E, Vernooy K, Tondo C, Ascione C, Carvalho S,

- Egger M, Holm M, Shapieva A, van Stipdonk A, Taymasova I, Zubarev S, **Auricchio A**. Activation time at the left ventricular pacing site (QLV) relative to the actual site of latest activation-Implications for response to cardiac resynchronization therapy. *Heart Rhythm*. 2023;20:1199-201. PMID [37116633](#)
110. **Villa M, Le Pera M, Cassina T**, Bottega M. Reporting quality of abstracts from randomised controlled trials published in leading critical care nursing journals: a methodological quality review. *BMJ Open*. 2023;13:e070639. PMID [36921935](#)
 111. Wagener M, Reuthebuch O, Heg D, Tüller D, **Ferrari E**, Grünenfelder J, Huber C, Moarof I, Muller O, Nietlispach F, Noble S, Roffi M, Taramasso M, Templin C, Toggweiler S, Wenaweser P, Windecker S, Stortecky S, Jeger R. Clinical Outcomes in High-Gradient, Classical Low-Flow, Low-Gradient, and Paradoxical Low-Flow, Low-Gradient Aortic Stenosis After Transcatheter Aortic Valve Implantation: A Report From the SwissTAVI Registry. *J Am Heart Assoc*. 2023;12:e029489. PMID [37301760](#)
 112. Włodarczak A, Montorsi P, Torzewski J, Bennett J, Starmer G, Buck T, Haude M, **Mocchetti M**, Wiemer M, Lee MK, Verheye S. One- and two-year clinical outcomes of treatment with resorbable magnesium scaffolds for coronary artery disease: the prospective, international, multicentre BIOSOLVE-IV registry. *EuroIntervention*. 2023;19:232-9. PMID [37226676](#)
 113. Wueest AS, Zuber P, Coslovsky M, Rommers N, Rodondi N, Gencer B, **Moschovitis G, De Perna ML**, Beer JH, Reichlin T, Krisai P, Springer A, Conen D, Stauber A, Mueller AS, Paladini RE, Kuhne M, Osswald S, Monsch AU, Bonati LH. Mid-term changes in cognitive functions in patients with atrial fibrillation: a longitudinal analysis of the Swiss-AF cohort. *Front Cardiovasc Med*. 2023;10:1212587. PMID [37600058](#)
 114. Yamamoto M, Hayashida K, Hengstenberg C, Watanabe Y, Van Mieghem NM, Jin J, Saito S, **Valgimigli M**, Nicolas J, Mehran R, Moreno R, Kimura T, Chen C, Unverdorben M, Dangas GD. Predictors of All-Cause Mortality After Successful Transcatheter Aortic Valve Implantation in Patients With Atrial Fibrillation. *Am J Cardiol*. 2023;207:150-8. PMID [37741105](#)
 115. Zanchi B, Faraci FD, Gharaviri A, **Bergonti M**, Monga T, **Auricchio A, Conte G**. Identification of Brugada syndrome based on P-wave features: an artificial intelligence-based approach. *Europace*. 2023;25:euad334. PMID [37944131](#)
- transcatheter mitral valve interventions. *Eur Heart J Cardiovasc Imaging*. 2023;24:e209-e68. PMID [37283275](#)
117. **Andriolo G, Provasi E, Brambilla A, Panella S, Soncin S, Cicero VL, Radrizzani M, Turchetto L, Barile L**. Methodologies for Scalable Production of High-Quality Purified Small Extracellular Vesicles from Conditioned Medium. *Methods Mol Biol*. 2023;2668:69-98. PMID [37140791](#)
 118. Atar D, **Auricchio A**, Blomström-Lundqvist C. Cardiac device infection: removing barriers to timely and adequate treatment. *Eur Heart J*. 2023;44:3323-6. PMID [37529893](#)
 119. **Bergamaschi L, Pavon AG**, Angeli F, Tuttolomondo D, Belmonte M, Armillotta M, Sansonetti A, Foà A, Paolisso P, Baggiano A, Mushtaq S, De Zan G, Carriero S, Cramer MJ, Teske AJ, Broekhuizen L, van der Bilt I, Muscogiuri G, Sironi S, **Leo LA**, Gaibazzi N, Lovato L, Pontone G, Pizzi C, Guglielmo M. The Role of Non-Invasive Multimodality Imaging in Chronic Coronary Syndrome: Anatomical and Functional Pathways. *Diagnostics (Basel)*. 2023;13:2083. PMID [37370978](#)
 120. Capodanno D, Mehran R, Krucoff MW, Baber U, Bhatt DL, Capranzano P, Collet JP, Cuisset T, De Luca G, De Luca L, Farb A, Franchi F, Gibson CM, Hahn JY, Hong MK, James S, Kastrati A, Kimura T, Lemos PA, Lopes RD, Magee A, Matsumura R, Mochizuki S, O'Donoghue ML, Pereira NL, Rao SV, Rollini F, Shirai Y, Sibbing D, Smits PC, Steg PG, Storey RF, Ten Berg J, **Valgimigli M**, Vranckx P, Watanabe H, Windecker S, Serruys PW, Yeh RW, Morice MC, Angiolillo DJ. Defining Strategies of Modulation of Antiplatelet Therapy in Patients With Coronary Artery Disease: A Consensus Document from the Academic Research Consortium. *Circulation*. 2023;147:1933-44. PMID [37335828](#)
 121. Chimenti C, **Grego S**, Di Fusco S, De Luca L, Caldarola P, Cannillo M, Cipriani M, Di Lenarda A, Donato D, Leone S, Limongelli G, Navazio A, Riccio C, Valente S, Gulizia MM, Gabrielli D, Oliva F, Colivicchi F. ANMCO Position paper: Amyloidosis for the clinical cardiologist. A "clinical primer" from the ANMCO Rare Disease Working Group. *G Ital Cardiol (Rome)*. 2023;24:127-35. PMID [36735312](#)
 122. Crotti L, Brugada P, Calkins H, Chevalier P, **Conte G**, Finocchiaro G, Postema PG, Probst V, Schwartz PJ, Behr ER. From gene-discovery to gene-tailored clinical management: 25 years of research in channelopathies and cardiomyopathies. *Europace*. 2023;25:euad180. PMID [37622577](#)
 123. Davidson SM, Boulanger CM, Aikawa E, Badimon L, **Barile L**, Binder CJ, Brisson A, Buzas E, Emanuelli C, Jansen F, Katsur M, Lacroix R, Lim SK, Mackman N, Mayr M, Menasché P, Nieuwland R, Sahoo S, Takov K, Thum T, Vader P, Wauben MHM, Witwer K, Sluijter JPG. Methods for the identification and characterization of extracellular vesicles in cardiovascular studies: from exosomes to microvesicles. *Cardiovasc Res*. 2023;119:45-63. PMID [35325061](#)
 124. De Servi S, **Landi A**, Savonitto S, De Luca L, De Luca G, Morici N, Montalto C, Crimi G,

Reviews

116. Agricola E, Ancona F, Bartel T, Brochet E, Dweck M, **Faletta F**, Lancellotti P, Mahmoud-Elsayed H, Marsan NA, Maurovich-Hovart P, Monaghan M, Pontone G, Sade LE, Swaans M, Von Bardeleben RS, Wunderlich N, Zamorano JL, Popescu BA, Cosyns B, Donal E. Multimodality imaging for patient selection, procedural guidance, and follow-up of transcatheter interventions for structural heart disease: a consensus document of the EACVI Task Force on Interventional Cardiovascular Imaging: part 1: access routes, transcatheter aortic valve implantation, and

- Cattaneo M. Tailoring oral antiplatelet therapy in acute coronary syndromes: from guidelines to clinical practice. *J Cardiovasc Med (Hagerstown)*. 2023;24:77-86. PMID [36583976](#)
125. De Servi S, **Landi A**, Savonitto S, Morici N, De Luca L, Montalto C, Crimi G, De Rosa R, De Luca G. Antiplatelet Strategies for Older Patients with Acute Coronary Syndromes: Finding Directions in a Low-Evidence Field. *J Clin Med*. 2023;12:2082. PMID [36902869](#)
126. Ellenbogen KA, **Auricchio A**, Burri H, Gold MR, Leclercq C, Leyva F, Linde C, Jastrzebski M, Prinzen F, Vernooij K. The evolving state of cardiac resynchronization therapy and conduction system pacing: 25 years of research at EP Europace journal. *Europace*. 2023;25:eua168. PMID [37622580](#)
127. Fusi C, Bulleri E, **Villa M**, Pisani L, El Aoufy K, Lucchini A, Bambi S. Awake Prone Positioning in Nonintubated Patients With Acute Hypoxemic Respiratory Failure. *Crit Care Nurse*. 2023;43:31-41. PMID [36720282](#)
128. **Giuffrida S**, Silano V, Ramacciati N, Prandi C, Baldon A, Bianchi M. Teaching strategies of clinical reasoning in advanced nursing clinical practice: A scoping review. *Nurse Educ Pract*. 2023;67:103548. PMID [36708638](#)
129. Gorog DA, Ferreira JL, Ahrens I, Ako J, Geisler T, Halvorsen S, Huber K, Jeong YH, Navarese EP, Rubboli A, Sibbing D, Siller-Matula JM, Storey RF, Tan JWC, Ten Berg JM, **Valgimigli M**, Vandenbriele C, Lip GYH. De-escalation or abbreviation of dual antiplatelet therapy in acute coronary syndromes and percutaneous coronary intervention: a Consensus Statement from an international expert panel on coronary thrombosis. *Nat Rev Cardiol*. 2023;20:830-44. PMID [37474795](#)
130. Groenhoff L, De Zan G, Costantini P, Siani A, Ostilio E, Carriero S, Muscogiuri G, Bergamaschi L, Patti G, Pizzi C, Sironi S, **Pavon AG**, Carriero A, Guglielmo M. The Non-Invasive Diagnosis of Chronic Coronary Syndrome: A Focus on Stress Computed Tomography Perfusion and Stress Cardiac Magnetic Resonance. *J Clin Med*. 2023;12:3793. PMID [37297986](#)
131. Guimarães PO, Franken M, Tavares CAM, Silveira FS, Antunes MO, Bergo RR, Joaquim RM, Hirai JCS, Andrade PB, Pitta FG, Mariani J, Jr., Nascimento BR, de Paula JET, Silveira MS, Costa TAO, Dall'Orto FTC, Serpa RG, Sampaio FBA, Ohe LN, Mangione FM, Furtado RHM, Sarmiento-Leite R, Monfardini F, Assis SRL, Nicolau JC, Sposito AC, Lopes RD, Onuma Y, **Valgimigli M**, Angiolillo DJ, Serruys PW, Berwanger O, Bacal F, Lemos PA. P2Y12 inhibitor monotherapy versus dual antiplatelet therapy in patients with acute coronary syndromes undergoing coronary stenting: rationale and design of the NEOMINDSET Trial. *EuroIntervention*. 2023;19:e323-e9. PMID [37306039](#)
132. Jarman RD, Colclough A, McDermott C, Bøtker M, Knudsen L, Harris T, Albaroudi B, Albaroudi O, Haddad M, Darke R, Berry E, Breslin T, Fitzpatrick G, Flanagan L, Olusanya O, Craver D, Omar A, Simpson T, Cherian N, Dore M, Prosen G, Kay S, Villén-Villegas T, Gargani L, Carley S, Woo M, Dupriez F, Hussain A, **Via G**, Connolly JA, Peck M, Melniker L, Walden A, Attard Biancardi MA, Żmijewska-Kaczor O, Lalande E, Geukens P, McLaughlin R, Olszynski P, Hoffmann B, Chin E, Muhr C, Kim DJ, Mercieca A, Shukla D, Hayward S, Smith M, Gaspari R, Smallwood N, Pes P, Tavazzi G, Corradi F, Lambert M, Morris C, Trauer M, Baker K, Bystrycki A, Goudie A, Liu R, Rudd L, Dietrich CF, Jenssen C, Sidhu PS. EFSUMB Clinical Practice Guidelines for Point-of-Care Ultrasound: Part One (Common Heart and Pulmonary Applications) SHORT VERSION. *Ultraschall Med*. 2023;44:36-49. PMID [36228630](#)
133. Jarman RD, McDermott C, Colclough A, Bøtker M, Knudsen L, Harris T, Albaroudi B, Albaroudi O, Haddad M, Darke R, Berry E, Breslin T, Fitzpatrick G, Flanagan L, Olusanya O, Craver D, Omar A, Simpson T, Cherian N, Dore M, Prosen G, Kay S, Villén-Villegas T, Gargani L, Carley S, Woo M, Dupriez F, Hussain A, **Via G**, Connolly JA, Peck M, Melniker L, Walden A, Attard Biancardi MA, Żmijewska-Kaczor O, Lalande E, Geukens P, McLaughlin R, Olszynski P, Hoffmann B, Chin E, Muhr C, Kim DJ, Mercieca A, Shukla D, Hayward S, Smith M, Gaspari R, Smallwood N, Pes P, Tavazzi G, Corradi F, Lambert M, Morris C, Trauer M, Baker K, Bystrycki A, Goudie A, Liu R, Rudd L, Dietrich CF, Jenssen C, Sidhu PS. EFSUMB Clinical Practice Guidelines for Point-of-Care Ultrasound: Part One (Common Heart and Pulmonary Applications) LONG VERSION. *Ultraschall Med*. 2023;44:e1-e24. PMID [36228631](#)
134. **Landi A**, Morici N, Vranckx P, **Frigoli E**, Bonacchini L, Omazzi B, Tresoldi M, Camponovo C, Moccetti T, **Valgimigli M**. Edoxaban and/or colchicine in outpatients with COVID-19: rationale and design of the CONVINCe trial. *J Cardiovasc Med (Hagerstown)*. 2023;24:920-30. PMID [37942793](#)
135. **Landi A**, **Valgimigli M**. Antithrombotic therapy in patients with established atherosclerotic coronary disease. *Heart*. 2023;109:1034-43. PMID [37142399](#)
136. **Landi A**, Włodarczak A, Tölg R, Kelbæk H, Legutko J, Galli S, Godin M, Toth GG, Lhermusier T, Honton B, Dietrich PL, Stammen F, Ferdinand B, Silvain J, Capodanno D, Cayla G, **Valgimigli M**. Design and Rationale of the BIOFLOW-DAPT Trial: a Prospective, Randomized, Multicenter Study to Assess the Safety of the Orsiro Mission Stent Compared to the Resolute Onyx Stent in Subjects at High Risk for Bleeding in Combination with 1-Month Dual Antiplatelet Therapy. *J Cardiovasc Transl Res*. 2023;16:1135-43. PMID [37264295](#)
137. Lisi V, **Senesi G**, **Balbi C**. Converging protective pathways: Exploring the linkage between physical exercise, extracellular vesicles and oxidative stress. *Free Radic Biol Med*. 2023;208:718-27. PMID [37739138](#)
138. Meijers TA, Aminian A, **Valgimigli M**, Dens J, Agostoni P, Iglesias JF, Gasparini GL, Seto AH, Saito S, Rao SV, van Royen N, Brilakis ES, van Leeuwen MAH. Vascular Access in Percutaneous Coronary Intervention of Chronic Total Occlusions: A State-of-the-Art Review. *Circ Cardiovasc Interv*. 2023;16:e013009. PMID [37458110](#)
139. Monachino G, Zanchi B, Fiorillo L, **Conte G**, **Auricchio A**, Tzovara A, Faraci FD. Deep

- Generative Models: The winning key for large and easily accessible ECG datasets? *Comput Biol Med.* 2023;167:107655. PMID [37976830](#)
140. Pires AS, Bollini S, Botelho MF, Lang-Olip I, Ponsaerts P, **Balbi C**, Lange-Consiglio A, Fénelon M, Mojsilović S, Berishvili E, Cremonesi F, Gazouli M, Bugarski D, Gellhaus A, Kerdjoudj H, Schoeberlein A. Guidelines to Analyze Preclinical Studies Using Perinatal Derivatives. *Methods Protoc.* 2023;6:45. PMID [37218905](#)
 141. Pozzoli A, **Torre T**, **Toto F**, **Biroova S**, **Carletta D**, **Ferrari E**, **Demertzis S**. Cardiac surgery simulation - part 2: Step-by-step Konno operation in a preclinical model. *Multimed Man Cardiothorac Surg.* 2023;2023. PMID [37934088](#)
 142. **Quagliana A**, Montarello NJ, Willemen Y, Bække PS, Jørgensen TH, De Backer O, Sondergaard L. Commissural Alignment and Coronary Access after Transcatheter Aortic Valve Replacement. *J Clin Med.* 2023;12:2136. PMID [36983139](#)
 143. **Regoli FD**, **Cattaneo M**, Kola F, Thartori A, Bytyci H, Saccarello L, **Amoruso M**, **Di Valentino M**, **Menafoglio A**. Management of hemodynamically stable wide QRS complex tachycardia in patients with implantable cardioverter defibrillators. *Front Cardiovasc Med.* 2022;9:1011619. PMID [36684577](#)
 144. **Schiano C**, **Balbi C**, de Nigris F, Napoli C. Basic Pathogenic Mechanisms and Epigenetic Players Promoted by Extracellular Vesicles in Vascular Damage. *Int J Mol Sci.* 2023;24:7509. PMID [37108672](#)
 145. **Tersalvi G**, **Beltrani V**, Grübler MR, Molteni A, Cristoforetti Y, **Pedrazzini G**, Treglia G, Biasco L. Positron Emission Tomography in Heart Failure: From Pathophysiology to Clinical Application. *J Cardiovasc Dev Dis.* 2023;10:220. PMID [37233187](#)
 146. **Tersalvi G**, Gaiero L, Capriolo M, Cristoforetti Y, Salizzoni S, Senatore G, **Pedrazzini G**, Biasco L. Sex Differences in Epidemiology, Morphology, Mechanisms, and Treatment of Mitral Valve Regurgitation. *Medicina (Kaunas).* 2023;59:1017. PMID [37374220](#)
 147. **Toto F**, **Torre T**, Pozzoli A, **Biroova S**, **Ferrari E**, **Demertzis S**. Cardiac surgery simulation: step-by-step Nicks procedure in a preclinical model. *Multimed Man Cardiothorac Surg.* 2023;2023. PMID [37428537](#)
 148. **Toto F**, **Torre T**, Pozzoli A, **Zurfluh C**, **Ferrari E**, **Demertzis S**. Cardiac surgery simulation: Step-by-step hemi-Yacoub operation in a preclinical model. *Multimed Man Cardiothorac Surg.* 2023;2023. PMID [36786667](#)
 149. **Valgimigli M**, Aboyans V, Angiolillo D, Atar D, Capodanno D, Halvorsen S, James S, Jüni P, Kunadian V, **Landi A**, Leonardi S, Mehran R, Montalescot G, Navarese EP, Niebauer J, Oliva A, Piccolo R, Price S, Storey RF, Völler H, Vranckx P, Windecker S, Fox KAA. Antithrombotic treatment strategies in patients with established coronary atherosclerotic disease. *Eur Heart J Cardiovasc Pharmacother.* 2023;9:462-96. PMID [37120728](#)
 150. van Nieuwenhoven FA, Schroen B, **Barile L**, van Middendorp L, Prinzen FW, **Auricchio A**. Plasma Extracellular Vesicles as Liquid Biopsy to Unravel the Molecular Mechanisms of Cardiac Reverse Remodeling Following Resynchronization Therapy? *J Clin Med.* 2023;12:665. PMID [36675594](#)
 151. Verbeeck J, De Backer M, Verwerft J, Salvaggio S, **Valgimigli M**, Vranckx P, Buyse M, Brunner E. Generalized Pairwise Comparisons to Assess Treatment Effects: JACC Review Topic of the Week. *J Am Coll Cardiol.* 2023;82:1360-72. PMID [37730293](#)
 152. Wang C, **Pozzoli A**, von Segesser LK, Berdajs D, Tozzi P, **Ferrari E**. Management of left subclavian artery in type B aortic dissection treated with thoracic endovascular aorta repair. *J Vasc Surg.* 2023;77:1553-61.e2. PMID [36272506](#)
- ### Editorials or letters or comments
153. Angiolillo DJ, Galli M, **Landi A**, **Valgimigli M**. DAPT guided by platelet function tests or genotyping after PCI: pros and cons. *EuroIntervention.* 2023;19:546-8. PMID [37720965](#)
 154. **Auricchio A**, Hindricks G, Camm JA, Sutton R. A European journal serving the world electrophysiological community: 25 years of EP Europace journal. *Europace.* 2023;25:euad207. PMID [37622572](#)
 155. **Auricchio A**. Editorial. *Europace.* 2023;25:1-3. PMID [36572631](#)
 156. **Balbi C**, Smart N. Epicardioids: a novel tool for cardiac regeneration research? *Cardiovasc Res.* 2023;119:e164-e6. PMID [38006323](#)
 157. **Barile L**. Extracellular Vesicles as Bridges Between Host Immune Cells and Graft Organ During Cellular Rejection. *JACC Basic Transl Sci.* 2023;8:457-9. PMID [37325403](#)
 158. **Conte G**, Probst V. Time to consider catheter ablation as an alternative to implantable cardioverter-defibrillator therapy in high-risk patients with Brugada syndrome? *Europace.* 2023;25:euad338. PMID [37949829](#)
 159. Gragnano F, **Valgimigli M**, Calabrò P. Debate on antiplatelet monotherapy: P2Y12 inhibitor monotherapy in patients with coronary artery disease. *G Ital Cardiol (Rome).* 2023;24:19s-20s. PMID [37158027](#)
 160. Guerini Giusteri V, **Caputo ML**, Baldi E, **Auricchio A**, Savastano S. Effect of COVID-19 on out-of-hospital cardiac arrest survival: No light at the end of the tunnel yet. *Resuscitation.* 2023;191:109957. PMID [37661015](#)
 161. **Landi A**, **Caglioni S**, **Valgimigli M**. De-escalation in intensity or duration of dual antiplatelet therapy in patients with coronary artery disease: More than alternative treatment options. *Eur J Intern Med.* 2023;110:16-8. PMID [36804412](#)
 162. **Landi A**. Duration more than type of dual antiplatelet therapy matters in ACS patients with high bleeding risk. *Int J Cardiol.* 2023;378:10. PMID [36812988](#)
 163. Mauermann E, Bolliger D, Rist A, **Cassina T**, Erdoes G. Treating cardiac surgery emergencies: the role of the noncardiac anaesthetist in the first 30 min. *Eur J Anaesthesiol.* 2023;40:381-3. PMID [37017359](#)
 164. Metelmann B, Elschenbroich D, **Auricchio A**, Baldi E, Beckers SK, Burkart R, Fredman D, Ganter J, Krammel M, Marks T, Metelmann C, Müller MP, Scquizzato T, Stieglis R, Strickmann

- B, Christian Thies K. Proposal to increase safety of first responders dispatched to cardiac arrest. *Resusc Plus*. 2023;14:100395. PMID [37215185](#)
165. **Pavon AG**, Guglielmo M. Carcinoid heart disease: another step into the knowledge of a rare disease. *Heart*. 2023;110:79-80. PMID [37553141](#)
166. Positano V, **Ferrari E**, Chen S, Celi S. Editorial: Applications of 3D printing in cardiovascular medicine. *Front Cardiovasc Med*. 2023;10:1314071. PMID [37937283](#)
167. Savastano S, Baldi E, Schnaubelt S, **Auricchio A**. Post resuscitation ST-segment elevation: When a few minutes make the difference between a class I and a class III indication for immediate coronary angiography. *Resuscitation*. 2023;192:109971. PMID [37730098](#)
168. Sterns LD, **Auricchio A**, Schloss EJ, Lexcen D, Jacobsen L, DeGroot P, Molan A, Kurita T. Reply to the Editor-Programming more ATP sequences is not a case of no harm, no foul. *Heart Rhythm*. 2023;20:479-80. PMID [36509318](#)

Case reports

169. **Bongiovanni D, Loizzi F, Landi A**, Utsch L, **Araco M**, Joner M, **Valgimigli M**. EnVast Mechanical Thrombectomy After Thrombus Aspiration Failure in a STEMI With a Massive Thrombotic Burden. *JACC Cardiovasc Interv*. 2023;16:112-5. PMID [36599578](#)
170. Cafarotti S, **Torre TM**, Patella M, **Demertzis S**. Resection of thymic carcinoma after induction therapy and reconstruction of right ventricular outflow tract with pulmonary homograft. *Eur J Cardiothorac Surg*. 2023;63: ezad069. PMID [36852845](#)
171. **Canziani L, Orlando F, Villa M, Cassina T**. Never Say Never: Successful Extracorporeal Cardiopulmonary Resuscitation (ECPR) Following A Prolonged Out-of-Hospital Cardiac Arrest Due to Spontaneous Coronary Artery Dissection. *Eur J Case Rep Intern Med*. 2023;10:004120. PMID [38077700](#)
172. **Di Valentino M, Regoli F, Amoruso M, Menafoglio A**. Huge and late thrombus after percutaneous closure of left atrial appendage. *Eur Heart J Case Rep*. 2023;7:ytad208. PMID [37181471](#)
173. **Landi A, Pavon AG, Valgimigli M**. Sailing in the complexity of the 'shark-fin' sign. *Heart*. 2023;109:25-78. PMID [36598074](#)
174. **Pavon AG**, Ceriani L, Raditchkova M, **Leo LA, Pedrazzini G, Auricchio A, Caporali E**. What is this image? 2023 image 5 result: Role of 18-Fluorodeoxyglucose positron emission tomography and computed tomography in cardiac implanted electronic device infection. *J Nucl Cardiol*. 2023;30:480-3. PMID [36972001](#)
175. **Quagliana A**, Montarello NJ, Vanhaverbeke M, Willemen Y, Campens L, Sondergaard L, De Backer O. Orbital atherectomy to facilitate transfemoral transcatheter aortic valve implantation in patients with calcified iliofemoral arteries: a case series. *Eur Heart J Case Rep*. 2023;7:ytad310. PMID [37501711](#)

Imaging Institute of Southern Switzerland

Publications are listed in alphabetical order for each section: original articles (including meta-analyses, surveys, research letters, consensus and delphi-based consensus paper); reviews (including systematic reviews without meta-analyses, protocols); editorials or letters or comments; case reports. EOC authors affiliated with the Institute/Department are highlighted in bold.

