

KSA

2024

Wissenschaftliche  
Publikationen

**BEREICH CHIRURGIE****Klinik für Hals-, Nasen-, Ohrenkrankheiten, Hals- und Gesichtschirurgie**

Chiesa-Estomba CM, Speth MM, Mayo-Yanez M, Liu DT, Maniaci A, Borsetto D: **Is the evolving role of artificial intelligence and chatbots in the field of otolaryngology embracing the future?** *Eur Arch Otorhinolaryngol* 2024, 281(4):2179-2180. IF 1.9

Dietze A, Neyer PJ, Speth MM, Metzler P, Elicin O, Balermpas P, Aebersold DM, Riesterer O, Stieb S: **Therapy-Associated Saliva and Taste change Evaluation (TASTE) in head & neck cancer patients undergoing radiotherapy: a study protocol.** *BMC Cancer* 2024, 24(1):865. IF 3.4

Jeker R, Marz L, Horvath L: **The Thyrohyoid Syndrome: Promoting Awareness with a Case Report and Systematic Review of the Literature.** *Diagnostics (Basel)* 2024, 14(12). IF 3

Schmid A, Ahmad N, Haubitz S, Speth MM: **Disseminated nocardiosis presenting as a superinfected thyroglossal duct cyst in a patient with diabetes.** *BMJ Case Rep* 2024, 17(6). IF 0.6

Speth MM, Brandle R, Saleh H: **A 70-Year-Old Woman with a Sensation of Something Moving in Her Nose.** *NEJM Evid* 2024, 3(4):EVIDmr2300351.

Staruch M, Speth MM, Neyer P, Riesterer O, Aebersold DM, Stieb S: **Radiation-associated changes in saliva composition of head and neck cancer patients: A systematic review.** *Radiother Oncol* 2024, 196:110279. IF 4.9

**Klinik für Mund-, Kiefer- und Gesichtschirurgie**

Dietze A, Neyer PJ, Speth MM, Metzler P, Elicin O, Balermpas P, Aebersold DM, Riesterer O, Stieb S: **Therapy-Associated Saliva and Taste change Evaluation (TASTE) in head & neck cancer patients undergoing radiotherapy: a study protocol.** *BMC Cancer* 2024, 24(1):865. IF 3.4

Eglin M, Schmid JP, Ronel J, Khatami R, Leiggner C, Koenig HG, Hefti R: **Impact of social support and religiosity/spirituality on recovery from acute cardiac events and heart surgery in Switzerland.** *Int J Psychiatry Med* 2024, 59(5):595-609. IF 1.1

Sabev B, Abazi S, Patcas R, Hertig G, Meyer S, Rommers N, Thieringer FM, Metzler P: **Fully digital occlusion planning in orthognathic surgery – A crossover study.** *J Craniomaxillofac Surg* 2024, 52(11):1348-1353. IF 2.1

**Klinik für Plastische Chirurgie und Handchirurgie**

Chen Y, Steiner S, Hagedorn C, Kollar S, Pliego-Mendieta A, Haberecker M, Plock J, Britschgi C, Planas-Paz L, Pauli C: **Acquired NF2 mutation confers resistance to TRK inhibition in an ex vivo LMNA::NTRK1-rearranged soft-tissue sarcoma cell model.** *J Pathol* 2024, 263(2):257-269. IF 5.6

Kappos EA, Wendelspiess SR, Stoffel J, Djedovic G, Rieger UM, Bannasch H, Fritzsche E, Constantinescu M, Andric M, Croner RS, Schmidt VJ, Plock J, Schaefer DJ, Horch RE: **[Reconstruction of Oncological Defects in the Pelvic-perineal Region: Report on the Consensus Workshop at the 44th Annual Meeting of the DAM 2023 in Bern, CH].** *Handchir Mikrochir Plast Chir* 2024, 56(4):269-278. IF 0.4

Perl T, Jacquemai M, Pedrazzi N, Grobholz R, Glaab R, Conen A, Plock JA: **Gas gangrene with Clostridium septicum in a neutropenic patient.** *Infection* 2024. IF 5.4

Tereshenko V, Aszmann OC, Eberlin KR, Schweizer R, Austen WG, Jr., Dellon AL, Klein HJ: **Beyond the Tingling Sensation: Unveiling the Neurobiological Origin of the Hoffmann-Tinel Sign.** *Plast Reconstr Surg* 2024, 153(4):857e-859e. IF 3.2

Turan TL, Klein HJ, Graf TR, Chillon TS, Plock JA, Schomburg L: **New-onset autoantibodies to selenoprotein P following severe burn injury.** *Front Immunol* 2024, 15:1422781. IF 5.7

Turan TL, Klein HJ, Rijntjes E, Graf TR, Demircan K, Plock JA, Schomburg L: **Selenoprotein P as a prognostic biomarker of burn sepsis: A prospective cohort study.** *Burns* 2024, 51(1):107314. IF 3.2

**BEREICH CHIRURGIE****Klinik für Traumatologie und Orthopädie**

Karbysheva S, Morovic P, Bellova P, Berger MS, Stiehler M, Meller S, Kirschbaum S, Lindenlaub P, Zgraggen A, Oberle M, Fuchs M, Perka C, Trampuz A, Conen A: **Synovial fluid D-lactate – a pathogen-specific biomarker for septic arthritis: a prospective multi-center study.** *Clin Chem Lab Med* 2024; IF 3.8

Neumann-Langen MV, Eggeling L, Glaab R, von Rehlingen-Prinz F, Kosters C, Herbst E: **Hoffa fractures are associated with concomitant soft tissue injuries and a high postoperative complication rate.** *Arch Orthop Trauma Surg* 2024; 144(2):747-754. IF 2

Perl T, Jacquemai M, Pedrazzi N, Grobholz R, Glaab R, Conen A, Plock JA: **Gas gangrene with Clostridium septicum in a neutropenic patient.** *Infection* 2024. IF 5.4

Siebenrock KA, Steppacher SD, Ziebarth K, Schwab JM, Buchler L: **Modified Dunn Procedure for Open Reduction of Chronic Slipped Capital Femoral Epiphysis.** *JBJS Essent Surg Tech* 2024; 14(3).

Staruch M, Gomez S, Rogers S, Takacs I, Kern T, Adler S, Cadosch D, Riesterer O: **Low-dose radiotherapy for greater trochanteric pain syndrome—a single-centre analysis.** *Strahlenther Onkol* 2024; 200(2):128-133. IF 2.7

**Neurochirurgie**

Anderegg L, Bosshart SL, Marbacher S, Gruter BE, Berberat J, Schubert GA, Anon J, Diepers M, Steiger HJ, Remonda L, Gruber P: **Long-Term Hemorrhage and Reperfusion Rates of Coiled Aneurysms: A Single-Center Experience.** *J Clin Med* 2024; 13(17). IF 3

Anderegg L, Gralla J, Christ E: **The diagnostic yield of inferior petrosal sinus sampling in Cushing syndrome in the era of ovine CRH shortage.** *Acta Neurochir (Wien)* 2024; 166(1):167. IF 1.9

Anderegg L, Tortora A, Schubert GA, Musahl C, Frey J, Stieger A, Kobel B, Luedi MM, Roethlisberger M, Mariani L, Beck J, Christ E: **Characteristics and outcomes of men with erectile dysfunction as the presenting symptom due to a lactotroph adenoma.** *Acta Neurochir (Wien)* 2024; 166(1):314. IF 1.9

Asadauskas A, Luedi MM, Urman RD, Anderegg L: **Modern Approaches to the Treatment of Acute Facial Pain.** *Curr Pain Headache Rep* 2024; 28(8):793-801. IF 3.2

Asadauskas A, Stieger A, Luedi MM, Anderegg L: **Advancements in Modern Treatment Approaches for Central Post-Stroke Pain: A Narrative Review.** *J Clin Med* 2024; 13(18). IF 3

Bandhauer B, Gruber P, Anderegg L, Berberat J, Wanderer S, Cattaneo M, Schubert GA, Remonda L, Marbacher S, Gruter BE: **From conservative to interventional management in unruptured intracranial aneurysms.** *J Neurosurg* 2024; 1-7. IF 3.5

Beck J, Fung C, Strbian D, Butikofer L, Z'Graggen WJ, Lang MF, Beyeler S, Gralla J, Ringel F, Schaller K, Plesnila N, Arnold M, Hacke W, Juni P, Mendelow AD, Stapf C, Al-Shahi Salman R, Bressan J, Lerch S, Hakim A, Martinez-Majander N, Piippo-Karjalainen A, Vajkoczy P, Wolf S, Schubert GA, Hollig A, Veldeman M, Roelz R, Gruber A, Rauch P, Mielke D, Rohde V, Kerz T, Uhl E, Thanasi E, Huttner HB, Kallmunzer B, Jaap Kappelle L, Deinsberger W, Roth C, Lemmens R, Leppert J, Sanmillan JL, Coutinho JM, Hackenberg KAM, Reimann G, Mazighi M, Bassetti CLA, Mattle HP, Raabe A, Fischer U, investigators Ss: **Decompressive craniectomy plus best medical treatment versus best medical treatment alone for spontaneous severe deep supratentorial intracerebral hemorrhage: a randomised controlled clinical trial.** *Lancet* 2024; 403(10442):2395-2404. IF 98.4

Bogli SY, Olakorede I, Veldeman M, Beqiri E, Weiss M, Schubert GA, Willms JF, Keller E, Smielewski P: **Predicting outcome after aneurysmal subarachnoid hemorrhage by exploitation of signal complexity: a prospective two-center cohort study.** *Crit Care* 2024; 28(1):163. IF 8.8

Botea MO, Anderegg L, Urman RD, Luedi MM, Romero CS: **Cannabinoids for Acute Pain Management: Approaches and Rationale.** *Curr Pain Headache Rep* 2024; 28(7):681-689. IF 3.2

Deininger MM, Weiss M, Wied S, Schlycht A, Haehn N, Marx G, Hoellig A, Schubert GA, Breuer T: **Value of Glycemic Indices for Delayed Cerebral Ischemia after Aneurysmal Subarachnoid Hemorrhage: A Retrospective Single-Center Study.** *Brain Sci* 2024; 14(9). IF 2.7

Ebel F, Amstutz S, Wanderer S, Unterhofer M, Toulany N, Marbacher S, Soleman J: **Effect of cranial entry site on the rate of proximal catheter misplacement in ventriculoperitoneal shunt insertion.** *J Neurosurg* 2024; 141(5):1418-1426. IF 3.5

Ebrahimi F, Anderegg L, Christ ER: **Morbidities and mortality among hospitalized patients with hypopituitarism: Prevalence, causes and management.** *Rev Endocr Metab Disord* 2024; 25(3):599-608. IF 6.9

Filipovic MG, Huber M, Kobel B, Bello C, Levis A, Anderegg L, Kakizaki R, Stuber F, Raber L, Luedi MM: **Association of Preoperative Copeptin Levels with Risk of All-Cause Mortality in a Prospective Cohort of Adult Cardiac Surgery Patients.** *Cells* 2024; 13(14). IF 5.1

**BEREICH CHIRURGIE**

Gousias K, Hoyer A, Mazurczyk LA, Bartek J, Jr., Bruneau M, Celikci E, Foroglou N, Freyschlag C, Grossman R, Jungk C, Metellus P, Netuka D, Rola R, Schucht P, Senft C, Signorelli F, Vincent A, Simon M, group ESN-oESw: **Expertise in surgical neuro-oncology.**

**Results of a survey by the EANS neuro-oncology section.** *Brain Spine* 2024, 4:102822. IF 1.9

Gruter BE, Catalano K, Anon J, Gruber P, Thanabalasingam A, Anderegg L, Schubert GA, Remonda L, Marbacher S: **Intra-aneurysmal contrast agent stasis during intraoperative digital subtraction angiography may predict long-term occlusion after clipping.** *Acta Neurochir (Wien)* 2024, 166(1):309. IF 1.9

Hallenberger TJ, Fischer U, Bonati LH, Dutilh G, Mucklow R, Vogt AS, Boeni-Eckstein C, Cardia A, Schubert GA, Bijlenga P, Messerer M, Raabe A, Akeret K, Zweifel C, Kuhle J, Alfieri A, Fournier JY, Fandino J, Hostettler IC, Schneider UC, Guzman R, Soleman J: **Early minimally invasive image-guided endoscopic evacuation of intracerebral hemorrhage (EMINENT-ICH): a randomized controlled trial.** *Trials* 2024, 25(1):692. IF 2

Huber C, Berberat J, Sassenburg R, Pflugl S, Anon J, Diepers M, Anderegg L, Kahles T, Luft AR, Nedeltchev K, Remonda L, Gruber P: **Age and Stroke Severity Matter Most for Clinical Outcome in Acute Arteriosclerotic Tandem Lesions.** *J Clin Med* 2024, 13(8). IF 3

Huber M, Luedi MM, Schubert GA, Musahl C, Tortora A, Frey J, Beck J, Mariani L, Christ E, Anderegg L: **Gender-specific prolactin thresholds to determine prolactinoma size: a novel Bayesian approach and its clinical utility.** *Front Surg* 2024, 11:1363431. IF 1.6

Jost J, Anderegg L: **Pseudomeningocele Mimicking Sciatica.** *World Neurosurg* 2024, 188:124-125. IF 1.9

Keil F, Hagemes F, Setzer M, Behmanesh B, Marquardt G, Hattingen E, Prinz V, Czabanka M, Bruder M: **Minimal Invasive Pre-Op CT-Guided Gold-Fiducials in Local Anesthesia for Easy Level Localization in Thoracic Spine Surgery.** *J Clin Med* 2024, 13(19). IF 3

Kraus LM, Overstijns M, Rahal AE, Behringer S, Buttler KJ, Anderegg L, Beck J, Schnell O, Hornuss D, Wagner D, Cipriani D: **Sporadic brain abscess formation: challenge of a shifting pathogen spectrum over the last 21 years – a single center experience.** *Acta Neurochir (Wien)* 2024, 166(1):453. IF 1.9

Kummer I, Luthi A, Klingler G, Anderegg L, Urman RD, Luedi MM, Stieger A: **Adjuvant Analgesics in Acute Pain – Evaluation of Efficacy.** *Curr Pain Headache Rep* 2024, 28(9):843-852. IF 3.2

Nevzati E, Rey J, Spiessberger A, Moser M, Roethlisberger M, Gruter BE, Widmer HR, Coluccia D, Marbacher S: **Aneurysm healing following treatment with biodegradable embolization materials: assessment in a rat sidewall aneurysm model.** *J Neurointerv Surg* 2024, 17(e1):e178-e184. IF 4.5

Olivier M, Kraus LM, Brandenburg LS, Anderegg L, Fung C, Beck J, Schnell O, Cipriani D: **Undetected permanent dental inflammation as a possible trigger for brain abscesses? A retrospective analysis over the last 2 decades.** *Acta Neurochir (Wien)* 2024, 166(1):313. IF 1.9

Ovchinnikov A, Anderegg L, Rogers S, Gschwind M: **Visual hallucinations after resection of cerebral metastases: two patients with complex phantom images.** *Strahlenther Onkol* 2024, 200(9):832-837. IF 2.7