Original articles

1. Albano D, Messina C, Gitto S, **Chianca V**, Sconfienza LM. Bone biopsies guided by augmented reality: a pilot study. *Eur Radiol Exp*. 2023;7:40. PMID [37468652](#)
2. Albano D, Bellini P, Dondi F, Calabrò A, Casella C, Taboni S, Lombardi D, **Treglia G**, Bertagna F. Temporal Evolution and Prognostic Role of Indeterminate Response Sub-Groups in Patients with Differentiated Thyroid Cancer after Initial Therapy with Radioiodine. *Cancers (Basel)*. 2023;15:1270. PMID [36831612](#)
3. Amendola S, Wolde Sellasie S, Pedicini F, Carlini M, Russo G, Ossola N, **Leoncini A**, Botti F, Bonanno E, Trimboli P, Uccioli L. Evaluation of the Performance of ACR TI-RADS Also Considering Those Nodules with No Indication of FNAC: A Single-Center Experience. *J Clin Med*. 2023;12:398. PMID [36675326](#)
4. Annunziata S, Testart N, Auf der Springe K, **Cuzzocrea M**, Nicod Lalonde M, Schaefer N, Prior JO, Garibotto V, **Treglia G**. Contrast enhanced CT on PET/CT imaging in clinical routine: an international survey. *Front Med (Lausanne)*. 2023;10:1290956. PMID [37908847](#)
5. Bini F, Pica A, Marinozzi F, Giusti A, **Leoncini A**, Trimboli P. Model-Optimizing Radiofrequency Parameters of 3D Finite Element Analysis for Ablation of Benign Thyroid Nodules. *Bioengineering (Basel)*. 2023;10:1210. PMID [37892940](#)
6. Bögershausen LR, **Giovanella L**, Stief T, Luster M, Verburg FA. Long-term predictive value of highly sensitive thyroglobulin measurement. *Clin Endocrinol (Oxf)*. 2023;98:622-8. PMID [36263618](#)
7. Bottoni G, Fiz F, Puntoni M, Matteucci F, Monti M, DeCensi A, Nanni O, Brain E, Alberini JL, Dib B, Sacchetti G, Trimboli P, **Treglia G**, Harbeck N, Sola S, Gennari A, Piccardo A. Diagnostic effectiveness of [(18)F]Fluoroestradiol PET/CT in oestrogen receptor-positive breast cancer: the key role of histopathology. Evidence from an international multicentre prospective study. *Eur J Nucl Med Mol Imaging*. 2023;50:2477-85. PMID [36879065](#)
8. Boyd LNC, Ali M, Leeflang MMG, **Treglia G**, de Vries R, Le Large TYS, Besselink MG, Giovannetti E, van Laarhoven HWM, Kazemier G. Diagnostic accuracy and added value of blood-based protein biomarkers for pancreatic cancer: A meta-analysis of aggregate and individual participant data. *EClinicalMedicine*. 2023;55:101747. PMID [36457649](#)
9. Campenni A, Ruggeri RM, Garo ML, Siracusa M, Restuccia G, Rappazzo A, Rosarno H, Nicocia A, Cardile D, Ovčariček PP, Baldari S, **Giovanella L**. Comparison of 1.1 GBq and 2.2 GBq Activities in Patients with Low-Risk Differentiated Thyroid Cancer Requiring Postoperative (131)I Administration: A Real Life Study. *Cancers (Basel)*. 2023;15:2416. PMID [37173884](#)
10. Campenni A, Ruggeri RM, Siracusa M, Romano D, Giacoppo G, Crocè L, Rosarno H, Russo S, Cardile D, Capocchetti F, Alibrandi A, Baldari S, **Giovanella L**. Thyroglobulin Value Predict Iodine-123 Imaging Result in Differentiated Thyroid Cancer Patients. *Cancers (Basel)*. 2023;15:2242. PMID [37190170](#)
11. Carriero S, Depretto C, **Cozzi A**, Della Pepa G, D'Ascoli E, Irmici G, Tamburrano C, Ballerini D, Bonanomi A, Scaperrotta GP. Efficacy and safety of vacuum-assisted excision (VAE) of fibroadenomas: experience in a tertiary centre. *Radiol Med*. 2023;128:1199-205. PMID [37530965](#)
12. **Casiraghi M, Piliero MA, Bellesi L, Dufour M**, Chatterjea A, Scarone P, **Presilla S**. Image quality and radiation dose in spinal surgery: a comparison of three imaging systems in phantom. *J Med Imaging (Bellingham)*. 2023;10:035001. PMID [37304527](#)
13. Castello A, Albano D, Muoio B, Castellani M, Panareo S, Rizzo A, **Treglia G**, Urso L. Diagnostic Accuracy of PET with (18)F-Fluciclovine ((18)F)FACBC) in Detecting High-Grade Gliomas: A Systematic Review and Meta-Analysis. *Diagnostics (Basel)*. 2023;13:3610. PMID [38132194](#)
14. Cefali M, Scala I, **Pavone G**, Helbling D, Hussung S, Fritsch R, Reiner C, Stocker S, Koeberle D, Kissling M, **Chianca V, Del Grande F**, De Dosso S, **Rizzo S**. Is Computed-Tomography-Based Body Composition a Reliable Predictor of Chemotherapy-Related Toxicity in Pancreatic Cancer Patients? *Cancers (Basel)*. 2023;15:4398. PMID [37686674](#)
15. **Chianca V**, Albano D, **Rizzo S**, Maas M, Sconfienza LM, **Del Grande F**. Inter-vendor and inter-observer reliability of diffusion tensor imaging in the musculoskeletal system: a multiscanner MR study. *Insights Imaging*. 2023;14:32. PMID [36757529](#)
16. Corsello A, Macchi M, D'Oria V, Pigazzi C, Alberti I, **Treglia G**, De Cosmi V, Mazzocchi A, Agostoni C, Milani GP. Effects of vitamin D supplementation in obese and overweight children and adolescents: A systematic review and meta-analysis. *Pharmacol Res*. 2023;192:106793. PMID [37178775](#)
17. **Cozzi A**, Cè M, De Padova G, Libri D, Caldarelli N, Zucconi F, Oliva G, Cellina M. Deep Learning-Based Versus Iterative Image Reconstruction for Unenhanced Brain CT: A Quantitative Comparison of Image Quality. *Tomography*. 2023;9:1629-37. PMID [37736983](#)
18. de Donato G, Pasqui E, **Ruffino MA**, Sponza M, Spinazzola A, Guzzardi G, Intrieri F, Savio D, Palasciano G. Mechanical thrombectomy in acute limb ischemia: ad Interim results of the INDIAN UP Trial. *J Cardiovasc Surg (Torino)*. 2023;64:247-54. PMID [37078985](#)
19. Dietz M, Dunet V, Mantziari S, Pomoni A, Dias Correia R, Testart Dardel N, Boughdad S, Nicod Lalonde M, **Treglia G**, Schaefer M, Schaefer N, Prior JO. Comparison of integrin $\alpha(v)\beta(3)$

- expression with (68)Ga-NODAGA-RGD PET/CT and glucose metabolism with (18)F-FDG PET/CT in esophageal or gastroesophageal junction cancers. *Eur J Hybrid Imaging*. 2023;7:3. PMID [36720731](#)
20. Dietz M, Kamani CH, Allenbach G, Rubimbura V, Fournier S, Dunet V, **Treglia G**, Nicod Lalonde M, Schaefer N, Eeckhout E, Muller O, Prior JO. Comparison of the prognostic value of impaired stress myocardial blood flow, myocardial flow reserve, and myocardial flow capacity on low-dose Rubidium-82 SiPM PET/CT. *J Nucl Cardiol*. 2023;30:1385-95. PMID [36574175](#)
21. Dondi F, Albano D, Bellini P, Cerudelli E, **Treglia G**, Bertagna F. Prognostic role of baseline (18)F-FDG pet/CT in stage I and stage ii non-small cell lung cancer. *Clin Imaging*. 2023;94:71-8. PMID [36495848](#)
22. Dondi F, Albano D, Ferrarini G, Camoni L, Bellini P, **Treglia G**, Bertagna F. Role of splenic and bone marrow uptake at (18)F-FDG PET/CT for the assessment of large vessels vasculitis and the influence of glucocorticoids therapy on their values. *J Med Imaging Radiat Oncol*. 2023;67:717-25. PMID [37469123](#)
23. Dondi F, Gatta R, Albano D, Bellini P, Camoni L, **Treglia G**, Bertagna F. Role of Radiomics Features and Machine Learning for the Histological Classification of Stage I and Stage II NSCLC at [18F]FDG PET/CT: A Comparison between Two PET/CT Scanners. *J Clin Med*. 2023;12:255. PMID [36615053](#)
24. Eertink JJ, Zwezerijnen GJC, Heymans MW, Pieplenbosch S, Wiegers SE, Dührsen U, Hüttmann A, Kurch L, Hanoun C, Lugtenburg PJ, Barrington SF, Mikhaeel NG, **Ceriani L**, Zucca E, Czibor S, Györke T, Chamuleau MED, Hoekstra OS, de Vet HCW, Boellaard R, Zijlstra JM. Baseline PET radiomics outperforms the IPI risk score for prediction of outcome in diffuse large B-cell lymphoma. *Blood*. 2023;141:3055-64. PMID [37001036](#)
25. Fontana F, Piacentino F, Curti M, Ierardi AM, Coppola A, Macchi E, De Marchi G, Faiella E, Santucci D, Moramarco LP, **Del Grande F**, Piffaretti G, Tozzi M, Imperatori A, Carcano G, Basile A, D'Angelo F, Carrafiello G, Venturini M. Pulmonary Artery Pseudoaneurysms Embolization: Bicentric Experience and Review of the Literature. *J Clin Med*. 2023;12:3796. PMID [37297991](#)
26. Gallo M, **van den Berg JC**, Torre T, Riggi M, Demertzis S, Ferrari E. Long-Term Outcomes and Risk Factors Analysis for Patients Undergoing Thoracic Endovascular Aorta Repair (TEVAR), According to the Aortic Pathologies. *Ann Vasc Surg*. 2023;94:362-8. PMID [36907507](#)
27. **Giovanella L**, Garo ML, Campenni A, Petranović Ovcariček P, Görges R. Thyroid Hormone Withdrawal versus Recombinant Human TSH as Preparation for I-131 Therapy in Patients with Metastatic Thyroid Cancer: A Systematic Review and Meta-Analysis. *Cancers (Basel)*. 2023;15:2510. PMID [37173976](#)
28. **Giovanella L**, Garo ML, **Cuzzocrea M**, **Paone G**, Herrmann K. Prognostic role of early prostate specific antigen changes after [(177)Lu]Lu-PSMA radioligand therapy of metastasized prostate cancer: A meta-analysis. *Eur J Clin Invest*. 2023;53:e14014. PMID [37194605](#)
29. **Giovanella L**, **Milan L**, Roll W, Weber M, Schenke S, Kreissl M, Vrachimis A, Pabst K, Murat T, Petranovic Ovcaricek P, Riemann B, **Ceriani L**, Campenni A, Görges R. Postoperative thyroglobulin as a yard-stick for radioiodine therapy: decision tree analysis in a European multicenter series of 1317 patients with differentiated thyroid cancer. *Eur J Nucl Med Mol Imaging*. 2023;50:2767-74. PMID [37121981](#)
30. Imperiale A, Bani J, Bottoni G, Latgé A, Heimbürger C, Catrambone U, Vix M, **Treglia G**, Piccardo A. Does (18)F-Fluorocholine PET/CT add value to positive parathyroid scintigraphy in the presurgical assessment of primary hyperparathyroidism? *Front Med (Lausanne)*. 2023;10:1148287. PMID [37181366](#)
31. Knappe LM, Verburg FA, **Giovanella L**, Luster M, Librizzi D. Diagnostic value of FDG-PET/CT in the diagnostic work-up of inflammation of unknown origin. *Nuklearmedizin*. 2023;62:27-33. Wertigkeit der PET/CT im Rahmen der Entzündungsherddiagnostik mit F-18-FDG. PMID [36623829](#)
32. Laudicella R, Bauckneht M, Maurer A, Heimer J, Gennari AG, Di Raimondo T, **Paone G**, **Cuzzocrea M**, Messerli M, Eberli D, Burger IA. Can We Predict Skeletal Lesion on Bone Scan Based on Quantitative PSMA PET/CT Features? *Cancers (Basel)*. 2023;15:5471. PMID [38001731](#)
33. **Leoncini A**, Deandrea M, Retta F, Trimboli P. Treating intra-thyroid parathyroid adenoma by radiofrequency is a valuable alternative to hemithyroidectomy. *Int J Hyperthermia*. 2023;40:2282935. PMID [38151705](#)
34. Manganaro L, Ciulla S, Celli V, Ercolani G, Ninkova R, Miceli V, Cozzi A, **Rizzo SM**, Thomassin-Naggara I, Catalano C. Impact of DWI and ADC values in Ovarian-Adnexal Reporting and Data System (O-RADS) MRI score. *Radiol Med*. 2023;128:565-77. PMID [37097348](#)
35. Marcon M, **Catanese C**, **Scarano AL**, **Del Grande F**, **Manganiello M**, **Palermo M**, **Rizzo S**. Axillary lymph nodes enlargement after Sars-CoV-2 vaccine in patients undergoing breast examination: a single-centre experience in 285 women. *Radiol Med*. 2023;128:1217-24. PMID [37626156](#)
36. Meyer A, Mazzara C, Lava SAG, **Treglia G**, Bianchetti MG, Goeggel Simonetti B, Simonetti GD. Neurological complications of rotavirus infection in children: A systematic review and meta-analysis. *Acta Paediatr*. 2023;112:1565-73. PMID [36951625](#)
37. Morniroli D, Vizzari G, Tosi M, **Treglia G**, Corsello A, Marchisio P, Mosca F, Agostoni C, Gianni ML, Milani GP, Pagni L. Mother-to-child transmission of SARS-CoV-2 infection in high-income countries: a systematic review and meta-analysis of prospective observational studies. *Sci Rep*. 2023;13:8813. PMID [37258854](#)
38. Pesapane F, Nicosia L, Tantrige P, **Schiaffino S**, Liguori A, Montesano M, Bozzini A, Rotili A, Cellina M, Orsi M, Penco S, Pizzamiglio M, Carrafiello G, Cassano E. Inter-reader agreement of breast magnetic resonance imaging and

- contrast-enhanced mammography in breast cancer diagnosis: a multi-reader retrospective study. *Breast Cancer Res Treat.* 2023;202:451-9. PMID [37747580](#)
39. Picasso R, **Cozzi A**, Picasso V, Zaottini F, Pistoia F, Perissi S, Martinoli C. Immune checkpoint inhibitor-related pneumonitis and COVID-19: a case-matched comparison of CT findings. *Radiol Med.* 2023;128:212-21. PMID [36680711](#)
 40. Piroso MC, Esposito F, **Raia G**, **Chianca V**, Cozzi A, Ruinelli L, **Ceriani L**, Zucca E, **Del Grande F**, **Rizzo S**. CT-based body composition in diffuse large B cell lymphoma patients: changes after treatment and association with survival. *Radiol Med.* 2023;128:1497-507. PMID [37752299](#)
 41. Pizzimenti C, Fiorentino V, Ieni A, Rossi ED, Germanà E, **Giovanella L**, Lentini M, Alessi Y, Tuccari G, Campenni A, Martini M, Fadda G. BRAF-AXL-PD-L1 Signaling Axis as a Possible Biological Marker for RAI Treatment in the Thyroid Cancer ATA Intermediate Risk Category. *Int J Mol Sci.* 2023;24:10024. PMID [37373171](#)
 42. Prouse G, Robaldo A, **van den Berg JC**, Ettorre L, Mongelli F, Giovannacci L. Impact of Multidisciplinary Team Meetings on Decision Making in Vascular Surgery: A Prospective Observational Study. *Eur J Vasc Endovasc Surg.* 2023;66:130-5. PMID [36972815](#)
 43. **Raia G**, Del Grande M, Colombo I, Nerone M, Manganaro L, Gasparri ML, Papadia A, **Del Grande F**, **Rizzo S**. Whole-Body Composition Features by Computed Tomography in Ovarian Cancer: Pilot Data on Survival Correlations. *Cancers (Basel).* 2023;15:2602. PMID [37174067](#)
 44. Rinaldi L, Guerini Rocco E, Spitaleri G, Raimondi S, Attili I, Ranghiero A, Cammarata G, Minotti M, Lo Presti G, De Piano F, Bellerba F, Funicelli G, Volpe S, Mora S, Fodor C, Rampinelli C, Barberis M, De Marinis F, Jereczek-Fossa BA, Orecchia R, **Rizzo S**, Botta F. Association between Contrast-Enhanced Computed Tomography Radiomic Features, Genomic Alterations and Prognosis in Advanced Lung Adenocarcinoma Patients. *Cancers (Basel).* 2023;15:4553. PMID [37760521](#)
 45. Rizzo A, Miceli A, Racca M, Bauckneht M, Morbelli S, Albano D, Dondi F, Bertagna F, Galizia D, Muoio B, Annunziata S, **Treglia G**. Diagnostic Accuracy of [(68)Ga]Ga Labeled Fibroblast-Activation Protein Inhibitors in Detecting Head and Neck Cancer Lesions Using Positron Emission Tomography: A Systematic Review and a Meta-Analysis. *Pharmaceuticals (Basel).* 2023;16:1664. PMID [38139791](#)
 46. Rizzo A, Racca M, Garrou F, Fenocchio E, Pellegrino L, Albano D, Dondi F, Bertagna F, Annunziata S, **Treglia G**. Diagnostic Performance of Positron Emission Tomography with Fibroblast-Activating Protein Inhibitors in Gastric Cancer: A Systematic Review and Meta-Analysis. *Int J Mol Sci.* 2023;24:10136. PMID [37373285](#)
 47. **Rizzo S**, Cozzi A, Dolciami M, **Del Grande F**, **Scarano AL**, Papadia A, Gui B, Gandolfo N, Catalano C, Manganaro L. O-RADS MRI: A Systematic Review and Meta-Analysis of Diagnostic Performance and Category-wise Malignancy Rates. *Radiology.* 2023;307:e220795. PMID [36413127](#)
 48. Rosa F, Martinetti C, Magnaldi S, **Rizzo S**, Manganaro L, Migone S, Ardoino S, Schettini D, Marchiolè P, Ragusa T, Gandolfo N. Uterine mesenchymal tumors: development and preliminary results of a magnetic resonance imaging (MRI) diagnostic algorithm. *Radiol Med.* 2023;128:853-68. PMID [37311925](#)
 49. Schachner T, Gottardi R, Schmidli J, Wyss TR, **Van Den Berg JC**, Tsilimparis N, Bavaria J, Bertoglio L, Martens A, Czerny M. Practice of neuromonitoring in open and endovascular thoracoabdominal aortic repair-an international expert-based modified Delphi consensus study. *Eur J Cardiothorac Surg.* 2023;63: ezad198. PMID [37252816](#)
 50. **Schiaffino S**, **Cozzi A**, Pompei B, **Scarano AL**, **Catanese C**, Catic A, Rossi L, **Del Grande F**, Harder Y. MRI-Conditional Breast Tissue Expander: First In-Human Multi-Case Assessment of MRI-Related Complications and Image Quality. *J Clin Med.* 2023;12:4410. PMID [37445444](#)
 51. Sörelius K, Wyss TR, Adam D, Beck AW, Berard X, Budtz-Lilly J, Chakfé N, Clough R, Czerny M, D'Oria M, Dang M, di Summa PG, Eldrup N, Fourneau I, Heinola I, Hosaka A, Hsu RB, Huang YK, Jutidamrongphan W, Kan CD, Kölbl T, Lau C, Lawaetz M, Mani K, Moulakakis K, Oderich GS, Resch T, Schmidli J, Sedivy P, Shirasu T, Suwannanon R, Szeberin Z, Touma J, **van den Berg JC**, Veger H, Wanhainen A, Weiss S. Editor's Choice - Infective Native Aortic Aneurysms: A Delphi Consensus Document on Terminology, Definition, Classification, Diagnosis, and Reporting Standards. *Eur J Vasc Endovasc Surg.* 2023;65:323-9. PMID [36470311](#)
 52. **Treglia G**, Martinello C, Dondi F, Albano D, Bertagna F, Rizzo A, Delgado Bolton RC, Tersalvi G, Muoio B, Riegger M, Cecchin D. Prevalence of Incidental Findings Suspicious for Transthyretin Cardiac Amyloidosis among Patients Undergoing Bone Scintigraphy: A Systematic Review and a Meta-Analysis. *J Clin Med.* 2023;12:5698. PMID [37685765](#)
 53. Urso L, Castello A, **Treglia G**, Panareo S, Nieri A, Rambaldi I, Caracciolo M, Ortolan N, Uccelli L, Cittanti C, Castellani M, Bartolomei M. Relevance of Volumetric Parameters Applied to [(68)Ga]Ga-DOTATOC PET/CT in NET Patients Treated with PRRT. *Diagnostics (Basel).* 2023;13:606. PMID [36832093](#)
 54. Zamanian M, **Treglia G**, Abedi I. Diagnostic Accuracy of PET with Different Radiotracers versus Bone Scintigraphy for Detecting Bone Metastases of Breast Cancer: A Systematic Review and a Meta-Analysis. *J Imaging.* 2023;9:274. PMID [38132692](#)
 55. Zappia M, Albano D, Aliprandi A, Barile A, Brunese L, Castagna A, Cozzolino A, De Filippo M, Di Pietto F, Di Salvatore MG, Genovese EA, Guarino S, Guerriero P, Merolla G, Messina C, Ranieri R, Romano AM, Russo R, Tumminello M, Rossi PS, Sconfienza LM, **Chianca V**. Glenoid bone loss in anterior shoulder dislocation: a multicentric study to assess the most reliable imaging method. *Radiol Med.* 2023;128:93-102. PMID [36562906](#)
 56. Zirilli A, Ruggeri RM, Barbalace MC, Hrelia S, **Giovanella L**, Campenni A, Cannavò S, Alibrandi

A. The Influence of Food Regimes on Oxidative Stress: A Permutation-Based Approach Using the NPC Test. *Healthcare (Basel)*. 2023;11:2236. PMID [37628461](#)

Reviews

57. Albano D, **Treglia G**, Dondi F, Calabrò A, Rizzo A, Annunziata S, Guerra L, Morbelli S, Tucci A, Bertagna F. (18)F-FDG PET/CT Maximum Tumor Dissemination (Dmax) in Lymphoma: A New Prognostic Factor? *Cancers (Basel)*. 2023;15:2494. PMID [37173962](#)
58. Campenni A, Avram AM, Verburg FA, Iakovou I, Hänscheid H, de Keizer B, Petranović Ovčariček P, **Giovanella L**. The EANM guideline on radioiodine therapy of benign thyroid disease. *Eur J Nucl Med Mol Imaging*. 2023;50:3324-48. PMID [37395802](#)
59. **Chianca V**, Sutter R, **Del Grande F**. Imaging of Anatomical Variants Around the Elbow. *Semin Musculoskelet Radiol*. 2023;27:163-8. PMID [37011617](#)
60. D'Aurizio F, Kratzsch J, Gruson D, Petranović Ovčariček P, **Giovanella L**. Free thyroxine measurement in clinical practice: how to optimize indications, analytical procedures, and interpretation criteria while waiting for global standardization. *Crit Rev Clin Lab Sci*. 2023;60:101-40. PMID [36227760](#)
61. Deantonio L, Castronovo F, **Paone G**, **Treglia G**, Zilli T. Metabolic Imaging for Radiation Therapy Treatment Planning: The Role of Hybrid PET/MR Imaging. *Magn Reson Imaging Clin N Am*. 2023;31:637-54. PMID [37741647](#)
62. Dondi F, Antonelli A, Suardi N, Guerini AE, Albano D, Lucchini S, Camoni L, **Treglia G**, Bertagna F. PET/CT and Conventional Imaging for the Assessment of Neuroendocrine Prostate Cancer: A Systematic Review. *Cancers (Basel)*. 2023;15:4404. PMID [37686680](#)
63. Fitridge R, Chuter V, Mills J, Hinchliffe R, Azuma N, Behrendt CA, Boyko EJ, Conte MS, Humphries M, Kirksey L, McGinagle KC, Nikol S, Nordanstig J, Rowe V, Russell D, **van den Berg JC**, Venermo M, Schaper N. The Intersocietal IWGDF, ESVS, SVS Guidelines on Peripheral Artery Disease in People With Diabetes Mellitus and a Foot Ulcer. *Eur J Vasc Endovasc Surg*. 2023; PMID [37724984](#)
64. Fitridge R, Chuter V, Mills J, Hinchliffe R, Azuma N, Behrendt CA, Boyko EJ, Conte MS, Humphries M, Kirksey L, McGinagle KC, Nikol S, Nordanstig J, Rowe V, Russell D, **van den Berg JC**, Venermo M, Schaper N. The intersocietal IWGDF, ESVS, SVS guidelines on peripheral artery disease in people with diabetes mellitus and a foot ulcer. *J Vasc Surg*. 2023;78:1101-31. PMID [37724985](#)
65. Fiz F, Bottoni G, Massollo M, Trimboli P, Catrambone U, Bacigalupo L, Righi S, **Treglia G**, Imperiale A, Piccardo A. [18F]F-Choline PET/CT and 4D-CT in the evaluation of primary hyperparathyroidism: rivals or allies? *Q J Nucl Med Mol Imaging*. 2023;67:130-7. PMID [37232932](#)
66. Garo ML, Campenni A, Petranovic-Ovcaricek P, D'Aurizio F, **Giovanella L**. Evolution of thyroid cancer biomarkers: from laboratory test to patients' clinical management. *Clin Chem Lab Med*. 2023;61:935-45. PMID [36370420](#)
67. Garo ML, Deandreis D, Campenni A, Vrachimis A, Petranovic Ovcaricek P, **Giovanella L**. Accuracy of papillary thyroid cancer prognostic nomograms: a systematic review. *Endocr Connect*. 2023;12:e220457. PMID [36662681](#)
68. Gear J, Stokke C, Terwinghe C, Gnesin S, Sandström M, Tran-Gia J, Cremonesi M, Cicone F, Verburg F, Hustinx R, **Giovanella L**, Herrmann K, Gabiña PM. EANM enabling guide: how to improve the accessibility of clinical dosimetry. *Eur J Nucl Med Mol Imaging*. 2023;50:1861-8. PMID [37086275](#)
69. **Giovanella L**, D'Aurizio F, Algeciras-Schimmich A, Görges R, Petranovic Ovcaricek P, Tuttle RM, Visser WE, Verburg FA. Thyroglobulin and thyroglobulin antibody: an updated clinical and laboratory expert consensus. *Eur J Endocrinol*. 2023;189:R11-r27. PMID [37625447](#)
70. Graff V, Gabutti L, **Treglia G**, Pascale M, Anselmi L, Cafarotti S, La Regina D, Mongelli F, Saporito A. Perioperative costs of local or regional anesthesia versus general anesthesia in the outpatient setting: a systematic review of recent literature. *Braz J Anesthesiol*. 2023;73:316-39. PMID [34627828](#)
71. Jreige M, Kurian GK, Perriraz J, Potheegadoo J, Bernasconi F, Stampacchia S, Blanke O, Alessandra G, Lejay N, Chiabotti PS, Rouaud O, Nicod Lalonde M, Schaefer N, **Treglia G**, Allali G, Prior JO. The diagnostic performance of functional dopaminergic scintigraphic imaging in the diagnosis of dementia with Lewy bodies: an updated systematic review. *Eur J Nucl Med Mol Imaging*. 2023;50:1988-2035. PMID [36920494](#)
72. Maciel C, Ferreira H, Djokovic D, Kyaw Tun J, Keckstein J, **Rizzo S**, Manganaro L. MRI of endometriosis in correlation with the #Enzian classification: applicability and structured report. *Insights Imaging*. 2023;14:120. PMID [37405519](#)
73. Miceli V, Gennarini M, Tomao F, Cupertino A, Lombardo D, Palaia I, Curti F, Riccardi S, Ninkova R, Maccioni F, Ricci P, Catalano C, **Rizzo SMR**, Manganaro L. Imaging of Peritoneal Carcinomatosis in Advanced Ovarian Cancer: CT, MRI, Radiomic Features and Resectability Criteria. *Cancers (Basel)*. 2023;15:5827. PMID [38136373](#)
74. **Montes de Jesus FM**, Espeli V, **Paone G**, **Giovanella L**. Add-on radioiodine during long-term BRAF/MEK inhibition in patients with RAI-refractory thyroid cancers: a reasonable option? *Endocrine*. 2023;81:450-4. PMID [37191938](#)
75. Nana P, Koelemay MJW, Leone N, Brodis A, **van den Berg JC**, de Bruin JL, Geelkerken RH, Spanos K. A Systematic Review of Endovascular Repair Outcomes in Atherosclerotic Chronic Mesenteric Ischaemia. *Eur J Vasc Endovasc Surg*. 2023;66:632-43. PMID [37451604](#)
76. Nanni C, Kobe C, Baeßler B, Baues C, Boellaard R, Borchmann P, Buck A, Buvat I, Chapuy B, Cheson BD, Chrzan R, Cottreau AS, Dührsen U, Eikenes L, Hutchings M, Jurczak W, Kraeber-Bodéré F, Lopci E, Luminari S, MacLennan S, Mikhaeel NG, Nijland M, Rodríguez-Otero P, **Treglia G**, Withofs N, Zamagni E, Zinzani PL, Zijlstra JM, Herrmann K, Kunikowska J. European Association of Nuclear Medicine (EANM) Focus 4