Park S, Begiri E, Smielewski P, Aries M, Clinicca: **Inaugural State of the Union: Continuous Cerebral Autoregulation Monitoring in the Clinical Practice of Neurocritical Care and Anesthesia.** *Neurocrit Care* 2024, 40(3):855-864. IF 3.1

Rogers S, Gross M, Ermis E, Cosgun G, Baumert BG, Mader T, Schroeder C, Lomax N, Alonso S, Ademaj A, Lazeroms T, Lee SY, Mayinger M, Mamot C, Schwyzer L, Schubert GA, Riesterer O: **Re-irradiation for recurrent glioblastoma: a pattern of care analysis.** *BMC Neurol* 2024, 24(1):462. IF 2.2

Rogers S, Schwyzer L, Lomax N, Alonso S, Lazeroms T, Gomez S, Diahovets K, Fischer I, Schwenne S, Ademaj A, Berkemann S, Tortora A, Marbacher S, Remonda L, Schubert GA, Riesterer O: **Preoperative radiosurgery for brain metastases (PREOP-1): A feasibility trial.** *Clin Transl Radiat Oncol* 2024, 47:100798. IF 2.7

Schlosser L, Luedi MM, Anderegg L: **Key factors in the preoperative management of patients undergoing awake craniotomy for language mapping.** *J Clin Anesth* 2024, 94:111419. IF 5

Shipman H, Monsour M, Foley MM, Marbacher S, Croci DM, Bisson EF: **Interleukin-6 in Spinal Cord Injury: Could Immunomodulation Replace Immunosuppression in the Management of Acute Traumatic Spinal Cord Injuries?** *J Neurol Surg A Cent Eur Neurosurg* 2024, 85(6):602-609. IF 0.9

Stieger A, Huber M, Yu Z, Kessler BM, Fischer R, Anderegg L, Kobel B, Stueber F, Luedi MM, Filipovic MG: **Association of Indoleamine 2,3-Dioxygenase (IDO) Activity with Outcome after Cardiac Surgery in Adult Patients.** *Metabolites* 2024, 14(6). IF 3.5

Stieger A, Romero CS, Anderegg L, Heisenberg D, Urman RD, Luedi MM: **Nerve Blocks for Craniotomy.** *Curr Pain Headache Rep* 2024, 28(5):307-313. IF 3.2

Ulmer S, Gruber P, Schubert GA, Remonda L, Marbacher S, Gruter BE: **Combined Microsurgical and Endovascular Intracranial Aneurysm Treatment: Interdisciplinary Experience Using a True Hybrid Approach and a Systematic Review of the Literature.** *Brain Sci* 2024, 14(8). IF 2.7

**BEREICH CHIRURGIE**

Veldeman M, Rossmann T, Haeren R, Vossen LV, Weiss M, Conzen C, Siironen JO, Korja M, Schmidt TP, Hollig A, Virta JJ, Satopaa J, Luostarinen T, Wiesmann M, Clusmann H, Niemela M, Raj R: **Delayed Cerebral Infarction After Aneurysmal Subarachnoid Hemorrhage: Location, Distribution Patterns, Infarct Load, and Effect on Outcome.** *Neurology* 2024, 103(3):e209607. IF 7.7

Vossen LV, Weiss M, Albanna W, Conzen-Dilger C, Schulze-Steinen H, Rossmann T, Schmidt TP, Hollig A, Wiesmann M, Clusmann H, Schubert GA, Veldeman M: **Intra-arterial nimodipine for the treatment of refractory delayed cerebral ischemia after aneurysmal subarachnoid hemorrhage.** *J Neurointerv Surg* 2024, 17(e1):e31-e40. IF 4.5

**Ophthalmologie**

Cervera-Negueruela M, Chee L, Cimolato A, Valle G, Tschoopp M, Menke M, Papazoglou A, Raspopovic S: **Bionic blink improves real-time eye closure in unilateral facial paralysis.** *J Neural Eng* 2024, 21(2). IF 3.7

Menna F, Tschoopp M, Meyer P, Papazoglou A: **A Case of Conjunctival Melanoma Presenting as a Squamous Cell Carcinoma.** *Case Rep Ophthalmol* 2024, 15(1):742-750. IF 0.5

Papazoglou A, Hohn R, Schawkat M, Tappeiner C, Iliev M, Gugleta K, Saletta G, Wiencierz A, Wagels B, Todorova MG, Krzyzanowska I, Toteberg-Harms M, Tschoopp M: **Swiss Multicenter Ab Interno XEN45 Gel Stent Study: 2-Year Real-World Data.** *Ophthalmol Ther* 2024, 13(6):1513-1525. IF 2.6

**Universitäres Zentrum für Gefäßchirurgie Aarau/Basel**

Nessenius F, Zucal I, Allmann JK, Spreitzer S, Marti R: **Incidental deep soft tissue leiomyoma of the groin – a case report and comprehensive review of literature.** *J Surg Case Rep* 2024, 2024(1):rjae020. IF 0.4

**Urologie**

Afferi L, Spahn M, Hayoz S, Strebler RT, Rothschild SI, Seifert H, Ozdemir BC, Kiss B, Maletzki P, Engeler D, Wirth G, Hadashik B, Lucca I, John H, Sauer A, Muntenier M, Bubendorf L, Schneider M, Musilova J, Petrasch U, Cathomas R, Swiss Group for Clinical Cancer R: **Safety and quality of cystectomy and pelvic lymph node dissection after neoadjuvant durvalumab and cisplatin/gemcitabine.** *BJU Int* 2024, 134(3):388-397. IF 3.7

Bovo A, Kwiatkowski M, Manka L, Wetterauer C, Fux CA, Cattaneo M, Wyler SF, Praise L: **Comparison of ciprofloxacin versus fosfomycin versus fosfomycin plus trimethoprim/sulfamethoxazole for preventing infections after transrectal prostate biopsy.** *World J Urol* 2024, 42(1):356. IF 2.8

Kaufmann E, Aepli S, Arnold W, Balermpas P, Beyer J, Bieri U, Cathomas R, de Bari B, Dressler M, Engeler DS, Erdmann A, Gallina A, Gomez S, Guckenberger M, Herrmann TRW, Hermanns T, Ilaria L, John H, Kessler TM, Klein J, Laouiti M, Lauffer D, Mattei A, Munter M, Nguyen D, Niederberger P, Papachristofilou A, Praise L, Reinhardt K, Salati E, Sebe P, Shelan M, Strebler R, Templeton AJ, Vogl U, Wettstein MS, Zihler D, Zilli T, Zwahlen D, Roth B, Fankhauser C: **Follow-up strategies after trimodal treatment for muscle-invasive bladder cancer: a systematic review.** *World J Urol* 2024, 42(1):527. IF 2.8

Rippa M, Schulze R, Kenyon G, Himstedt M, Kwiatkowski M, Grobholz R, Wyler S, Cornelius A, Schindera S, Burn F: **Evaluation of Machine Learning Classification Models for False-Positive Reduction in Prostate Cancer Detection Using MRI Data.** *Diagnostics (Basel)* 2024, 14(15). IF 3

Wurnschimmel C, Menges D, Kwiatkowski M, Sigg S, Praise L, Mattei A, Engeler D, Eberli D, Seifert H, Valerio M, Rentsch CA, Mortezavi A: **Prostate cancer screening in Switzerland: a literature review and consensus statement from the Swiss Society of Urology.** *Swiss Med Wkly* 2024, 154:3626. IF 2.1

**Viszeralchirurgie**

Allemann A, Staubli SM, Nebiker CA: **Trypsin and Trypsinogen Activation Peptide in the Prediction of Severity of Acute Pancreatitis.** *Life (Basel)* 2024, 14(9). IF 3.2

Ettrich TJ, Modest DP, Sinn M, Striefeler JK, Opitz B, Goetze T, Gallmeier E, Angermeier S, Fischer von Weikersthal L, Jacobasch L, Waldschmidt D, Niedermeier M, Sohm M, Berger AW, Manzini G, Fehrenbach U, Auer TA, Hosse C, Vogele D, Sookthai D, Schaaf M, Muche R, Hinke A, Seufferlein T, Perkhofer L: **Nanoliposomal Irinotecan With Fluorouracil and Leucovorin or Gemcitabine Plus Cisplatin in Advanced Cholangiocarcinoma: A Phase II Study of the AIO Hepatobiliary-YMO Cancer Groups (NIFE-AIO-YMO HEP-0315).** *J Clin Oncol* 2024, 42(26):3094-3104. IF 42.1

Kecman S, Schindera S, Hartel M, Grafitsch A: **A 'traumatic' mechanical small bowel obstruction after blunt pelvic trauma.** *J Surg Case Rep* 2024, 2024(2):rjad722. IF 0.4

**BEREICH CHIRURGIE**

Kunz JM, Maloca P, Allemann A, Fasler D, Soysal S, Daster S, Kraljevic M, Syeda G, Weixler B, Nebiker C, Ochs V, Droseler R, Walker HL, Bolli M, Muller B, Cattin P, Staubli SM: **Assessment of resectability of pancreatic cancer using novel immersive high-performance virtual reality rendering of abdominal computed tomography and magnetic resonance imaging.** *Int J Comput Assist Radiol Surg* 2024, 19(9):1677-1687. IF 2.3

Wiesler B, Rosenberg R, Galli R, Metzger J, Worni M, Henschel M, Hartel M, Nebiker C, Viehl CT, Muller A, Eisner L, Pabst M, Zingg U, Stimpfle D, Muller B, von Flue M, Peterli R, Werlen L, Zuber M, Gass JM, von Strauss Und Torney M: **Effect of a colorectal bundle in an entire health care region in Switzerland: Results from a prospective cohort study (EvaCol study).** *Int J Surg* 2024, 110(12):7763-7774. IF 12.5

**BEREICH FRAUEN UND KINDER****Kinderspital**

Enzmann C, Steiner L, Pospieschny K, Zweier C, Plattner K, Baumann D, Henzi B, Galiart E, Fink M, Jacquier D, Stettner GM, Ripellino P, Fluss J, Klein A, Swiss-Reg NMDG: **A Multicenter Cross-Sectional Study of the Swiss Cohort of LAMA2-Related Muscular Dystrophy.** *J Neuromuscul Dis* 2024, 11(5):1021-1033. IF 3.2

Laager R, Gregoriano C, Hauser S, Koehler H, Schuetz P, Mueller B, Kutz A: **Hospitalization Trends for Airway Infections and In-Hospital Complications in Cleft Lip and Palate.** *JAMA Netw Open* 2024, 7(9):e2428077. IF 10.5

Meyer Sauteur PM, Seiler M, Tilen R, Osuna E, von Wantoch M, Sidorov S, Aebi C, Agyeman P, Barbey F, Bielicki JA, Coulon L, Deubzer B, Donas A, Heininger U, Keitel K, Kohler H, Kottanattu L, Lauener R, Niederer-Lohr A, Posfay-Barbe KM, Tomaske M, Wagner N, Zimmermann P, Zucol F, von Felten S, Berger C: **A randomized controlled non-inferiority trial of placebo versus macrolide antibiotics for Mycoplasma pneumoniae infection in children with community-acquired pneumonia: trial protocol for the MYTHIC Study.** *Trials* 2024, 25(1):655. IF 2

Schlapbach LJ, Goertz S, Hagenbuch N, Aubert B, Papis S, Giannoni E, Posfay-Barbe KM, Stocker M, Heininger U, Bernhard-Stirnemann S, Niederer-Lohr A, Kahler CR, Natalucci G, Relly C, Riedel T, Aebi C, Berger C, Agyeman PKA, Swiss Pediatric Sepsis Study G: **Organ Dysfunction in Children With Blood Culture-Proven Sepsis: Comparative Performance of Four Scores in a National Cohort Study.** *Pediatr Crit Care Med* 2024, 25(3):e117-e128. IF 4

Streibel C, Willers CC, Bauman G, Pusterla O, Bieri O, Curdy M, Horn M, Casaulta C, Berger S, Dekany GM, Kieninger E, Bartenstein A, Latzin P: **Long-term pulmonary outcome of children with congenital diaphragmatic hernia: functional lung MRI using matrix-pencil decomposition enables side-specific assessment of lung function.** *Eur Radiol* 2024, 34(6):3773-3785. IF 4.7

von Graffenreid T, Safraneeva E, Braegger C, Ezri J, Garzoni L, Giroud Rivier A, Greuter T, Kohler H, McLin VA, Marx G, Muller P, Petit LM, Schibli S, Sokollik C, Tempia-Caliera M, Zwahlen M, Schoepfer AM, Nydegger A: **Pediatric Patients with Eosinophilic Esophagitis and Their Parents Identify Symptoms as the Most Important Treatment Outcome.** *Int Arch Allergy Immunol* 2024, 185(6):527-535. IF 2.5

Hutmacher F, Doerig S, Grobholz R, Köhler H, Meyer P, Baumann P: **Aphthous lesions turned out to be neonatal very early-onset inflammatory bowel disease: a case report.** *Front Pediatr* 2024, 12:1433852. IF 2.1

## BEREICH MEDIZIN

**Allergologie & Dermatologie**

Zwimpfer TA, Scherer K, Schotzau A, Heinzelmann-Schwarz V, Hartmann K, Vetter M, Montavon C: **Desensitization in patients with hypersensitivity to platinum and taxane in gynecological cancers.** *Cancer Med* 2024, 13(1):e6840. IF 2.9

**Allgemeine Innere Medizin und Notfallmedizin und Endokrinologie, Diabetologie und Metabolismus**

Becker C, Beck K, Moser C, Lessing C, Arpagaus A, Gross S, Urben T, Schaefer R, Amacher S, Bassetti S, Schuetz P, Hunziker S: **The association of vaccination status with perceived discrimination in patients with COVID-19: results from a cross-sectional study.** *Swiss Med Wkly* 2024, 154:3634. IF 2.1

Buchmueller LC, Wunderle C, Laager R, Bernasconi L, Neyer PJ, Tribolet P, Stanga Z, Mueller B, Schuetz P: **Association of phenylalanine and tyrosine metabolism with mortality and response to nutritional support among patients at nutritional risk: a secondary analysis of the randomized clinical trial EFFORT.** *Front Nutr* 2024, 11:1451081. IF 4

Buerger H, Gregoriano C, Laager R, Mueller B, Schuetz P, Conen A, Kutz A: **Microbiological trends, in-hospital outcomes, and mortality in infective endocarditis: a Swiss-nationwide cohort study.** *Clin Infect Dis* 2024. IF 8.2

Dahmke H, Cabrera-Diaz F, Heizmann M, Stoop S, Schuetz P, Fiumefreddo R, Zaugg C: **Development and validation of a clinical decision support system to prevent anticoagulant duplications.** *Int J Med Inform* 2024, 187:105446. IF 3.7

Dahmke H, Schelshorn J, Fiumefreddo R, Schuetz P, Salili AR, Cabrera-Diaz F, Meyer-Massetti C, Zaugg C: **Evaluation of Triple Whammy Prescriptions After the Implementation of a Drug Safety Algorithm.** *Drugs Real World Outcomes* 2024, 11(1):125–135. IF 1.9

Degtiarova G, Conen A, Klarer A, Arifi T, Guldimann G, Finkener S, Spirig A, Kabitz HJ: **Transfusion-related acute lung injury (TRALI) following intravenous immunoglobulin infusion in a rituximab immunosuppressed patient with long-shedding SARS-CoV-2.** *BMC Infect Dis* 2024, 24(1):916. IF 3.4

Fluckiger L, Zaugg C, Fiumefreddo R: **Impact of pharmacist-evaluated clinical decision support system alerts on potentially missing or inappropriately prescribed proton pump inhibitors at hospital discharge: a retrospective cross-sectional study.** *Int J Clin Pharm* 2024, 46(5):1143–1151. IF 2.6

Germann S, Wimmer R, Laager R, Mueller B, Schuetz P, Kaegi-Braun N, Kutz A: **Long-term outcomes in patients with Cushing's disease vs nonfunctioning pituitary adenoma after pituitary surgery: an active-comparator cohort study.** *Eur J Endocrinol* 2024, 191(1):97–105. IF 5.3

Graeve VIJ, Laures S, Spirig A, Zaytoun H, Gregoriano C, Schuetz P, Burn F, Schindera S, Schnitzler T: **Implementation of an AI Algorithm in Clinical Practice to Reduce Missed Incidental Pulmonary Embolisms on Chest CT and Its Impact on Short-Term Survival.** *Invest Radiol* 2024. IF 7

Gregoriano C, Hauser S, Schuetz P, Mueller B, Segerer S, Kutz A: **Evaluation of health care utilisation and mortality in medical hospitalisations with multimorbidity and kidney disease, according to frailty: a nationwide cohort study.** *Swiss Med Wkly* 2024, 154(6):3400. IF 2.1

Gregoriano C, Wirz Y, Heinsalo A, Annane D, Reinhart K, Bouadma L, Christ-Crain M, Kristoffersen KB, Damas P, Nobre V, Oliveira CF, Shehabi Y, Stolz D, Verduri A, Mueller B, Schuetz P: **Procalcitonin-guided antibiotic treatment in patients with cancer: a patient-level meta-analysis from randomized controlled trials.** *BMC Cancer* 2024, 24(1):1467. IF 3.4

Keller B, Wunderle C, Tribolet P, Stanga Z, Kaegi-Braun N, Mueller B, Schuetz P: **Nutritional support in hospitalised patients with diabetes and risk for malnutrition: a secondary analysis of an investigator-initiated, Swiss, randomised controlled multicentre trial.** *BMJ Open* 2024, 14(8):e084754. IF 2.4

Laager R, Gregoriano C, Hauser S, Koehler H, Schuetz P, Mueller B, Kutz A: **Hospitalization Trends for Airway Infections and In-Hospital Complications in Cleft Lip and Palate.** *JAMA Netw Open* 2024, 7(9):e2428077. IF 10.5

Lee CC, Porta L, Liu Y, Chen PT, Pan HH, Lee YT, Chen KF, Lee CC, Tsai W, How CK, Schuetz P, Procalcitonin Advisory Committee of the Taiwan Society of Emergency M: **GRADE-based procalcitonin guideline for emergency departments.** *Am J Emerg Med* 2024, 89:109–123. IF 2.7

Magyar U, Stalder O, Baumgartner C, Mean M, Righini M, Schuetz P, Bassetti S, Rodondi N, Tritschler T, Aujesky D: **Association between severity of pulmonary embolism and health-related quality of life.** *J Thromb Haemost* 2024, 22(2):516–525. IF 5.5

Matos J, Struja T, Gallifant J, Nakayama L, Charpignon ML, Liu X, Economou-Zavlanos N, J SC, Johnson KS, Bhavsar N, Gichoya J, Celi LA, Wong AI: **BOLD: Blood-gas and Oximetry Linked Dataset.** *Sci Data* 2024, 11(1):535. IF 5.8

**BEREICH MEDIZIN**

- Meier N, Laager R, Gregoriano C, Schutz P, Mueller B, Struja T, Kutz A: **Trends in antidiabetes medication use among hospitalised patients with type 2 diabetes: a retrospective single-centre cohort study.** *BMJ Open* 2024, 14(6):e084526. IF 2.4
- Olpe T, Wunderle C, Bargetzi L, Trbolet P, Laviano A, Stanga Z, Prado CM, Mueller B, Schuetz P: **Muscle matters: Prognostic implications of malnutrition and muscle health parameters in patients with cancer. A secondary analysis of a randomised trial.** *Clin Nutr* 2024, 43(9):2255-2262. IF 6.6
- Rasiah R, Gregoriano C, Mueller B, Kutz A, Schuetz P: **Hospital Outcomes in Medical Patients With Alcohol-Related and Non-Alcohol-Related Wernicke Encephalopathy.** *Mayo Clin Proc* 2024, 99(5):740-753. IF: 6.9
- Ritz J, Wunderle C, Stumpf F, Laager R, Trbolet P, Neyer P, Bernasconi L, Stanga Z, Mueller B, Schuetz P: **Association of tryptophan pathway metabolites with mortality and effectiveness of nutritional support among patients at nutritional risk: secondary analysis of a randomized clinical trial.** *Front Nutr* 2024, 11:1335242. IF 4
- Schelldorfer A, Gregoriano C, Hauser S, Fuchs TA, Mueller B, Schuetz P, Kutz A: **Rate of cardiovascular events up to 8 years after uncomplicated myocarditis: a nationwide cohort study.** *Eur Heart J Acute Cardiovasc Care* 2024, 13(5):401-410. IF 4
- Schuetz P, Kerr KW, Cereda E, Sulo S: **Impact of nutrition interventions for malnourished patients: Introduction to health economics and outcomes research with findings from nutrition care studies.** *Nutr Clin Pract* 2024, 39(6):1329-1342. IF 2.1
- Schuetz P: **A negative trial on the effect of spirulina in COVID-19 patients or a positive trial for the scientific community?** *Am J Clin Nutr* 2024, 120(3):461-462. IF 6.5
- Schuetz P: **More EFFORT Is Needed to Understand How to Individualize Optimal Protein Targets to the Needs of Patients Who Are Critically Ill.** *Chest* 2024, 165(6):1280-1281. IF 9.5
- Stocker M, Zimmermann SE, Laager R, Gregoriano C, Mueller B, Schuetz P, Kutz A: **Cardiovascular risk in patients with acromegaly vs. non-functioning pituitary adenoma following pituitary surgery: an active-comparator cohort study.** *Pituitary* 2024, 27(5):518-526. IF 3.3
- Struja T, Nitritz N, Alexander I, Kupferschmid K, Hafner JF, Spagnuolo CC, Schuetz P, Mueller B, Blum CA: **Treatment of glucocorticoid-induced hyperglycemia in hospitalized patients – a systematic review and meta-analysis.** *Clin Diabetes Endocrinol* 2024, 10(1):8.
- Stumpf F, Wunderle C, Ritz J, Bernasconi L, Neyer P, Trbolet P, Stanga Z, Mueller B, Bischoff SC, Schuetz P: **Prognostic implications of the arginine metabolism in patients at nutritional risk: A secondary analysis of the randomized EFFORT trial.** *Clin Nutr* 2024, 43(3):660-673. IF 6.6
- Teotia K, Jia Y, Link Woite N, Celi LA, Matos J, Struja T: **Variation in monitoring: Glucose measurement in the ICU as a case study to preempt spurious correlations.** *J Biomed Inform* 2024, 153:104643. IF 4
- Waeijen-Smit K, Crutsen M, Keene S, Miravitles M, Crisafulli E, Torres A, Mueller C, Schuetz P, Ringbaek TJ, Fabbian F, Mekov E, Harries TH, Lun CT, Ergan B, Esteban C, Quintana Lopez JM, Lopez-Campos JL, Chang CL, Hancox RJ, Shafuddin E, Ellis H, Janson C, Suppli Ulrik C, Gudmundsson G, Epstein D, Dominguez J, Lacoma A, Osadnik C, Alia I, Spannella F, Karakurt Z, Mehravarhan H, Utens C, de Kruij MD, Ko FWS, Trethewey SP, Turner AM, Bumbacea D, Murphy PB, Vermeersch K, Zilberman-Itskovich S, Steer J, Echevarria C, Bourke SC, Lane N, de Batlle J, Sprooten RTM, Russell R, Faverio P, Cross JL, Prins HJ, Spruit MA, Simons SO, Houben-Wilke S, Franssen FME: **Global mortality and readmission rates following COPD exacerbation-related hospitalisation: a meta-analysis of 65 945 individual patients.** *ERJ Open Res* 2024, 10(1). IF 4.3
- Wang S, Shafrin J, Kerr KW, Schuetz P: **Health economic value of postacute oral nutritional supplementation in older adult medical patients at risk for malnutrition: a US-based modelling approach.** *BMJ Open* 2024, 14(11):e086787. IF 2.4
- Wunderle C, Haller L, Laager R, Bernasconi L, Neyer P, Stumpf F, Trbolet P, Stanga Z, Mueller B, Schuetz P: **The Association of the Essential Amino Acids Lysine, Methionine, and Threonine with Clinical Outcomes in Patients at Nutritional Risk: Secondary Analysis of a Randomized Clinical Trial.** *Nutrients* 2024, 16(16). IF 4.8
- Wunderle C, Siegenthaler J, Seres D, Owen-Michaane M, Trbolet P, Stanga Z, Mueller B, Schuetz P: **Adaptation of nutritional risk screening tools may better predict response to nutritional treatment: a secondary analysis of the randomized controlled trial Effect of early nutritional therapy on Frailty, Functional Outcomes, and Recovery of malnourished medical inpatients Trial (EFFORT).** *Am J Clin Nutr* 2024, 119(3):800-808. IF 6.5
- Wunderle C, Suter SS, Endner N, Haenggi E, Kaegi-Braun N, Trbolet P, Stanga Z, Mueller B, Schuetz P: **Sex differences in clinical presentation, treatment response, and side effects of nutritional therapy among patients at nutritional risk: a secondary analysis of the randomized clinical trial EFFORT.** *Am J Clin Nutr* 2024, 120(5):1225-1232. IF 6.5
- Wunderle C, von Arx D, Mueller SC, Bernasconi L, Neyer P, Trbolet P, Stanga Z, Mueller B, Schuetz P: **Association of Glutamine and Glutamate Metabolism with Mortality among Patients at Nutritional Risk-A Secondary Analysis of the Randomized Clinical Trial EFFORT.** *Nutrients* 2024, 16(2). IF 4.8

**BEREICH MEDIZIN****Gastroenterologie**

Bettschen D, Tsichlaki D, Chatzimichail E, Klukowska-Rotzler J, Muller M, Sauter TC, Exadaktylos AK, Ziaka M, Doulberis M, Burkhardt JP: **Epidemiology of maxillofacial trauma in elderly patients receiving oral anticoagulant or antithrombotic medication; a Swiss retrospective study.** *BMC Emerg Med* 2024, 24(1):121. IF 2.3

Biedermann L, Doulberis M, Schreiner P, Nielsen OH, The FO, Brand S, Burk S, Hruz P, Juillerat P, Krieger-Grubel C, Leu K, Leventhal GE, Misselwitz B, Scharl S, Schoepfer A, Seibold F, Herfarth H, Rogler G: **Efficacy and Safety of Anthocyanin-Rich Extract in Patients with Ulcerative Colitis: A Randomized Controlled Trial.** *Nutrients* 2024, 16(23). IF 4.8

Boziki M, Theotokis P, Kesidou E, Nella M, Bakirtzis C, Karafoulidou E, Tzitiridou-Chatzopoulou M, Doulberis M, Kazakos E, Deretzi G, Grigoriadis N, Kountouras J: **Impact of Mast Cell Activation on Neurodegeneration: A Potential Role for Gut-Brain Axis and Helicobacter pylori Infection.** *Neurol Int* 2024, 16(6):1750-1778. IF 3.2

Doulberis M, Papaefthymiou A, Kazakos E, Tzitiridou-Chatzopoulou M, Polyzos SA, Kountouras J: **The 1st EoETALY consensus on the diagnosis and management of eosinophilic esophagitis and the missing link: Helicobacter pylori infection.** *Dig Liver Dis* 2024, 56(11):1946-1947. IF 4

Huguet JM, Ferrer-Barcelo L, Suarez P, Barcelo-Cerda S, Sempere J, Saracino IM, Fiorini G, Vaira D, Perez-Aisa A, Jonaitis L, Tepes B, Castro-Fernandez M, Pabon-Carrasco M, Keco-Huerga A, Voynovan I, Lucendo AJ, Lanas A, Martinez-Dominguez SJ, Alfaro Almajano E, Rodrigo L, Vologzanina L, Bordin DS, Gasbarrini A, Babayeva G, Lerang F, Leja M, Kupcinskas J, Rokkas T, Marcos-Pinto R, Mestrovic A, Gridnyev O, Phull PS, Smith SM, Boltin D, Buzas GM, Kral J, Simsek H, Matysiak-Budnik T, Milivojevic V, Marlicz W, Venerito M, Boyanova L, Doulberis M, Capelle LG, Cano-Catala A, Moreira L, Nyssen OP, Megraud F, O'Morain C, Gisbert JP, Hp-EuReg I:

**Role of compliance in Helicobacter pylori eradication treatment: Results of the European Registry on H. pylori management.**

*United European Gastroenterol J* 2024, 12(6):691-704. IF 5.8

Kountouras J, Boziki M, Kazakos E, Theotokis P, Kesidou E, Nella M, Bakirtzis C, Karafoulidou E, Vardaka E, Mouratidou MC, Kyrafilidi F, Tzitiridou-Chatzopoulou M, Orovou E, Giartzas-Taxidou E, Deretzi G, Grigoriadis N, Doulberis M: **Impact of Helicobacter pylori and metabolic syndrome on mast cell activation-related pathophysiology and neurodegeneration.** *Neurochem Int* 2024, 175:105724. IF 4.4

Olmedo L, Calvet X, Gene E, Bordin DS, Voynovan I, Castro-Fernandez M, Pabon-Carrasco M, Keco-Huerga A, Perez-Aisa A, Lucendo AJ, Rodrigo L, Sarsenbaeva AS, Khlinov IB, Fadieienko G, Zaytsev O, Lanas A, Martinez-Dominguez SJ, Alfaro E, Jonaitis L, Nunez O, Pellicano R, Hernandez L, Gridnyev O, Kupcinskas J, Gasbarrini A, Boltin D, Niv Y, Babayeva G, Marcos-Pinto R, Tepes B, Venerito M, Papp V, Lerang F, Leja M, Phull PS, Marlicz W, Doulberis M, Smith SM, Milivojevic V, Kunovsky L, Mestrovic A, Matysiak-Budnik T, Simsek H, Cano-Catala A, Puig I, Moreira L, Parra P, Nyssen OP, Megraud F, O'Morain C, Gisbert JP, Hp-EuReg I: **Evolution of the use, effectiveness and safety of bismuth-containing quadruple therapy for Helicobacter pylori infection between 2013 and 2021: results from the European registry on H. pylori management (Hp-EuReg).** *Gut* 2024, 74(1):15-25. IF 23.1

Polyzos SA, Papaefthymiou A, Doulberis M, Kountouras J: **Nonalcoholic fatty liver disease test: an external validation cohort.** *Hormones (Athens)* 2024, 23(1):131-136. IF 2.4

Salahi-Niri A, Nabavi-Rad A, Monaghan TM, Rokkas T, Doulberis M, Sadeghi A, Zali MR, Yamaoka Y, Tacconelli E, Yadegar A: **Global prevalence of Helicobacter pylori antibiotic resistance among children in the world health organization regions between 2000 and 2023: a systematic review and meta-analysis.** *BMC Med* 2024, 22(1):598. IF 3.9