- consensus recommendations: molecular imaging and therapy in haematological tumours. *Lancet Haematol.* 2023;10:e367-e81. PMID [37142345](#)
77. Naylor R, Rantner B, Ancetti S, de Borst GJ, De Carlo M, Halliday A, Kakkos SK, Markus HS, McCabe DJH, Sillesen H, **van den Berg JC**, Vega de Ceniga M, Venermo MA, Vermassen FEG, Esvs Guidelines C, Antoniou GA, Bastos Goncalves F, Bjorck M, Chakfe N, Coscas R, Dias NV, Dick F, Hinchliffe RJ, Kolh P, Koncar IB, Lindholt JS, Mees BME, Resch TA, Trimarchi S, Tulamo R, Twine CP, Wanhainen A, Document R, Bellmunt-Montoya S, Bulbulia R, Darling RC, 3rd, Eckstein HH, Giannoukas A, Koelemay MJW, Lindström D, Schermerhorn M, Stone DH. Editor's Choice - European Society for Vascular Surgery (ESVS) 2023 Clinical Practice Guidelines on the Management of Atherosclerotic Carotid and Vertebral Artery Disease. *Eur J Vasc Endovasc Surg.* 2023;65:7-111. PMID [35598721](#)
 78. Petranović Ovčariček P, Campenni A, de Keizer B, Deandreis D, Kreissl MC, Vrachimis A, Tuncel M, **Giovanella L**. Molecular Theranostics in Radioiodine-Refractory Differentiated Thyroid Cancer. *Cancers (Basel).* 2023;15:4290. PMID [37686566](#)
 79. Petrella F, **Rizzo S**, Attili I, Passaro A, Zilli T, Martucci F, Bonomo L, **Del Grande F**, Casiraghi M, De Marinis F, Spaggiari L. Stage III Non-Small-Cell Lung Cancer: An Overview of Treatment Options. *Curr Oncol.* 2023;30:3160-75. PMID [36975452](#)
 80. Petrella F, **Rizzo S**, Masiero M, Marzorati C, Casiraghi M, Bertolaccini L, Mazzella A, Pravettoni G, Spaggiari L. Clinical impact of vaping on cardiopulmonary function and lung cancer development: an update. *Eur J Cancer Prev.* 2023;32:584-9. PMID [36942844](#)
 81. Rizzo A, Racca M, Dall'Armellina S, Delgado Bolton RC, Albano D, Dondi F, Bertagna F, Annunziata S, **Treglia G**. Potential Role of PSMA-Targeted PET in Thyroid Malignant Disease: A Systematic Review. *Diagnostics (Basel).* 2023;13:564. PMID [36766670](#)
 82. Rizzo A, Racca M, Dall'Armellina S, Rescigno P, Banna GL, Albano D, Dondi F, Bertagna F, Annunziata S, **Treglia G**. The Emerging Role of PET/CT with PSMA-Targeting Radiopharmaceuticals in Clear Cell Renal Cancer: An Updated Systematic Review. *Cancers (Basel).* 2023;15:355. PMID [36672305](#)
 83. **Ruffino MA**, Konings TJ, Mees BM. Evolution of the covered endovascular reconstruction of the aortic bifurcation technique for complex aorto-iliac occlusive disease. *J Cardiovasc Surg (Torino).* 2023;64:382-8. PMID [37401818](#)
 84. **Schiaffino S**, Pinker K, **Cozzi A**, Magni V, Athanasiou A, Baltzer PAT, Camps Herrero J, Clauser P, Fallenberg EM, Forrai G, Fuchsjäger MH, Gilbert FJ, Helbich T, Kilburn-Toppin F, Kuhl CK, Lesaru M, Mann RM, Panizza P, Pediconi F, Sardanelli F, Sella T, Thomassin-Naggara I, Zackrisson S, Pijnappel RM. European Society of Breast Imaging (EUSOBI) guidelines on the management of axillary lymphadenopathy after COVID-19 vaccination: 2023 revision. *Insights Imaging.* 2023;14:126. PMID [37466753](#)
 85. Tersalvi G, Beltrani V, Grüber MR, Molteni A, Cristoforetti Y, Pedrazzini G, **Treglia G**, Biasco L. Positron Emission Tomography in Heart Failure: From Pathophysiology to Clinical Application. *J Cardiovasc Dev Dis.* 2023;10:220. PMID [37233187](#)
 86. **Treglia G**, Albano D, Dondi F, Bertagna F, Gheysens O. A role of FDG PET/CT for Response Assessment in Large Vessel Disease? *Semin Nucl Med.* 2023;53:78-85. PMID [36075772](#)
 87. **Treglia G**, Rufini V, Piccardo A, Imperiale A. Update on Management of Medullary Thyroid Carcinoma: Focus on Nuclear Medicine. *Semin Nucl Med.* 2023;53:481-9. PMID [36702731](#)
 88. Trimboli P, Mian C, Piccardo A, **Treglia G**. Diagnostic tests for medullary thyroid carcinoma: an umbrella review. *Endocrine.* 2023;81:183-93. PMID [36877452](#)
 89. **Xhepa G**, Vanzulli A, Sciacqua LV, Inzerillo A, Faerber P, Ierardi AM, Carrafiello G, **Del Grande F**, Ricoeur A. Advancements in Treatment Strategies for Chronic Mesenteric Ischemia: A Comprehensive Review. *J Clin Med.* 2023;12:7112. PMID [38002726](#)
- ### Editorials or letters or comments
90. Annunziata S, **Treglia G**. Editorial: Radiomics and artificial intelligence in radiology and nuclear medicine. *Front Med (Lausanne).* 2023;10:1216434. PMID [37287746](#)
 91. **Cozzi A**, **Schiaffino S**. Preoperative breast MRI in women with dense breasts: can we keep up with a rapidly changing scenario? *Eur Radiol.* 2023;33:8077-9. PMID [37646816](#)
 92. Delgado Bolton RC, Calapaquí Terán AK, Gómez Román JJ, **Treglia G**, Giammarile F. A randomised trial probes the higher efficacy of a hybrid radioactive and fluorescent tracer approach in high-complexity sentinel node biopsy during robotic surgery of prostate cancer. *Eur J Nucl Med Mol Imaging.* 2023;50:2588-90. PMID [36961536](#)
 93. Delgado Bolton RC, Calapaquí Terán AK, **Treglia G**, Giammarile F. Is there more than meets the eye than sentinel node localisation during lymphoscintigraphy mapping? Potential immunologic and therapeutic implications. *Eur J Nucl Med Mol Imaging.* 2023;50:635-7. PMID [36580088](#)
 94. **Giovanella L**. Radioiodine therapy in differentiated thyroid cancer. There is (still) a great chaos under heaven: is the situation excellent? *Endocrine.* 2023;81:47-9. PMID [36752957](#)
 95. Marcon M, **Catanese C**, **Scarano AL**, **Del Grande F**, **Manganiello M**, **Palermo M**, **Rizzo S**. Reply to comment to "axillary lymph nodes enlargement after Sars-CoV-2 vaccine in patients undergoing breast examination: a single-centre experience in 285 women". *Radiol Med.* 2023;128:1595-6. PMID [37907674](#)
 96. McCague C, MacKay K, Welsh C, Constantinou A, Jena R, Crispin-Ortuzar M, Imaging AI evaluation consensus group (**Rizzo S**). Position statement on clinical evaluation of imaging AI. *Lancet Digit Health.* 2023;5:e400-e2. PMID [37391263](#)
 97. Messina C, **Del Grande F**. Editorial: Imaging of bone cancers - novel methodologies and optimizations. *Front Oncol.* 2023;13:1148663. PMID [36874107](#)

98. **Montes de Jesus FM, Giovanella L.** Unexplained increase of serum carcinoembryonic antigen: don't forget the thyroid! *Clin Chem Lab Med.* 2023;61:e203-e5. PMID [37053395](#)
99. Muoio B, Espeli V, **Treglia G.** Neuro-Oncology and Positron Emission Tomography: "Just Can't Get Enough". *Cancers (Basel).* 2023;15:4739. PMID [37835432](#)
100. Petranović Ovčariček P, **Giovanella L,** Vrachimis A. Parathyroid imaging. *Q J Nucl Med Mol Imaging.* 2023;67:93-5. PMID [36748986](#)
101. **Schiaffino S,** Cozzi A. Contrast-enhanced mammography-guided biopsy: why, when, and where we need it. *Eur Radiol.* 2023;33:414-6. PMID [36316603](#)
102. **Treglia G,** Albano D. FAPI PET/CT in infectious, inflammatory, and rheumatological diseases: "watch it like a hawk" or "one swallow does not make a summer"? *Eur J Nucl Med Mol Imaging.* 2023;50:1848-50. PMID [36872391](#)
103. **Treglia G,** Bailly C. Editorial: Nuclear medicine in rheumatological diseases' therapy and diagnosis. *Front Med (Lausanne).* 2023;10:1171992. PMID [36999067](#)
104. **Treglia G.** Editorial: Insights in nuclear medicine: 2022. *Front Med (Lausanne).* 2023;10:1259644. PMID [37564048](#)
105. **van den Berg JC.** A New Computed Tomography Classification for Acute Mesenteric Ischaemia: More Than a "Gut Feeling"? *Eur J Vasc Endovasc Surg.* 2023;65:809-10. PMID [36921752](#)
106. **van den Berg JC.** Measurement of the Brain Atrophy Index To Predict Mortality: a 'No-Brainer'? *Eur J Vasc Endovasc Surg.* 2023;65:346-7. PMID [36566983](#)

Case reports

107. **Cuzzocrea M, Paone G, Treglia G.** Two Birds with One Stone: Hepatocellular Carcinoma and Small Cell Lung Cancer Imaged with [(18)F] Fluorocholine Positron Emission Tomography/Computed Tomography. *Diagnostics (Basel).* 2023;13:2639. PMID [37627897](#)
108. Rossi S, Prodi E, Morese R, **Paone G,** Ruberto T, Sacco L. Persistent 18F-FDG Brain PET Fronto-Temporal Hypometabolism and Cognitive Symptoms Two Years after SARS-CoV-2 Infection: A Case Report. *Neurol Int.* 2023;15:908-16. PMID [37606391](#)
109. Pavon AG, **Ceriani L, Raditchkova M,** Leo LA, Pedrazzini G, Auricchio A, Caporali E. What is this image? 2023 image 5 result: Role of 18-Fluorodeoxyglucose positron emission tomography and computed tomography in cardiac implanted electronic device infection. *J Nucl Cardiol.* 2023;30:480-3. PMID [36972001](#)

Pediatric Institute of Southern Switzerland

Publications are listed in alphabetical order for each section: original articles (including meta-analyses, surveys, research letters, consensus and delphi-based consensus paper); reviews (including systematic reviews without meta-analyses, protocols); editorials or letters or comments; case reports. EOC authors affiliated with the Institute/Department are highlighted in bold.

Original articles

1. **Bronz G, Zanetti B**, Bianchetti MG, Milani GP, Lava SAG, Neuhaus TJ, Witschi A, **Kottanattu L**. Bilateral upper eyelid swelling (Hoagland sign) in Epstein-Barr infectious mononucleosis: prospective experience. *Infection*. 2023;51:471-4. PMID [36224451](#)
2. Chausset A, Lambert C, Belot A, Merlin E, Cannizzaro E, Kone-Paut I, Ballot C, Devauchelle V, Poignant S, Carlomagno R, Lohse A, Barbier C, Despert V, Carbasse A, Sparsa L, Adank E, **Vanoni F**, Reumaux H, Pillet P, Kaiser D, Hofer M, Freychet C, Schott AM. Individual and environmental determinants associated with longer times to access pediatric rheumatology centers for patients with juvenile idiopathic arthritis, a JIR cohort study. *Pediatr Rheumatol Online J*. 2023;21:24. PMID [36918902](#)
3. Cozzi G, Sovtic A, Garelli D, Krivec U, Silvagni D, Corsini I, Colombo M, Giangreco M, Giannattasio A, Milani GP, Minute M, Marchetti F, Gatto A, Debbia C, Gortan AJ, Massaro M, Hatziaorou E, **Ravidà D**, Diamand R, Jones E, Visekruna J, Zago A, Barbi E, Amaddeo A, Cortellazzo Wiel L. SARS-CoV-2-related bronchiolitis: a multicentre international study. *Arch Dis Child*. 2023;108:e15. PMID [37130726](#)
4. Esposito C, Leva E, Gamba P, Sgrò A, Ferrentino U, Papparella A, Chiarenza F, Blevé C, **Mendoza-Sagaon M, Montaruli E**, Escolino M. Pediatric endoscopic pilonidal sinus treatment (PEPSiT): report of a multicentric national study on 294 patients. *Updates Surg*. 2023;75:1625-31. PMID [37145226](#)
5. Goldman RD, Hart RJ, Bone JN, Seiler M, Olson PG, Keitel K, Manzano S, **Gualco G**, Krupik D, Schroter S, Weigert RM, Chung S, Thompson GC, Muhammad N, Shah P, Gaucher NO, Hou M, Griffiths J, Lunoe MM, Evers M, Pharisa Rochat C, Nelson CE, Gal M, Baumer-Mouradian SH. Willingness to vaccinate children against COVID-19 declined during the pandemic. *Vaccine*. 2023;41:2495-502. PMID [36889992](#)
6. Merlo F, Falvo I, Caiata-Zufferey M, Schulz PJ, Milani GP, **Simonetti GD**, Bianchetti MG, Fadda M. New insights into fever phobia: a pilot qualitative study with caregivers and their healthcare providers. *Eur J Pediatr*. 2023;182:651-9. PMID [36443503](#)
7. **Meyer A, Mazzara C**, Lava SAG, Treglia G, Bianchetti MG, **Goeggel Simonetti B, Simonetti GD**. Neurological complications of rotavirus infection in children: A systematic review and meta-analysis. *Acta Paediatr*. 2023;112:1565-73. PMID [36951625](#)
8. Pirson L, Lüer SC, Diezi M, Kroiss S, **Brazzola P**, Schilling FH, von der Weid N, Scheinemann K, Greiner J, Zuzak TJ, von Bueren AO. Pediatric oncologists' perspectives on the use of complementary medicine in pediatric cancer patients in Switzerland: A national survey-based cross-sectional study. *Cancer Rep (Hoboken)*. 2023;6:e1649. PMID [35699504](#)
9. Schwarzwald A, Fischer U, Seiffge D, Beyeler M, Scutelnic A, Kaesmacher J, Mordasini P, Dobrocky T, Gralla J, Heldner MR, Umarova R, Meinel TR, Arnold M, Jung S, **Goeggel Simonetti B**. Impact of sex in stroke in the young. *PLoS One*. 2023;18:e0274722. PMID [37000788](#)
10. Sommer M, **Glaser B**, Soldini E, Weber P, **Ramelli GP**. Age at initial diagnosis of autism spectrum disorders: a retrospective comparison of screening techniques between the southern and northwestern regions of Switzerland. *Swiss Med Wkly*. 2023;153:40131. PMID [38037847](#)
11. Uka A, Bressieux-Degueldre S, Buettcher M, **Kottanattu L**, Plebani M, Niederer-Loher A, Schöbi N, Hofer M, Tomasini J, Trück J, Villiger R, Wagner N, Wuetz D, Ritz N, Zimmermann P. Cardiac involvement in children with paediatric multisystem inflammatory syndrome temporally associated with SARS-CoV-2 (PIMS-TS): data from a prospective nationwide surveillance study. *Swiss Med Wkly*. 2023;153:40092. PMID [37852002](#)
12. Welzel T, Atkinson A, Schöbi N, Andre MC, Bailey DGN, Blanchard-Rohner G, Buettcher M, Grazioli S, Koehler H, Perez MH, Trück J, **Vanoni F**, Zimmermann P, Sanchez C, Bielicki JA, Schlapbach LJ. Methylprednisolone versus intravenous immunoglobulins in children with paediatric inflammatory multisystem syndrome temporally associated with SARS-CoV-2 (PIMS-TS): an open-label, multicentre, randomised trial. *Lancet Child Adolesc Health*. 2023;7:238-48. PMID [36746174](#)

Reviews

13. **Anguissola G**, Leu D, **Simonetti GD, Simonetti Goeggel B**, Lava SAG, Milani GP, Bianchetti MG, Scoglio M. Kidney tubular injury induced by valproic acid: systematic literature review. *Pediatr Nephrol*. 2023;38:1725-31. PMID [36645492](#)
14. Bischof MCM, Stadelmann MIE, Janett S, Bianchetti MG, Camozzi P, **Goeggel Simonetti B**, Lava SAG, Milani GP. Valproic Acid-Associated Acute Pancreatitis: Systematic Literature Review. *J Clin Med*. 2023;12:6044. PMID [37762984](#)
15. **Bronz G**, Gianini J, Passi AG, **Rizzi M**, Bergmann MM, Milani GP, Lava SAG, Bianchetti MG, Terziroli Beretta-Piccoli B, **Vanoni F**. Autoimmune markers and vascular immune deposits in Finkelstein-Seidlmayer vasculitis: Systematic literature review. *J Autoimmun*. 2023;136:103002. PMID [36822150](#)
16. **Djokic D**, Milani GP, Lava SAG, **Gualco G, Corigliano T, Bianchetti MG**, Lavagno C. Hair-thread strangulation syndrome in childhood: a systematic review. *Swiss Med Wkly*. 2023;153:40124. PMID [37955631](#)
17. Lasica A, **Cortesi C**, Milani GP, Bianchetti MG, Schera FM, Camozzi P, Lava SAG. Propofol-

- Associated Urine Discoloration: Systematic Literature Review. *Pharmacology*. 2023;108:415-22. PMID [37634493](#)
18. Lurbe E, Mancia G, Calpe J, Drożdż D, Erdine S, Fernandez-Aranda F, Hadjipanayis A, Hoyer PF, Jankauskiene A, Jiménez-Murcia S, Litwin M, Mazur A, Pall D, Seeman T, Sinha MD, **Simonetti G**, Stabouli S, Wühl E. Joint statement for assessing and managing high blood pressure in children and adolescents: Chapter 1. How to correctly measure blood pressure in children and adolescents. *Front Pediatr*. 2023;11:1140357. PMID [37138561](#)
 19. Toti JMA, Gatti B, Hunjan I, **Kottanattu L**, Faré PB, Renzi S, Bianchetti MG, Milani GP, Lava SAG, Camozzi P. Splenic rupture or infarction associated with Epstein-Barr virus infectious mononucleosis: a systematic literature review. *Swiss Med Wkly*. 2023;153:40081. PMID [37245117](#)
 20. Vismara SA, **Ridolfi A**, Faré PB, Bianchetti MG, Lava SAG, Renzi S, Piccoli BTB, Milani GP, **Kottanattu L**. COVID-19, Coronavirus Vaccines, and Possible Association with Lipschütz Vulvar Ulcer: A Systematic Review. *Clin Rev Allergy Immunol*. 2023;65:166-71. PMID [37358748](#)
 21. Wühl E, Calpe J, Drożdż D, Erdine S, Fernandez-Aranda F, Hadjipanayis A, Hoyer PF, Jankauskiene A, Jiménez-Murcia S, Litwin M, Mancia G, Mazur A, Pall D, Seeman T, Sinha MD, **Simonetti G**, Stabouli S, Lurbe E. Joint statement for assessing and managing high blood pressure in children and adolescents: Chapter 2. How to manage high blood pressure in children and adolescents. *Front Pediatr*. 2023;11:1140617. PMID [37124176](#)

196

Editorials or letters or comments

22. Lurbe E, Mancia G, Drozd D, Erdine S, Fernandez-Aranda F, Litwin M, Sinha MD, **Simonetti G**, Stabouli S, Wühl E. HyperChildNET: A European Network Moving Forward in the Field of Pediatric Hypertension. *Hypertension*. 2023;80:e71-e3. PMID [36748460](#)

Case reports

23. Giunchi D, **Gonzalez J**, Odorizzi M, **Mendoza MS**, **De Rosa V**. Simultaneous Bilateral Avulsion of Tibial Anterior Tubercle in Adolescent: Two Case Reports and Narrative Review of the Literature. *Case Rep Orthop*. 2023;2023:1035705. PMID [36819845](#)

Institute of Pharmacological Sciences of Southern Switzerland

Publications are listed in alphabetical order for each section: original articles (including meta-analyses, surveys, research letters, consensus and delphi-based consensus paper); reviews (including systematic reviews without meta-analyses, protocols); editorials or letters or comments; case reports. EOC authors affiliated with the Institute/Department are highlighted in bold.

Original articles

1. Addetia A, Piccoli L, Case JB, Park YJ, Beltramello M, Guarino B, Dang H, de Melo GD, Pinto D, Sprouse K, Scheaffer SM, Bassi J, Silacci-Fregni C, Muoio F, Dini M, Vincenzetti L, Acosta R, Johnson D, Subramanian S, Saliba C, Giurdanella M, Lombardo G, Leoni G, Culap K, McAlister C, Rajesh A, Dellota E, Jr., Zhou J, Farhat N, Bohan D, Noack J, Chen A, Lempp FA, Quispe J, Kergoat L, Larrous F, Cameroni E, Whitener B, Giannini O, Cippà P, **Ceschi A**, Ferrari P, Franzetti-Pellanda A, Biggiogero M, Garzoni C, Zappi S, Bernasconi L, Kim MJ, Rosen LE, Schnell G, Czudnochowski N, Benigni F, Franko N, Logue JK, Yoshiyama C, Stewart C, Chu H, Bourhy H, Schmid MA, Purcell LA, Snell G, Lanzavecchia A, Diamond MS, Corti D, Veessler D. Neutralization, effector function and immune imprinting of Omicron variants. *Nature*. 2023;621:592-601. PMID 37648855
2. Hitz P, Pagnamenta A, Pertusini L, Terrot T, Franzosi Y, Bassi J, Silacci-Fregni C, Gaia V, Martinetti G, Keller F, Berwert L, Ognà VF, Lavorato-Hadjeres S, Giunzioni D, D'Ermo A, Valnegri A, Ferrari P, Corti D, **Ceschi A**, Cippà P, Piccoli L, Giannini O. Prevalence of SARS-CoV-2 infection and impact of vaccination in dialysis patients over two years of the pandemic. *J Nephrol*. 2023;36:2665-7. PMID 37702913
3. Marzi R, Bassi J, Silacci-Fregni C, Bartha I, Muoio F, Culap K, Sprugasci N, Lombardo G, Saliba C, Cameroni E, Cassotta A, Low JS, Walls AC, McCallum M, Tortorici MA, Bowen JE, Dellota EA, Jr., Dillen JR, Czudnochowski N, Pertusini L, Terrot T, Lepori V, Tarkowski M, Riva A, Biggiogero M, Franzetti-Pellanda A, Garzoni C, Ferrari P, **Ceschi A**, Giannini O, Havenar-Daughton C, Telenti A, Arvin A, Virgin HW, Sallusto F, Veessler D, Lanzavecchia A, Corti D, Piccoli L. Maturation of SARS-CoV-2 Spike-specific memory B cells drives resilience to viral escape. *iScience*. 2023;26:105726. PMID 36507220
4. **Nosedà R, Bedussi F, Gobbi C, Ceschi A, Zecca C**. Safety profile of monoclonal antibodies targeting the calcitonin gene-related peptide system in pregnancy: Updated analysis in VigiBase®. *Cephalalgia*. 2023;43:3331024231158083. PMID 36855950
5. **Nosedà R**, Franchi M, Pagnamenta A, **Müller L**, Dines AM, Giraudon I, Heyerdahl F, Eyer F, Hovda KE, Liechti ME, Miró Ò, Vallersnes OM, Yates C, Dargan PI, Wood DM, **Ceschi A**. Determinants of Admission to Critical Care Following Acute

6. **Nosedà R, Müller L, Bedussi F**, Fusaroli M, Raschi E, **Ceschi A**. Immune Checkpoint Inhibitors and Pregnancy: Analysis of the VigiBase® Spontaneous Reporting System. *Cancers (Basel)*. 2023;15:173. PMID 36612168
7. **Nosedà R**, Rea F, Pagnamenta A, Agazzi P, Bianco G, Sihabdeen S, Seiffge D, Michel P, Nedeltchev K, Bonati L, Kägi G, Niederhauser J, Nyffeler T, Luft A, Wegener S, Schelosky L, Medlin F, Rodic B, Peters N, Renaud S, Mono ML, Carrera E, Fischer U, **Ceschi A**, Cereda CW. Sex Differences in Outcomes of Intravenous Thrombolysis in Acute Ischemic Stroke Patients with Preadmission Use of Antiplatelets. *CNS Drugs*. 2023;37:351-61. PMID 36976463
8. Vallersnes OM, Dines AM, Wood DM, Heyerdahl F, Hovda KE, Yates C, Giraudon I, Caganova B, **Ceschi A**, Galicia M, Liakoni E, Liechti ME, Miró Ò, **Nosedà R**, Persett PS, Pöld K, Schmid Y, Scholz I, Vigorita F, Dargan PI. Self-discharge during treatment for acute recreational drug toxicity: an observational study from emergency departments in seven European countries. *Int J Emerg Med*. 2023;16:86. PMID 38030969
9. Van Singer M, Brahier T, Koch J, Hugli PO, Weckman AM, Zhong K, Kain TJ, Leligdowicz A, Bernasconi E, **Ceschi A**, Parolari S, Vuichard-Gysin D, Kain KC, Albrich WC, Boillat-Blanco N. Validation of sTREM-1 and IL-6 based algorithms for outcome prediction of COVID-19. *BMC Infect Dis*. 2023;23:630. PMID 37752433

Reviews

10. **Lava SAG**, Zollinger C, Chehade H, Schaffner D, Sekarski N, Di Bernardo S. Diuretics in pediatrics. *Eur J Pediatr*. 2023;182:2077-88. PMID 36595088

Editorials or letters or comments

11. **Lava SAG**. Cardiovascular Disease in Children: The Future Is Now. *Children (Basel)*. 2023;10:886. PMID 37238434
12. **Lava SAG**. Some like it hot. *Acta Paediatr*. 2023;112:1840-1. PMID 37326022

Case reports

13. Ekobena P, Rothuizen LE, **Bedussi F**, Guilcher P, Meylan S, **Ceschi A**, Girardin F, Dao K. Four cases of audio-vestibular disorders related to immunisation with SARS-CoV-2 mRNA vaccines. *Int J Audiol*. 2023;62:587-91. PMID 35510657

Institute of Laboratory Medicine EOLAB

Publications are listed in alphabetical order for each section: original articles (including meta-analyses, surveys, research letters, consensus and delphi-based consensus paper); reviews (including systematic reviews without meta-analyses, protocols); editorials or letters or comments; case reports. EOC authors affiliated with the Institute/Department are highlighted in bold.

Original articles

1. Disanto G, Galante A, **Cantu M**, Sacco R, Mele F, Eisler JJ, **Keller F**, Bernasconi E, Sallusto F, Zecca C, Gobbi C. Longitudinal Postvaccine SARS-CoV-2 Immunoglobulin G Titers, Memory B-Cell Responses, and Risk of COVID-19 in Multiple Sclerosis Over 1 Year. *Neurol Neuroimmunol Neuroinflamm*. 2023;10:e200043. PMID [36396447](#)
2. Fanelli F, Bruce S, **Cantù M**, Temchenko A, Mezzullo M, Lindner JM, Peitzsch M, Binz PA, Ackermans MT, Heijboer AC, Van den Ouweland J, Koeppl D, Nardi E, Rauh M, Vogeser M, Eisenhofer G, Pagotto U. Report from the HarmoSter study: inter-laboratory comparison of LC-MS/MS measurements of corticosterone, 11-deoxycortisol and cortisone. *Clin Chem Lab Med*. 2023;61:67-77. PMID [36288389](#)
3. Findlay J, Poirer L, Bouvier M, **Gaia V**, Nordmann P. Resistance to ceftazidime-avibactam in a KPC-2-producing *Klebsiella pneumoniae* caused by the extended-spectrum beta-lactamase VEB-25. *Eur J Clin Microbiol Infect Dis*. 2023;42:639-44. PMID [36877262](#)
4. Hitz P, Pagnamenta A, Pertusini L, Terrot T, Franzosi Y, Bassi J, Silacci-Fregni C, **Gaia V**, **Martinetti G**, **Keller F**, Berwert L, Ognà VF, Lavorato-Hadjeres S, Giunzioni D, D'Ermo A, Valnegri A, Ferrari P, Corti D, Ceschi A, Cippà P, Piccoli L, Giannini O. Prevalence of SARS-CoV-2 infection and impact of vaccination in dialysis patients over two years of the pandemic. *J Nephrol*. 2023;36:2665-7. PMID [37702913](#)
5. Piccinini D, Bernasconi E, Carelli M, Luvini G, Di Benedetto C, **Lucchini GM**, Barda B, Bongiovanni M. *Parvimonas micra* a new potential pathogen in hospitalized patients: a case series from 2015-2022. *Eur J Clin Microbiol Infect Dis*. 2023;42:903-6. PMID [37133638](#)
6. Piccinini D, Bernasconi E, Di Benedetto C, **Martinetti G**, **Lucchini GM**, Bongiovanni M. *Enterococcus hirae* infections in the clinical practice. *Infect Dis (Lond)*. 2023;55:71-3. PMID [36121841](#)
7. Ruberti A, Kremer Hovinga JA, Nappi F, **Vettese A**, Bianchi E, Fernandes E, Galfetti E, Monotti R, Paul P, Regazzoni S, Valente D, Rossi D, Stussi G, **Gerber B**. Acquired haemophilia A in southern Switzerland from 2013 to 2019: a case series. *Swiss Med Wkly*. 2023;153:40048. PMID [37021783](#)

Reviews

8. Fischer FB, Bigler M, Mäusezahl D, Hattendorf J, Egli A, Julian TR, Rölli F, **Gaia V**, Wymann

M, Fridez F, Bertschi S, SwissLEGIO Hospital Network (Bernasconi E, Petrino R, Uccella L). Legionnaires' disease in Switzerland: rationale and study protocol of a prospective national case-control and molecular source attribution study (SwissLEGIO). *Infection*. 2023;51:1467-79. PMID [36905400](#)

Editorials or letters or comments

9. Bongiovanni M, Barda B, **Lucchini GM**, **Gaia V**, Merlani G, Bernasconi E. Invasive Listeriosis in Southern Switzerland: A Local Problem That Is Actually Global. *Clin Infect Dis*. 2023;77:161-2. PMID [36999921](#)

Case reports

10. Chiardi I, Rotondi M, **Cantù M**, **Keller F**, Trimboli P. Macro-TSH: An Uncommon Explanation for Persistent TSH Elevation That Thyroidologists Have to Keep in Mind. *J Pers Med*. 2023;13:1471. PMID [37888082](#)
11. Piccinini D, Bernasconi E, **Lucchini GM**, Benedetto CD, Colombo G, Bongiovanni M. A case of spondylodiscitis by *Ureaplasma urealyticum* in an immunocompetent adult with spine stabilization. *Int J Infect Dis*. 2023;131:127-9. PMID [36958433](#)
12. Sparasci D, **Castelli C**, Staedler C, Gobbi C, Ripellino P. Inclusions in macrophages of the cerebrospinal fluid during treatment with Tofersen. *Muscle Nerve*. 2023;67:E3-e5. PMID [36477882](#)

Cantonal Institute of Pathology (ICP)

Publications are listed in alphabetical order for each section: original articles (including meta-analyses, surveys, research letters, consensus and delphi-based consensus paper); reviews (including systematic reviews without meta-analyses, protocols); editorials or letters or comments; case reports. EOC authors affiliated with the Institute/Department are highlighted in bold.