Yumusak O, Doulberis M: **Update on cirrhotic cardiomyopathy: from etiopathogenesis to treatment.** *Ann Gastroenterol* 2024, 37(4):381-391. IF 2.1

Zobrist Y, Doulberis M, Biedermann L, Leventhal GE, Rogler G: **Anthocyanin-Rich Extract Mitigates the Contribution of the Pathobiont Genus Haemophilus in Mild-to-Moderate Ulcerative Colitis Patients.** *Microorganisms* 2024, 12(11). IF 4.1

**Infektiologie**

Buerger H, Gregoriano C, Laager R, Mueller B, Schuetz P, Conen A, Kutz A: **Microbiological trends, in-hospital outcomes, and mortality in infective endocarditis: a Swiss-nationwide cohort study.** *Clin Infect Dis* 2024. IF 8.2

Abela IA, Hauser A, Schwarzmüller M, Pasin C, Kusejko K, Epp S, Cavassini M, Battegay M, Rauch A, Calmy A, Notter J, Bernasconi E, Fux CA, Leuzinger K, Perreau M, Ramette A, Gottschalk J, Schindler E, Wepf A, Marconato M, Manz MG, Frey BM, Braun DL, Huber M, Gunthard HF, Trkola A, Kouyoumjian RD, Swiss HIVCS: **Deciphering Factors Linked With Reduced Severe Acute Respiratory Syndrome Coronavirus 2 Susceptibility in the Swiss HIV Cohort Study.** *J Infect Dis* 2024, 230(2):e292-e304. IF 5

**BEREICH MEDIZIN**

Ballif M, Braun D, Calmy A, Bernasconi E, Cavassini M, Tissot F, Stoeckle M, Schmid P, Fux CA, Van der Valk M, Brinkman K, Mudri-kova T, Bonnet F, Leleux O, Saude M, Hirter D, Schwab N, Limacher A, Rintelen F, Kouyos R, Haerry D, Zambrano SC, Egloff M, Akre C, Peytremann-Bridevaux I, Rauch A, Wandeler G, Surial B: **Booster-free anti-retroviral therapy for persons living with HIV and multidrug resistance (B-Free): protocol for a multicentre, multistage, randomised, controlled, non-inferiority trial.** *BMJ Open* 2024, 14(11):e094912. IF 2.4

Baumann L, Braun DL, Cavassini M, Stoeckle M, Bernasconi E, Schmid P, Calmy A, Haerry D, Beguelin C, Fux CA, Wandeler G, Surial B, Rauch A: **Long-term trends in hepatitis C prevalence, treatment uptake and liver-related events in the Swiss HIV Cohort Study.** *Liver Int* 2024, 44(1):169-179. IF 6

Bovo A, Kwiatkowski M, Manka L, Wetterauer C, Fux CA, Cattaneo M, Wyler SF, Prause L: **Comparison of ciprofloxacin versus fosfomycin versus fosfomycin plus trimethoprim/sulfamethoxazole for preventing infections after transrectal prostate biopsy.** *World J Urol* 2024, 42(1):356. IF 2.8

Damas J, Munting A, Fellay J, Haerry D, Marzolini C, Tarr PE, Steffen A, Braun DL, Stoeckle M, Bernasconi E, Nawej Tshikung O, Fux CA, Darling KEA, Beguelin C, Wandeler G, Cavassini M, Surial B, Swiss HIVCS: **Weight, Anthropometric and Metabolic Changes After Discontinuing Antiretroviral Therapy Containing Tenofovir Alafenamide in People With HIV.** *Clin Infect Dis* 2024, 79(4):990-998. IF 8.2

Degtiarova G, Conen A, Klarer A, Arifi T, Guldmann G, Finkener S, Spirig A, Kabitz HJ: **Transfusion-related acute lung injury (TRALI) following intravenous immunoglobulin infusion in a rituximab immunosuppressed patient with long-shedding SARS-CoV-2.** *BMC Infect Dis* 2024, 24(1):916. IF 3.4

Karbysheva S, Morovic P, Bellova P, Berger MS, Stiehler M, Meller S, Kirschbaum S, Lindenlaub P, Zgraggen A, Oberle M, Fuchs M, Perka C, Trampuz A, Conen A: **Synovial fluid D-lactate – a pathogen-specific biomarker for septic arthritis: a prospective multicenter study.** *Clin Chem Lab Med* 2024. IF 3.8

Pasin C, Nunez DG, Kusejko K, Hachfeld A, Buvelot H, Cavassini M, Damonti L, Fux C, de Tejada BM, Notter J, Trkola A, Gunthard HF, Aebi-Popp K, Kouyos RD, Abela IA, Swiss HIVCS: **Impact of hormonal therapy on HIV-1 immune markers in cis women and gender minorities.** *HIV Med* 2024, 25(10):1112-1124. IF 2.8

Perl T, Jacquemai M, Pedrazzi N, Grobholz R, Glaab R, Conen A, Plock JA: **Gas gangrene with Clostridium septicum in a neutropenic patient.** *Infection* 2024. IF 5.4

Schmid A, Ahmad N, Haubitz S, Speth MM: **Disseminated nocardiosis presenting as a superinfected thyroglossal duct cyst in a patient with diabetes.** *BMJ Case Rep* 2024, 17(6). IF 0.6

**Kardiologie**

Schlatzer C, Berg J, Duru F, Brunckhorst C, Saguner AM, Haegeli LM: **Real World Data from Catheter Ablation of Ventricular Tachycardias and Premature Ventricular Complexes in a Tertiary Care Center.** *J Clin Med* 2024, 13(8). IF 3.4

Wussler D, Belkin M, Shrestha S, Wernicke H, Papachristou A, Nowak A, Aliyeva F, Mork C, Strebel I, Hure GVF, Weil D, Michou E, Kozhuharov N, Gualandro DM, Puelacher C, Miro O, Rossello X, Martin-Sanchez FJ, Pocock SJ, Goudev A, Breidthardt T, Mueller C: **Incremental value of C-reactive protein to the MEESSI acute heart failure risk score.** *Eur J Heart Fail* 2024, 26(8):1749-1758. IF 16.9

Schelldorfer A, Gregoriano C, Hauser S, Fuchs TA, Mueller B, Schuetz P, Kutz A: **Rate of cardiovascular events up to 8 years after uncomplicated myocarditis: a nationwide cohort study.** *Eur Heart J Acute Cardiovasc Care* 2024, 13(5):401-410. IF 4

**Nephrologie**

Dhayat NA, Mattmann C, Seeger H, Ritter A, Ernandez T, Stoermann-Chopard C, Buchkremer F, Segerer S, Roth B, Wuerzner G, Wagner CA, Bonny O, Popp AW, Vogt B, Bargagli M, Fuster DG: **The Vitamin D Metabolite Diagnostic Ratio Associates With Phenotypic Traits of Idiopathic Hypercalciuria.** *Kidney Int Rep* 2024, 9(4):1072-1082. IF 5.7

Diebold M, Enzler-Tschudy A, Helmchen BM, Hopfer H, Kim MJ, Moll S, Nanchen G, Rotman S, Seeger H, Kistler AD: **Incidence of Common Glomerular Diseases Other Than Collapsing Glomerulopathy is Not Increased After SARS-CoV-2 Infection.** *Kidney Int Rep* 2024, 9(4):1122-1126. IF 5.7

Gregoriano C, Hauser S, Schuetz P, Mueller B, Segerer S, Kutz A: **Evaluation of health care utilisation and mortality in medical hospitalisations with multimorbidity and kidney disease, according to frailty: a nationwide cohort study.** *Swiss Med Wkly* 2024, 154(6):3400. IF 2.1

Kleer JS, Skattum L, Dubler D, Fischer I, Zgraggen A, Mundwiler E, Kim MJ, Trendelenburg M: **Complement C1s deficiency in a male Caucasian patient with systemic lupus erythematosus: a case report.** *Front Immunol* 2023, 14:1257525. IF 5.7

**BEREICH MEDIZIN**

Manuel O, Laager M, Hirzel C, Neofytos D, Walti LN, Hoenger G, Binet I, Schnyder A, Stampf S, Koller M, Mombelli M, Kim MJ, Hoffmann M, Koenig K, Hess C, Burgener AV, Cippa PE, Hubel K, Mueller TF, Sidler D, Dahdal S, Suter-Riniker F, Villard J, Zbinden A, Pantaleo G, Semmo N, Hadaya K, Enriquez N, Meylan PR, Froissart M, Golshayan D, Fehr T, Huynh-Do U, Pascual M, van Delden C, Hirsch HH, Juni P, Mueller NJ, Swiss Transplant Cohort S: **Immune Monitoring-Guided Versus Fixed Duration of Antiviral Prophylaxis Against Cytomegalovirus in Solid-Organ Transplant Recipients: A Multicenter, Randomized Clinical Trial.** *Clin Infect Dis* 2024, 78(2):312-323. IF 8.2

Prujm M, Rho E, Woywodt A, Segerer S: **Ten tips from the Swiss Working Group on Sustainable Nephrology on how to go green in your dialysis unit.** *Clin Kidney J* 2024, 17(6):sfae144. IF 3.9

Rosenbloom S, Ramanand A, Stark A, Vaghese V, Chalmers D, Au-Yeung N, Kanduri SR, Lukitsch I, Poloni JAT, Keitel E, Franz AP, Martinez-Figueroa C, Sarkar A, Alix-Arbatin MC, Fogo AB, Buchkremer F, Seltzer JR, Velez JCQ: **Urinary Vacuolar Casts Are a Unique Type of Casts in Advanced Proteinuric Glomerulopathies.** *Kidney360* 2024, 5(2):216-227. IF 3.2

Salamin M, Segerer S, Buchkremer F: **Estimating glomerular filtration rate with cystatin C: a systematic comparison of the new EKFC and the CKD-EPI equation.** *Clin Kidney J* 2024, 17(3):sfad243. IF 3.9

Tumay C, Sachs A, Stiefel I, Kim MJ: **Lesson for the clinical nephrologist: thrombotic microangiopathy associated with metastatic prostate cancer.** *J Nephrol* 2024. IF 2.7

Yau AA, Buchkremer F: **Hyponatremia in the Context of Liver Disease.** *Adv Kidney Dis Health* 2024, 31(2):139-146.

**Neurologie**

Benkert P, Maleska Maceski A, Schaedelin S, Oechtering J, Zadic A, Vilchez Gomez JF, Melie-Garcia L, Cagol A, Galbusera R, Subramanian S, Lorscheider J, Galli E, Mueller J, Fischer-Barnicol B, Achtnichts L, Findling O, Lalive PH, Bridel C, Uginet M, Muller S, Pot C, Mathias A, Du Pasquier R, Salmen A, Hoepner R, Chan A, Disanto G, Zecca C, D'Souza M, Hemkens LG, Yaldizli O, Derfuss T, Roth P, Gobbi C, Brassat D, Tackenberg B, Pedotti R, Raposo C, Oksenberg J, Wiendl H, Berger K, Hermesdorf M, Piehl F, Conen D, Buser A, Kappos L, Khalil M, Granziera C, Abdelhak A, Leppert D, Willemse EAJ, Kuhle J, Swiss MSCs: **Serum Glial Fibrillary Acidic Protein and Neurofilament Light Chain Levels Reflect Different Mechanisms of Disease Progression under B-Cell Depleting Treatment in Multiple Sclerosis.** *Ann Neurol* 2024, 97(1):104-115. IF 8.1

Benz AP, Meinel TR, Salerno A, Beyeler M, Strambo D, Kaesmacher J, Polymeris AA, Kahles T, Katan M, Engelert ST, Carrera E, Dirren E, Peters N, Cereda CW, Kagi G, Renaud S, Wegener S, Bolognese M, Bonati LH, Fischer U, Arnold M, Michel P, Shoamanesh A, Connolly SJ, Seiffge DJ, Swiss Stroke Registry I: **Prevalence and Distribution of Intracranial Vessel Occlusion on Angiography and Its Association with Functional Outcome in Patients with Atrial Fibrillation Presenting with Ischemic Stroke.** *Ann Neurol* 2024, 96(6):1115-1123. IF 8.1

Cameron AC, Arnold M, Katsas G, Yang J, Quinn TJ, Abdul-Rahim AH, Campbell R, Docherty K, De Marchis GM, Arnold M, Kahles T, Nedeltchev K, Cereda CW, Kagi G, Bustamante A, Montaner J, Ntaios G, Foerch C, Spanaus K, Eckardstein AV, Dawson J, Katan M: **Natriuretic Peptides to Classify Risk of Atrial Fibrillation Detection After Stroke: Analysis of the BIOSIGNAL and PRECISE Cohort Studies.** *Neurology* 2024, 103(3):e209625. IF 8.4

Degtiarova G, Conen A, Klarer A, Arifi T, Guldimann G, Finkener S, Spirig A, Kabitz HJ: **Transfusion-related acute lung injury (TRALI) following intravenous immunoglobulin infusion in a rituximab immunosuppressed patient with long-shedding SARS-CoV-2.** *BMC Infect Dis* 2024, 24(1):916. IF 3.4

Dittrich TD, Schneider T, Katan M, Luft AR, Mono ML, Bolognese M, Nedeltchev K, Kahles T, Arnold M, Heldner M, Michel P, Carrera E, Rodic B, Cereda CW, Peters N, Bonati LH, Renaud S, Humm AM, Medlin F, Albert S, Sturzenegger R, Tarnutzer AA, Siebel P, Baumgartner M, Berger C, Mordasini P, Vehoff J, De Marchis GM, Swiss Stroke Registry I: **Risk Factors, Treatments, and Outcomes of Adults Aged <55 Years With Acute Ischemic Stroke With Undetermined Versus Determined Pathogenesis: A Nationwide Swiss Cohort Study.** *J Am Heart Assoc* 2024, 13(23):e036761. IF 6.1

Greselin M, Lu PJ, Melie-Garcia L, Ocampo-Pineda M, Galbusera R, Cagol A, Weigel M, de Oliveira Siebenborn N, Ruberte E, Benkert P, Muller S, Finkener S, Vehoff J, Disanto G, Findling O, Chan A, Salmen A, Pot C, Bridel C, Zecca C, Derfuss T, Lieb JM, Diepers M, Wagner F, Vargas MI, Pasquier RD, Lalive PH, Pravata E, Weber J, Gobbi C, Leppert D, Kim OC, Cattin PC, Hoepner R, Roth P, Kappos L, Kuhle J, Granziera C: **Contrast-Enhancing Lesion Segmentation in Multiple Sclerosis: A Deep Learning Approach Validated in a Multicentric Cohort.** *Bioengineering (Basel)* 2024, 11(8). IF 3.8

Goeldlin MB, Hakim A, Branca M, Abend S, Kneihsl M, Valenzuela Pinilla W, Fenzl S, Rezny-Kasprzak B, Rohner R, Strbian D, Paciaroni M, Thomalla G, Michel P, Nedeltchev K, Gattringer T, Sandset EC, Bonati L, Aguiar de Sousa D, Sylaja PN, Ntaios G, Koga M, Gdovinova Z, Lemmens R, Bornstein NM, Kelly P, Katan M, Horvath T, Dawson J, Fischer U, Investigators E: **Early vs Late Anticoagulation in Minor, Moderate, and Major Ischemic Stroke With Atrial Fibrillation: Post Hoc Analysis of the ELAN Randomized Clinical Trial.** *JAMA Neurol* 2024, 81(7):693-702. IF 20.4

**BEREICH MEDIZIN**

Huber C, Berberat J, Sassenburg R, Pflugl S, Anon J, Diepers M, Andereggen L, Kahles T, Luft AR, Nedeltchev K, Remonda L, Gruber P: **Age and Stroke Severity Matter Most for Clinical Outcome in Acute Arteriosclerotic Tandem Lesions.** *J Clin Med* 2024, 13(8). IF 3

Kaufmann JE, Gensicke H, Schaedelin S, Luft AR, Goeggel-Simonetti B, Fischer U, Michel P, Strambo D, Kagi G, Vehoff J, Nedeltchev K, Kahles T, Kellert L, Rosenbaum S, von Rennenberg R, Riegler C, Seiffge D, Sarikaya H, Zietz A, Wischmann J, Polymeris AA, Hansel M, Globas C, Bonati LH, Brehm A, De Marchis GM, Peters N, Nolte CH, Christensen H, Wegener S, Psychogios MN, Arnold M, Lyrer P, Traenka C, Engelter ST, Trial T-C: **Toward Individual Treatment in Cervical Artery Dissection: Subgroup Analysis of the TREAT-CAD Randomized Trial.** *Ann Neurol* 2024, 95(5):886-897. IF 8.1

Kaufmann JE, Harshfield EL, Gensicke H, Wegener S, Michel P, Kagi G, Nedeltchev K, Kellert L, Rosenbaum S, Nolte CH, Christensen H, Arnold M, Lyrer P, Levi C, Bath PM, Engelter ST, Traenka C, Markus HS, Cadiss, Investigators T-C: **Antithrombotic Treatment for Cervical Artery Dissection: A Systematic Review and Individual Patient Data Meta-Analysis.** *JAMA Neurol* 2024, 81(6):630-637. IF 20.4

Oechtering J, Stein K, Schaedelin SA, Maceski AM, Orleth A, Meier S, Willemse E, Qureshi F, Heijnen I, Regeniter A, Derfuss T, Benkert P, D'Souza M, Limberg M, Fischer-Barnicol B, Achtnichts L, Mueller S, Salmen A, Lalive PH, Bridel C, Pot C, Du Pasquier RA, Gobbi C, Wiendl H, Granziera C, Kappos L, Trendelenburg M, Leppert D, Lunemann JD, Kuhle J, Swiss MSCS: **Complement Activation Is Associated With Disease Severity in Multiple Sclerosis.** *Neurol Neuroimmunol Neuroinflamm* 2024, 11(2):e200212.

Ovchinnikov A, Andereggen L, Rogers S, Gschwind M: **Visual hallucinations after resection of cerebral metastases: two patients with complex phantom images.** *Strahlenther Onkol* 2024, 200(9):832-837. IF 2.7

Poli S, Mbroh J, Baron JC, Singhal AB, Strbian D, Molina C, Lemmens R, Turc G, Mikulik R, Michel P, Tatlisumak T, Audebert HJ, Dichgans M, Veltkamp R, Husing J, Graessner H, Fiehler J, Montaner J, Adeyemi AK, Althaus K, Arenillas JF, Bender B, Benedikt F, Broocks G, Burghaus I, Cardona P, Deb-Chatterji M, Cvirkova M, Defreyne L, De Herdt V, Detante O, Ernemann U, Flottmann F, Garcia Guillaomon L, Glauch M, Gomez-Exposito A, Gory B, Sylvie Grand S, Harsany M, Hauser TK, Heck O, Hemelsoet D, Hennersdorf F, Hoppe J, Kalmbach P, Kellert L, Kohrmann M, Kowarik M, Lara-Rodriguez B, Legris L, Lindig T, Luntz S, Lusk J, Mac Grory B, Manger A, Martinez-Majander N, Mengel A, Meyne J, Muller S, Mundiyapurath S, Naggara O, Nedeltchev K, Nguyen TN, Nilsson MA, Obadia M, Poli K, Purrucker JC, Raty S, Richard S, Richter H, Schillemann E, Stohr L, Stolte B, Sykora M, Thomalla G, Tomppo L, van Horn N, Zeller J, Ziermann U, Zuern CS, Hartig F, Tuennenhoff J, investigators P: **Penumbbral Rescue by normobaric O = O administration in patients with ischemic stroke and target mismatch profile (PROOF): Study protocol of a phase IIb trial.** *Int J Stroke* 2024, 19(1):120-126. IF 6.3

Rogers S, Gross M, Ermis E, Cosgun G, Baumert BG, Mader T, Schroeder C, Lomax N, Alonso S, Ademaj A, Lazeroms T, Lee SY, Mayinger M, Mamot C, Schwyzer L, Schubert GA, Riesterer O: **Re-irradiation for recurrent glioblastoma: a pattern of care analysis.** *BMC Neurol* 2024, 24(1):462. IF 2.2

Rohner R, Kneihsl M, Goeldlin MB, Hakim A, Branca M, Abend S, Valenzuela Pinilla W, Fenzl S, Rezny-Kasprzak B, Strbian D, Trelle S, Paciaroni M, Thomalla G, Michel P, Nedeltchev K, Gattringer T, Sandset EC, Bonati L, Aguiar de Sousa D, Sylaja PN, Ntaios G, Koga M, Gdovinova Z, Lemmens R, Bornstein NM, Kelly P, Katan M, Horvath T, Dawson J, Fischer U, Investigators E: **Early Versus Late Initiation of Direct Oral Anticoagulants After Ischemic Stroke in People With Atrial Fibrillation and Hemorrhagic Transformation: Prespecified Subanalysis of the Randomized Controlled ELAN Trial.** *Circulation* 2024, 150(1):19-29. IF 35.5

Siepen BM, Forfang E, Branca M, Drop B, Mueller M, Goeldlin MB, Katan M, Michel P, Cereda C, Medlin F, Peters N, Renaud S, Niederhauser J, Carrera E, Kahles T, Kagi G, Bolognese M, Salmen S, Mono ML, Polymeris AA, Wegener S, Z'Graggen W, Kaesmacher J, Schaefer M, Rodic B, Kristoffersen ES, Larsen KT, Wyller TB, Volbers B, Meinel TR, Arnold M, Engelter ST, Bonati LH, Fischer U, Ronning OM, Seiffge DJ: **Intracerebral haemorrhage in patients taking different types of oral anticoagulants: a pooled individual patient data analysis from two national stroke registries.** *Stroke Vasc Neurol* 2024, 9(6):640-651. IF 4.4

Wang AY, Rothwell PM, Nelson J, Saver JL, Kasner SE, Carroll J, Mas JL, Derumeaux G, Chatellier G, Furlan AJ, Herrmann HC, Juni P, Kim JS, Koethe B, Lee PH, Lefebvre B, Mattie HP, Meier B, Reisman M, Smalling RW, Sondergaard L, Song JK, Di Angelantonio E, Di-Tullio M, Elkind MSV, Homma S, Jaigobin C, Michel P, Mono ML, Nedeltchev K, Papetti F, Serena J, Weimar C, Li L, Mazzucco S, Silver LE, van Klaveren D, Thaler DE, Kent DM: **Patent Foramen Ovale Closure in Older Patients With Stroke: Patient Selection for Trial Feasibility.** *Neurology* 2024, 102(10):e209388. IF 7.7

Wueger P, Noseda R, Pagnamenta A, Bianco G, Seiffge D, Michel P, Nedeltchev K, Bonati L, Kagi 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, De Marchis GM, Cereda CW: **Sex differences in functional outcomes of intravenous thrombolysis among patients with lacunar stroke.** *Front Neurol* 2024, 15:1341423. IF 2.7

**BEREICH MEDIZIN****Onkologie/Hämatologie und Transfusionsmedizin**

Arber C, Baerlocher G, Chalandon Y, Daskalakis M, Duchosal M, Fehr M, Gerull S, Gungor T, Nair G, Pabst T, Passweg JR, Piccolruaz B, Renner C, Ruefer A, Schneidawind D, Stussi G, Zeerleder S, Halter JP, Swiss Blood Stem Cell T, Cellular Therapies g: **Technical comment on: Trottmann M, et al. Real-world expenditures and survival time after CAR-T treatment for large B-cell lymphoma in Switzerland: a retrospective study using insurance claims data.** *Swiss Med Wkly* 2024, 154:3704. IF 2.1

Baldrich A, Althaus D, Menter T, Hirsiger JR, Koppen J, Hupfer R, Juskevicius D, Konantz M, Bosch A, Drexler B, Gerull S, Ghosh A, Meyer BJ, Jauch A, Pini K, Poletti F, Berkemeier CM, Heijnen I, Panne I, Cavelti-Weder C, Niess JH, Dixon K, Daikeler T, Hartmann K, Hess C, Halter J, Passweg J, Navarini AA, Yamamoto H, Berger CT, Recher M, Hruz P: **Post-transplant Inflammatory Bowel Disease Associated with Donor-Derived TIM-3 Deficiency.** *J Clin Immunol* 2024, 44(3):63. IF 7.2

Ben Hassine K, Seydoux C, Khier S, Daali Y, Medinger M, Halter J, Heim D, Chalandon Y, Schanz U, Nair G, Cantoni N, Passweg JR, Satyanarayana Uppugunduri CR, Ansari M: **Pharmacokinetic Modeling and Simulation with Pharmacogenetic Insights Support the Relevance of Therapeutic Drug Monitoring for Myeloablative Busulfan Dosing in Adult HSCT.** *Transplant Cell Ther* 2024, 30(3):332 e331-332 e315. IF 3.6

Dahmke H, Cabrera-Diaz F, Heizmann M, Stoop S, Schuetz P, Fiumefreddo R, Zaugg C: **Development and validation of a clinical decision support system to prevent anticoagulant duplications.** *Int J Med Inform* 2024, 187:105446. IF 3.7

Kaufmann E, Aepli S, Arnold W, Balermpas P, Beyer J, Bieri U, Cathomas R, de Bari B, Dressler M, Engeler DS, Erdmann A, Gallina A, Gomez S, Guckenberger M, Herrmann TRW, Hermanns T, Ilaria L, John H, Kessler TM, Klein J, Laouiti M, Lauffer D, Mattei A, Muntener M, Nguyen D, Niederberger P, Papachristofilou A, Praise L, Reinhardt K, Salati E, Sebe P, Shelan M, Strelbel R, Templeton AJ, Vogl U, Wettstein MS, Zihler D, Zilli T, Zwahlen D, Roth B, Fankhauser C: **Follow-up strategies after trimodal treatment for muscle-invasive bladder cancer: a systematic review.** *World J Urol* 2024, 42(1):527. IF 2.8

Rogers S, Gross M, Ermis E, Cosgun G, Baumert BG, Mader T, Schroeder C, Lomax N, Alonso S, Ademaj A, Lazeroms T, Lee SY, Mayinger M, Mamot C, Schwyzer L, Schubert GA, Riesterer O: **Re-irradiation for recurrent glioblastoma: a pattern of care analysis.** *BMC Neurol* 2024, 24(1):462. IF 2.2

Schmid S, Holer L, Gysel K, Koster KL, Rothschild SI, Boos LA, Frehner L, Cardoso Almeida S, Britschgi C, Metaxas Y, Mark M, Froesch P, Janthur WD, Allemand A, Waibel C, Von der Muell-Schill C, Fruh M, Mauti LA: **Real-World Outcomes of Patients With Malignant Pleural Mesothelioma Receiving a Combination of Ipilimumab and Nivolumab as First- or Later-Line Treatment.** *JTO Clin Res Rep* 2024, 5(12):100735. IF 4.2

Schuler A, Huser J, Schmid S, Schar S, Scherz A, Gautschi O, Mauti L, von Briel T, Waibel C, Wannesson L, Pankovics J, Mark MT, Rothschild SI, Addeo A, Janthur WD, Siano M, Boos L, Britschgi C, Fruh M: **Patterns of progression on first line osimertinib in patients with EGFR mutation-positive advanced non-small cell lung cancer (NSCLC): A Swiss cohort study.** *Lung Cancer* 2024, 187:107427. IF 4.5

Seydoux C, Uppugunduri CRS, Medinger M, Nava T, Halter J, Heim D, Chalandon Y, Schanz U, Nair G, Cantoni N, Passweg JR, Ansari M: **Correction: Effect of pharmacokinetics and pharmacogenomics in adults with allogeneic hematopoietic cell transplantation conditioned with Busulfan.** *Bone Marrow Transplant* 2024, 59(2):294. IF 4.5

Theocharides A, Gisslinger H, De Stefano V, Accurso V, Iurlo A, Devos T, Egyed M, Lippert E, Delgado RG, Cantoni N, Dahm AEA, Sotiropoulos D, Houtsma E, Smyth A, Iqbal A, Di Matteo P, Zuurman M, Te Boekhorst PAW: **Ruxolitinib in patients with polycythemia vera resistant and/or intolerant to hydroxyurea: European observational study.** *Eur J Haematol* 2024, 112(3):379-391. IF 2.3

Tumay C, Sachs A, Stiefel I, Kim MJ: **Lesson for the clinical nephrologist: thrombotic microangiopathy associated with metastatic prostate cancer.** *J Nephrol* 2024. IF 2.7

**Pneumologie und Schlafmedizin**

Degtyarova G, Conen A, Klarer A, Arifi T, Guldimann G, Finkener S, Spirig A, Kabitz HJ: **Transfusion-related acute lung injury (TRALI) following intravenous immunoglobulin infusion in a rituximab immunosuppressed patient with long-shedding SARS-CoV-2.** *BMC Infect Dis* 2024, 24(1):916. IF 3.4

Reiser R, Brill AK, Nakas CT, Hefti U, Berger D, Perret Hoigne E, Kabitz HJ, Merz TM, Pichler Hefti J: **Lung function parameters are associated with acute mountain sickness and are improved at high and extreme altitude.** *Respir Physiol Neurobiol* 2024, 330:104318. IF 1.9

Stanzel SB, Spiesshofer J, Trudzinski F, Cornelissen C, Kabitz HJ, Fuchs H, Boentert M, Mathes T, Michalsen A, Hirschfeld S, Dreher M, Windisch W, Walterspacher S, Fur die Leitliniengruppe iaR, Bickenbach J, Budweiser S, Delis S, Dellweg D, Franke C, Gross M, Geiseler J, Iberl G, Kohnlein T, Morer O, Randerath W, Schucher B, Siemon K, Stieglitz S, Storre JH, Westhoff, Michael, Winterholler M, Wobbecking HJ: **[S3 Guideline: Treating Chronic Respiratory Failure with Non-invasive Ventilation].** *Pneumologie* 2024. IF 1.2

**BEREICH MEDIZIN**

Steinberg R, Mostacci N, Kieninger E, Frauchiger B, Casaulta C, Usemann J, Moeller A, Trachsel D, Rochat I, Blanchon S, Mueller-Suter D, Kern B, Zanolari M, Frey U, Ramsey KA, Hilty M, Latzin P, Korten I, group Ss, group Bs: **Early nasal microbiota and subsequent respiratory tract infections in infants with cystic fibrosis.** *Commun Med (Lond)* 2024, 4(1):246. IF 5.4

Zeymer U, Riemer T, Wolf U, Schaefer S, Taggeselle J, Kabitz HJ, Prondzinsky R, Suselbeck T, Kleemann T, Zahn R, Heer T, Investigators A: **Impact of Renal Function Estimation Formulae on Use and Correct Dosing of NOACs in Patients with Non-valvular Atrial Fibrillation in Real Life in Germany.** *Am J Cardiovasc Drugs* 2024. IF 2.8

**Rheumatologie und Immunologie**

Adler S: **[Immunoglobulin A vasculitis].** *Inn Med (Heidelb)* 2024, 65(2):114-121.