Original articles

1. Bendixen KK, Mindegaard M, **Epistolio S, Dazio G**, Marchi F, **Spina P**, Arnspang EC, Soerensen M, Christensen UB, **Frattini M**, Petersen RK. A qPCR technology for direct quantification of methylation in untreated DNA. *Nat Commun.* 2023;14:5153. PMID [37620381](#)
2. Cardia A, **Epistolio S**, Zaed I, Sahnane N, Cerutti R, Cipriani D, **Barizzi J, Spina P**, Stefanini FM, Cerati M, Balbi S, **Mazzucchelli L**, Sessa F, Pesce GA, Reinert M, **Frattini M**, Marchi F. Identification of MGMT Downregulation Induced by miRNA in Glioblastoma and Possible Effect on Temozolomide Sensitivity. *J Clin Med.* 2023;12:2061. PMID [36902848](#)
3. Cekani E, Martorell C, Martucci F, Patella M, Cafarotti S, Valenti A, **Freguia S, Molinari F**, Froesch P, **Frattini M**, Stathis A, Wannesson L. Prognostic implication of PD-L1 in early-stage non-small cell lung cancer: a retrospective single-centre study. *Swiss Med Wkly.* 2023;153:40110. PMID [37769653](#)
4. Frei AL, Oberson R, Baumann E, Perren A, Grobholz R, Lugli A, Dawson H, Abbet C, Lertxundi I, Reinhard S, Mookhoek A, Feichtinger J, **Sarro R**, Gadiant G, Dommann-Scherrer C, **Barizzi J**, Berezowska S, Glatz K, Dertinger S, Banz Y, Schoenegg R, Rubbia-Brandt L, Fleischmann A, Saile G, Mainil-Varlet P, Biral R, Giudici L, Soltermann A, Chaubert AB, Stadlmann S, Diebold J, Egervari K, Bénére C, Saro F, Janowczyk A, Zlobec I. Pathologist Computer-Aided Diagnostic Scoring of Tumor Cell Fraction: A Swiss National Study. *Mod Pathol.* 2023;36:100335. PMID [37742926](#)
5. Haefliger S, Hench J, O'Rourke CJ, Meyer-Schaller N, Uzun S, Saldarriaga J, Weber A, **Mazzucchelli L**, Jermann P, Frank S, Andersen JB, Terracciano L, Sempoux C, Matter MS. Genetic and epigenetic analysis of hepatocellular adenomas with atypical morphological features. *Histopathology.* 2023;82:722-30. PMID [36583256](#)
6. Hench J, Mihic-Probst D, Agaimy A, Frank S, Meyer P, Hultschig C, Simi S, Alos L, Balamurugan T, Blokx W, Bosisio F, Cappellesso R, Griewank K, Hadaschik E, van Kempen LC, Kempf W, Lentini M, **Mazzucchelli L**, Rinaldi G, Rutkowski P, Schadendorf D, Schilling B, Szumera-Cieckiewicz A, van den Oord J, Mandalà M, Massi D. Clinical, histopathological and molecular features of dedifferentiated melanomas: An EORTC Melanoma Group Retrospective Analysis. *Eur J Cancer.* 2023;187:7-14. PMID [37098294](#)
7. Kohler L, Cazzaniga S, **Beltraminelli H**. Histopathological characteristics of nevi of the

legs. *Int J Dermatol.* 2023;62:e37-e9. PMID [36073791](#)

8. Magnoli F, Marchiori D, Facchi S, **Martin V**, Campiotti L, Merli M, Sessa F, Tibiletti MG, Uccella S. High frequency of BCL2 gene rearrangement-negative follicular lymphoma in northwestern Italy. *Cancer Genet.* 2023;274-275:1-9. PMID [36917896](#)
9. Maurichi A, Barretta F, Patuzzo R, Miceli R, Gallino G, Mattavelli I, Leva A, Harwood C, Bergamaschi D, Borg TM, Shimonovitz-Moore M, Spadola G, Tolomio E, Barbieri C, Queirolo P, Manganoni AM, Pellacani G, Espeli V, Mangas C, **Leoni-Parvex S**, Cossa M, Belotti A, Valeri B, Cortinovis U, Santinami M. Similar local recurrence and survival in patients with T1 radial growth phase melanoma on head and neck treated with 5 or 10mm margins: A retrospective study. *J Eur Acad Dermatol Venereol.* 2023;37:1318-26. PMID [36924058](#)
10. Meani F, Barbalace G, Meroni D, Pagani O, **Perriard U**, Pagnamenta A, Aliverti A, Meroni E. Electrical Impedance Spectroscopy for Ex-Vivo Breast Cancer Tissues Analysis. *Ann Biomed Eng.* 2023;51:1535-46. PMID [37061594](#)
11. Sarkis R, Burri O, Royer-Chardon C, Schyrr F, Blum S, Costanza M, Cherix S, Piazzon N, Barcena C, Bisig B, Nardi V, **Sarro R**, Ambrosini G, Weigert M, Spertini O, Blum S, Deplancke B, Seitz A, de Leval L, Naveiras O. MarrowQuant 2.0: A Digital Pathology Workflow Assisting Bone Marrow Evaluation in Experimental and Clinical Hematology. *Mod Pathol.* 2023;36:100088. PMID [36788087](#)
12. Sørensen AL, Guldmann-Christensen M, Børgesen M, Petersen RK, Flugt K, Duelund JMH, Kyneb MH, Lorenzen J, Pipó-Ollé E, **Epistolio S, Riva A, Dazio G, Merlo E**, Meyer T, Christensen UB, **Frattini M**. Detection of BRAF mutations in malignant melanoma and colorectal cancer by SensiScreen® FFPE BRAF qPCR assay. *PLoS One.* 2023;18:e0281558. PMID [36758042](#)
13. Uzun S, Zinner CP, Beenen AC, Alborelli I, Bartoszek EM, Yeung J, Calgua B, Reinscheid M, Bronsert P, Stalder AK, Haslbauer JD, Vosbeck J, **Mazzucchelli L**, Hoffmann T, Terracciano LM, Hutter G, Manz M, Panne I, Boettler T, Hofmann M, Bengsch B, Heim MH, Bernsmeier C, Jiang S, Tzankov A, Terziroli Beretta-Piccoli B, Matter MS. Morphologic and molecular analysis of liver injury after SARS-CoV-2 vaccination reveals distinct characteristics. *J Hepatol.* 2023;79:666-76. PMID [37290592](#)

Case reports

14. Fusco R, Tesi C, Larentis O, **Spina P**, Campagnolo M, Licata M. A possible case of orbital osteomyelitis from the medieval cemetery of Sant'Agostino in Caravate (Varese, Northern Italy). *Int J Paleopathol.* 2023;41:50-4. PMID [36947955](#)

Department of Medicine EOC

Publications are listed in alphabetical order for each section: original articles (including meta-analyses, surveys, research letters, consensus and delphi-based consensus paper); reviews (including systematic reviews without meta-analyses, protocols); editorials or letters or comments; case reports. EOC authors affiliated with the Institute/Department are highlighted in bold.

Original articles

1. Addetia A, Piccoli L, Case JB, Park YJ, Beltramello M, Guarino B, Dang H, de Melo GD, Pinto D, Sprouse K, Scheaffer SM, Bassi J, Silacci-Fregni C, Muoio F, Dini M, Vincenzetti L, Acosta R, Johnson D, Subramanian S, Saliba C, Giurdanella M, Lombardo G, Leoni G, Culap K, McAlister C, Rajesh A, Dellota E, Jr., Zhou J, Farhat N, Bohan D, Noack J, Chen A, Lempp FA, Quispe J, Kergoat L, Larrous F, Camerani E, Whitener B, **Giannini O**, **Cippà P**, Ceschi A, **Ferrari P**, Franzetti-Pellanda A, Biggiogero M, Garzoni C, Zappi S, Bernasconi L, Kim MJ, Rosen LE, Schnell G, Czudnochowski N, Benigni F, Franko N, Logue JK, Yoshiyama C, Stewart C, Chu H, Bourhy H, Schmid MA, Purcell LA, Snell G, Lanzavecchia A, Diamond MS, Corti D, Veessler D. Neutralization, effector function and immune imprinting of Omicron variants. *Nature*. 2023;621:592-601. PMID [37648855](#)
2. Amendola S, Wolde Sellasie S, Pedicini F, Carlini M, Russo G, **Ossola N**, Leoncini A, Botti F, Bonanno E, **Trimboli P**, Uccioli L. Evaluation of the Performance of ACR TI-RADS Also Considering Those Nodules with No Indication of FNAC: A Single-Center Experience. *J Clin Med*. 2023;12:398. PMID [36675326](#)
3. Avery EF, Kleynhans JN, Ledergerber B, Schoepf IC, Thorball CW, Kootstra NA, Reiss P, Ryom L, Braun DL, Thurnheer MC, Marzolini C, Seneghini M, **Bernasconi E**, Cavassini M, Buvelot H, Kouyos RD, Fellay J, Günthard HF, Tarr PE. Leukocyte Count and Coronary Artery Disease Events in People With Human Immunodeficiency Virus: A Longitudinal Study. *Clin Infect Dis*. 2023;76:1969-79. PMID [36688465](#)
4. Balafas S, **Gagliano V**, Di Serio C, **Guidugli GA**, Saporito A, **Gabutti L**, **Ferrari P**. Differential impact of transfusion guidelines on blood transfusion practices within a health network. *Sci Rep*. 2023;13:6264. PMID [37069210](#)
5. Balakrishna S, Loosli T, Zaheri M, Frischknecht P, Huber M, Kusejko K, Yerly S, Leuzinger K, Perreau M, Ramette A, Wymant C, Fraser C, Kellam P, Gall A, Hirsch HH, Stoeckle M, Rauch A, Cavassini M, **Bernasconi E**, Notter J, Calmy A, Günthard HF, Metzner KJ, Kouyos RD. Frequency matters: comparison of drug resistance mutation detection by Sanger and next-generation sequencing in HIV-1. *J Antimicrob Chemother*. 2023;78:656-64. PMID [36738248](#)
6. Battaglia Y, **Bellasi A**, Esposito P, Bortoluzzi A, Rotondi S, Andreucci M, Fiorini F, Russo D, Storari A. The Impact of Cholecalciferol Supplementation on Bone Mineral Density in Long-Term Kidney Transplant Recipients. *Biomolecules*. 2023;13:629. PMID [37189376](#)
7. Bedulli M, Falvo I, **Merlani P**, Hurst S, Fadda M. Obstacles to patient inclusion in CPR/DNAR decisions and challenging conversations: A qualitative study with internal medicine physicians in Southern Switzerland. *PLoS One*. 2023;18:e0282270. PMID [36947569](#)
8. Bini F, Pica A, Marinozzi F, Giusti A, Leoncini A, **Trimboli P**. Model-Optimizing Radiofrequency Parameters of 3D Finite Element Analysis for Ablation of Benign Thyroid Nodules. *Bioengineering (Basel)*. 2023;10:1210. PMID [37892940](#)
9. Blondet F, Kraege V, Cavassini M, Damas Fernandez J, Vollenweider P, Wandeler G, Hoffman M, Calmy A, Stoeckle M, **Bernasconi E**, Hasse B, Marques-Vidal P, Méan M. Comparison of five different risk scores to predict incident type 2 diabetes in the Swiss HIV cohort study. *Aids*. 2023;37:935-9. PMID [36651826](#)
10. **Bongiovanni M**, Barilaro G, Bini F. Twelve-month clinical, functional, and radiological outcomes in patients hospitalized for SARS-CoV-2 pneumonia. *J Med Virol*. 2023;95:e28524. PMID [36695513](#)
11. **Bongiovanni M**, Zanini U, Bodini BD, Corbetta E, Bini F. Systemic consequences of COVID-19 infection in patients requiring mechanical ventilation: a 12-month prospective study. *Infection*. 2023;51:537-9. PMID [36125627](#)
12. Bottoni G, Fiz F, Puntoni M, Matteucci F, Monti M, DeCensi A, Nanni O, Brain E, Alberini JL, Dib B, Sacchetti G, **Trimboli P**, Treglia G, Harbeck N, Sola S, Gennari A, Piccardo A. Diagnostic effectiveness of [(18)F]Fluoroestradiol PET/CT in oestrogen receptor-positive breast cancer: the key role of histopathology. Evidence from an international multicentre prospective study. *Eur J Nucl Med Mol Imaging*. 2023;50:2477-85. PMID [36879065](#)
13. Calen C, Von Moos S, **Cippà P**, Mebazaa A, Arrigo M. Growth Differentiation Factor 15 and Risk of Death in Haemodialysis Patients. *Int J Nephrol*. 2023;2023:5163548. PMID [37008733](#)
14. Candeloro M, Valeriani E, Monreal M, Ageno W, Riva N, Schulman S, Bang SM, Mellado M, Díaz-Peromingo JA, Moisés J, Díaz-Brasero AM, Garcia-Pagan JC, Perez-Campuzano V, Senzolo M, **De Gottardi A**, Di Nisio M. Clinical course and treatment of incidentally detected splanchnic vein thrombosis: an individual patient data meta-analysis. *J Thromb Haemost*. 2023;21:1592-600. PMID [36907381](#)
15. Cekani E, Martorell C, Martucci F, Patella M, Cafarotti S, **Valenti A**, Freguia S, Molinari F, Froesch P, Frattini M, Stathis A, Wannesson L. Prognostic implication of PD-L1 in early-stage non-small cell lung cancer: a retrospective single-centre study. *Swiss Med Wkly*. 2023;153:40110. PMID [37769653](#)
16. Croce L, Chytiris S, Coperchini F, Ferraro G, Minelli L, Navarra A, Magri F, Chiovato L, **Trimboli P**, Rotondi M. Unexplained Hyperthyrotropinemia: A Biochemical and Clinical Challenge. *J Clin Med*. 2023;12:2934. PMID [37109270](#)
17. Deandrea M, **Piticchio T**, Mormile A, Retta F, Canale G, Caracciolo A, Daniele L, **Trimboli P**.

- Preoperative neck ultrasound combined with pathological data can significantly impact the outcome of medullary thyroid carcinoma. *Endocr J*. 2023;70:1061-7. PMID [37690841](#)
18. **Degabriel D**, Petrino R, Frau ED, Uccella L. Factors influencing patients' experience of communication with the medical team of the emergency department. *Intern Emerg Med*. 2023;18:2045-51. PMID [37142863](#)
 19. Dhayat NA, Bonny O, Roth B, Christe A, Ritter A, Mohebbi N, Faller N, **Pellegrini L**, **Bedino G**, Venzin RM, Grosse P, Hüsler C, Koneth I, Bucher C, **Del Giorno R**, **Gabutti L**, Mayr M, Odermatt U, Buchkremer F, Hernandez T, Stoermann-Chopard C, Teta D, Vogt B, Roumet M, Tamò L, Cereghetti GM, Trelle S, Fuster DG. Hydrochlorothiazide and Prevention of Kidney-Stone Recurrence. *N Engl J Med*. 2023;388:781-91. PMID [36856614](#)
 20. Disanto G, Galante A, Cantu M, Sacco R, Mele F, Eisler JJ, Keller F, **Bernasconi E**, Sallusto F, Zecca C, Gobbi C. Longitudinal Postvaccine SARS-CoV-2 Immunoglobulin G Titers, Memory B-Cell Responses, and Risk of COVID-19 in Multiple Sclerosis Over 1 Year. *Neurol Neuroimmunol Neuroinflamm*. 2023;10:e200043. PMID [36396447](#)
 21. Duc M, Mittaz Hager AG, **Zemp D**, Roulet G, Bridel A, Hilfiker R. Current practices of physiotherapists in Switzerland regarding fall risk-assessment for community-dwelling older adults: A national cross-sectional survey. *F1000Res*. 2022;11:513. PMID [38131051](#)
 22. Durante C, Hegedüs L, Na DG, Papini E, Sipos JA, Baek JH, Frasoldati A, Grani G, Grant E, Horvath E, Hoang JK, Mandel SJ, Middleton WD, Ngu R, Orloff LA, Shin JH, **Trimboli P**, Yoon JH, Tessler FN. International Expert Consensus on US Lexicon for Thyroid Nodules. *Radiology*. 2023;309:e231481. PMID [37906014](#)
 23. Gaertner J, **Fusi-Schmidhauser T**, Stock S, Siemens W, Vennedey V. Effect of opioids for breathlessness in heart failure: a systematic review and meta-analysis. *Heart*. 2023;109:1064-71. PMID [36878671](#)
 24. **Grignoli N**, Petrocchi S, Polito A, **Gagliano V**, Sallusto F, Uguccioni M, **Gabutti L**. The interplay between previous infection and mental health condition on antibody response to COVID-19 mRNA vaccination. *Brain Behav Immun Health*. 2023;33:100677. PMID [37701787](#)
 25. Hamusonde K, Nicca D, Günthard HF, Stockle M, Darling KEA, Calmy A, **Bernasconi E**, Haerry D, Schmid P, Kouyos RD, Rauch A, Salazar-Vizcaya L. Triggers of Change in Sexual Behavior Among People With HIV: The Swiss U U Statement and COVID-19 Compared. *J Infect Dis*. 2023;227:407-11. PMID [36408629](#)
 26. Hassan M, **Juanola O**, **Huber S**, Kellmann P, Zimmermann J, **Lazzarini E**, Ganai-Vonarburg SC, Gomez de Agüero M, **Moghadamrad S**. Absence of gut microbiota impairs depletion of Paneth cells but not goblet cells in germ-free Atoh1(lox/lox) VillCreER(T2) mice. *Am J Physiol Gastrointest Liver Physiol*. 2023;324:G426-g37. PMID [36942864](#)
 27. Herber E, Aeschbacher S, Coslovsky M, Schwendinger F, Hennings E, Gasser A, Di Valentino M, **Rigamonti E**, Reichlin T, Rodondi N, Netzer S, Beer JH, Stauber A, Müller A, Ammann P, Sinnecker T, Duering M, Wuerfel J, Conen D, Kühne M, Osswald S, Bonati LH. Physical activity and brain health in patients with atrial fibrillation. *Eur J Neurol*. 2023;30:567-77. PMID [36478335](#)
 28. Hitz P, Pagnamenta A, **Pertusini L**, Terrot T, Franzosi Y, Bassi J, Silacci-Fregni C, Gaia V, Martinetti G, Keller F, **Berwert L**, **Ogna VF**, **Lavorato-Hadjeres S**, **Giunzioni D**, D'Ermo A, Valnegri A, **Ferrari P**, Corti D, Ceschi A, **Cippà P**, Piccoli L, **Giannini O**. Prevalence of SARS-CoV-2 infection and impact of vaccination in dialysis patients over two years of the pandemic. *J Nephrol*. 2023;36:2665-7. PMID [37702913](#)
 29. Hofmann E, Surial B, Boillat-Blanco N, Günthard HF, Stöckle M, **Bernasconi E**, Schmid P, Calmy A, Suter-Riniker F, Rauch A, Wandeler G, Béguelin C. Hepatitis B Virus (HBV) Replication During Tenofovir Therapy Is Frequent in Human Immunodeficiency Virus/HBV Coinfection. *Clin Infect Dis*. 2023;76:730-3. PMID [36242550](#)
 30. Januel JM, Lotfinejad N, Grant R, Tschudin-Sutter S, Schreiber PW, Grandbastien B, Jent P, **Lo Priore E**, Scherrer A, Harbarth S, Catho G, Buetti N. Predictive performance of automated surveillance algorithms for intravascular catheter bloodstream infections: a systematic review and meta-analysis. *Antimicrob Resist Infect Control*. 2023;12:87. PMID [37653559](#)
 31. Jaun F, Tröster LM, Giezendanne S, Bridevaux PO, Charbonnier F, Clarenbach C, **Gianella P**, Jochmann A, Kern L, Miedinger D, Pavlov N, Rothe T, Steurer-Stey C, von Garnier C, Leuppi JD. Characteristics of Severe Asthma Patients and Predictors of Asthma Control in the Swiss Severe Asthma Registry. *Respiration*. 2023;102:863-78. PMID [37769646](#)
 32. Kohler L, Cazzaniga S, **Beltraminelli H**. Histopathological characteristics of nevi of the legs. *Int J Dermatol*. 2023;62:e37-e9. PMID [36073791](#)
 33. Labarile M, Loosli T, Zeeb M, Kusejko K, Huber M, Hirsch HH, Perreau M, Ramette A, Yerly S, Cavassini M, Battegay M, Rauch A, Calmy A, Notter J, **Bernasconi E**, Fux C, Günthard HF, Pasin C, Kouyos RD. Quantifying and Predicting Ongoing Human Immunodeficiency Virus Type 1 Transmission Dynamics in Switzerland Using a Distance-Based Clustering Approach. *J Infect Dis*. 2023;227:554-64. PMID [36433831](#)
 34. Lanzone AM, Albiero R, Boldi E, Safari D, Serafin P, Lussardi G, **Rigamonti ER**, Anselmi A. Clinical and echocardiographic outcomes after percutaneous closure of patent foramen ovale: a single center experience. *Minerva Cardiol Angiol*. 2023;71:157-64. PMID [33703865](#)
 35. Leoncini A, Deandrea M, Retta F, **Trimboli P**. Treating intra-thyroid parathyroid adenoma by radiofrequency is a valuable alternative to hemithyroidectomy. *Int J Hyperthermia*. 2023;40:2282935. PMID [38151705](#)
 36. Ludz C, Stirnimann G, Semela D, Mertens J, Kremer AE, Filipowicz Sinnreich M, Sokollik C, Bernsmeier C, Bresson-Hadni S, McLin V, Rock N, Braegger C, Posovszky C, Müller P, Cremer M, **De Gottardi A**, **Galante A**, Furlano R, Righini-Grunder F, Becker B, Böhm S, Heyland

- K, Nydegger A, Limoni C, Vergani D, Mieli-Vergani G, Di Bartolomeo C, Cerny A, Terziroli Beretta-Piccoli B. Epidemiology, clinical features and management of autoimmune hepatitis in Switzerland: a retrospective and prospective cohort study. *Swiss Med Wkly*. 2023;153:40102. PMID [37769636](#)
37. Magaz M, Giudicelli-Lett H, Nicoară-Farcău O, Rajoriya N, Goel A, Raymenants K, Hillaire S, Crespo G, Téllez L, Elkrief L, Fondevila C, Orts L, Nery F, Shukla A, Larrue H, Fundora Y, Degroote H, Aguilera V, E LL, Turco L, Indulti F, Gioia S, Tosetti G, Bitto N, Becchetti C, Alvarado E, Roig C, Diaz R, Praktiknjo M, Konicek AL, Soy G, Olivas P, Fortea JL, Masnou H, Puente Á, Ardèvol A, Álvarez-Navascués C, Romero M, Scheiner B, Semmler G, Mandorfer M, Damião F, Baiges A, Turon F, Simón-Talero M, González-Alayón C, Díaz A, García-Criado Á, **de Gottardi A**, Reverter E, Blasi A, Genescà J, Roux O, Francoz C, Noronha Ferreira C, Reiberger T, Rodríguez M, Morillas RM, Crespo J, Trebicka J, Bañares R, Villanueva C, Berzigotti A, Primignani M, La Mura V, Riggio O, Schepis F, Procopet B, Verhelst X, Calleja JL, Bureau C, Albillos A, Nevens F, Hernández-Gea V, Tripathi D, Rautou PE, Durand F, García-Pagán JC. Liver Transplantation for Porto-sinusoidal Vascular Liver Disorder: Long-term Outcome. *Transplantation*. 2023;107:1330-40. PMID [36479977](#)
38. **Marando M**, Blondon K, Darbellay Farhoumand P, Nendaz M, Grauser D, Sallet A, **Tamburello A**, **Pons M**, Righini M, **Gianella P**, Blondon M. Contemporary adequacy of thromboprophylaxis in acutely ill medical patients in Switzerland: a bi-centric prospective cohort. *Swiss Med Wkly*. 2023;153:40117. PMID [37956238](#)
39. Marzi R, Bassi J, Silacci-Fregni C, Bartha I, Muoio F, Culap K, Sprugasci N, Lombardo G, Saliba C, Cameroni E, Cassotta A, Low JS, Walls AC, McCallum M, Tortorici MA, Bowen JE, Dellota EA, Jr., Dillen JR, Czudnochowski N, **Pertusini L**, Terrot T, Lepori V, Tarkowski M, Riva A, Biggiogero M, Franzetti-Pellanda A, Garzoni C, **Ferrari P**, Ceschi A, **Giannini O**, Havenar-Daughton C, Telenti A, Arvin A, Virgin HW, Sallusto F, Veesler D, Lanzavecchia A, Corti D, Piccoli L. Maturation of SARS-CoV-2 Spike-specific memory B cells drives resilience to viral escape. *iScience*. 2023;26:105726. PMID [36507220](#)
40. Marzolini C, Cavassini M, Braun DL, Hachfeld A, **Bernasconi E**, Calmy A, Schmid P, Battagay M, **Elzi L**. Effect of SLCO1B1 c.521T>C polymorphism on the lipid response to statins in people living with HIV on a boosted protease inhibitor-containing regimen. *Br J Clin Pharmacol*. 2023;89:2739-46. PMID [37101315](#)
41. Mauri F, Cottler-Casanova S, Cavassini M, Stoeckle M, Wandeler G, Schmid P, Braun DL, Scherrer A, **Bernasconi E**, Calmy A, Abdulkadir J. Female Genital Mutilation/Cutting in the Swiss HIV Cohort Study: A Cross-Sectional Study. *J Immigr Minor Health*. 2023;25:136-41. PMID [35943681](#)
42. Maurichi A, Barretta F, Patuzzo R, Miceli R, Gallino G, Mattavelli I, Leva A, Harwood C, Bergamaschi D, Borg TM, Shimonovitz-Moore M, Spadola G, Tolomio E, Barbieri C, Queirolo P, Manganoni AM, Pellacani G, Espeli V, **Mangas C**, Leoni-Parvex S, Cossa M, Belotti A, Valeri B, Cortinovis U, Santinami M. Similar local recurrence and survival in patients with T1 radial growth phase melanoma on head and neck treated with 5 or 10mm margins: A retrospective study. *J Eur Acad Dermatol Venereol*. 2023;37:1318-26. PMID [36924058](#)
43. Meani F, Barbalace G, Meroni D, Pagani O, Perriard U, Pagnamenta A, Aliverti A, **Meroni E**. Electrical Impedance Spectroscopy for Ex-Vivo Breast Cancer Tissues Analysis. *Ann Biomed Eng*. 2023;51:1535-46. PMID [37061594](#)
44. Moretti F, **Gianini J**, Del Giorno R, **Gabutti L**. Circadian Urinary Excretion of Water, and Not Salt, Is Affected by the White Coat Effect. *J Clin Med*. 2023;12:5725. PMID [37685792](#)
45. Mugglin C, Hamusonde K, Salazar-Vizcaya L, Kusejko K, Nicca D, Haerry D, Braun DL, Stoeckle M, Kouyos R, Calmy A, Cavassini M, Cipriani M, **Bernasconi E**, Rauch A, Hachfeld A. Sexual Behaviour and STI Incidence in Sexually Active MSM Living With HIV in Times of COVID-19. *Open Forum Infect Dis*. 2023;10:ofad399. PMID [37564741](#)
46. Muri J, Cecchinato V, Cavalli A, Shanbhag AA, Matkovic M, Biggiogero M, Maida PA, Moritz J, Toscano C, Ghovehoud E, Furlan R, Barbic F, Voza A, De Nadai G, Cervia C, Zurbuchen Y, Taeschler P, Murray LA, Danelon-Sargenti G, Moro S, Gong T, Piffaretti P, Bianchini F, Crivelli V, Podešvová L, Pedotti M, Jarrossay D, Sgrignani J, Thelen S, Uhr M, **Bernasconi E**, Rauch A, Manzo A, Ciurea A, Rocchi MBL, Varani L, Moser B, Bottazzi B, Thelen M, Fallon BA, Boyman O, Mantovani A, Garzoni C, Franzetti-Pellanda A, Ugucioni M, Robbiani DF. Autoantibodies against chemokines post-SARS-CoV-2 infection correlate with disease course. *Nat Immunol*. 2023;24:604-11. PMID [36879067](#)
47. Negro F, Müllhaupt B, Semela D, Blach S, Bruggmann P, **De Gottardi A**, Dufour JF, Fraga M, **Galante A**, Razavi H, Vieira Barbosa J, Razavi-Shearer D. The current and future burden of hepatitis B in Switzerland: a modelling study. *Swiss Med Wkly*. 2023;153:40086. PMID [37410921](#)
48. Paioni P, Aebi-Popp K, Martinez de Tejada B, Rudin C, **Bernasconi E**, Braun DL, Kouyos R, Wagner N, Crisinel PA, Güsewell S, Darling KEA, Duppenhaler A, Baumann M, Polli C, Fischer T, Kahlert CR. Viral suppression and retention in HIV care during the postpartum period among women living with HIV: a longitudinal multicenter cohort study. *Lancet Reg Health Eur*. 2023;31:100656. PMID [37303945](#)
49. Pantet O, Combescure C, Ltaief Z, Mazzolai L, Jeanneret S, Manzocchi-Besson S, **Stricker H**, Cereghetti S, Pugin J, Calmy A, Marti C, Robert-Ebadi H, Fontana P, Righini M, Casini A, Blondon M. Effect of therapeutic anticoagulation on gas exchange in mechanically ventilated COVID-19 patients: A secondary analysis of the COVID-HEP trial. *Thromb Res*. 2023;224:13-6. PMID [36801649](#)
50. Piccardo A, Fiz F, Bottoni G, Massollo M, Puntoni M, Catrambone U, Foppiani L, Bertagna F, Albano

- D, **Trimboli P**. The FDG Pattern of Autonomously Functioning Thyroid Nodules Correlates With Thyroid-Stimulating Hormone and Histopathology. *Clin Nucl Med*. 2023;48:119-25. PMID [36260757](#)
51. **Piccinini D, Bernasconi E, Carelli M, Luvini G, Di Benedetto C**, Lucchini GM, **Barda B, Bongiovanni M**. Parvimonas micra a new potential pathogen in hospitalized patients: a case series from 2015-2022. *Eur J Clin Microbiol Infect Dis*. 2023;42:903-6. PMID [37133638](#)
 52. **Piccinini D, Bernasconi E, Di Benedetto C**, Martinetti Lucchini G, **Bongiovanni M**. Enterococcus hirae infections in the clinical practice. *Infect Dis (Lond)*. 2023;55:71-3. PMID [36121841](#)
 53. Piticchio T, Frasca F, Malandrino P, **Trimboli P**, Carrubba N, Tumminia A, Vinciguerra F, Frittitta L. Effect of gluten-free diet on autoimmune thyroiditis progression in patients with no symptoms or histology of celiac disease: a meta-analysis. *Front Endocrinol (Lausanne)*. 2023;14:1200372. PMID [37554764](#)
 54. Piticchio T, Frasca F, **Trimboli P**. Prevalence and significance of indeterminate calcitonin values in patients with thyroid nodules: A systematic review and meta-analysis. *Rev Endocr Metab Disord*. 2023;24:685-94. PMID [37254023](#)
 55. Pohle S, Guler SA, Hostettler KE, Clarenbach C, Fellrath JM, Azzola A, Adler D, Scholtze D, Pavlov N, Ulrich S, **Györik S**, Schoch OD, Baty F, Funke-Chambour M, Brutsche M. Swiss Hypersensitivity Pneumonitis Exposure Questionnaire: A Regionally Adapted and Easy-To-Use Aide for Patients and Clinicians. *Respiration*. 2023;102:465-8. PMID [37088078](#)
 56. **Ponti L, Gabutti L, Faré PB**, Janett S, Bianchetti MG, Schulz PJ, Lava SAG, Agostoni C, Milani GP. Vitamin D Supply of Multivitamins Commercialized Online by Amazon in Western and Southern Europe: A Labeling Analysis. *Nutrients*. 2023;15:326. PMID [36678197](#)
 57. Radovanovic D, Muggli F, Bianchetti M, **Gallino A**, Parati G, Suter PM, Schoenenberger-Berzins R, Erne P, Schoenenberger AW. Comparison of office, home and ambulatory blood pressure measurements in hypertensive and suspected hypertensive SWICOS participants. *Blood Press*. 2023;32:2234496. PMID [37452435](#)
 58. Rovó A, Gavillet M, Drexler B, Keller P, Schneider JS, Colucci G, Beauverd Y, van Dorland HA, Pollak M, Schmidt A, **De Gottardi A**, Bissig M, Lehmann T, Duchosal MA, Zeerleder S. Swiss Survey on current practices and opinions on clinical constellations triggering the search for PNH clones. *Front Med (Lausanne)*. 2023;10:1200431. PMID [37564039](#)
 59. **Ruberti A**, Kremer Hovinga JA, **Nappi F**, Vettese A, Bianchi E, Fernandes E, Galfetti E, **Monotti R, Paul P, Regazzoni S**, Valente D, Rossi D, Stussi G, Gerber B. Acquired haemophilia A in southern Switzerland from 2013 to 2019: a case series. *Swiss Med Wkly*. 2023;153:40048. PMID [37021783](#)
 60. Saporito A, La Regina D, Perren A, **Gabutti L**, Anselmi L, Cafarotti S, Mongelli F. Contribution margin per hour of operating room to reallocate unutilized operating room time: a cost-effectiveness analysis. *Braz J Anesthesiol*. 2023;73:243-9. PMID [33930345](#)
 61. Sasaki H, Hirose T, Oura T, Otsuka R, Rosales I, Ma D, Lassiter G, Karadagi A, Tomosugi T, Dehnadi A, Matsunami M, Raju Paul S, Reeves PM, Hanekamp I, Schwartz S, Colvin RB, Lee H, Spitzer TR, Cosimi AB, **Cippà PE**, Fehr T, Kawai T. Selective Bcl-2 inhibition promotes hematopoietic chimerism and allograft tolerance without myelosuppression in nonhuman primates. *Sci Transl Med*. 2023;15:eadd5318. PMID [37018417](#)
 62. Schoepf IC, Esteban-Cantos A, Thorball CW, Rodés B, Reiss P, Rodríguez-Centeno J, Riebensahm C, Braun DL, Marzolini C, Seneghini M, **Bernasconi E**, Cavassini M, Buvelot H, Thurnheer MC, Kouyos RD, Fellay J, Günthard HF, Arribas JR, Ledergerber B, Tarr PE. Epigenetic ageing accelerates before antiretroviral therapy and decelerates after viral suppression in people with HIV in Switzerland: a longitudinal study over 17 years. *Lancet Healthy Longev*. 2023;4:e211-e8. PMID [37148893](#)
 63. Schwenke JM, Thorball CW, Schoepf IC, Ryom L, Hasse B, Lamy O, Calmy A, Wandeler G, Marzolini C, Kahlert CR, **Bernasconi E**, Kouyos RD, Günthard HF, Ledergerber B, Fellay J, Burkhalter F, Tarr PE. Association of a Polygenic Risk Score With Osteoporosis in People Living With HIV: The Swiss HIV Cohort Study. *J Infect Dis*. 2023;228:742-50. PMID [37225667](#)
 64. Spadaccini M, Hassan C, Rondonotti E, Antonelli G, Andrisani G, **Lollo G**, Auriemma F, Iacopini F, Facciorusso A, Maselli R, Fugazza A, Bambina Bergna IM, Cereatti F, Mangiavillano B, Radaelli F, Di Matteo F, Gross SA, Sharma P, Mori Y, Bretthauer M, Rex DK, Repici A. Combination of Mucosa-Exposure Device and Computer-Aided Detection for Adenoma Detection During Colonoscopy: A Randomized Trial. *Gastroenterology*. 2023;165:244-51.e3. PMID [37061169](#)
 65. Surial B, Chammartin F, Damas J, Calmy A, Haerry D, Stöckle M, Schmid P, **Bernasconi E**, Fux CA, Tarr PE, Günthard HF, Wandeler G, Rauch A. Impact of Integrase Inhibitors on Cardiovascular Disease Events in People With Human Immunodeficiency Virus Starting Antiretroviral Therapy. *Clin Infect Dis*. 2023;77:729-37. PMID [37157869](#)
 66. Titz A, Mayer L, Appenzeller P, Müller J, Schneider SR, Tamm M, Darie AM, Guler SA, Aubert JD, Lador F, **Stricker H**, Fellrath JM, Pohle S, Lichtblau M, Ulrich S. Long-term outcome of patients with combined post- and pre-capillary pulmonary hypertension. *Eur Heart J Open*. 2023;3:oead069. PMID [37528902](#)
 67. Touilloux B, Bongard C, Lechartier B, Truong MK, Marques-Vidal P, Vollenweider P, Vaucher J, **Casutt A**, von Garnier C. Prevalence of small airway dysfunction in the Swiss PneumoLaus Cohort. *ERJ Open Res*. 2023;9PMID [37701366](#)
 68. Touilloux B, Papadimitriou-Olivgeris M, Bongard C, Mansouri N, Ioakeim F, Manuel O, Koutsokera A, Aubert JD, **Casutt A**. Impact of COVID-19 on long-term lung function in lung transplant recipients: A single-center retrospective cohort study. *Transpl Infect Dis*. 2023;25:e14151. PMID [37746723](#)

69. Treglia G, Martinello C, Dondi F, Albano D, Bertagna F, Rizzo A, Delgado Bolton RC, **Tersalvi G**, Muoio B, Riegger M, Cecchin D. Prevalence of Incidental Findings Suspicious for Transthyretin Cardiac Amyloidosis among Patients Undergoing Bone Scintigraphy: A Systematic Review and a Meta-Analysis. *J Clin Med*. 2023;12:5698. PMID [37685765](#)
70. **Trimboli P**, **Ossola N**, Torre A, Mongelli F, **Quarenghi M**, **Camponovo C**, **Lucchini B**, Rotondi M, Ruinelli L, Garofalo F. The performance of levothyroxine tablet is impaired by bariatric surgery. *Endocrine*. 2023;80:563-9. PMID [36581744](#)
71. Van Singer M, Brahier T, Koch J, Hugli PO, Weckman AM, Zhong K, Kain TJ, Leligdowicz A, **Bernasconi E**, Ceschi A, Parolari S, Vuichard-Gysin D, Kain KC, Albrich WC, Boillat-Blanco N. Validation of sTREM-1 and IL-6 based algorithms for outcome prediction of COVID-19. *BMC Infect Dis*. 2023;23:630. PMID [37752433](#)
72. Zeeb M, Tepekule B, Kusejko K, Reiber C, Kälin M, Bartl L, Notter J, Furrer H, Hoffmann M, Hirsch HH, Calmy A, Cavassini M, Labhardt ND, **Bernasconi E**, Braun DL, Günthard HF, Kouyos RD, Nemeth J. Understanding the Decline of Incident, Active Tuberculosis in People With Human Immunodeficiency Virus in Switzerland. *Clin Infect Dis*. 2023;77:1303-11. PMID [37257071](#)

Reviews

73. Baptista Peixoto Befecadu F, Stirnemann J, Guerreiro I, **Fusi-Schmidhauser T**, Jaksic C, Larkin PJ, da Rocha Rodrigues G, Pautex S. PANDORA dyadic project: hope, spiritual well-being and quality of life of dyads of patients with chronic obstructive pulmonary disease in Switzerland - a multicentre longitudinal mixed-methods protocol study. *BMJ Open*. 2023;13:e068340. PMID [37173103](#)
74. **Beltraminelli H**. Cutaneous T-cell lymphoma-Focus on some problems, and some solutions. *Hematol Oncol*. 2023;41 Suppl 1:20-4. PMID [37294972](#)
75. Bischof MCM, Stadelmann MIE, **Janett S**, Bianchetti MG, Camozzi P, Goeggel Simonetti B, Lava SAG, Milani GP. Valproic Acid-Associated Acute Pancreatitis: Systematic Literature Review. *J Clin Med*. 2023;12:6044. PMID [37762984](#)
76. **Bongiovanni M**, **Barda B**. Pseudomonas aeruginosa Bloodstream Infections in SARS-CoV-2 Infected Patients: A Systematic Review. *J Clin Med*. 2023;12:2252. PMID [36983256](#)
77. **Casutt A**, Lamoth F, Lortholary O, Prior JO, Tonglet A, Manuel O, Bergeron A, Beigelman-Aubry C. Atypical imaging patterns during lung invasive mould diseases: lessons for clinicians. *Eur Respir Rev*. 2023;32:230086. PMID [37758271](#)
78. **Cippà PE**, McMahon AP. Proximal tubule responses to injury: interrogation by single-cell transcriptomics. *Curr Opin Nephrol Hypertens*. 2023;32:352-8. PMID [37074682](#)
79. Di Lullo L, Lavalle C, Scatena A, Mariani MV, Ronco C, **Bellasi A**. Finerenone: Questions and Answers-The Four Fundamental Arguments on the New-Born Promising Non-Steroidal Mineralocorticoid Receptor Antagonist. *J Clin Med*. 2023;12:3992. PMID [37373685](#)
80. Fischer FB, Bigler M, Mäusezahl D, Hattendorf J, Egli A, Julian TR, Rölli F, Gaia V, Wymann M, Fridez F, Bertschi S, SwissLEGIO Hospital Network (**Bernasconi E**, Petrino R, Uccella L). Legionnaires' disease in Switzerland: rationale and study protocol of a prospective national case-control and molecular source attribution study (SwissLEGIO). *Infection*. 2023;51:1467-79. PMID [36905400](#)
81. Fiz F, Bottoni G, Massollo M, **Trimboli P**, Catrambone U, Bacigalupo L, Righi S, Treglia G, Imperiale A, Piccardo A. [18F]F-Choline PET/CT and 4D-CT in the evaluation of primary hyperparathyroidism: rivals or allies? *Q J Nucl Med Mol Imaging*. 2023;67:130-7. PMID [37232932](#)
82. **Gamarra E**, Retta F, Lucatello B, Ragazzoni F, **Camponovo C**, Deandrea M, **Trimboli P**. Continuous subcutaneous rhPTH infusion for managing difficult chronic hypoparathyroidism. A systematic review. *Endocrine*. 2023;81:194-205. PMID [37017857](#)
83. **Gamarra E**, **Trimboli P**. Menstrual Cycle, Glucose Control and Insulin Sensitivity in Type 1 Diabetes: A Systematic Review. *J Pers Med*. 2023;13:374. PMID [36836608](#)
84. Gastaldi G, **Lucchini B**, Thalmann S, Alder S, Laimer M, Brändle M, Wiesli P, Lehmann R. Swiss recommendations of the Society for Endocrinology and Diabetes (SGED/SSED) for the treatment of type 2 diabetes mellitus (2023). *Swiss Med Wkly*. 2023;153:40060. PMID [37011604](#)
85. Graff V, **Gabutti L**, Treglia G, Pascale M, Anselmi L, Cafarotti S, La Regina D, Mongelli F, Saporito A. Perioperative costs of local or regional anesthesia versus general anesthesia in the outpatient setting: a systematic review of recent literature. *Braz J Anesthesiol*. 2023;73:316-39. PMID [34627828](#)
86. Hodak E, Geskin L, Guenova E, Ortiz-Romero PL, Willemze R, Zheng J, Cowan R, Foss F, **Mangas C**, Querfeld C. Real-Life Barriers to Diagnosis of Early Mycosis Fungoides: An International Expert Panel Discussion. *Am J Clin Dermatol*. 2023;24:5-14. PMID [36399227](#)
87. Kirundi J, **Moghadamrad S**, Urbaniak C. Microbiome-liver crosstalk: A multihit therapeutic target for liver disease. *World J Gastroenterol*. 2023;29:1651-68. PMID [37077519](#)
88. Lavalle C, Di Lullo L, Jabbour JP, Palombi M, Trivigno S, Mariani MV, Summaria F, Severino P, Badagliacca R, Miraldi F, **Bellasi A**, Vizza CD. New Challenges in Heart Failure with Reduced Ejection Fraction: Managing Worsening Events. *J Clin Med*. 2023;12:6956. PMID [38002571](#)
89. Leuppi JD, Bridevaux PO, Charbonnier F, Clarenbach CF, Duchna HW, Fellrath JM, **Gianella P**, Jochmann A, Kern L, Pavlov N, Rothe T, Steurer-Stey C, von Garnier C. COPD - An Underestimated Disease. *Praxis (Bern 1994)*. 2023;112:403-12. COPD - eine unterschätzte Erkrankung. PMID [37282526](#)
90. Leuppi JD, Bridevaux PO, Charbonnier F, Clarenbach CF, Duchna HW, Fellrath JM, **Gianella P**, Jochmann A, Kern L, Pavlov N, Rothe T, Steurer-Stey C, Von Garnier C. [COPD : a still neglected condition]. *Rev Med Suisse*. 2023;19:1627-33. BPCO : une maladie encore négligée. PMID [37671764](#)

91. **Piarulli P**, Vizzardi V, Alberici F, **Riva H**, **Aramini M**, Regusci L, **Cippà P**, **Bellasi A**. Peritoneal dialysis discontinuation: to the root of the problem. *J Nephrol*. 2023;36:1763-76. PMID [37747660](#)
92. Regoli FD, Cattaneo M, **Kola F**, **Thartori A**, **Bytyci H**, **Saccarello L**, Amoruso M, Di Valentino M, Menafoglio A. Management of hemodynamically stable wide QRS complex tachycardia in patients with implantable cardioverter defibrillators. *Front Cardiovasc Med*. 2022;9:1011619. PMID [36684577](#)
93. Rothe T, von Garnier C, Bridevaux PO, Charbonnier F, Clarenbach C, **Gianella P**, Jochmann A, Kern L, Nikolay P, Steurer-Stey C, Leuppi JD. The clinical features of asthma exacerbations in early-onset and eosinophilic late-onset asthma may differ significantly. *Respir Med*. 2023;206:107067. PMID [36563609](#)
94. **Tersalvi G**, **Beltrani V**, Grüber MR, **Molteni A**, Cristoforetti Y, Pedrazzini G, Treglia G, Biasco L. Positron Emission Tomography in Heart Failure: From Pathophysiology to Clinical Application. *J Cardiovasc Dev Dis*. 2023;10PMID [37233187](#)
95. **Tersalvi G**, Gaiero L, Capriolo M, Cristoforetti Y, Salizzoni S, Senatore G, **Pedrazzini G**, Biasco L. Sex Differences in Epidemiology, Morphology, Mechanisms, and Treatment of Mitral Valve Regurgitation. *Medicina (Kaunas)*. 2023;59:1017. PMID [37374220](#)
96. **Trimboli P**, Mian C, Piccardo A, Treglia G. Diagnostic tests for medullary thyroid carcinoma: an umbrella review. *Endocrine*. 2023;81:183-93. PMID [36877452](#)
97. Wiegand N, Geyer M, **Lollo G**, Willemin WA, Aepli P, Frei R, Godat S, Manz M, Seewald S, The FO, Wiest R, Borovicka J, Brand S, Buyse S, Degen L, Ehmann T, Riniker F, Riva D, Semela D, Truninger K, Utzinger E, Vonlaufen A. Antithrombotic therapy and assessment for bleeding diathesis in elective gastrointestinal endoscopy - Expert Opinion Statement on behalf of the Swiss Society of Gastroenterology. *Praxis (Bern 1994)*. 2023;112:635-41. PMID [38193471](#)

Case reports

103. **Bongiovanni M**, **Barda B**, **Benedetto CD**, **Piccinini D**, **Bernasconi E**. Worm globalization. *Acta Trop*. 2023;244:106941. PMID [37169218](#)
104. **Bongiovanni M**, **Piccinini D**, Aschwanden FJ, **Bernasconi E**. Red herrings in monkeypox. *J Infect*. 2023;86:66-117. PMID [36273643](#)
105. **Chiardi I**, Rotondi M, Cantù M, Keller F, **Trimboli P**. Macro-TSH: An Uncommon Explanation for Persistent TSH Elevation That Thyroidologists Have to Keep in Mind. *J Pers Med*. 2023;13:1471. PMID [37888082](#)
106. **Demurtas S**, Pareti E, Madanchi M. Ignatzschineria larvae Bacteremia in a Patient With Chronic Leg Ulcer: A Case Report and Review of the Literature. *Cureus*. 2023;15:e36612. PMID [37102037](#)
107. Guidobaldi L, Cafiero C, D'Amato G, Dell'Aquila M, **Trimboli P**, Palmirota R, Pisconti S. Primary Thyroid Lymphoma: How Molecular Biology and Ancillary Techniques Can Help the Cytopathologist Overcome This Diagnostic Challenge. *J Pers Med*. 2023;13:1203. PMID [37623454](#)
108. **Piccinini D**, **Bernasconi E**, Lucchini GM, **Benedetto CD**, Colombo G, **Bongiovanni M**. A case of spondylodiscitis by Ureaplasma urealyticum in an immunocompetent adult with spine stabilization. *Int J Infect Dis*. 2023;131:127-9. PMID [36958433](#)
109. **Quarenghi M**, **Giana A**, Turri Quarenghi R, Volonté F. Sleeve gastrectomy is feasible in obese patients with phenylketonuria: A case report and literature review. *Int J Surg Case Rep*. 2023;109:108458. PMID [37437324](#)

Editorials or letters or comments

98. Aubert C, **Gabutti L**, Genné D, Reny JL. Smarter Medicine : donnons-nous les moyens avec les bons soutiens! *Rev Med Suisse*. 2023;19:1963-4. PMID [37878094](#)
99. **Bongiovanni M**, **Barda B**, Lucchini GM, Gaia V, Merlani G, **Bernasconi E**. Invasive Listeriosis in Southern Switzerland: A Local Problem That Is Actually Global. *Clin Infect Dis*. 2023;77:161-2. PMID [36999921](#)
100. **Cippà PE**, Mueller TF. A First Step Toward a Cross-tissue Atlas of Immune Cells in Humans. *Transplantation*. 2023;107:8-9. PMID [36508643](#)
101. **Guerini Giusteri V**, Caputo ML, Baldi E, Auricchio A, Savastano S. Effect of COVID-19 on out-of-hospital cardiac arrest survival: No light at the end of the tunnel yet. *Resuscitation*. 2023;191:109957. PMID [37661015](#)
102. Scappaticcio L, Ansori ANM, **Trimboli P**. Editorial: Cancer-related hypercalcemia and potential treatments. *Front Endocrinol (Lausanne)*. 2023;14:1281731. PMID [37780626](#)

Department of Surgery EOC

Publications are listed in alphabetical order for each section: original articles (including meta-analyses, surveys, research letters, consensus and delphi-based consensus paper); reviews (including systematic reviews without meta-analyses, protocols); editorials or letters or comments; case reports. EOC authors affiliated with the Institute/Department are highlighted in bold.

Original articles

1. **Albanese J, Feltri P**, Boffa A, Werner BC, Traina F, **Filardo G**. Infection Risk Increases After Total Hip Arthroplasty Within 3 Months Following Intra-Articular Corticosteroid Injection. A Meta-Analysis on Knee and Hip Arthroplasty. *J Arthroplasty*. 2023;38:1184-93.e2. PMID [36592824](#)
2. **Arrigoni C**, Ostano P, **Bersini S**, **Crippa M**, **Colombo MV**, Gilardi M, Zagra L, Mello-Grand M, Gregnanin I, Ghilardi C, Bani MR, **Candrian C**, Chiorino G, **Moretti M**. Differential angiogenesis of bone and muscle endothelium in aging and inflammatory processes. *Commun Biol*. 2023;6:126. PMID [36721025](#)
3. Balzano E, **Bernardi L**, **Roesel R**, Vagelli F, Ghinolfi D, Tincani G, Catalano G, Melandro F, **Petrusic A**, **Popeskou SG**, **Christoforidis D**, **Majno-Hurst P**, De Simone P, **Cristaudi A**. Robotic versus laparoscopic liver resections: propensity-matched comparison of two-center experience. *Surg Endosc*. 2023;37:8123-32. PMID [37721588](#)
4. Bancaro N, Cali B, Troiani M, Elia AR, Arzola RA, Attanasio G, Lai P, Crespo M, Gurel B, Pereira R, Guo C, Mosole S, Brina D, D'Ambrosio M, Pasquini E, Spataro C, Zagato E, Rinaldi A, Pedotti M, Di Lascio S, Meani F, Montopoli M, **Ferrari M**, **Gallina A**, Varani L, Pereira Mestre R, Bolis M, Gillessen Sommer S, de Bono J, Calcinotto A, Alimonti A. Apolipoprotein E induces pathogenic senescent-like myeloid cells in prostate cancer. *Cancer Cell*. 2023;41:602-19.e11. PMID [36868226](#)
5. **Bensa A**, **Sangiorgio A**, **Deabate L**, Illuminati A, **Pompa B**, **Filardo G**. Robotic-assisted mechanically aligned total knee arthroplasty does not lead to better clinical and radiological outcomes when compared to conventional TKA: a systematic review and meta-analysis of randomized controlled trials. *Knee Surg Sports Traumatol Arthrosc*. 2023;31:4680-91. PMID [37270464](#)
6. Brambilla S, Guiotto M, Torretta E, Armenia I, **Moretti M**, Gelfi C, Palombella S, di Summa PG. Human platelet lysate stimulates neurotrophic properties of human adipose-derived stem cells better than Schwann cell-like cells. *Stem Cell Res Ther*. 2023;14:179. PMID [37480149](#)
7. Bravi CA, Gandaglia G, Mazzone E, **Fossati N**, **Gallina A**, Stabile A, Scuderi S, Barletta F, Nocera L, Rosiello G, Martini A, Pellegrino F, Cucchiara V, Dehò F, Capitanio U, Scattoni V, Salonia A, Briganti A, Montorsi F. Impact of Early Dorsal Venous Complex Ligation on Urinary Continence Recovery after Robot-assisted Radical Prostatectomy: Results from a Phase 3 Randomized Controlled Trial. *Eur Urol Focus*. 2023;9:83-8. PMID [36154808](#)
8. Canale FP, Neumann J, von Renesse J, Loggi E, Pecoraro M, Vogel I, Zoppi G, Antonini G, Wolf T, Jin W, Zheng X, La Barba G, Birgin E, Forkel M, Nilsson T, Marone R, Mueller H, Pelletier N, Jeker LT, Civenni G, Schlapbach C, Catapano CV, Seifert L, Seifert AM, Gillessen S, De Dosso S, **Cristaudi A**, Rahbari NN, Ercolani G, Geiger R. Proteomics of immune cells from liver tumors reveals immunotherapy targets. *Cell Genom*. 2023;3:100331. PMID [37388918](#)
9. Cekani E, Martorell C, Martucci F, **Patella M**, **Cafarotti S**, Valenti A, Freguia S, Molinari F, Froesch P, Frattini M, Stathis A, Wannesson L. Prognostic implication of PD-L1 in early-stage non-small cell lung cancer: a retrospective single-centre study. *Swiss Med Wkly*. 2023;153:40110. PMID [37769653](#)
10. Cignoli D, Basile G, Fallara G, Rosiello G, Belladelli F, Cei F, Musso G, Re C, Bertini R, Karakiewicz P, Mottrie A, Dehò F, **Gallina A**, Montorsi F, Salonia A, Capitanio U, Larcher A. Risks and benefits of partial nephrectomy performed with limited or with zero ischaemia time. *BJU Int*. 2023;132:283-90. PMID [36932928](#)
11. Compagnoni R, Lesman J, Minoli C, Ferrua P, **Mondini Trissino da Lodi C**, Domzalski M, Menon A, Randelli PS. Bone marrow lesions in the knee are associated with meniscal lesions and cartilage pathologies according to the six-letter system. *Knee Surg Sports Traumatol Arthrosc*. 2023;31:286-91. PMID [35994077](#)
12. Condello V, Beauflis P, Becker R, Ahmad SS, Bonomo M, Dejour D, Eriksson K, **Filardo G**, Feucht MJ, Grassi A, Wilson A, Menetrey J, Pujol N, Rathcke M, Seil R, Strauss MJ, Tischer T. Management of anterior cruciate ligament revision in adults: the 2022 ESSKA consensus: part II-surgical strategy. *Knee Surg Sports Traumatol Arthrosc*. 2023;31:4652-61. PMID [37700168](#)
13. De Marziani L, Boffa A, Di Martino A, Andriolo L, Reale D, Bernasconi A, Corbo VR, de Caro F, **Delcogliano M**, di Laura Frattura G, Di Vico G, Manunta AF, Russo A, **Filardo G**. The reimbursement system can influence the treatment choice and favor joint replacement versus other less invasive solutions in patients affected by osteoarthritis. *J Exp Orthop*. 2023;10:146. PMID [38135778](#)
14. **De Pellegrin L**, **Feltri P**, **Filardo G**, **Candrian C**, **Harder Y**, **Galetti K**, **De Monti M**. Effects of negative pressure wound therapy with instillation and dwell time (NPWTi-d) versus NPWT or standard of care in orthoplastic surgery: A systematic review and meta-analysis. *Int Wound J*. 2023;20:2402-13. PMID [36594491](#)
15. Eckharter C, Heeren N, **Mongelli F**, Sykora M, Mühlhüsser J, Lottenbach N, Scheiwiller A, Metzger J, Gass JM. Partial staple line reinforcement with synthetic buttressing material in laparoscopic sleeve gastrectomy: a propensity score-matched analysis. *Langenbecks Arch Surg*. 2023;408:47. PMID [36662323](#)
16. **Feltri P**, **Gonalba GC**, Boffa A, **Candrian C**, Menon A, Randelli PS, **Filardo G**. Platelet-rich plasma does not improve clinical results in patients with rotator cuff disorders but reduces the retear rate. A systematic review and meta-