Christ L, Kissling S, Finckh A, Fisher BA, Adler S, Maurer B, Moller B, Kollert F: **Concomitant Sjogren's disease as a biomarker for treatment effectiveness in rheumatoid arthritis – results from the Swiss clinical quality management cohort.** *Arthritis Res Ther* 2024, 26(1):68. IF 4.4

Karbysheva S, Morovic P, Bellova P, Berger MS, Stiehler M, Meller S, Kirschbaum S, Lindenlaub P, Zgraggen A, Oberle M, Fuchs M, Perka C, Trampuz A, Conen A: **Synovial fluid D-lactate – a pathogen-specific biomarker for septic arthritis: a prospective multicenter study.** *Clin Chem Lab Med* 2024. IF 3.8

Kleer JS, Skattum L, Dubler D, Fischer I, Zgraggen A, Mundwiler E, Kim MJ, Trendelenburg M: **Complement C1s deficiency in a male Caucasian patient with systemic lupus erythematosus: a case report.** *Front Immunol* 2023, 14:1257525. IF 5.7

Staruch M, Gomez S, Rogers S, Takacs I, Kern T, Adler S, Cadosch D, Riesterer O: **Low-dose radiotherapy for greater trochanteric pain syndrome-a single-centre analysis.** *Strahlenther Onkol* 2024, 200(2):128-133. IF 2.7

Trottet C, Allam A, Horvath AN, Finckh A, Hugle T, Adler S, Kyburz D, Micheroli R, Krauthammer M, Ospelt C: **Explainable deep learning for disease activity prediction in chronic inflammatory joint diseases.** *PLOS Digit Health* 2024, 3(6):e0000422. IF 0.8

Windisch K, Jordan S, Becker MO, Bruni C, Dobrota R, Elhai M, Garaiman IA, Mihai CM, Iudici M, Hasler P, Ribi C, Maurer B, Gabrielli A, Hoffmann-Vold AM, Distler O: **Therapeutic management of fibrosis in systemic sclerosis patients – an analysis from the Swiss EUSTAR cohort.** *Swiss Med Wkly* 2024, 154:3630. IF 2.1

**Spitalpharmazie**

Dahmke H, Cabrera-Diaz F, Heizmann M, Stoop S, Schuetz P, Fiumefreddo R, Zaugg C: **Development and validation of a clinical decision support system to prevent anticoagulant duplications.** *Int J Med Inform* 2024, 187:105446. IF 3.7

Dahmke H, Schelshorn J, Fiumefreddo R, Schuetz P, Salili AR, Cabrera-Diaz F, Meyer-Massetti C, Zaugg C: **Evaluation of Triple Whammy Prescriptions After the Implementation of a Drug Safety Algorithm.** *Drugs Real World Outcomes* 2024, 11(1):125-135. IF 1.9

**BEREICH PERIOPERATIVE, NOTFALL- UND INTENSIVMEDIZIN****Anästhesie**

Glarner N, Puelacher C, Gualandro DM, Pargger M, Hure G, Maiorano S, Strebel I, Fried S, Bolliger D, Steiner LA, Lampart A, Lurati Buse G, Mujagic E, Lardinois D, Kindler C, Guerke L, Schaeren S, Mueller A, Clauss M, Buser A, Hammerer-Lercher A, Mueller C, Basel PMII: **Association of preoperative beta-blocker use and cardiac complications after major noncardiac surgery: a prospective cohort study.** *Br J Anaesth* 2024, 132(6):1194-1203. IF 9.1

Kaiser HA, Bauer T, Riva T, Greif R, Riedel T, Theiler L, Nabecker S: **Carbon dioxide and cardiac output as major contributors to cerebral oxygenation during apnoeic oxygenation.** *Sci Rep* 2024, 14(1):3617. IF 3.8

Kleine-Brieggeney M, Huber M, Theiler L, Priemer F, Greif R: **Quantification and time course of subjective psychotropic and somatic effects of tetrahydrocannabinol – a prospective, single-blind, placebo-controlled exploratory trial in healthy volunteers.** *BMC Psychiatry* 2024, 24(1):902. IF 3.4

Pedersen TH, Nabecker S, Greif R, Theiler L, Kleine-Brieggeney M: **Critical airway-related incidents and near misses in anaesthesia: a qualitative study of a critical incident reporting system.** *Br J Anaesth* 2024, 133(2):371-379. IF 9.1

Sarraj R, Theiler L, Vakilzadeh N, Krupka N, Wiest R: **Propofol sedation in routine endoscopy: A case series comparing target controlled infusion vs manually controlled bolus concept.** *World J Gastrointest Endosc* 2024, 16(1):11-17. IF 1.4

Servatius H, Kueffer T, Erdoes G, Seiler J, Tanner H, Noti F, Haeberlin A, Madaffari A, Branca M, Dutschler S, Theiler L, Reichlin T, Roten L: **Electrophysiological differences of randomized deep sedation with dexmedetomidine versus propofol.** *BMC Anesthesiol* 2024, 24(1):263. IF 2.3

## BEREICH PERIOPERATIVE, NOTFALL- UND INTENSIVMEDIZIN

### Intensivmedizin

Arki K, Degen C, Gruber P, Ciocci L: **A Rare Case of a Good Neurological Outcome following Traumatic Foix-Chavany-Marie Syndrome.** *Case Rep Crit Care* 2024, 2024:6652867.

Degtyarova G, Conen A, Klarer A, Arifi T, Guldmann G, Finkener S, Spirig A, Kabitz HJ: **Transfusion-related acute lung injury (TRALI) following intravenous immunoglobulin infusion in a rituximab immunosuppressed patient with long-shedding SARS-CoV-2.** *BMC Infect Dis* 2024, 24(1):916. IF 3.4

Falys M, Neto AS, Ciocci L: **Physiological changes after fluid bolus therapy in cardiac surgery patients: A propensity score matched case-control study.** *Crit Care Resusc* 2024, 26(1):32-40. IF 1.4

Guntern LB, Erne K, Achermann A, Muller M, Jeitziner MM, Zante B: **Strategies for Coping With Complicated Grief in Relatives of Patients Who Are Critically Ill: An Observational Single-Center Cohort Study.** *Chest* 2024. IF 9.5

Messmer AS, Baertsch G, Ciocci L: **Prevalence and characteristics of medical emergency teams in Switzerland: a nationwide survey of intensive care units.** *Minerva Anestesiol* 2024, 90(5):409-416. IF 2.9

Moser A, Ciocci L, Tosetti S: **In Reply to Dr Mohanty et al.** *Wilderness Environ Med* 2024, 35(1):103-104. IF 1.4

## BEREICH ZENTRALE MEDIZINISCHE DIENSTE

### AI & Data Science CoE

Rippa M, Schulze R, Kenyon G, Himstedt M, Kwiatkowski M, Grobholz R, Wyler S, Cornelius A, Schindera S, Burn F: **Evaluation of Machine Learning Classification Models for False-Positive Reduction in Prostate Cancer Detection Using MRI Data.** *Diagnostics (Basel)* 2024, 14(15). IF 3

### Institut für Labormedizin

Buchmueller LC, Wunderle C, Laager R, Bernasconi L, Neyer PJ, Tribolet P, Stanga Z, Mueller B, Schuetz P: **Association of phenylalanine and tyrosine metabolism with mortality and response to nutritional support among patients at nutritional risk: a secondary analysis of the randomized clinical trial EFFORT.** *Front Nutr* 2024, 11:1451081. IF 4

Bugarin C, Antolini L, Buracchi C, Matarraz S, Coliva TA, Van der Velden VH, Szczepanski T, Da Costa ES, Van der Sluijs A, Novakova M, Mejstrikova E, Nierkens S, De Mello FV, Fernandez P, Aanei C, Sedek L, Strocchio L, Masetti R, Sainati L, Philippe J, Valsecchi MG, Locatelli F, Van Dongen JJM, Biondi A, Orfao A, Gaipa G: **Phenotypic profiling of CD34(+) cells by advanced flow cytometry improves diagnosis of juvenile myelomonocytic leukemia.** *Haematologica* 2024, 109(2):521-532. IF 8.2

Collinson P, Hammerer-Lercher A, Aakre KM, Gruson D, Suvisaari J, Pulkki K, Stankovic S, Baum H, Lowry MT, Mills NL, Laitinen P: **Implementation of high sensitivity troponin into routine clinical practice – results of the extended CARdiac MArkers guideline uptake in Europe group (CARMAGUE) survey.** *Clin Chim Acta* 2024, 558:117900. IF 3.2

Dietze A, Neyer PJ, Speth MM, Metzler P, Elicin O, Balermpas P, Aebersold DM, Riesterer O, Stieb S: **Therapy-Associated Saliva and Taste change Evaluation (TASTE) in head & neck cancer patients undergoing radiotherapy: a study protocol.** *BMC Cancer* 2024, 24(1):865. IF 3.4

Glarner N, Puelacher C, Gualandro DM, Pargger M, Hure G, Maiorano S, Strebel I, Fried S, Bolliger D, Steiner LA, Lampart A, Lurati Buse G, Mujagic E, Lardinois D, Kindler C, Guerke L, Schaeren S, Mueller A, Clauss M, Buser A, Hammerer-Lercher A, Mueller C, Basel PMII: **Association of preoperative beta-blocker use and cardiac complications after major noncardiac surgery: a prospective cohort study.** *Br J Anaesth* 2024, 132(6):1194-1203. IF 9.1

Gruson D, Hammerer-Lercher A, Collinson P, Duff C, Baum H, Pulkki K, Suvisaari J, Stankovic S, Laitinen P, Bayes-Genis A: **The multidimensional value of natriuretic peptides in heart failure, integrating laboratory and clinical aspects.** *Crit Rev Clin Lab Sci* 2024, 61(6):458-472. IF 6.6

Karbsheva S, Morovic P, Bellova P, Berger MS, Stiehler M, Meller S, Kirschbaum S, Lindenlaub P, Zgraggen A, Oberle M, Fuchs M, Perka C, Trampuz A, Conen A: **Synovial fluid D-lactate – a pathogen-specific biomarker for septic arthritis: a prospective multi-center study.** *Clin Chem Lab Med* 2024. IF 3.8

Kleer JS, Skattum L, Dubler D, Fischer I, Zgraggen A, Mundwiler E, Kim MJ, Trendelenburg M: **Complement C1s deficiency in a male Caucasian patient with systemic lupus erythematosus: a case report.** *Front Immunol* 2023, 14:1257525. IF 5.7

## BEREICH ZENTRALE MEDIZINISCHE DIENSTE

Larsen EL, Nilius H, Studt JD, Tsakiris DA, Greinacher A, Mendez A, Schmidt A, Wuillemin WA, Gerber B, Vishnu P, Graf L, Kremer Hovinga JA, Goetze JP, Bakchoul T, Nagler M: **Accuracy of Diagnosing Heparin-Induced Thrombocytopenia.** *JAMA Netw Open* 2024, 7(3):e243786. IF 10.5

Neyer PJ, Kabore B, Nakas CT, Diallo S, Tinto H, Post A, van der Ven AJ, Huber AR, Largiader CR, Hammerer-Lercher A: **Increased erythroferrone levels in malarial anaemia.** *Br J Haematol* 2024, 204(5):2066-2070. IF 5.1

Nilius H, Hamzeh-Cognasse H, Hastings J, Studt JD, Tsakiris DA, Greinacher A, Mendez A, Schmidt A, Wuillemin WA, Gerber B, Vishnu P, Graf L, Kremer Hovinga JA, Bakchoul T, Cognasse F, Nagler M: **Proteomic profiling for biomarker discovery in heparin-induced thrombocytopenia.** *Blood Adv* 2024, 8(11):2825-2834. IF 7.4

Nilius H, Naas S, Studt JD, Tsakiris DA, Greinacher A, Mendez A, Schmidt A, Wuillemin WA, Gerber B, Vishnu P, Graf L, Kremer Hovinga JA, Bakchoul T, Nakas C, Nagler M: **The dynamic range of immunoassays for heparin-induced thrombocytopenia.** *J Thromb Haemost* 2024. IF 5.5

Ritz J, Wunderle C, Stumpf F, Laager R, Trbolet P, Neyer P, Bernasconi L, Stanga Z, Mueller B, Schuetz P: **Association of tryptophan pathway metabolites with mortality and effectiveness of nutritional support among patients at nutritional risk: secondary analysis of a randomized clinical trial.** *Front Nutr* 2024, 11:1335242. IF 4

Staruch M, Speth MM, Neyer P, Riesterer O, Aebersold DM, Stieb S: **Radiation-associated changes in saliva composition of head and neck cancer patients: A systematic review.** *Radiother Oncol* 2024, 196:110279. IF 4.9

Stumpf F, Wunderle C, Ritz J, Bernasconi L, Neyer P, Trbolet P, Stanga Z, Mueller B, Bischoff SC, Schuetz P: **Prognostic implications of the arginine metabolism in patients at nutritional risk: A secondary analysis of the randomized EFFORT trial.** *Clin Nutr* 2024, 43(3):660-673. IF 6.6

Verbeek MWC, Rodriguez BS, Sedek L, Laqua A, Buracchi C, Buysse M, Reiterova M, Oliveira E, Morf D, Oude Alink SR, Barrena S, Kohlscheen S, Nierkens S, Hofmans M, Fernandez P, de Costa ES, Mejstrikova E, Szczepanski T, Slota L, Bruggemann M, Gaipa G, Grigore G, van Dongen JJM, Orfaa A, van der Velden VHJ: **Minimal residual disease assessment in B-cell precursor acute lymphoblastic leukemia by semi-automated identification of normal hematopoietic cells: A EuroFlow study.** *Cytometry B Clin Cytom* 2024, 106(4):252-263. IF 2.3

Wunderle C, Haller L, Laager R, Bernasconi L, Neyer P, Stumpf F, Trbolet P, Stanga Z, Mueller B, Schuetz P: **The Association of the Essential Amino Acids Lysine, Methionine, and Threonine with Clinical Outcomes in Patients at Nutritional Risk: Secondary Analysis of a Randomized Clinical Trial.** *Nutrients* 2024, 16(16). IF 4.8

Wunderle C, von Arx D, Mueller SC, Bernasconi L, Neyer P, Trbolet P, Stanga Z, Mueller B, Schuetz P: **Association of Glutamine and Glutamate Metabolism with Mortality among Patients at Nutritional Risk-A Secondary Analysis of the Randomized Clinical Trial EFFORT.** *Nutrients* 2024, 16(2). IF 4.8

## Institut für Pathologie

Faryna K, Tessier L, Retamero J, Bonthu S, Samanta P, Singhal N, Kammerer-Jacquet SF, Radulescu C, Agosti V, Collin A, Farre X, Fontugne J, Grobholz R, Hoogland AM, Moreira Leite KR, Oktay M, Polonia A, Roy P, Salles PG, van der Kwast TH, van Ipenburg J, van der Laak J, Litjens G: **Evaluation of Artificial Intelligence-Based Gleason Grading Algorithms „in the Wild“.** *Mod Pathol* 2024, 37(11):100563. IF 7.1

Hutmacher F, Doerig S, Grobholz R, Kohler H, Meyer P, Baumann P: **Aphthous lesions turned out to be neonatal very early-onset inflammatory bowel disease: a case report.** *Front Pediatr* 2024, 12:1433852. IF 2.1

Janowczyk A, Zlobec I, Walker C, Berezowska S, Huschauer V, Tinguely M, Kupferschmid J, Mallet T, Merkler D, Kreutzfeldt M, Gasic R, Rau TT, Mazzucchelli L, Eyberg I, Cathomas G, Mertz KD, Koelzer VH, Soldini D, Jochum W, Rossle M, Henkel M, Grobholz R, Swiss Digital Pathology C: **Swiss digital pathology recommendations: results from a Delphi process conducted by the Swiss Digital Pathology Consortium of the Swiss Society of Pathology.** *Virchows Arch* 2024, 485(1):13-30. IF 3.4

Kleer JS, Skattum L, Dubler D, Fischer I, Zgraggen A, Mundwiler E, Kim MJ, Trendelenburg M: **Complement C1s deficiency in a male Caucasian patient with systemic lupus erythematosus: a case report.** *Front Immunol* 2023, 14:1257525. IF 5.7

Nessenius F, Zucal I, Allmann JK, Spreitzer S, Marti R: **Incidental deep soft tissue leiomyoma of the groin – a case report and comprehensive review of literature.** *J Surg Case Rep* 2024, 2024(1):rjae020. IF 0.4

Perl T, Jacquemai M, Pedrazzi N, Grobholz R, Glaab R, Conen A, Plock JA: **Gas gangrene with Clostridium septicum in a neutropenic patient.** *Infection* 2024. IF 5.4

## BEREICH ZENTRALE MEDIZINISCHE DIENSTE

Rippa M, Schulze R, Kenyon G, Himstedt M, Kwiatkowski M, Grobholz R, Wyler S, Cornelius A, Schindera S, Burn F: **Evaluation of Machine Learning Classification Models for False-Positive Reduction in Prostate Cancer Detection Using MRI Data.** *Diagnostics (Basel)* 2024, 14(15). IF 3

Rogers S, Schwyzer L, Lomax N, Alonso S, Lazeroms T, Gomez S, Diahovets K, Fischer I, Schwenne S, Ademaj A, Berkmann S, Tortora A, Marbacher S, Remonda L, Schubert GA, Riesterer O: **Preoperative radiosurgery for brain metastases (PREOP-1): A feasibility trial.** *Clin Transl Radiat Oncol* 2024, 47:100798. IF 2.7

### Neuroradiologie

Anderegg L, Bosshart SL, Marbacher S, Gruter BE, Berberat J, Schubert GA, Anon J, Diepers M, Steiger HJ, Remonda L, Gruber P: **Long-Term Hemorrhage and Reperfusion Rates of Coiled Aneurysms: A Single-Center Experience.** *J Clin Med* 2024, 13(17). IF 3

Arki K, Degen C, Gruber P, Cioccarri L: **A Rare Case of a Good Neurological Outcome following Traumatic Foix-Chavany-Marie Syndrome.** *Case Rep Crit Care* 2024, 2024:6652867.

Bandhauer B, Gruber P, Anderegg L, Berberat J, Wanderer S, Cattaneo M, Schubert GA, Remonda L, Marbacher S, Gruter BE: **From conservative to interventional management in unruptured intracranial aneurysms.** *J Neurosurg* 2024;1-7. IF 3.5

Berberat J, Pircher A, Remonda L, Killer HE: **Age related cerebrospinal fluid flow dynamics in the subarachnoid space of the optic nerve in patients with normal tension glaucoma, measured by diffusion weighted MRI.** *Eye (Lond)* 2024, 38(13):2575-2580. IF 2.8

Dittrich TD, Schneider T, Katan M, Luft AR, Mono ML, Bolognese M, Nedeltchev K, Kahles T, Arnold M, Heldner M, Michel P, Carrera E, Rodic B, Cereda CW, Peters N, Bonati LH, Renaud S, Humm AM, Medlin F, Albert S, Sturzenegger R, Tarnutzer AA, Siebel P, Baumgartner M, Berger C, Mordasini P, Vehoff J, De Marchis GM, Swiss Stroke Registry I: **Risk Factors, Treatments, and Outcomes of Adults Aged <55 Years With Acute Ischemic Stroke With Undetermined Versus Determined Pathogenesis: A Nationwide Swiss Cohort Study.** *J Am Heart Assoc* 2024, 13(23):e036761. IF 6.1

Dreyfus R, Boehler Q, Lytle S, Gruber P, Lussi J, Chautems C, Gervasoni S, Berberat J, Seibold D, Ochsenbein-Kolble N, Reinehr M, Weisskopf M, Remonda L, Nelson BJ: **Dexterous helical magnetic robot for improved endovascular access.** *Sci Robot* 2024, 9(87):eadh0298. IF 26.1

Gervasoni S, Pedrini N, Rifai T, Fischer C, Landers FC, Mattmann M, Dreyfus R, Viviani S, Veciana A, Masina E, Aktas B, Puigmarti-Luis J, Chautems C, Pane S, Boehler Q, Gruber P, Nelson BJ: **A Human-Scale Clinically Ready Electromagnetic Navigation System for Magnetically Responsive Biomaterials and Medical Devices.** *Adv Mater* 2024, 36(31):e2310701. IF 27.4

Greselin M, Lu PJ, Melie-Garcia L, Ocampo-Pineda M, Galbusera R, Cagol A, Weigel M, de Oliveira Siebenborn N, Ruberte E, Benkert P, Muller S, Finkener S, Vehoff J, Disanto G, Findling O, Chan A, Salmen A, Pot C, Bridel C, Zecca C, Derfuss T, Lieb JM, Diepers M, Wagner F, Vargas MI, Pasquier RD, Lalive PH, Pravata E, Weber J, Gobbi C, Leppert D, Kim OC, Cattin PC, Hoepner R, Roth P, Kappos L, Kuhle J, Granziera C: **Contrast-Enhancing Lesion Segmentation in Multiple Sclerosis: A Deep Learning Approach Validated in a Multicentric Cohort.** *Bioengineering (Basel)* 2024, 11(8). IF 3.8

Gruter BE, Catalano K, Anon J, Gruber P, Thanabalasingam A, Anderegg L, Schubert GA, Remonda L, Marbacher S: **Intra-aneurysmal contrast agent stasis during intraoperative digital subtraction angiography may predict long-term occlusion after clipping.** *Acta Neurochir (Wien)* 2024, 166(1):309. IF 1.9

Gruter BE, Croci D, Vakharia K, Gruber P, Taussky P: **Editorial: Hybrid (combined endovascular and microsurgical) treatments for cerebrovascular diseases.** *Front Neurol* 2024, 15:1378269. IF 2.7

Hoffmann A, Almiri W, Mordasini P, Bahler A, Seiffge DJ, Goldlin MB, Jager E, Muresan IP, Christ L, Heldner MR, Wiest R, Radojewski P: **7T MRI as a powerful tool to detect small and medium size vessel CNS vasculitis.** *AJNR Am J Neuroradiol* 2024. IF 3.1

Huber C, Berberat J, Sassenburg R, Pflugl S, Anon J, Diepers M, Anderegg L, Kahles T, Luft AR, Nedeltchev K, Remonda L, Gruber P: **Age and Stroke Severity Matter Most for Clinical Outcome in Acute Arteriosclerotic Tandem Lesions.** *J Clin Med* 2024, 13(8). IF 3

Jankowitz B, Abergel E, Agid R, Al-Schameri AR, Bartosz Kadziolka K, Brook A, Diepers M, Farkas J, Fifi J, Fischer S, Gandhi C, Gooch R, Grandhi R, Pero G, Raphaeli G, Roychowdhury S, Shahram M, Stracke CP, Sourour N, Tanweer O, Tateshima S, Taussky P, Wiesmann M, Yoo A, Zumofen DW, Singer J: **Optimizing Tigertriever adjustable stentriever technique: Operators' experience.** *Interv Neuroradiol* 2024;15910199241272743. IF 1.5

Nevzati E, Rey J, Spiessberger A, Moser M, Roethlisberger M, Grüter BE, Widmer HR, Coluccia D, Marbacher S: **Aneurysm healing following treatment with biodegradable embolization materials: assessment in a rat sidewall aneurysm model.** *J Neurointerv Surg* 2024, 17(e1):e178-e184. IF 4.5

## BEREICH ZENTRALE MEDIZINISCHE DIENSTE

Rogers S, Schwyzer L, Lomax N, Alonso S, Lazeroms T, Gomez S, Diahovets K, Fischer I, Schwenne S, Ademaj A, Berkmann S, Tortora A, Marbacher S, Remonda L, Schubert GA, Riesterer O: **Preoperative radiosurgery for brain metastases (PREOP-1): A feasibility trial.** *Clin Transl Radiat Oncol* 2024, 47:100798. IF 2.7

Rossinelli D, Fourestey G, Killer HE, Neutzner A, Iaccarino G, Remonda L, Berberat J: **Large-scale in-silico analysis of CSF dynamics within the subarachnoid space of the optic nerve.** *Fluids Barriers CNS* 2024, 21(1):20. IF 5.9

Ulmer S, Gruber P, Schubert GA, Remonda L, Marbacher S, Gruter BE: **Combined Microsurgical and Endovascular Intracranial Aneurysm Treatment: Interdisciplinary Experience Using a True Hybrid Approach and a Systematic Review of the Literature.** *Brain Sci* 2024, 14(8). IF 2.7

## Nuklearmedizin

Neubauer MC, Nicolas GP, Bauman A, Fani M, Nitzsche E, Afshar-Oromieh A, Forrer F, Rentsch C, Stenner F, Templeton A, Schafer N, Wild D, Chirindel A, all investigators on behalf of the STWG: **Early response monitoring during [(177)Lu]Lu-PSMA I&T therapy with quantitated SPECT/CT predicts overall survival of mCRPC patients: subgroup analysis of a Swiss-wide prospective registry study.** *Eur J Nucl Med Mol Imaging* 2024, 51(4):1185-1193. IF 8.6

Stocker D, Sommer C, Gueng S, Stauble J, Ozden I, Griessinger J, Weyland MS, Lutters G, Scheidegger S: **Probabilistic U-Net model observer for the DDC method in CT scan protocol optimization.** *Phys Med Biol* 2024, 69(11). IF 3.3

## Radiologie

Degtiarova G, Conen A, Klarer A, Arifi T, Guldimann G, Finkener S, Spirig A, Kabitz HJ: **Transfusion-related acute lung injury (TRALI) following intravenous immunoglobulin infusion in a rituximab immunosuppressed patient with long-shedding SARS-CoV-2.** *BMC Infect Dis* 2024, 24(1):916. IF 3.4

Elfgren C, Varga Z, Breitling K, Pauli E, Schwegler-Guggemos D, Kampmann G, Kubik-Huch RA, Leo C, Lepori D, Sonnenschein M, Tausch C, Schrading S: **Long-Term Follow-Up of High-Risk Breast Lesions at Vacuum-Assisted Biopsy without Subsequent Surgical Resection.** *Breast Care (Basel)* 2024, 19(1):62-72. IF 2

Graeve VIJ, Laures S, Spirig A, Zaytoun H, Gregoriano C, Schuetz P, Burn F, Schindera S, Schnitzler T: **Implementation of an AI Algorithm in Clinical Practice to Reduce Missed Incidental Pulmonary Embolisms on Chest CT and Its Impact on Short-Term Survival.** *Invest Radiol* 2024. IF 7

Hamilton P, Valentin Eisenring C, Burn F, Aziz W, Vasankari V, Rossmann T, Veldeman M, Thakur J: **Cerebral abscess in Down syndrome: a systematic review on treatment and prognosis. Illustrative case.** *J Neurosurg Case Lessons* 2024, 8(11).

Kecman S, Schindera S, Hartel M, Grafitsch A: **A 'traumatic' mechanical small bowel obstruction after blunt pelvic trauma.** *J Surg Case Rep* 2024, 2024(2):rjad722. IF 0.4

Nowakowska S, Vescoli V, Schnitzler T, Ruppert C, Borkowski K, Boss A, Rossi C, Wein B, Ciritsis A: **Technical feasibility of automated blur detection in digital mammography using convolutional neural network.** *Eur Radiol Exp* 2024, 8(1):129. IF 3.8

Rippa M, Schulze R, Kenyon G, Himstedt M, Kwiatkowski M, Grobholz R, Wyler S, Cornelius A, Schindera S, Burn F: **Evaluation of Machine Learning Classification Models for False-Positive Reduction in Prostate Cancer Detection Using MRI Data.** *Diagnostics (Basel)* 2024, 14(15). IF 3

Schnitzler T, Ruppert C, Hejduk P, Borkowski K, Kajuter J, Rossi C, Ciritsis A, Landsmann A, Zaytoun H, Boss A, Schindera S, Burn F: **Automatic Detection of Post-Operative Clips in Mammography Using a U-Net Convolutional Neural Network.** *J Imaging* 2024, 10(6). IF 2.7

Smith-Bindman R, Kang T, Chu PW, Wang Y, Stewart C, Das M, Duong PA, Cervantes L, Lamba R, Lee RK, MacLeod F, Kasraie N, Neill R, Pike P, Roehm J, Schindera S, Chung R, Delman BN, Jeukens C, Starkey LJ, Szczukutowicz TP: **Large variation in radiation dose for routine abdomen CT: reasons for excess and easy tips for reduction.** *Eur Radiol* 2024, 34(4):2394-2404. IF 4.7

**BEREICH ZENTRALE MEDIZINISCHE DIENSTE****Radio-Onkologie**

Adebahr S, Althaus A, Scharl S, Strouthos I, Farolfi A, Serani F, Lanzafame H, Trapp C, Koerber SA, Peeken JC, Vogel MME, Vrachimis A, Spohn SKB, Grosu AL, Kroese SGC, Guckenberger M, Fanti S, Hruby G, Emmett L, Belka C, Schmidt-Hegemann NS, Henkenberens C, Aebersold DM, Wiegel T, Afshar-Oromieh A, Zamboglou C, Shelan M: **The prognostic significance of a negative PSMA-PET scan prior to salvage radiotherapy following radical prostatectomy.** *Eur J Nucl Med Mol Imaging* 2024, 51(2):558-567. IF 8.6

Ademaj A, Stieb S, Gani C, Ott OJ, Marder D, Hälg RA, Rogers S, Ghadjar P, Fietkau R, Crezee H, Riesterer O: **Neoadjuvant chemo-radiotherapy in combination with deep regional hyperthermia followed by surgery for rectal cancer: a systematic review and meta-analysis.** *Strahlenther Onkol* 2024. IF 2.7