- analysis. *Knee Surg Sports Traumatol Arthrosc.* 2023;31:1940-52. PMID [36496450](#)
17. **Feltri P, Monteleone AS, Marbach F, Filardo G, Candrian C.** Arthroscopic rotator cuff repair: patients with physically demanding work have significantly worse time to return to work, level of employment, and job loss. *Knee Surg Sports Traumatol Arthrosc.* 2023;31:153-60. PMID [36163511](#)
 18. **Feltri P, Solaro L, Errani C, Schiavon G, Candrian C, Filardo G.** Vascularized fibular grafts for the treatment of long bone defects: pros and cons. A systematic review and meta-analysis. *Arch Orthop Trauma Surg.* 2023;143:29-48. PMID [34110477](#)
 19. Gallo M, **van den Berg JC**, Torre T, Riggi M, Demertzis S, Ferrari E. Long-Term Outcomes and Risk Factors Analysis for Patients Undergoing Thoracic Endovascular Aorta Repair (TEVAR), According to the Aortic Pathologies. *Ann Vasc Surg.* 2023;94:362-8. PMID [36907507](#)
 20. Gillessen S, Bossi A, Davis ID, de Bono J, Fizazi K, James ND, Mottet N, Shore N, Small E, Smith M, Sweeney CJ, Tombal B, Antonarakis ES, Aparicio AM, Armstrong AJ, Attard G, Beer TM, Beltran H, Bjartell A, Blanchard P, Briganti A, Bristow RG, Bulbul M, Caffo O, Castellano D, Castro E, Cheng HH, Chi KN, Chowdhury S, Clarke CS, Clarke N, Daugaard G, De Santis M, Duran I, Eeles R, Efstathiou E, Efstathiou J, Ekeke ON, Evans CP, Fanti S, Feng FY, Fonteyne V, **Fossati N**, Frydenberg M, George D, Gleave M, Gravis G, Halabi S, Heinrich D, Herrmann K, Higano C, Hofman MS, Horvath LG, Hussain M, Jereczek-Fossa BA, Jones R, Kanesvaran R, Kellokumpu-Lehtinen PL, Khauli RB, Klotz L, Kramer G, Leibowitz R, Logothetis C, Mahal B, Maluf F, Mateo J, Matheson D, Mehra N, Merseburger A, Morgans AK, Morris MJ, Mrabti H, Mukherji D, Murphy DG, Murthy V, Nguyen PL, Oh WK, Ost P, O'Sullivan JM, Padhani AR, Pezaro C, Poon DMC, Pritchard CC, Rabah DM, Rathkopf D, Reiter RE, Rubin MA, Ryan CJ, Saad F, Sade JP, Sartor O, Scher HI, Sharifi N, Skoneczna I, Soule H, Spratt DE, Srinivas S, Sternberg CN, Steuber T, Suzuki H, Sydes MR, Taplin ME, Tilki D, Türkeri L, Turco F, Uemura H, Uemura H, Ürün Y, Vale CL, van Oort I, Vapiwala N, Walz J, Yamoah K, Ye D, Yu EY, Zapatero A, Zilli T, Omlin A. Management of patients with advanced prostate cancer-metastatic and/or castration-resistant prostate cancer: Report of the Advanced Prostate Cancer Consensus Conference (APCCC) 2022. *Eur J Cancer.* 2023;185:178-215. PMID [37003085](#)
 21. Gillessen S, Bossi A, Davis ID, de Bono J, Fizazi K, James ND, Mottet N, Shore N, Small E, Smith M, Sweeney C, Tombal B, Antonarakis ES, Aparicio AM, Armstrong AJ, Attard G, Beer TM, Beltran H, Bjartell A, Blanchard P, Briganti A, Bristow RG, Bulbul M, Caffo O, Castellano D, Castro E, Cheng HH, Chi KN, Chowdhury S, Clarke CS, Clarke N, Daugaard G, De Santis M, Duran I, Eeles R, Efstathiou E, Efstathiou J, Ngozi Ekeke O, Evans CP, Fanti S, Feng FY, Fonteyne V, **Fossati N**, Frydenberg M, George D, Gleave M, Gravis G, Halabi S, Heinrich D, Herrmann K, Higano C, Hofman MS, Horvath LG, Hussain M, Jereczek-Fossa BA, Jones R, Kanesvaran R, Kellokumpu-Lehtinen PL, Khauli RB, Klotz L, Kramer G, Leibowitz R, Logothetis C, Mahal B, Maluf F, Mateo J, Matheson D, Mehra N, Merseburger A, Morgans AK, Morris MJ, Mrabti H, Mukherji D, Murphy DG, Murthy V, Nguyen PL, Oh WK, Ost P, O'Sullivan JM, Padhani AR, Pezaro C, Poon DMC, Pritchard CC, Rabah DM, Rathkopf D, Reiter RE, Rubin MA, Ryan CJ, Saad F, Sade JP, Sartor O, Scher HI, Sharifi N, Skoneczna I, Soule H, Spratt DE, Srinivas S, Sternberg CN, Steuber T, Suzuki H, Sydes MR, Taplin ME, Tilki D, Türkeri L, Turco F, Uemura H, Uemura H, Ürün Y, Vale CL, van Oort I, Vapiwala N, Walz J, Yamoah K, Ye D, Yu EY, Zapatero A, Zilli T, Omlin A. Management of Patients with Advanced Prostate Cancer. Part I: Intermediate-/High-risk and Locally Advanced Disease, Biochemical Relapse, and Side Effects of Hormonal Treatment: Report of the Advanced Prostate Cancer Consensus Conference 2022. *Eur Urol.* 2023;83:267-93. PMID [36494221](#)
 22. Guidi M, Bufalini C, Guzzini M, Koverech G, Cenci G, **Lucchina S**, Kim BS, Calcagni M, Perugia D. Distraction Arthroplasty for Basal Thumb Osteoarthritis: 10-Year Follow-Up. *J Hand Surg Am.* 2023;48:796-802. PMID [35718582](#)
 23. Guidi M, Guzzini M, Civitenga C, Lanzetti RM, Kim BS, Besmens IS, **Riegger M, Lucchina S**, Calcagni M, Perugia D. Multifactorial Analysis of Treatment of Long-Bone Nonunion with Vascularized and Nonvascularized Bone Grafts. *J Hand Microsurg.* 2023;15:106-15. PMID [37020609](#)
 24. Jungblut L, Etienne H, Zellweger C, Matter A, **Patella M**, Frauenfelder T, Opitz I. Swiss Pilot Low-Dose CT Lung Cancer Screening Study: First Baseline Screening Results. *J Clin Med.* 2023;12:5771. PMID [37762713](#)
 25. Korpershoek JV, Vonk LA, **Filardo G**, Kester EC, van Egmond N, Saris DBF, Custers RJH. Effect of Autologous Conditioned Plasma Injections in Patients With Knee Osteoarthritis. *Orthop J Sports Med.* 2023;11:23259671231184848. PMID [37529531](#)
 26. **La Regina D, Popeskou SG**, Saporito A, **Gaffuri P**, Tasciotti E, Dossi R, **Christoforidis D, Mongelli F.** Laparoscopic versus ultrasound-guided transversus abdominis plane block in colorectal surgery: a non-inferiority, multicentric randomized double-blinded clinical trial. *Colorectal Dis.* 2023;25:1921-8. PMID [37525414](#)
 27. Lattanzi G, Strati F, Díaz-Basabe A, Perillo F, Amoroso C, Protti G, Rita Giuffrè M, Iachini L, Baeri A, Baldari L, Cassinotti E, Ghidini M, Galassi B, Lopez G, Noviello D, Porretti L, Trombetta E, Messuti E, Mazzarella L, **Iezzi G**, Nicassio F, Granucci F, Vecchi M, Caprioli F, Facciotti F. iNKT cell-neutrophil crosstalk promotes colorectal cancer pathogenesis. *Mucosal Immunol.* 2023;16:326-40. PMID [37004750](#)
 28. Longo UG, Silva S, Perdisa F, Salvatore G, **Filardo G**, Berton A, Piergentili I, Denaro V. Gender related results in total knee arthroplasty: a 15-year evaluation of the Italian population. *Arch Orthop Trauma Surg.* 2023;143:1185-92. PMID [34665302](#)
 29. Loucas R, Loucas M, Leitsch S, Mayer JM, **Alberti A**, Haroon O, Petrus M, Koban KC, Holzbach

- T. How Useful Is the SSN-Nipple Distance? An Analytical Questionnaire Survey on Anthropometric Measurements for the Aesthetically Ideal Positioning of the Nipple-Areolar Complex. *J Clin Med.* 2023;12:2494. PMID [37048578](#)
30. **Marin R, Feltri P, Ferraro S, Ippolito G, Campopiano G, Previtali D, Filardo G, Marbach F, De Marinis G, Candrian C, Surace MF.** Impact of tuberosity treatment in reverse shoulder arthroplasty after proximal humeral fractures: A multicentre study. *J Orthop Sci.* 2023;28:765-71. PMID [35461748](#)
31. **Mondadori C, Chandrakar A, Lopa S, Wieringa P, Talò G, Perego S, Lombardi G, Colombini A, Moretti M, Moroni L.** Assessing the response of human primary macrophages to defined fibrous architectures fabricated by melt electrowriting. *Bioact Mater.* 2023;21:209-22. PMID [36101857](#)
32. **Mongelli F, Garofalo F, Giacobelli P, Munini M, Volontè F, Marengo M.** Assessment of gastric pouch blood supply with indocyanine green fluorescence in conversational and revisional bariatric surgery: a prospective comparative study. *Sci Rep.* 2023;13:9152. PMID [37280278](#)
33. **Mongelli F, Marengo M, Bertoni MV, Volontè F, Ledingham NS, Garofalo F.** Laparoscopic-Assisted Transversus Abdominis Plane (TAP) Block Versus Port-Site Infiltration with Local Anesthetics in Bariatric Surgery: a Double-Blind Randomized Controlled Trial. *Obes Surg.* 2023;33:3383-90. PMID [37740830](#)
34. **Monteleone AS, Feltri P, Molina MN, Müller J, Filardo G, Candrian C.** Quality of life from return to work and sports activities to sexual dysfunction after surgical treatment of acetabular fractures. *Arch Orthop Trauma Surg.* 2023;143:1491-7. PMID [35218369](#)
35. **Monteleone AS, Feltri P, Müller J, Molina MN, Filardo G, Candrian C.** Quality of Life from Return to Work and Sport Activities to Sexual Dysfunction after Surgical Treatment of Pelvic Ring Fractures. *Healthcare (Basel).* 2023;11:1930. PMID [37444764](#)
36. **Navarra A, Porcellini I, Mongelli F, Popeskou SG, Grass F, Christoforidis D.** Long-term outcomes in elderly patients after elective surgery for colorectal cancer within an ERAS protocol: a retrospective analysis. *Langenbecks Arch Surg.* 2023;408:438. PMID [37978074](#)
37. **Nutarelli S, da Lodi CMT, Cook JL, Deabate L, Filardo G.** Epidemiology of Patellar Tendinopathy in Athletes and the General Population: A Systematic Review and Meta-analysis. *Orthop J Sports Med.* 2023;11:23259671231173659. PMID [37347023](#)
38. **Oldrini LM, Sangiorgio A, Feltri P, Marbach F, Filardo G, Candrian C.** Proximal humerus fractures: deltopectoral open reduction and internal fixation vs deltosplit minimally invasive plate osteosynthesis: which surgical approach provides superior results? *EFORT Open Rev.* 2023;8:662-71. PMID [37526265](#)
39. **Pagliuzzi G, Cuzzolin M, Pacchiarini L, Delcogliano M, Filardo G, Candrian C.** Physeal-sparing ACL reconstruction provides better knee laxity restoration but similar clinical outcomes to partial transphyseal and complete transphyseal approaches in the pediatric population: a systematic review and meta-analysis. *Knee Surg Sports Traumatol Arthrosc.* 2023;31:206-18. PMID [35838794](#)
40. **Palazzuolo M, Bensa A, Bauer S, Blakeney WG, Filardo G, Riegger M.** Resurfacing Hip Arthroplasty Is a Safe and Effective Alternative to Total Hip Arthroplasty in Young Patients: A Systematic Review and Meta-Analysis. *J Clin Med.* 2023;12:2093. PMID [36983096](#)
41. **Patella M, Brunelli A, Adams L, Cafarotti S, Costardi L, De Leyn P, Decaluwé H, Franks KN, Fuentes M, Jimenez MF, Karri S, Moons J, Novellis P, Ruffini E, Veronesi G, Voulaz E, Shargall Y.** A Risk Model to Predict the Delivery of Adjuvant Chemotherapy Following Lung Resection in Patients With Pathologically Positive Lymph Nodes. *Semin Thorac Cardiovasc Surg.* 2023;35:387-98. PMID [35272025](#)
42. **Pompei B, Gruffman V, Zoccali G, Farhadi J.** Breast implant reverse surgery: A step-by-step approach. *J Plast Reconstr Aesthet Surg.* 2023;82:200-8. PMID [37186975](#)
43. **Prouse G, Robaldo A, van den Berg JC, Ettore L, Mongelli F, Giovannacci L.** Impact of Multidisciplinary Team Meetings on Decision Making in Vascular Surgery: A Prospective Observational Study. *Eur J Vasc Endovasc Surg.* 2023;66:130-5. PMID [36972815](#)
44. **Rampi A, Tanzini U, Vinciguerra A, Danè G, Moroni L, Yacoub MR, Trimarchi M.** Early increase in eosinophil count may predict long-term hypereosinophilia during dupilumab treatment: a 2-year observational study. *Int Forum Allergy Rhinol.* 2023;13:2244-7. PMID [37316962](#)
45. **Riegger M, Le H, van Kuijk SMJ, Guyenes G, Candrian C, Cianfoni A, Hirsch JA, Koetsier E.** Intradiscal Glucocorticoid Injection in Discogenic Back Pain and Influence on Modic Changes: A Systematic Review and Meta-analysis of RCTs. *Pain Physician.* 2023;26:E449-e65. PMID [37774181](#)
46. **Roesel R, Bernardi L, Bonino MA, Popeskou SG, Garofalo F, Cristaudi A.** Minimally-invasive versus open pancreatic enucleation: systematic review and metanalysis of short-term outcomes. *HPB (Oxford).* 2023;25:603-13. PMID [36958987](#)
47. **Roesel R, Deantonio L, Bernardi L, Garo ML, Majno-Hurst P, Vannelli A, Cefali M, Palmareocchi MC, Valli MC, Pesola G, Cristaudi A, De Dosso S.** Neo-Adjuvant Treatment in Primary Resectable Pancreatic Cancer: A Systematic Review and PRISMA-Compliant Updated Metanalysis of Oncological Outcomes. *Cancers (Basel).* 2023;15:4627. PMID [37760596](#)
48. **Ruiz-Riquelme P, Poggio-Cano D, Sala-Blanch X, Cuéllar Bernal D, Baduell A, Garcia-Elvira R, Testa EA.** Ultrasound evaluation of a new surface reference line to describe sural nerve location and safe zones to consider in posterior leg approaches. *Knee Surg Sports Traumatol Arthrosc.* 2023;31:2216-25. PMID [36571617](#)
49. **Sangiorgio A, Oldrini LM, Candrian C, Errani C, Filardo G.** Radiofrequency ablation is as safe and effective as surgical excision for spinal osteoid osteoma: a systematic review and meta-analysis. *Eur Spine J.* 2023;32:210-20. PMID [36214895](#)
50. **Saporito A, La Regina D, Perren A, Gabutti L, Anselmi L, Cafarotti S, Mongelli F.** Contribution margin per hour of operating room to reallocate

- unutilized operating room time: a cost-effectiveness analysis. *Braz J Anesthesiol.* 2023;73:243-9. PMID [33930345](#)
51. Saporito A, Tassone C, Di Iorio A, Barbieri Saraceno M, Bressan A, **Pini R, Mongelli F, La Regina D**. Six Sigma can significantly reduce costs of poor quality of the surgical instruments sterilization process and improve surgeon and operating room personnel satisfaction. *Sci Rep.* 2023;13:14116. PMID [37644121](#)
 52. Schachner T, Gottardi R, Schmidli J, Wyss TR, **Van Den Berg JC**, Tsilimparis N, Bavaria J, Bertoglio L, Martens A, Czerny M. Practice of neuromonitoring in open and endovascular thoracoabdominal aortic repair-an international expert-based modified Delphi consensus study. *Eur J Cardiothorac Surg.* 2023;63: ezad198. PMID [37252816](#)
 53. Schiaffino S, Cozzi A, **Pompei B**, Scarano AL, Catanese C, **Catic A**, Rossi L, Del Grande F, **Harder Y**. MRI-Conditional Breast Tissue Expander: First In-Human Multi-Case Assessment of MRI-Related Complications and Image Quality. *J Clin Med.* 2023;12:4410. PMID [37445444](#)
 54. Schneebeil A, Barbero M, **Filardo G, Testa E, Riegger M, Sangiorgio A**, Cescon C, Soldini E, Falla D. Shear Wave Tensiometry Can Detect Loading Differences Between Operated and Unaffected Achilles Tendon. *Foot Ankle Int.* 2023;44:1295-304. PMID [37924256](#)
 55. Sörelius K, Wyss TR, Adam D, Beck AW, Berard X, Budtz-Lilly J, Chakfé N, Clough R, Czerny M, D'Oria M, Dang M, di Summa PG, Eldrup N, Fourneau I, Heinola I, Hosaka A, Hsu RB, Huang YK, Jutidamrongphan W, Kan CD, Kölbel T, Lau C, Lawaetz M, Mani K, Moulakakis K, Oderich GS, Resch T, Schmidli J, Sedivy P, Shirasu T, Suwannanon R, Szeberin Z, Touma J, **van den Berg JC**, Veger H, Wanhainen A, Weiss S. Editor's Choice - Infective Native Aortic Aneurysms: A Delphi Consensus Document on Terminology, Definition, Classification, Diagnosis, and Reporting Standards. *Eur J Vasc Endovasc Surg.* 2023;65:323-9. PMID [36470311](#)
 56. Stoffel K, Michelitsch C, Arora R, Babst R, **Candrian C**, Eickhoff A, Gebhard F, Platz A, Schmid FA, Weschenfelder W, Sommer C. Clinical performance of the Femoral Neck System within 1 year in 125 patients with acute femoral neck fractures, a prospective observational case series. *Arch Orthop Trauma Surg.* 2023;143:4155-64. PMID [36460761](#)
 57. **Testa EA**, Porreca A, Nasarre AR, Cano DP, Goenaga FA, Ledermann G, Baduell A, Riquelme PR. The Akin osteotomy without fixation in open hallux abducto-valgo correction surgery - A single center retrospective analysis of 286 cases. *Foot Ankle Surg.* 2023;29:200-7. PMID [36646594](#)
 58. Tischer T, Andriolo L, Beaufils P, Ahmad SS, Bait C, Bonomo M, Cavaignac E, Cristiani R, Feucht MJ, Fiodorovas M, Grassi A, Helmerhorst G, Hoser C, Karahan M, Komnos G, Lagae KC, Madonna V, Monaco E, Monllau JC, Ollivier M, Ovaska M, Petersen W, Piontek T, Robinson J, Samuelsson K, Scheffler S, Sonnery-Cottet B, **Filardo G**, Condello V. Management of anterior cruciate ligament revision in adults: the 2022 ESSKA consensus part III-indications for different clinical scenarios using the RAND/UCLA appropriateness method. *Knee Surg Sports Traumatol Arthrosc.* 2023;31:4662-72. PMID [37133742](#)
 59. Tischer T, Beaufils P, Becker R, Ahmad SS, Bonomo M, Dejour D, Eriksson K, **Filardo G**, Feucht MJ, Grassi A, Wilson A, Menetrey J, Pujol N, Rathcke M, Seil R, Strauss MJ, Condello V. Management of anterior cruciate ligament revision in adults: the 2022 ESSKA consensus part I-diagnostics and preoperative planning. *Knee Surg Sports Traumatol Arthrosc.* 2023;31:4642-51. PMID [36322180](#)
 60. Treglia G, Martinello C, Dondi F, Albano D, Bertagna F, Rizzo A, Delgado Bolton RC, Tersalvi G, Muoio B, **Riegger M**, Cecchin D. Prevalence of Incidental Findings Suspicious for Transthyretin Cardiac Amyloidosis among Patients Undergoing Bone Scintigraphy: A Systematic Review and a Meta-Analysis. *J Clin Med.* 2023;12:5698. PMID [37685765](#)
 61. Trimboli P, Ossola N, **Torre A, Mongelli F**, Quarenghi M, Camponovo C, Lucchini B, Rotondi M, Ruinelli L, **Garofalo F**. The performance of levothyroxine tablet is impaired by bariatric surgery. *Endocrine.* 2023;80:563-9. PMID [36581744](#)
 62. Vasella M, Arnke K, Dranseikiene D, Guzzi E, Melega F, Reid G, Klein HJ, **Schweizer R**, Tibbitt MW, Kim BS. Methacrylated Gelatin as a Scaffold for Mechanically Isolated Stromal Vascular Fraction for Cutaneous Wound Repair. *Int J Mol Sci.* 2023;24:13944. PMID [37762247](#)
 63. Vasella M, Cirebea J, Gousopoulos E, Wang A, **Schweizer R**, Waldner M, Grieb G, Buehler P, Plock JA, Kim BS. Outcome of Facial Burn Injuries Treated by a Nanofibrous Temporary Epidermal Layer. *J Clin Med.* 2023;12:5273. PMID [37629315](#)
 64. Viglione V, Boffa A, **Previtali D**, Vannini F, Faldini C, **Filardo G**. The 'placebo effect' in the conservative treatment of plantar fasciitis: a systematic review and meta-analyses. *EFORT Open Rev.* 2023;8:719-30. PMID [37787480](#)
 65. Weinzierl A, Coerper M, **Harder Y**, Menger MD, Laschke MW. Caloric Restriction: A Novel Conditioning Strategy to Improve the Survival of Ischemically Challenged Musculocutaneous Random Pattern Flaps. *Nutrients.* 2023;15:4076. PMID [37764859](#)
 66. Weinzierl A, **Harder Y**, Menger MD, Laschke MW. Perioperative Intermittent Fasting Protects Ischemic Musculocutaneous Flap Tissue from Necrosis. *Plast Reconstr Surg.* 2023;151:1030-41. PMID [36729384](#)
 67. Weinzierl A, **Harder Y, Schmauss D**, Menger MD, Laschke MW. Microvascular Fragments Protect Ischemic Musculocutaneous Flap Tissue from Necrosis by Improving Nutritive Tissue Perfusion and Suppressing Apoptosis. *Biomedicines.* 2023;11:1454. PMID [37239125](#)
- ## Reviews
68. Boffa A, **Filardo G**. Platelet-Rich Plasma for Intra-articular Injections: Preclinical and Clinical Evidence. *Methods Mol Biol.* 2023;2598:381-90. PMID [36355307](#)
 69. Boffa A, Perucca Orfei C, Sourugeon Y, Laver L, Magalon J, Sánchez M, Tischer T, de Girolamo

- L, **Filardo G**. Cell-based therapies have disease-modifying effects on osteoarthritis in animal models. A systematic review by the ESSKA Orthobiologic Initiative. Part 2: bone marrow-derived cell-based injectable therapies. *Knee Surg Sports Traumatol Arthrosc.* 2023;31:3230-42. PMID [36823238](#)
70. Calciolari S, González-Ortiz LG, **Mongelli F**, Cantini L, Capdevila X, **La Regina D**, Saporito A. Identification and economic burden of main adverse events of nerve injuries caused by regional anesthesia: a systematic review. *Braz J Anesthesiol.* 2023;73:305-15. PMID [33823209](#)
71. Ceranski AK, Carreño-Gonzalez MJ, Ehlers AC, **Colombo MV**, Cidre-Aranaz F, Grünewald TGP. Hypoxia and HIFs in Ewing sarcoma: new perspectives on a multi-faceted relationship. *Mol Cancer.* 2023;22:49. PMID [36915100](#)
72. Colombini A, Libonati F, Lopa S, Peretti GM, **Moretti M**, de Girolamo L. Autologous chondrocyte implantation provides good long-term clinical results in the treatment of knee osteoarthritis: a systematic review. *Knee Surg Sports Traumatol Arthrosc.* 2023;31:2338-48. PMID [35716187](#)
73. De Marziani L, **Sangiorgio A**, **Bensa A**, Boffa A, Andriolo L, **Filardo G**. Intra-articular injections in sport-active patients with degenerative cartilage lesions or osteoarthritis of the knee: a systematic review. *J Exp Orthop.* 2023;10:112. PMID [37938446](#)
74. Fitridge R, Chuter V, Mills J, Hinchliffe R, Azuma N, Behrendt CA, Boyko EJ, Conte MS, Humphries M, Kirksey L, McGinagle KC, Nikol S, Nordanstig J, Rowe V, Russell D, **van den Berg JC**, Venermo M, Schaper N. The Intersocietal IWGDF, ESVS, SVS Guidelines on Peripheral Artery Disease in People With Diabetes Mellitus and a Foot Ulcer. *Eur J Vasc Endovasc Surg.* 2023; PMID [37724984](#)
75. Fitridge R, Chuter V, Mills J, Hinchliffe R, Azuma N, Behrendt CA, Boyko EJ, Conte MS, Humphries M, Kirksey L, McGinagle KC, Nikol S, Nordanstig J, Rowe V, Russell D, **van den Berg JC**, Venermo M, Schaper N. The intersocietal IWGDF, ESVS, SVS guidelines on peripheral artery disease in people with diabetes mellitus and a foot ulcer. *J Vasc Surg.* 2023;78:1101-31. PMID [37724985](#)
76. Graff V, Gabutti L, Treglia G, Pascale M, Anselmi L, **Cafarotti S**, **La Regina D**, **Mongelli F**, Saporito A. Perioperative costs of local or regional anesthesia versus general anesthesia in the outpatient setting: a systematic review of recent literature. *Braz J Anesthesiol.* 2023;73:316-39. PMID [34627828](#)
77. **Lamouline A**, **Bersini S**, **Moretti M**. In vitro models of breast cancer bone metastasis: analyzing drug resistance through the lens of the microenvironment. *Front Oncol.* 2023;13:1135401. PMID [37182144](#)
78. Limido E, Weinzierl A, **Harder Y**, Menger MD, Laschke MW. Fatter Is Better: Boosting the Vascularization of Adipose Tissue Grafts. *Tissue Eng Part B Rev.* 2023;29:605-22. PMID [37166386](#)
79. Nana P, Koelemay MJW, Leone N, Brodis A, **van den Berg JC**, de Bruin JL, Geelkerken RH, Spanos K. A Systematic Review of Endovascular Repair Outcomes in Atherosclerotic Chronic Mesenteric Ischaemia. *Eur J Vasc Endovasc Surg.* 2023;66:632-43. PMID [37451604](#)
80. Naylor R, Rantner B, Ancetti S, de Borst GJ, De Carlo M, Halliday A, Kakkos SK, Markus HS, McCabe DJH, Sillesen H, **van den Berg JC**, Vega de Ceniga M, Venermo MA, Vermassen FEG, Esvs Guidelines C, Antoniou GA, Bastos Goncalves F, Bjorck M, Chakfe N, Coscas R, Dias NV, Dick F, Hinchliffe RJ, Kolh P, Koncar IB, Lindholt JS, Mees BME, Resch TA, Trimarchi S, Tulamo R, Twine CP, Wanhainen A, Document R, Bellmunt-Montoya S, Bulbulia R, Darling RC, 3rd, Eckstein HH, Giannoukas A, Koelemay MJW, Lindström D, Schermerhok M, Stone DH. Editor's Choice - European Society for Vascular Surgery (ESVS) 2023 Clinical Practice Guidelines on the Management of Atherosclerotic Carotid and Vertebral Artery Disease. *Eur J Vasc Endovasc Surg.* 2023;65:7-111. PMID [35598721](#)
81. Perucca Orfei C, Boffa A, Sourugeon Y, Laver L, Magalon J, Sánchez M, Tischer T, **Filardo G**, de Girolamo L. Cell-based therapies have disease-modifying effects on osteoarthritis in animal models. A systematic review by the ESSKA Orthobiologic Initiative. Part 1: adipose tissue-derived cell-based injectable therapies. *Knee Surg Sports Traumatol Arthrosc.* 2023;31:641-55. PMID [36104484](#)
82. Piarulli P, Vizzardi V, Alberici F, Riva H, Aramini M, **Regusci L**, Cippà P, **Bellasi A**. Peritoneal dialysis discontinuation: to the root of the problem. *J Nephrol.* 2023;36:1763-76. PMID [37747660](#)
83. **Popeskou SG**, **Bernardi L**, **Christoforidis D**. Intracorporeal IPAA After Fully Laparoscopic Total Proctocolectomy With Transanal Specimen Extraction. *Dis Colon Rectum.* 2023;66:e843-e5. PMID [37134218](#)
84. **Popeskou SG**, **Bernardi L**, **Christoforidis D**. Laparoscopic Complete Mesocolic Excision With Vascular Anatomy. *Dis Colon Rectum.* 2023;66:e299-e300. PMID [36856673](#)
85. Reale D, **Feltri P**, Franceschini M, de Girolamo L, Laver L, Magalon J, Sanchez M, Tischer T, **Filardo G**. Biological intra-articular augmentation for osteotomy in knee osteoarthritis: strategies and results : A systematic review of the literature from the ESSKA Orthobiologics Initiative. *Knee Surg Sports Traumatol Arthrosc.* 2023;31:4327-46. PMID [37330935](#)
86. **Riegger M**, Habib N, **Testa EA**, **Müller J**, Guidi M, **Candrian C**. The modified Lapidus fusion: a systematic review of biomechanical studies. *EFORT Open Rev.* 2023;8:162-74. PMID [37097047](#)
87. Rosso C, Morrey ME, Schär MO, Grezda K, Swiss Orthopaedics Shoulder Elbow and Expert Group; Swiss Orthopaedics Shoulder and Elbow Expert Group (**Candrian C**). The role of platelet-rich plasma in shoulder pathologies: a critical review of the literature. *EFORT Open Rev.* 2023;8:213-22. PMID [37097022](#)
88. Weber WP, Davide Gentilini O, Morrow M, Montagna G, de Boniface J, Fitzal F, Wyld L, Rubio IT, Matrai Z, King TA, Saccilotto R, Galimberti V, Maggi N, Andreozzi M, Sacchini V, Castrezana López L, Loesch J, Schwab FD, Eller R, Heidinger M, Haug M, Kurzeder C, Di Micco R, Banyas-Paluchowski M, Ditsch N, **Harder Y**, Paulinelli RR, Urban C,

Benson J, Bjelic-Radusic V, Potter S, Knauer M, Thill M, Vrancken Peeters MJ, Kuemmel S, Heil J, Gulluoglu BM, Tausch C, Ganz-Blaettler U, Shaw J, Dubsy P, Poortmans P, Kaidar-Person O, Kühn T, Gnant M. Uncertainties and controversies in axillary management of patients with breast cancer. *Cancer Treat Rev.* 2023;117:102556. PMID [37126938](#)

Editorials or letters or comments

89. Dahmen J, Kayaalp ME, Winkler PW, de Girolamo L, **Filardo G**, Beaufils P, Hirschmann MT, Karlsson J. Enhancing orthopaedic scientific communication: the launch of infographics in the KSSTA journal. *Knee Surg Sports Traumatol Arthrosc.* 2023;31:5273-6. PMID [37828406](#)
90. de Girolamo L, **Filardo G**, Laver L. Disease-modifying effects of orthobiologics in the treatment of knee osteoarthritis: the lesson learned from preclinical research models. *Knee Surg Sports Traumatol Arthrosc.* 2023;31:5286-90. PMID [37393419](#)
91. **Sangiorgio A, Oldrini LM, Candrian C**, Errani C, **Filardo G**. Answer to the Letter to the Editor of A. Takata, et al. concerning "Radiofrequency ablation is as safe and effective as surgical excision for spinal osteoid osteoma: a systematic review and meta-analysis" by Sangiorgio A, et al. [*Eur Spine J* (2023): doi:10.1007/s00586-022-07411-8]. *Eur Spine J.* 2023;32:1481-2. PMID [36856869](#)
92. **van den Berg JC**. A New Computed Tomography Classification for Acute Mesenteric Ischaemia: More Than a "Gut Feeling"? *Eur J Vasc Endovasc Surg.* 2023;65:809-10. PMID [36921752](#)
93. **van den Berg JC**. Measurement of the Brain Atrophy Index To Predict Mortality: a 'No-Brainer'? *Eur J Vasc Endovasc Surg.* 2023;65:346-7. PMID [36566983](#)

Case reports

94. **Cafarotti S**, Torre TM, **Patella M**, Demertzis S. Resection of thymic carcinoma after induction therapy and reconstruction of right ventricular outflow tract with pulmonary homograft. *Eur J Cardiothorac Surg.* 2023;63: ezad069. PMID [36852845](#)
95. **Giunchi D**, Gonzalez J, Odorizzi M, Mendoza MS, De Rosa V. Simultaneous Bilateral Avulsion of Tibial Anterior Tubercle in Adolescent: Two Case Reports and Narrative Review of the Literature. *Case Rep Orthop.* 2023;2023:1035705. PMID [36819845](#)
96. Nagura I, Kanatani T, Inui A, Mifune Y, Kuroda R, **Lucchina S**. Clinical outcomes of absorbable plates (hydroxyapatite-poly-L-lactide composites) for phalangeal fractures - case reports. *Acta Chir Plast.* 2023;65:37-40. PMID [37211423](#)
97. Quarenghi M, Giana A, Turri Quarenghi R, **Volonté F**. Sleeve gastrectomy is feasible in obese patients with phenylketonuria: A case report and literature review. *Int J Surg Case Rep.* 2023;109:108458. PMID [37437324](#)
98. **Zanca KM, Marcantonio M, Pini R, Mongelli F, La Regina D, Cianfarani A**. Intestinal ischemia due to internal hernia beneath the right external iliac artery after laparoscopic hysterectomy and lymphadenectomy: A case report. *Int J Surg Case Rep.* 2023;106:108187. PMID [37058801](#)

Department of Gynecology and Obstetrics EOC

Publications are listed in alphabetical order for each section: original articles (including meta-analyses, surveys, research letters, consensus and delphi-based consensus paper); reviews (including systematic reviews without meta-analyses, protocols); editorials or letters or comments; case reports. EOC authors affiliated with the Institute/Department are highlighted in bold.

Original articles

1. Banyas-Paluchowski M, Untch M, Krawczyk N, Thurmann M, Kühn T, Sehouli J, **Gasparri ML**, de Boniface J, Gentilini OD, Stickeler E, Ditsch N, Rody A, Paluchowski P, Blohmer JU. Current trends in diagnostic and therapeutic management of the axilla in breast cancer patients receiving neoadjuvant therapy: results of the German-wide NOGGO MONITOR 24 survey. *Arch Gynecol Obstet.* 2023;307:1547-56. PMID [36214890](#)
2. Barba M, Cola A, Melocchi T, **Braga A**, **Castronovo F**, Manodoro S, Pennacchio M, Munno GM, Ruffolo AF, Degliuomini RS, Salvatore S, Torella M, Frigerio M. Italian validation of the Pelvic Floor Distress Inventory (PFDI-20) questionnaire. *Int Urogynecol J.* 2023;34:2459-65. PMID [37195425](#)
3. Bogani G, Di Donato V, **Papadia A**, Buda A, Casarin J, Multinu F, Plotti F, **Gasparri ML**, Pinelli C, Perrone AM, Ferrero S, Sorbi F, Landoni F, Palaia I, Perniola G, De Iaco P, Cianci S, Alletti SG, Petrillo M, Vizzielli G, Fanfani F, Angioli R, Muzii L, Ghezzi F, Vizza E, Mueller MD, Scambia G, Panici PB, Raspagliesi F. Hysterectomy alone vs. hysterectomy plus sentinel node mapping in endometrial cancer: Perioperative and long-term results from a propensity-score based study. *Eur J Surg Oncol.* 2023;49:1037-43. PMID [36801150](#)
4. **Braga A**, Galli L, **Caccia G**, **Amato G**, **Papadia A**, Torella M, Salvatore S, Scancarello C, Baruch Y, Serati M. Is Diastasis Recti Abdominis Rehabilitation after Childbirth Able to Prevent the Onset of Stress Urinary Incontinence? A Case-Control Study. *Medicina (Kaunas).* 2023;59:2182. PMID [38138285](#)
5. Buda A, Paniga C, Taskin S, Mueller M, Zapardiel I, Fanfani F, Puppo A, Casarin J, **Papadia A**, De Ponti E, Grassi T, Mauro J, Turan H, Vatansever D, Gungor M, Ortog F, Imboden S, Garcia-Pineda V, Mohr S, Siegenthaler F, Perotto S, Landoni F, Ghezzi F, Scambia G, Taskiran C, Fruscio R. The Risk of Recurrence in Endometrial Cancer Patients with Low-Volume Metastasis in the Sentinel Lymph Nodes: A Retrospective Multi-Institutional Study. *Cancers (Basel).* 2023;15:2052. PMID [37046712](#)
6. Favre G, Maisonneuve E, Pomar L, Daire C, Monod C, Martinez de Tejada B, Quibel T, Todesco-Bernasconi M, Sentilhes L, Blume C, **Papadia A**, Sturm S, Bassler D, Grawe C, Radan AP, Rossier MC, Mathis J, Capoccia-Brugger R, Lepigeon K, Gerbier E, Addor MC, Winterfeld U, Baud D, Panchaud A, COVI-PREG group. Risk of congenital malformation after first trimester mRNA COVID-19 vaccine exposure in pregnancy: the COVI-PREG prospective cohort. *Clin Microbiol Infect.* 2023;29:1306-12. PMID [37343619](#)
7. Favre G, Maisonneuve E, Pomar L, Daire C, Poncelet C, Quibel T, Monod C, Martinez de Tejada B, Schäffer L, **Papadia A**, Radan AP, Todesco-Bernasconi M, Ville Y, Voekt CA, Eggel-Hort B, Capoccia-Brugger R, Johann S, Grawe C, Defert S, Mottet N, Kahlert CR, Garabedian C, Sentilhes L, Weber B, Leu S, Bassler D, Lepigeon K, Winterfeld U, Panchaud A, Baud D. Maternal and perinatal outcomes following pre-Delta, Delta, and Omicron SARS-CoV-2 variants infection among unvaccinated pregnant women in France and Switzerland: a prospective cohort study using the COVI-PREG registry. *Lancet Reg Health Eur.* 2023;26:100569. PMID [36628358](#)
8. Favre G, Gerbier E, Maisonneuve E, Pomar L, Winterfeld U, Lepigeon K, Bloemenkamp KWM, de Bruin O, Hurley E, Nordeng H, Siiskonen SJ, Sturkenboom M, Baud D, Panchaud A, COVI-PREG (**Papadia A**, **Gasparri ML**, **Morena A**, **Polli C**, **Taddei E**) and CONSIGN group. COVID-19-related medicine utilization study in pregnancy: The COVI-PREG cohort. *Br J Clin Pharmacol.* 2023;89:1560-74. PMID [36417423](#)
9. **Gasparri ML**, Albasini S, Truffi M, Favilla K, Tagliaferri B, Piccotti F, Bossi D, Armatura G, Calcinotto A, Chiappa C, Combi F, Curcio A, Della Valle A, Ferrari G, Folli S, Ghilli M, Listorti C, Mancini S, Marinello P, Mele S, Pertusati A, Roncella M, Rossi L, Rovera F, Segattini S, Sgarella A, Tognali D, Corsi F. Low neutrophil-to-lymphocyte ratio and pan-immune-inflammation-value predict nodal pathologic complete response in 1274 breast cancer patients treated with neoadjuvant chemotherapy: a multicenter analysis. *Ther Adv Med Oncol.* 2023;15:17588359231193732. PMID [37720495](#)
10. Hachfeld A, Atkinson A, Stute P, Calmy A, Tarr PE, Darling KEA, Babouee Flury B, **Polli C**, Sultan-Beyer L, Abela IA, Aebi-Popp K. Brief Report: Does Menopause Transition Influence Viral Suppression and Adherence in Women Living With HIV? *J Acquir Immune Defic Syndr.* 2023;92:399-404. PMID [36595226](#)
11. Paioni P, Aebi-Popp K, Martinez de Tejada B, Rudin C, Bernasconi E, Braun DL, Kouyos R, Wagner N, Crisinel PA, Güsewell S, Darling KEA, Duppenhaler A, Baumann M, **Polli C**, Fischer T, Kahlert CR. Viral suppression and retention in HIV care during the postpartum period among women living with HIV: a longitudinal multicenter cohort study. *Lancet Reg Health Eur.* 2023;31:100656. PMID [37303945](#)
12. Raia G, Del Grande M, Colombo I, Nerone M, Manganaro L, **Gasparri ML**, **Papadia A**, Del Grande F, Rizzo S. Whole-Body Composition Features by Computed Tomography in Ovarian Cancer: Pilot Data on Survival Correlations. *Cancers (Basel).* 2023;15:2602. PMID [37174067](#)
13. Rizzo S, Cozzi A, Dolcianni M, Del Grande F, Scarano AL, **Papadia A**, Gui B, Gandolfo N, Catalano C, Manganaro L. O-RADS MRI: A Systematic Review and Meta-Analysis of Diagnostic Performance and Category-wise Malignancy Rates. *Radiology.* 2023;307:e220795. PMID [36413127](#)
14. Ruffolo AF, Serati M, Casiraghi A, Benini V, Scancarello C, Di Dedda MC, Garbagnati C,

- Braga A**, Candiani M, Salvatore S. The Impact of Systemic Sclerosis on Sexual Health: An Italian Survey. *Healthcare (Basel)*. 2023;11:2346. PMID [37628543](#)
15. Serati M, **Braga A**, Scancarello C, De Rosa A, Frigerio M, Baruch Y, Torella M, Salvatore S, Ruffolo AF. Does the Polydimethylsiloxane Urethral Injection (Macropastique®) Improve Sexual Function in Women, in Fertile Age, Affected by Stress Urinary Incontinence? *Medicina (Kaunas)*. 2023;59:580. PMID [36984580](#)
 16. Serati M, Ruffolo AF, Scancarello C, **Braga A**, Salvatore S, Ghezzi F. When does oasias cause de novo pelvic floor dysfunction? role of the surgeon's skills. *Int Urogynecol J*. 2023;34:493-8. PMID [35467138](#)
 17. Serati M, Salvatore S, Torella M, Scancarello C, De Rosa A, Ruffolo AF, **Caccia G**, Ghezzi F, **Papadia A**, Baruch Y, **Braga A**. Hysteropexy and Anterior Vaginal Native Tissue Repair in Women with Anterior and Central Compartment Prolapse: A Long Term Follow-Up. *J Clin Med*. 2023;12:2548. PMID [37048632](#)
 18. Torella M, Marrapodi MM, Ronsini C, Ruffolo AF, **Braga A**, Frigerio M, Amabile E, Vastarella MG, Rossi F, Riemma G. Risk of Premature Ovarian Insufficiency after Human Papilloma Virus Vaccination: A PRISMA Systematic Review and Meta-Analysis of Current Evidence. *Vaccines (Basel)*. 2023;11:140. PMID [36679985](#)

Reviews

19. Banya-Paluchowski M, Kühn T, Masannat Y, Rubio I, de Boniface J, Ditsch N, Karadeniz Cakmak G, Karakatsanis A, Dave R, Hahn M, Potter S, Kothari A, Gentilini OD, Gulluoglu BM, Lux MP, Smidt M, Weber WP, Aktas Sezen B, Krawczyk N, Hartmann S, Di Micco R, Nietz S, Malherbe F, Cabioglu N, Canturk NZ, **Gasparri ML**, Murawa D, Harvey J. Localization Techniques for Non-Palpable Breast Lesions: Current Status, Knowledge Gaps, and Rationale for the MELODY Study (EUBREAST-4/iBRA-NET, NCT 05559411). *Cancers (Basel)*. 2023;15:1173. PMID [36831516](#)
20. **Braga A**, Barba M, Serati M, Soligo M, Li Marzi V, Finazzi Agrò E, Musco S, **Caccia G**, **Castronovo F**, Manodoro S, Frigerio M. Update on Italian-validated questionnaires for pelvic floor disorders. *Minerva Obstet Gynecol*. 2023;75:62-8. PMID [34328299](#)
21. **Colombo GE**, Pirota S, Sabag A. Diet and Exercise in the Management of Polycystic Ovary Syndrome: Practical Considerations for Person-Centered Care. *Semin Reprod Med*. 2023;41:26-36. PMID [38040023](#)
22. Sciorio R, Tramontano L, Rapalini E, **Bellaminutti S**, Bulletti FM, D'Amato A, Manna C, Palagiano A, Bulletti C, Esteves SC. Risk of genetic and epigenetic alteration in children conceived following ART: Is it time to return to nature whenever possible? *Clin Genet*. 2023;103:133-45. PMID [36109352](#)
23. Tramontano L, Sciorio R, **Bellaminutti S**, Esteves SC, Petignat P. Exploring the potential impact of human papillomavirus on infertility and assisted reproductive technology outcomes. *Reprod Biol*. 2023;23:100753. PMID [36889139](#)

Editorials or letters or comments

24. **Braga A**, Serati M. New Advances in Female Pelvic Floor Dysfunction Management. *Medicina (Kaunas)*. 2023;59:1010. PMID [37374214](#)
25. **Braga A**, Serati M. Re: Single-incision Mini-slings for Stress Urinary Incontinence in Women. *Eur Urol*. 2023;83:372. PMID [36604275](#)
26. Buda A, Signorelli M, **Papadia A**. Correspondence on 'Long-term survival outcomes in high-risk endometrial cancer patients undergoing sentinel lymph node biopsy alone versus lymphadenectomy' by Capozzi et al. *Int J Gynecol Cancer*. 2023;33:1668-9. PMID [37666525](#)
27. Serati M, **Braga A**. Re: CO(2) Surgical Laser for Treatment of Stress Urinary Incontinence in Women: A Randomized Controlled Trial. *Eur Urol*. 2023;83:373. PMID [36604274](#)

Department of Anesthesiology, Emergency and Intensive Care Medicine EOC

Publications are listed in alphabetical order for each section: original articles (including meta-analyses, surveys, research letters, consensus and delphi-based consensus paper); reviews (including systematic reviews without meta-analyses, protocols); editorials or letters or comments; case reports. EOC authors affiliated with the Institute/Department are highlighted in bold.

Original articles

1. Balafas S, Gagliano V, Di Serio C, Guidugli GA, **Saporito A**, Gabutti L, Ferrari P. Differential impact of transfusion guidelines on blood transfusion practices within a health network. *Sci Rep.* 2023;13:6264. PMID [37069210](#)
2. Bedulli M, Falvo I, **Merlani P**, Hurst S, Fadda M. Obstacles to patient inclusion in CPR/DNAR decisions and challenging conversations: A qualitative study with internal medicine physicians in Southern Switzerland. *PLoS One.* 2023;18:e0282270. PMID [36947569](#)
3. Bertolini G, **Pagnamenta A**, Kunz A, Del Torso A, Bron D. Reduction of the vertical vestibulo-ocular reflex in military aircraft pilots exposed to tactical, high-performance flight. *Front Neurol.* 2023;14:949227. PMID [37360332](#)
4. **Bulleri E**, **Fusi C**, Bambi S, Pisani L, Galesi A, Rizzello E, Lucchini A, **Merlani P**, **Pagnamenta A**. Efficacy of endotracheal tube clamping to prevent positive airways pressure loss and pressure behavior after reconnection: a bench study. *Intensive Care Med Exp.* 2023;11:36. PMID [37386327](#)
5. Ceruti S, Glotta A, Biggiogero M, Marzano M, Bona G, **Previsdomini M**, **Saporito A**, Capdevila X. Long-Term Evolution of Activities of Daily Life (ADLs) in Critically Ill COVID-19 Patients, a Case Series. *Healthcare (Basel).* 2023;11:650. PMID [36900655](#)
6. Degabriel D, **Petrino R**, **Frau ED**, **Uccella L**. Factors influencing patients' experience of communication with the medical team of the emergency department. *Intern Emerg Med.* 2023;18:2045-51. PMID [37142863](#)
7. **Dossi R**, Quadri C, Capdevila X, **Saporito A**. Identification of interfascial plane using injection pressure monitoring at the needle tip during ultrasound-guided TAP block in cadavers. *Reg Anesth Pain Med.* 2023;48:615-8. PMID [37474284](#)
8. Grignoli N, Petrocchi S, **Polito A**, Gagliano V, Sallusto F, Uguccioni M, Gabutti L. The interplay between previous infection and mental health condition on antibody response to COVID-19 mRNA vaccination. *Brain Behav Immun Health.* 2023;33:100677. PMID [37701787](#)
9. Hitz P, **Pagnamenta A**, Pertusini L, Terrot T, Franzosi Y, Bassi J, Silacci-Fregni C, Gaia V, Martinetti G, Keller F, Berwert L, Ognà VF, Lavorato-Hadjeres S, Giunzioni D, D'Ermo A, Valnegri A, Ferrari P, Corti D, Ceschi A, Cippà P, Piccoli L, Giannini O. Prevalence of SARS-CoV-2 infection and impact of vaccination in dialysis patients over two years of the pandemic. *J Nephrol.* 2023;36:2665-7. PMID [37702913](#)
10. **Jermine-Gianinazzi I**, Blum M, Trachsel M, Trippolini MA, Tochtermann N, Rimensberger C, Liechti FD, Wertli MM. Management of acute non-specific low back pain in the emergency department: do emergency physicians follow the guidelines? Results of a cross-sectional survey. *BMJ Open.* 2023;13:e071893. PMID [37541755](#)
11. La Regina D, Popeskou SG, **Saporito A**, Gaffuri P, **Tasciotti E**, **Dossi R**, Christoforidis D, Mongelli F. Laparoscopic versus ultrasound-guided transversus abdominis plane block in colorectal surgery: a non-inferiority, multicentric randomized double-blinded clinical trial. *Colorectal Dis.* 2023;25:1921-8. PMID [37525414](#)
12. Meani F, Barbalace G, Meroni D, Pagani O, Perriard U, **Pagnamenta A**, Aliverti A, Meroni E. Electrical Impedance Spectroscopy for Ex-Vivo Breast Cancer Tissues Analysis. *Ann Biomed Eng.* 2023;51:1535-46. PMID [37061594](#)
13. Mercier J, **Bernasconi R**, Steiger C, Kaempfen A, Krieg AH. Conservative and Surgical Treatment of Osteochondromas in Children, Particularly with or without Surgical Lengthening of the Ulna. *J Clin Med.* 2023;12:4273. PMID [37445308](#)
14. Mongelli F, Marengo M, Bertoni MV, Volontè F, **Ledingham NS**, Garofalo F. Laparoscopic-Assisted Transversus Abdominis Plane (TAP) Block Versus Port-Site Infiltration with Local Anesthetics in Bariatric Surgery: a Double-Blind Randomized Controlled Trial. *Obes Surg.* 2023;33:3383-90. PMID [37740830](#)
15. Nosedà R, Franchi M, **Pagnamenta A**, Müller L, Dines AM, Giraudon I, Heyerdahl F, Eyer F, Hovda KE, Liechti ME, Miró Ó, Vallersnes OM, Yates C, Dargan PI, Wood DM, Ceschi A. Determinants of Admission to Critical Care Following Acute Recreational Drug Toxicity: A Euro-DEN Plus Study. *J Clin Med.* 2023;12:5970. PMID [37762912](#)
16. Nosedà R, Rea F, **Pagnamenta A**, Agazzi P, Bianco G, Sihabdeen S, Seiffge D, Michel P, Nedeltchev K, Bonati L, Kägi G, Niederhauser J, Nyffeler T, Luft A, Wegener S, Schelosky L, Medlin F, Rodic B, Peters N, Renaud S, Mono ML, Carrera E, Fischer U, Ceschi A, Cereda CW. Sex Differences in Outcomes of Intravenous Thrombolysis in Acute Ischemic Stroke Patients with Preadmission Use of Antiplatelets. *CNS Drugs.* 2023;37:351-61. PMID [36976463](#)
17. **Petrino R**, Tuunainen E, **Bruzzo G**, Garcia-Castrillo L. Patient safety in emergency departments: a problem for health care systems? An international survey. *Eur J Emerg Med.* 2023;30:280-6. PMID [37226830](#)
18. Pozza S, **Speciale D**, Grape S, van Kuijk SMJ, Bruil SJ, **Czarnetzki C**. Validity and Tolerability of Awake Calibration of an Accelerometer Neuromuscular Monitor. *Anesthesiology.* 2023;138:114-6. PMID [36286614](#)
19. **Saporito A**, La Regina D, **Perren A**, Gabutti L, **Anselmi L**, Cafarotti S, Mongelli F. Contribution margin per hour of operating room to reallocate unutilized operating room time: a cost-effectiveness analysis. *Braz J Anesthesiol.* 2023;73:243-9. PMID [33930345](#)

20. **Saporito A, Tassone C, Di Iorio A, Barbieri Saraceno M, Bressan A, Pini R, Mongelli F, La Regina D.** Six Sigma can significantly reduce costs of poor quality of the surgical instruments sterilization process and improve surgeon and operating room personnel satisfaction. *Sci Rep.* 2023;13:14116. PMID [37644121](#)

Reviews

21. Calciolari S, González-Ortiz LG, Mongelli F, Cantini L, Capdevila X, La Regina D, **Saporito A.** Identification and economic burden of main adverse events of nerve injuries caused by regional anesthesia: a systematic review. *Braz J Anesthesiol.* 2023;73:305-15. PMID [33823209](#)
22. Fischer FB, Bigler M, Mäusezahl D, Hattendorf J, Egli A, Julian TR, Rölli F, Gaia V, Wymann M, Fridez F, Bertschi S, SwissLEGIO Hospital Network (Bernasconi E, **Petrino R, Uccella L**). Legionnaires' disease in Switzerland: rationale and study protocol of a prospective national case-control and molecular source attribution study (SwissLEGIO). *Infection.* 2023;51:1467-79. PMID [36905400](#)
23. **Fusi C, Bulleri E,** Villa M, Pisani L, El Aoufy K, Lucchini A, Bambi S. Awake Prone Positioning in Nonintubated Patients With Acute Hypoxemic Respiratory Failure. *Crit Care Nurse.* 2023;43:31-41. PMID [36720282](#)
24. **Graff V,** Gabutti L, Treglia G, Pascale M, **Anselmi L,** Cafarotti S, La Regina D, Mongelli F, **Saporito A.** Perioperative costs of local or regional anesthesia versus general anesthesia in the outpatient setting: a systematic review of recent literature. *Braz J Anesthesiol.* 2023;73:316-39. PMID [34627828](#)
25. Saglietti F, **Girombelli A,** Marelli S, Vetrone F, Balzanelli MG, Tabae Damavandi P. Role of Magnesium in the Intensive Care Unit and Immunomodulation: A Literature Review. *Vaccines (Basel).* 2023;11:1122. PMID [37376511](#)

Case reports

26. Bongiovanni M, Piccinini D, **Aschwanden FJ,** Bernasconi E. Red herrings in monkeypox. *J Infect.* 2023;86:66-117. PMID [36273643](#)
27. Demurtas S, **Pareti E,** Madanchi M. Ignatzschineria larvae Bacteremia in a Patient With Chronic Leg Ulcer: A Case Report and Review of the Literature. *Cureus.* 2023;15:e36612. PMID [37102037](#)
28. **Gerli V,** Koetsier E, **Ledingham N, Maino P.** "Can't Intubate Can't Oxygenate" Situation in an Elective Patient in Suspected Sarcoidosis: A Case Report. *Eur J Case Rep Intern Med.* 2023;10:004088. PMID [37920228](#)
29. **Pescia M, Conti M, Contratto R.** Persistent Cardioactive Glycosides Intoxication Related to Gastric Phytobezoar of Oleander Leaves. *Eur J Case Rep Intern Med.* 2023;10:003978. PMID [37554479](#)

Rehabilitation Clinic EOC (CREOC)

Publications are listed in alphabetical order for each section: original articles (including meta-analyses, surveys, research letters, consensus and delphi-based consensus paper); reviews (including systematic reviews without meta-analyses, protocols); editorials or letters or comments; case reports. EOC authors affiliated with the Institute/Department are highlighted in bold

Original articles

1. **Scarabel L**, Scarpina F, Ruggieri G, **Schiavone N**, Limoni C. Predicting Falls in Musculoskeletal Rehabilitation: A Retrospective Multisite Study. *Healthcare (Basel)*. 2023;11:2805. PMID 37893879
2. Bompani N, Bertella L, Barbieri V, **Scarabel L**, Scarpina F, Perucca L, Rossi P. The predictive role of fatigue and neuropsychological components on functional outcomes in COVID-19 after a multidisciplinary rehabilitation program. *J Int Med Res*. 2023;51:3000605221148435. PMID 36650909

Nursing Research Centre EOC

Publications are listed in alphabetical order for each section: original articles (including meta-analyses, surveys, research letters, consensus and delphi-based consensus paper); reviews (including systematic reviews without meta-analyses, protocols); editorials or letters or comments; case reports. EOC authors affiliated with the Institute/Department are highlighted in bold

Original articles

1. **Bulleri E, Fusi C**, Bambi S, Pisani L, Galesi A, Rizzello E, Lucchini A, Merlani P, Pagnamenta A. Efficacy of endotracheal tube clamping to prevent positive airways pressure loss and pressure behavior after reconnection: a bench study. *Intensive Care Med Exp*. 2023;11:36. PMID [37386327](#)
2. Cannici C, **Liptrott SJ**, Serra N, Samarani E, De Cecco V, Caime A, Galgano L, Rostagno E, **Orlando L**, Gargiulo G, Cioce M, Lupo R, Capuano A, Rea T, Botti S. Predictive factors of sleep quality and burnout in nurses working in transplant units during the COVID-19 lockdown - A cross-sectional study. *Contemp Nurse*. 2023;59:362-76. PMID [37550812](#)
3. Caruso R, Dellafiore F, Arrigoni C, **Bonetti L**. Individual-Level Variables Associated with Self-Efficacy in Nutritional Care for Older People among Italian Nurses: A Multicenter Cross-Sectional Study. *J Nutr Gerontol Geriatr*. 2023;42:46-58. PMID [36946327](#)
4. Disanto G, **Villa M**, Maleska Maceski A, Prosperetti C, Gobbi C, Kuhle J, Cassina T, Agazzi P. Longitudinal serum neurofilament light kinetics in post-anoxic encephalopathy. *Ann Clin Transl Neurol*. 2023;10:2407-12. PMID [37743737](#)
5. Falcó-Pegueroles A, Bosch-Alcaraz A, Terzoni S, Fanari F, Viola E, Via-Clavero G, Hoyo SG, Parini AM, Poveda-Moral S, Parozzi M, Guàrdia-Olmos J, **Bonetti L**. COVID-19 pandemic experiences, ethical conflict and decision-making process in critical care professionals (Quali-Ethics-COVID-19 research part 1): An international qualitative study. *J Clin Nurs*. 2023;32:5185-200. PMID [36740770](#)
6. Falcó-Pegueroles A, Viola E, Poveda-Moral S, Rodríguez-Martín D, Via-Clavero G, Barelló S, Bosch-Alcaraz A, **Bonetti L**. Protective factors of ethical conflict during a pandemic-Quali-Ethics-COVID-19 research part 2: An international qualitative study. *J Clin Nurs*. 2023;32:6677-89. PMID [37190669](#)
7. Gjørde LK, Eeltink C, Stringer J, Mooyaart J, Bosman P, Kenyon M, **Liptrott S**, Greenfield DM, Linke A, Turlure P, Botti S, Dzaferagic D, Sica S, Welsh L, Kisch A, Perić Z, Schoemans H, Murray J. Sexual function of adult long-term survivors and their partners after allogeneic hematopoietic cell transplantation in Europe (S-FAST): a study from the Transplant Complications Working Party and Nurses Group of the EBMT. *Bone Marrow Transplant*. 2023;58:195-202. PMID [36376470](#)
8. Halasz G, Capelli B, Nardecchia A, Cattaneo M, Cassina T, Biasini V, Barbieri D, **Villa M**, Beltrami M, Perone F, Villani M, Badini M, Gervasi F, Piepoli M, Via G. Cost-effectiveness and diagnostic accuracy of focused cardiac ultrasound in the pre-participation screening of athletes: the SPORT-FoCUS study. *Eur J Prev Cardiol*. 2023;30:1748-57. PMID [37668353](#)
9. Kortleve JP, Kisch AM, Piepenbroek B, Mooyaart JE, Kozijn AE, Sohne M, **Liptrott SJ**. Variation in hydration use after reinfusion of autologous stem cells in dimethyl sulfoxide (DMSO): a survey of EBMTcenters on behalf of the EBMT Nurses Group. *Bone Marrow Transplant*. 2023;58:1062-4. PMID [37391653](#)
10. **Liptrott S**, NiChonghaile M, O'Connell L, Aerts E. The Evolving Role of Haematology Nursing Practice: A Cross-Sectional Survey. *Mediterr J Hematol Infect Dis*. 2023;15:e2023033. PMID [37180205](#)
11. **Luca CE, Aramini M, Puliatti A, Ferrari A, Cheda E, Bonetti L**, Gradellini C, Prandi C, Bianchi M. Esplorazione delle Fundamental of Care in diversi contesti di cura: uno studio qualitativo. *Prof Inferm*. 2023;76:3-13. PMID [1112](#)
12. Orlando F, Giuffrida S, **Vicari R**, Sansalone A, Dell'Avo A, Bernasconi S, **Villa M**. Adverse clinical events during the first 24 h of bedrest following cardiac electronic device implantation: a prospective observational study. *Eur J Cardiovasc Nurs*. 2023;22:175-83. PMID [35709305](#)
13. Preda T, Nafi M, **Villa M**, Cassina T. Traumatic injuries after manual and automatic mechanical compression during cardiopulmonary resuscitation, a retrospective cohort study. *Resusc Plus*. 2023;16:100465. PMID [37711684](#)
14. Sansalone A, **Vicari R**, Orlando F, Dell'Avo A, Giuffrida S, Deelen P, Bernasconi S, **Villa M**. Needle-free connectors to prevent central venous catheter occlusion at a tertiary cardiac center: A prospective before and after intervention study. *J Vasc Access*. 2023;24:475-82. PMID [34396802](#)
15. Saporito A, **Tassone C**, Di Iorio A, Barbieri Saraceno M, Bressan A, Pini R, Mongelli F, La Regina D. Six Sigma can significantly reduce costs of poor quality of the surgical instruments sterilization process and improve surgeon and operating room personnel satisfaction. *Sci Rep*. 2023;13:14116. PMID [37644121](#)
16. **Villa M**, Le Pera M, Cassina T, Bottega M. Reporting quality of abstracts from randomised controlled trials published in leading critical care nursing journals: a methodological quality review. *BMJ Open*. 2023;13:e070639. PMID [36921935](#)
17. Warthmann A, Holbro A, Buser A, Schefer S, Degen Kellerhals S, **Ravelli M**, Passweg J, Stussi G, Halter J. BleedHD-a new electronic assessment tool for grading chronic graft-versus-host disease validated in a multicenter and multiprofessional setting. *Bone Marrow Transplant*. 2023;58:613-5. PMID [36859715](#)

Reviews

18. Alberti S, Ferri P, Ghirotto L, **Bonetti L**, Rovesti S, Vannini V, Jackson M, Rossi F, Caleffi D. The patient involvement in nursing education: A mixed-methods systematic review. *Nurse Educ Today*. 2023;128:105875. PMID [37336122](#)
19. Amicucci M, Simioli V, De Cecco V, **Orlando L**, Ciaralli I, Buccino A, Guidi B, Locatelli G, Palmieri C,

- Piazzalunga M, Proietti R, Pucci A, Botti S. Nursing Management in Pediatric Patients Undergoing Chimeric Antigen Receptor T (CAR-T) Cell Therapy: A Systematic Literature Review. *Semin Oncol Nurs*. 2023;39:151478. PMID [37544775](#)
20. **Fusi C, Bulleri E, Villa M**, Pisani L, El Aoufy K, Lucchini A, Bambi S. Awake Prone Positioning in Nonintubated Patients With Acute Hypoxemic Respiratory Failure. *Crit Care Nurse*. 2023;43:31-41. PMID [36720282](#)
21. **Giuffrida S**, Silano V, Ramacciati N, Prandi C, Baldon A, Bianchi M. Teaching strategies of clinical reasoning in advanced nursing clinical practice: A scoping review. *Nurse Educ Pract*. 2023;67:103548. PMID [36708638](#)
22. Piarulli P, Vizzardi V, Alberici F, Riva H, **Aramini M**, Regusci L, Cippà P, Bellasi A. Peritoneal dialysis discontinuation: to the root of the problem. *J Nephrol*. 2023;36:1763-76. PMID [37747660](#)
23. **Tolotti A**, Cadarin L, **Bonetti L, Valcarengi D**, Pagnucci N. Communication experiences of tracheostomy patients with nurses in the ICU: A scoping review. *J Clin Nurs*. 2023;32:2361-70. PMID [35343019](#)

Case reports

24. Canziani L, Orlando F, **Villa M**, Cassina T. Never Say Never: Successful Extracorporeal Cardiopulmonary Resuscitation (ECPR) Following A Prolonged Out-of-Hospital Cardiac Arrest Due to Spontaneous Coronary Artery Dissection. *Eur J Case Rep Intern Med*. 2023;10:004120. PMID [38077700](#)

Information and Communications Technology Division

Publications are listed in alphabetical order for each section: original articles (including meta-analyses, surveys, research letters, consensus and delphi-based consensus paper); reviews (including systematic reviews without meta-analyses, protocols); editorials or letters or comments; case reports. EOC authors affiliated with the Institute/Department are highlighted in bold.

Original articles

1. Piroso MC, Esposito F, Raia G, Chianca V, Cozzi A, **Ruinelli L**, Ceriani L, Zucca E, Del Grande F, Rizzo S. CT-based body composition in diffuse large B cell lymphoma patients: changes after treatment and association with survival. *Radiol Med.* 2023;128:1497-507. PMID [37752299](#)
2. Trimboli P, Ossola N, Torre A, Mongelli F, Quarenghi M, Camponovo C, Lucchini B, Rotondi M, **Ruinelli L**, Garofalo F. The performance of levothyroxine tablet is impaired by bariatric surgery. *Endocrine.* 2023;80:563-9. PMID [36581744](#)

Laboratories for Translational Research

Publications are listed in alphabetical order for each section: original articles (including meta-analyses, surveys, research letters, consensus and delphi-based consensus paper); reviews (including systematic reviews without meta-analyses, protocols); editorials or letters or comments; case reports. EOC authors affiliated with the Institute/Department are highlighted in bold.

Original articles

1. **Altomare C**, Bartolucci C, Sala L, **Balbi C**, **Burrello J**, **Pietrogiiovanna N**, Burrello A, **Bolis S**, **Panella S**, Arici M, Krause R, Rocchetti M, Severi S, **Barile L**. A dynamic clamping approach using in silico IK1 current for discrimination of chamber-specific hiPSC-derived cardiomyocytes. *Commun Biol*. 2023;6:291. PMID [36934210](#)
2. **Arrigoni C**, Ostano P, **Bersini S**, **Crippa M**, **Colombo MV**, Gilardi M, Zagra L, Mello-Grand M, Gregnanin I, Ghilardi C, Bani MR, **Candrian C**, Chiorino G, **Moretti M**. Differential angiogenesis of bone and muscle endothelium in aging and inflammatory processes. *Commun Biol*. 2023;6:126. PMID [36721025](#)
3. Brambilla S, Guiotto M, Torretta E, Armenia I, **Moretti M**, Gelfi C, Palombella S, di Summa PG. Human platelet lysate stimulates neurotrophic properties of human adipose-derived stem cells better than Schwann cell-like cells. *Stem Cell Res Ther*. 2023;14:179. PMID [37480149](#)
4. **Burrello J**, Monticone S, Burrello A, **Bolis S**, Cristalli CP, Comai G, Corradetti V, Grange C, Orlando G, Bonafè M, La Manna G, **Barile L**, Bussolati B. Identification of a serum and urine extracellular vesicle signature predicting renal outcome after kidney transplant. *Nephrol Dial Transplant*. 2023;38:764-77. PMID [36073758](#)
5. Callari M, **Sola M**, **Magrin C**, Rinaldi A, Bolis M, **Paganetti P**, Colnaghi L, **Papin S**. Cancer-specific association between Tau (MAPT) and cellular pathways, clinical outcome, and drug response. *Sci Data*. 2023;10:637. PMID [37730697](#)
6. Dancourt J, **Piovesana E**, Lavieu G. Efficient cell death mediated by bioengineered killer extracellular vesicles. *Sci Rep*. 2023;13:1086. PMID [36658184](#)
7. Hassan M, **Juanola O**, **Huber S**, Kellmann P, Zimmermann J, **Lazzarini E**, Ganai-Vonarburg SC, Gomez de Agüero M, **Moghadamrad S**. Absence of gut microbiota impairs depletion of Paneth cells but not goblet cells in germ-free Atoh1(lox/lox) ViiCreER(T2) mice. *Am J Physiol Gastrointest Liver Physiol*. 2023;324:G426-g37. PMID [36942864](#)
8. Kirschenbaum D, Dadgar-Kiani E, Catto F, Voigt FF, Trevisan C, Bichsel O, Shirani H, Nilsson KPR, Frontzek KJ, **Paganetti P**, Helmchen F, Lee JH, Aguzzi A. Whole-brain microscopy reveals distinct temporal and spatial efficacy of anti-A β therapies. *EMBO Mol Med*. 2023;15:e16789. PMID [36382364](#)
9. Koetsier E, **Vacchi E**, Maino P, Dukanac J, **Melli G**, van Kuijk SMJ. Dorsal Root Ganglion Stimulation in Chronic Painful Polyneuropathy: A Potential Modulator for Small Nerve Fiber Regeneration. *Neuromodulation*. 2023;26:1772-80. PMID [36192280](#)
10. Kraler S, **Balbi C**, Vdovenko D, Lapikova-Bryhinska T, Camici GG, Liberale L, Bonetti N, Canestro CD, Burger F, Roth A, Carbone F, **Vassalli G**, Mach F, Bhasin S, Wenzl FA, Muller O, Räber L, Matter CM, Montecucco F, Lüscher TF, Akhmedov A. Circulating GDF11 exacerbates myocardial injury in mice and associates with increased infarct size in humans. *Cardiovasc Res*. 2023;119:2729-42. PMID [37742057](#)
11. Lattanzi G, Strati F, Díaz-Basabe A, Perillo F, Amoroso C, Protti G, Rita Giuffrè M, Iachini L, Baeri A, Baldari L, Cassinotti E, Ghidini M, Galassi B, Lopez G, Noviello D, Porretti L, Trombetta E, Messuti E, Mazzarella L, **Iezzi G**, Nicassio F, Granucci F, Vecchi M, Caprioli F, Facciotti F. iNKT cell-neutrophil crosstalk promotes colorectal cancer pathogenesis. *Mucosal Immunol*. 2023;16:326-40. PMID [37004750](#)
12. Lisi V, **Senesi G**, Bertola N, Pecoraro M, **Bolis S**, Gualerzi A, Picciolini S, Raimondi A, Fantini C, Moretti E, Parisi A, Sgrò P, Di Luigi L, Geiger R, Ravera S, **Vassalli G**, Caporossi D, **Balbi C**. Plasma-derived extracellular vesicles released after endurance exercise exert cardioprotective activity through the activation of antioxidant pathways. *Redox Biol*. 2023;63:102737. PMID [37236143](#)
13. **Magrin C**, **Bellafante M**, **Sola M**, **Piovesana E**, Bolis M, Cascione L, Napoli S, Rinaldi A, **Papin S**, **Paganetti P**. Tau protein modulates an epigenetic mechanism of cellular senescence in human SH-SY5Y neuroblastoma cells. *Front Cell Dev Biol*. 2023;11:1232963. PMID [37842084](#)
14. Marchi F, Kessler C, Distefano D, Terzi di Bergamo L, Fumagalli L, Averaimo M, Crupi E, Bergamini F, **Melli G**, Stussi G, Rossi D, Gobbi C, Ripellino P, Pravatà E, Kuhlen DE, Röcken C, Scarone P, Gerber B, Condoluci A. Prevalence of amyloid in ligamentum flavum of patients with lumbar spinal stenosis. *Amyloid*. 2023;30:416-23. PMID [37431662](#)
15. Mondadori C, Chandrakar A, Lopa S, Wieringa P, Talò G, Perego S, Lombardi G, Colombini A, **Moretti M**, Moroni L. Assessing the response of human primary macrophages to defined fibrous architectures fabricated by melt electrowriting. *Bioact Mater*. 2023;21:209-22. PMID [36101857](#)
16. Papini G, Furini G, Matteucci M, **Biemmi V**, Casieri V, Di Lascio N, **Milano G**, Chincoli LR, Faita F, **Barile L**, Lionetti V. Cardiomyocyte-targeting exosomes from sulforaphane-treated fibroblasts affords cardioprotection in infarcted rats. *J Transl Med*. 2023;21:313. PMID [37161563](#)
17. Pérez-Berlanga M, Wiersma VI, Zbinden A, De Vos L, Wagner U, **Foglieni C**, Mallona I, Betz KM, Cléry A, Weber J, Guo Z, Rigort R, de Rossi P, Manglunia R, Tantardini E, Sahadevan S, Stach O, Hruska-Plochan M, Allain FH, **Paganetti P**, Polymenidou M. Loss of TDP-43 oligomerization or RNA binding elicits distinct aggregation patterns. *Embo j*. 2023;42:e111719. PMID [37431963](#)
18. **Pinton S**, **Vacchi E**, **Chiaro G**, Raimondi A, Tzankov A, Gerber B, **Gobbi C**, **Kaelin-Lang**

- A, Melli G.** Amyloid detection and typing yield of skin biopsy in systemic amyloidosis and polyneuropathy. *Ann Clin Transl Neurol.* 2023;10:2347-59. PMID [37849451](#)
19. **Piovesana E, Magrin C,** Cicaldo M, **Sola M,** Bellotto M, Molinari M, **Papin S, Paganetti P.** Tau accumulation in degradative organelles is associated to lysosomal stress. *Sci Rep.* 2023;13:18024. PMID [37865674](#)
 20. Ridolfi A, Conti L, Brucale M, Frigerio R, Cardellini J, Musicò A, Romano M, Zandrini A, Polito L, Bergamaschi G, Gori A, Montis C, **Panella S, Barile L,** Berti D, Radeghieri A, Bergese P, Cretich M, Valle F. Particle profiling of EV-lipoprotein mixtures by AFM nanomechanical imaging. *J Extracell Vesicles.* 2023;12:e12349. PMID [37855042](#)
 21. Sasaki H, Hirose T, Oura T, Otsuka R, Rosales I, Ma D, Lassiter G, Karadagi A, Tomosugi T, Dehnadi A, Matsunami M, Raju Paul S, Reeves PM, Hanekamp I, Schwartz S, Colvin RB, Lee H, Spitzer TR, Cosimi AB, **Cippà PE,** Fehr T, Kawai T. Selective Bcl-2 inhibition promotes hematopoietic chimerism and allograft tolerance without myelosuppression in nonhuman primates. *Sci Transl Med.* 2023;15:eadd5318. PMID [37018417](#)
 22. **Sola M, Rendon-Angel A, Rojo Martinez V,** Sgrignani J, **Magrin C, Piovesana E,** Cavalli A, **Paganetti P, Papin S.** Tau protein binds to the P53 E3 ubiquitin ligase MDM2. *Sci Rep.* 2023;13:10208. PMID [37353565](#)
 23. Szabo L, Cummins N, **Paganetti P,** Odermatt A, Papassotiropoulos A, Karch C, Götz J, Eckert A, Grimm A. ER-mitochondria contacts and cholesterol metabolism are disrupted by disease-associated tau protein. *EMBO Rep.* 2023;24:e57499. PMID [37401859](#)
 - identification and characterization of extracellular vesicles in cardiovascular studies: from exosomes to microvesicles. *Cardiovasc Res.* 2023;119:45-63. PMID [35325061](#)
 29. Kirundi J, **Moghadamrad S,** Urbaniak C. Microbiome-liver crosstalk: A multitarget therapeutic target for liver disease. *World J Gastroenterol.* 2023;29:1651-68. PMID [37077519](#)
 30. **Lamouline A, Bersini S, Moretti M.** In vitro models of breast cancer bone metastasis: analyzing drug resistance through the lens of the microenvironment. *Front Oncol.* 2023;13:1135401. PMID [37182144](#)
 31. Lisi V, **Senesi G, Balbi C.** Converging protective pathways: Exploring the linkage between physical exercise, extracellular vesicles and oxidative stress. *Free Radic Biol Med.* 2023;208:718-27. PMID [37739138](#)
 32. Pires AS, Bollini S, Botelho MF, Lang-Olip I, Ponsaerts P, **Balbi C,** Lange-Consiglio A, Fénelon M, Mojsilović S, Berishvili E, Cremonesi F, Gazouli M, Bugarski D, Gellhaus A, Kerdjoudj H, Schoeberlein A. Guidelines to Analyze Preclinical Studies Using Perinatal Derivatives. *Methods Protoc.* 2023;6:45. PMID [37218905](#)
 33. **Schiano C, Balbi C,** de Nigris F, Napoli C. Basic Pathogenic Mechanisms and Epigenetic Players Promoted by Extracellular Vesicles in Vascular Damage. *Int J Mol Sci.* 2023;24:7509. PMID [37108672](#)
 34. van Nieuwenhoven FA, Schroen B, **Barile L,** van Middendorp L, Prinzen FW, Auricchio A. Plasma Extracellular Vesicles as Liquid Biopsy to Unravel the Molecular Mechanisms of Cardiac Reverse Remodeling Following Resynchronization Therapy? *J Clin Med.* 2023;12:665. PMID [36675594](#)

Reviews

24. Andriolo G, Provasi E, Brambilla A, **Panella S,** Soncin S, Cicero VL, Radrizzani M, Turchetto L, **Barile L.** Methodologies for Scalable Production of High-Quality Purified Small Extracellular Vesicles from Conditioned Medium. *Methods Mol Biol.* 2023;2668:69-98. PMID [37140791](#)
25. Ceranski AK, Carreño-Gonzalez MJ, Ehlers AC, **Colombo MV,** Cidre-Aranaz F, Grünwald TGP. Hypoxia and HIFs in Ewing sarcoma: new perspectives on a multi-faceted relationship. *Mol Cancer.* 2023;22:49. PMID [36915100](#)
26. **Cippà PE,** McMahon AP. Proximal tubule responses to injury: interrogation by single-cell transcriptomics. *Curr Opin Nephrol Hypertens.* 2023;32:352-8. PMID [37074682](#)
27. Colombini A, Libonati F, Lopa S, Peretti GM, **Moretti M,** de Girolamo L. Autologous chondrocyte implantation provides good long-term clinical results in the treatment of knee osteoarthritis: a systematic review. *Knee Surg Sports Traumatol Arthrosc.* 2023;31:2338-48. PMID [35716187](#)
28. Davidson SM, Boulanger CM, Aikawa E, Badimon L, **Barile L,** Binder CJ, Brisson A, Buzas E, Emanuelli C, Jansen F, Katsur M, Lacroix R, Lim SK, Mackman N, Mayr M, Menasché P, Nieuwland R, Sahoo S, Takov K, Thum T, Vader P, Wauben MHM, Witwer K, Sluijter JPG. Methods for the

Editorials or letters or comments

35. **Balbi C,** Smart N. Epicardioids: a novel tool for cardiac regeneration research? *Cardiovasc Res.* 2023;119:e164-e6. PMID [38006323](#)
36. **Barile L.** Extracellular Vesicles as Bridges Between Host Immune Cells and Graft Organ During Cellular Rejection. *JACC Basic Transl Sci.* 2023;8:457-9. PMID [37325403](#)
37. **Cippà PE,** Mueller TF. A First Step Toward a Cross-tissue Atlas of Immune Cells in Humans. *Transplantation.* 2023;107:8-9. PMID [36508643](#)

Clinical Trial Unit EOC

Publications are listed in alphabetical order for each section: original articles (including meta-analyses, surveys, research letters, consensus and delphi-based consensus paper); reviews (including systematic reviews without meta-analyses, protocols); editorials or letters or comments; case reports. EOC authors affiliated with the Institute/Department are highlighted in bold.

Original articles

1. Addetia A, Piccoli L, Case JB, Park YJ, Beltramello M, Guarino B, Dang H, de Melo GD, Pinto D, Sprouse K, Scheaffer SM, Bassi J, Silacci-Fregni C, Muoio F, Dini M, Vincenzetti L, Acosta R, Johnson D, Subramanian S, Saliba C, Giurdanella M, Lombardo G, Leoni G, Culap K, McAlister C, Rajesh A, Dellota E, Jr., Zhou J, Farhat N, Bohan D, Noack J, Chen A, Lempp FA, Quispe J, Kergoat L, Larrous F, Cameroni E, Whitener B, Giannini O, Cippà P, **Ceschi A**, Ferrari P, Franzetti-Pellanda A, Biggiogero M, Garzoni C, Zappi S, Bernasconi L, Kim MJ, Rosen LE, Schnell G, Czudnochowski N, Benigni F, Franko N, Logue JK, Yoshiyama C, Stewart C, Chu H, Bourhy H, Schmid MA, Purcell LA, Snell G, Lanzavecchia A, Diamond MS, Corti D, Veessler D. Neutralization, effector function and immune imprinting of Omicron variants. *Nature*. 2023;621:592-601. PMID [37648855](#)
2. Bertolini G, **Pagnamenta A**, Kunz A, Del Torso A, Bron D. Reduction of the vertical vestibulo-ocular reflex in military aircraft pilots exposed to tactical, high-performance flight. *Front Neurol*. 2023;14:949227. PMID [37360332](#)
3. Bulleri E, Fusi C, Bambi S, Pisani L, Galesi A, Rizzello E, Lucchini A, Merlani P, **Pagnamenta A**. Efficacy of endotracheal tube clamping to prevent positive airways pressure loss and pressure behavior after reconnection: a bench study. *Intensive Care Med Exp*. 2023;11:36. PMID [37386327](#)
4. Hitz P, **Pagnamenta A**, Pertusini L, **Terrot T**, **Franzosi Y**, Bassi J, Silacci-Fregni C, Gaia V, Martinetti G, Keller F, Berwert L, Ognà VF, Lavorato-Hadjeres S, Giunzioni D, D'Ermo A, Valnegri A, Ferrari P, Corti D, **Ceschi A**, Cippà P, Piccoli L, Giannini O. Prevalence of SARS-CoV-2 infection and impact of vaccination in dialysis patients over two years of the pandemic. *J Nephrol*. 2023;36:2665-7. PMID [37702913](#)
5. Marzi R, Bassi J, Silacci-Fregni C, Bartha I, Muoio F, Culap K, Sprugasci N, Lombardo G, Saliba C, Cameroni E, Cassotta A, Low JS, Walls AC, McCallum M, Tortorici MA, Bowen JE, Dellota EA, Jr., Dillen JR, Czudnochowski N, Pertusini L, **Terrot T**, Lepori V, Tarkowski M, Riva A, Biggiogero M, Franzetti-Pellanda A, Garzoni C, Ferrari P, **Ceschi A**, Giannini O, Havenar-Daughton C, Telenti A, Arvin A, Virgin HW, Sallusto F, Veessler D, Lanzavecchia A, Corti D, Piccoli L. Maturation of SARS-CoV-2 Spike-specific memory B cells drives resilience to viral escape. *iScience*. 2023;26:105726. PMID [36507220](#)
6. Meani F, Barbalace G, Meroni D, Pagani O, Perriard U, **Pagnamenta A**, Aliverti A, Meroni E. Electrical Impedance Spectroscopy for Ex-Vivo

- Breast Cancer Tissues Analysis. *Ann Biomed Eng*. 2023;51:1535-46. PMID [37061594](#)
7. Nosedà R, Bedussi F, Gobbi C, **Ceschi A**, Zecca C. Safety profile of monoclonal antibodies targeting the calcitonin gene-related peptide system in pregnancy: Updated analysis in VigiBase®. *Cephalgia*. 2023;43:3331024231158083. PMID [36855950](#)
8. Nosedà R, Franchi M, **Pagnamenta A**, Müller L, Dines AM, Giraudon I, Heyerdahl F, Eyer F, Hovda KE, Liechti ME, Miró Ò, Vallersnes OM, Yates C, Dargan PI, Wood DM, **Ceschi A**. Determinants of Admission to Critical Care Following Acute Recreational Drug Toxicity: A Euro-DEN Plus Study. *J Clin Med*. 2023;12:5970. PMID [37762912](#)
9. Nosedà R, Müller L, Bedussi F, Fusaroli M, Raschi E, **Ceschi A**. Immune Checkpoint Inhibitors and Pregnancy: Analysis of the VigiBase® Spontaneous Reporting System. *Cancers (Basel)*. 2023;15:173. PMID [36612168](#)
10. Nosedà R, Rea F, **Pagnamenta A**, Agazzi P, Bianco G, Sihabdeen S, Seiffge D, Michel P, Nedeltchev K, Bonati L, Kägi G, Niederhauser J, Nyffeler T, Luft A, Wegener S, Schelosky L, Medlin F, Rodic B, Peters N, Renaud S, Mono ML, Carrera E, Fischer U, **Ceschi A**, Cereda CW. Sex Differences in Outcomes of Intravenous Thrombolysis in Acute Ischemic Stroke Patients with Preadmission Use of Antiplatelets. *CNS Drugs*. 2023;37:351-61. PMID [36976463](#)
11. Piroso MC, Esposito F, Raia G, Chianca V, Cozzi A, **Ruinelli L**, Ceriani L, Zucca E, Del Grande F, Rizzo S. CT-based body composition in diffuse large B cell lymphoma patients: changes after treatment and association with survival. *Radiol Med*. 2023;128:1497-507. PMID [37752299](#)
12. Trimboli P, Ossola N, Torre A, Mongelli F, Quarenghi M, Camponovo C, Lucchini B, Rotondi M, **Ruinelli L**, Garofalo F. The performance of levothyroxine tablet is impaired by bariatric surgery. *Endocrine*. 2023;80:563-9. PMID [36581744](#)
13. Van Singer M, Brahier S, Koch J, Hugli PO, Weckman AM, Zhong K, Kain TJ, Leligdowicz A, Bernasconi E, **Ceschi A**, Parolari S, Vuichard-Gysin D, Kain KC, Albrich WC, Boillat-Blanco N. Validation of sTREM-1 and IL-6 based algorithms for outcome prediction of COVID-19. *BMC Infect Dis*. 2023;23:630. PMID [37752433](#)

Reviews

14. Graff V, Gabutti L, Treglia G, **Pascale M**, Anselmi L, Cafarotti S, La Regina D, Mongelli F, Saporito A. Perioperative costs of local or regional anesthesia versus general anesthesia in the outpatient setting: a systematic review of recent literature. *Braz J Anesthesiol*. 2023;73:316-39. PMID [34627828](#)

Other EOC Services

Publications are listed in alphabetical order for each section: original articles (including meta-analyses, surveys, research letters, consensus and delphi-based consensus paper); reviews (including systematic reviews without meta-analyses, protocols); editorials or letters or comments; case reports. EOC authors affiliated with the Institute/Department are highlighted in bold.

Original articles

1. Hitz P, Pagnamenta A, Pertusini L, Terrot T, Franzosi Y, Bassi J, Silacci-Fregni C, Gaia V, Martinetti G, Keller F, Berwert L, Ogna VF, Lavorato-Hadjeres S, Giunzioni D, **D'Ermo A**, **Valnegri A**, Ferrari P, Corti D, Ceschi A, Cippà P, Piccoli L, Giannini O. Prevalence of SARS-CoV-2 infection and impact of vaccination in dialysis patients over two years of the pandemic. *J Nephrol.* 2023;36:2665-7. PMID [37702913](#)
2. Saporito A, Tassone C, Di Iorio A, Barbieri Saraceno M, **Bressan A**, Pini R, Mongelli F, La Regina D. Six Sigma can significantly reduce costs of poor quality of the surgical instruments sterilization process and improve surgeon and operating room personnel satisfaction. *Sci Rep.* 2023;13:14116. PMID [37644121](#)
3. Meyer A, Mazzara C, Lava SAG, **Treglia G**, Bianchetti MG, Goeggel Simonetti B, Simonetti GD. Neurological complications of rotavirus infection in children: A systematic review and meta-analysis. *Acta Paediatr.* 2023;112:1565-73. PMID [36951625](#)
4. Vonbach P, Lutters M, **Waldispühl Suter B**, Voirol P, Higi L, Hufschmid Thurnherr E. Digitalisation of the drug prescribing process in Swiss hospitals - results of a survey. *Eur J Hosp Pharm.* 2023;30:e101-e5. PMID [36307184](#)

Reviews

5. Trimboli P, Mian C, Piccardo A, **Treglia G**. Diagnostic tests for medullary thyroid carcinoma: an umbrella review. *Endocrine.* 2023;81:183-93. PMID [36877452](#)

Impressum

© 2024 Ente Ospedaliero Cantonale

Conception, acquisition, analysis and interpretation of data, editing
EOC Medical Education and Research Division
servizio.ricerca@eoc.ch

Editorial board

Prof. B. Lepori (USI)
M. Pascale, PhD (EOC)
Prof. Dr. G. Treglia (EOC)

Graphic design

Servizio di Comunicazione EOC

Photos

Archivio EOC
Archivio USI
Alessandro Crinari
Alain Intraina
Studio PAGI
Adobe Stock



Università
della
Svizzera
italiana