Andratschke N, Willmann J, Appelt AL, Day M, Kronborg C, Massaccesi M, Ozsahin M, Pasquier D, Petric P, Riesterer O, De Ruysscher D, J MVdV, Guckenberger M: **Reirradiation – still navigating uncharted waters?** *Clin Transl Radiat Oncol* 2024, 49:100871. IF 2.7

Bolsi A, De Angelis C, Vazquez M, Siewert D, Correia D, Bachmann N, Lomax AJ, Pica A, Weber DC: **Craniospinal irradiation using pencil beam Scanning: The PSI experience.** *Phys Med* 2024, 127:104817. IF 3.3

Buchner JA, Kofler F, Mayinger M, Christ SM, Brunner TB, Wittig A, Menze B, Zimmer C, Meyer B, Guckenberger M, Andratschke N, El Shafie RA, Debus J, Rogers S, Riesterer O, Schulze K, Feldmann HJ, Blanck O, Zamboglou C, Ferentinos K, Bilger-Zahringer A, Grosu AL, Wolff R, Piraud M, Eitz KA, Combs SE, Bernhardt D, Rueckert D, Wiestler B, Peeken JC: **Radiomics-based prediction of local control in patients with brain metastases following postoperative stereotactic radiotherapy.** *Neuro Oncol* 2024, 26(9):1638-1650. IF 16.4

Correia D, Indelicato DJ, Paulino AC, Ermoian R, Mihalcik S, Perkins SM, Hill-Kayser C, Mangona VS, Lee J, Chang JH, Laack NN, Kwok Y, Perentesis J, Vatner R, Dave R, Gallotto SL, Lawell MP, Bajaj BVM, Allison KW, Perry A, Yock TI: **Evolution of Proton Radiation Therapy Brainstem Constraints on the Pediatric Proton/Photon Consortium Registry.** *Pract Radiat Oncol* 2024, 14(6):e507-e514. IF 3.4

Dietze A, Neyer PJ, Speth MM, Metzler P, Elicin O, Balermpas P, Aebersold DM, Riesterer O, Stieb S: **Therapy-Associated Saliva and Taste change Evaluation (TASTE) in head & neck cancer patients undergoing radiotherapy: a study protocol.** *BMC Cancer* 2024, 24(1):865. IF 3.4

Elsayad K, Guenova E, Assaf C, Nicolay JP, Trautinger F, Stadler R, Waldstein C, Boterberg T, Meijnders P, Kirova Y, Dobos G, Duque-Santana V, Rigganbach E, Elsheshtawy W, Niegink A, Papadavid E, Scarisbrick J, Vermeer M, Neelis KJ, Bagot M, Battistella M, Quaglino P, Knobler R, Kempf W, Maklad A, Adeberg S, Kouloulas V, Simontacchi G, Corradini S, Konig L, Eich HT, Cowan R, Correia D: **Radiotherapy in cutaneous lymphomas: Recommendations from the EORTC cutaneous lymphoma tumour group.** *Eur J Cancer* 2024, 212:115064. IF 7.6

Elsayad K, Guenova E, Fournier B, Fernandes C, Clementel E, Papadavid E, Barry MB, Pavlotsky F, Assaf C, Ortiz-Romero PL, Koulioulias V, de Masson A, Dalle S, Clavere P, Schlaak M, Booken N, Wobser M, Mitteldorf C, Aviv B, Mareco V, Gallardo F, Dummer R, Gross M, Ehret F, Lancia A, Tomasik B, Hawley L, Rermouchamps V, Ibrahim MA, Gawish A, Abouegylah M, Stuschke M, Baten A, Eich HT, Specht L, Levis M, Morris S, Campbell B, Nicolay JP, Cowan R, Correia D, Group ECLT: **Real-World Pattern-of-Care Analysis of Primary Cutaneous Lymphomas Radiation Therapy Among European Organisation for Research and Treatment of Cancer Members.** *Int J Radiat Oncol Biol Phys* 2024. IF 6.4

Fabian A, Buergy D, Weykamp F, Horner-Rieber J, Bernhardt D, Boda-Heggemann J, Pazos M, Mehrhof N, Kaul D, Bicu AS, Badra EV, Rogers S, Janssen S, Hemmatzad H, Hintelmann K, Gkika E, Lange T, Ferentinos K, Karle H, Brunner T, Wittig A, Nona-Duma M, Blanck O, Krug D: **Metastasis-directed stereotactic radiotherapy in patients with breast cancer: results of an international multicenter cohort study.** *Clin Exp Metastasis* 2024, 42(1):6. IF 4.2

Guckenberger M, Billiet C, Schnell D, Franzese C, Spalek M, Rogers S, Stelmes JJ, Aebersold DM, Hemmatzad H, Zimmermann F, Zimmer J, Zilli T, Bruni A, Baumert BG, Nagler F, Gut P, Forster R, Madani I: **Dose-intensified stereotactic body radiotherapy for painful vertebral metastases: A randomized phase 3 trial.** *Cancer* 2024, 130(15):2713-2722. IF 6.1

Houda I, Bahce I, Dickhoff C, Kroese TE, Kroese SGC, Mariolo AV, Tagliamento M, Moliner L, Brandao M, Pretzenbacher Y, Edwards J, Opitz I, Brunelli A, Guckenberger M, van Schil PE, Popat S, Blum T, Faivre-Finn C, de Ruysscher D, Remon J, Berghmans T, Dingemans AC, Besse B, Hendriks LEL: **An international and multidisciplinary EORTC survey on resectability of stage III non-small cell lung cancer.** *Lung Cancer* 2024, 199:108061. IF 4.5

Janbain A, Farolfi A, Guenegou-Arnoux A, Romengas L, Scharl S, Fanti S, Serani F, Peeken JC, Katsahian S, Strouthos I, Ferentinos K, Koerber SA, Vogel ME, Combs SE, Vrachimis A, Morganti AG, Spohn SK, Grosu AL, Ceci F, Henkenberens C, Kroese SG, Guckenberger M, Belka C, Bartenstein P, Hruby G, Emmett L, Omerieh AA, Schmidt-Hegemann NS, Mose L, Aebersold DM, Zamboglou C, Wiegel T, Shelan M: **A Machine Learning Approach for Predicting Biochemical Outcome After PSMA-PET-Guided Salvage Radiotherapy in Recurrent Prostate Cancer After Radical Prostatectomy: Retrospective Study.** *JMIR Cancer* 2024, 10:e60323. IF 3.3

## BEREICH ZENTRALE MEDIZINISCHE DIENSTE

Kaufmann E, Aeppli S, Arnold W, Balermpas P, Beyer J, Bieri U, Cathomas R, de Bari B, Dressler M, Engeler DS, Erdmann A, Gallina A, Gomez S, Guckenberger M, Herrmann TRW, Hermanns T, Ilaria L, John H, Kessler TM, Klein J, Laouiti M, Lauffer D, Mattei A, Munter M, Nguyen D, Niederberger P, Papachristofilou A, Praise L, Reinhardt K, Salati E, Sebe P, Shelan M, Strelbel R, Templeton AJ, Vogl U, Wettstein MS, Zihler D, Zilli T, Zwahlen D, Roth B, Fankhauser C: **Follow-up strategies after trimodal treatment for muscle-invasive bladder cancer: a systematic review.** *World J Urol* 2024, 42(1):527. IF 2.8

Levy A, Adebahr S, Hurkmans C, Ahmed M, Ahmad S, Guckenberger M, Geets X, Lievens Y, Lambrecht M, Pourel N, Lewitzki V, Kono-ka P, Franks K, Dziadziszko R, McDonald F, Fortpied C, Clementel E, Fournier B, Rizzo S, Fink C, Riesterer O, Peulen H, Andratschke N, McWilliam A, Gkika E, Schimek-Jasch T, Grosu AL, Le Pechoux C, Faivre-Finn C, Nestle U: **Stereotactic Body Radiotherapy for Centrally Located Inoperable Early-Stage NSCLC: EORTC 22113-08113 LungTech Phase II Trial Results.** *J Thorac Oncol* 2024, 19(9):1297-1309. IF 21.1

Mingo Barba S, Ademaj A, Marder D, Riesterer O, Lattuada M, Fuchsln RM, Petri-Fink A, Scheidegger S: **Theoretical evaluation of the impact of diverse treatment conditions by calculation of the tumor control probability (TCP) of simulated cervical cancer Hyperthermia-Radiotherapy (HT-RT) treatments in-silico.** *Int J Hyperthermia* 2024, 41(1):2320852. IF 3

Moustakis C, Blanck O, Grohmann M, Albers D, Bartels D, Bathen B, Borzi GR, Broggi S, Bruschi A, Casale M, Delana A, Doolan P, Ebrahimi Tazehmahalleh F, Fabiani S, Falco MD, Fehr R, Friedlein M, Gutser S, Hamada AM, Hancock T, Kohn J, Kornhuber C, Krieger T, Lambrecht U, Lappi S, Moretti E, Mirus A, Muedder T, Plaude S, Polvika B, Ravaglia V, Righetto R, Rinaldin G, Schachner H, Scaggiola A, Schilling P, Szeverinski P, Villaggi E, Walke M, Wilke L, Winkler P, Nicolay NH, Eich HT, Gkika E, Brunner TB, Schmitt D: **Planning Benchmark Study for Stereotactic Body Radiation Therapy of Pancreas Carcinomas With Simultaneously Integrated Boost and Protection: Results of the DEGRO/DGMP Working Group on Stereotactic Radiation Therapy and Radiosurgery.** *Int J Radiat Oncol Biol Phys* 2024. IF 6.4

Ovchinnikov A, Anderegg L, Rogers S, Gschwind M: **Visual hallucinations after resection of cerebral metastases: two patients with complex phantom images.** *Strahlenther Onkol* 2024, 200(9):832-837. IF 2.7

Peteani G, Paganelli C, Giovannelli AC, Bachtary B, Safai S, Rogers S, Pusterla O, Riesterer O, Weber DC, Lomax AJ, Baroni G, Fattori G: **Retrospective reconstruction of four-dimensional magnetic resonance from interleaved cine imaging – A comparative study with four-dimensional computed tomography in the lung.** *Phys Imaging Radiat Oncol* 2024, 29:100529. IF 3.4

Rogers S, Gross M, Ermis E, Cosgun G, Baumert BG, Mader T, Schroeder C, Lomax N, Alonso S, Ademaj A, Lazeroms T, Lee SY, Mayinger M, Mamot C, Schwyzer L, Schubert GA, Riesterer O: **Re-irradiation for recurrent glioblastoma: a pattern of care analysis.** *BMC Neurol* 2024, 24(1):462. IF 2.2

Roohani S, Ehret F, Beck M, Veltsista DP, Nadobny J, Zschaek S, Abdel-Rahman S, Eckert F, Florcken A, Issels RD, Klock S, Krempien R, Lindner LH, Notter M, Ott OJ, Pink D, Potkrajcic V, Reichardt P, Riesterer O, Spalek MJ, Stutz E, Wessalowski R, Zilli T, Zips D, Ghadjar P, Kaul D: **Regional hyperthermia for soft tissue sarcoma – a survey on current practice, controversies and consensus among 12 European centers.** *Int J Hyperthermia* 2024, 41(1):2342348. IF 3

Scharl S, Zamboglou C, Strouthos I, Farolfi A, Serani F, Koerber SA, Debus J, Peeken JC, Vogel MME, Kroese SGC, Guckenberger M, Krafcsik M, Hraby G, Emmett L, Schmidt-Hegemann NS, Trapp C, Spohn SKB, Henkenberens C, Mayer B, Shelan M, Aebersold DM, Thamm R, Wiegel T: **European association of urology risk stratification predicts outcome in patients receiving PSMA-PET-planned salvage radiotherapy for biochemical recurrence following radical prostatectomy.** *Radiother Oncol* 2024, 194:110215. IF 4.9

Staruch M, Gomez S, Rogers S, Takacs I, Kern T, Adler S, Cadosch D, Riesterer O: **Low-dose radiotherapy for greater trochanteric pain syndrome-a single-centre analysis.** *Strahlenther Onkol* 2024, 200(2):128-133. IF 2.7

Staruch M, Speth MM, Neyer P, Riesterer O, Aebersold DM, Stieb S: **Radiation-associated changes in saliva composition of head and neck cancer patients: A systematic review.** *Radiother Oncol* 2024, 196:110279. IF 4.9

Zamboglou C, Staus P, Wolkewitz M, Peeken JC, Ferentinos K, Strouthos I, Farolfi A, Koerber SA, Vrachimis A, Spohn SKB, Aebersold DM, Grosu AL, Kroese SGC, Fanti S, Hraby G, Wiegel T, Emmett L, Hayoz S, Ceci F, Guckenberger M, Belka C, Schmidt-Hegemann NS, Ghadjar P, Shelan M: **Better Oncological Outcomes After Prostate-specific Membrane Antigen Positron Emission Tomography-guided Salvage Radiotherapy Following Prostatectomy.** *Eur Urol Focus* 2024. IF 4.9

Zwahlen DR, Schroder C, Holer L, Bernhard J, Holscher T, Arnold W, Polat B, Hildebrandt G, Muller AC, Martin Putora P, Papachristofilou A, Schar C, Hayoz S, Sumila M, Zaugg K, Guckenberger M, Ost P, Giovanni Bosetti D, Reuter C, Gomez S, Khanfir K, Beck M, Thalmann GN, Aebersold DM, Ghadjar P: **Erectile function preservation after salvage radiation therapy for biochemically recurrent prostate cancer after prostatectomy: Five-year results of the SAKK 09/10 randomized phase 3 trial.** *Clin Transl Radiat Oncol* 2024, 47:100786. IF 2.7

Rogers S, Schwyzer L, Lomax N, Alonso S, Lazeroms T, Gomez S, Diahovets K, Fischer I, Schwenne S, Ademaj A, Berkemann S, Tortora A, Marbacher S, Remonda L, Schubert GA, Riesterer O: **Preoperative radiosurgery for brain metastases (PREOP-1): A feasibility trial.** *Clin Transl Radiat Oncol* 2024, 47:100798. IF 2.7

**BEREICH ZENTRALE MEDIZINISCHE DIENSTE****Spitalpharmazie**

Coumou C, Gaspar F, Terrier J, Schulthess-Lisibach A, Lutters M, Le Pogam MA, Csajka C: **Drug-drug interactions with oral anticoagulants: information consistency assessment of three commonly used online drug interactions databases in Switzerland.** *Front Pharmacol* 2024, 15:1332147. IF 4.4

Paudyal V, Okuyan B, Henman MC, Stewart D, Fialova D, Hazen A, Lutters M, Olearova A, Weidmann AE, Wirth F, Cadogan CA, Nazar Z: **Scope, content and quality of clinical pharmacy practice guidelines: a systematic review.** *Int J Clin Pharm* 2024, 46(1):56–69. IF 2.6

Stanisic A, Stampfli D, Schulthess Lisibach AE, Lutters M, Burden AM: **Inpatient opioid prescribing patterns and their effect on re-hospitalisations: a nested case-control study using data from a Swiss public acute hospital.** *Swiss Med Wkly* 2024, 154:3391. IF 2.1

Wirth F, Cadogan CA, Fialova D, Hazen A, Lutters M, Paudyal V, Weidmann AE, Okuyan B, Henman MC: **Writing a manuscript for publication in a peer-reviewed scientific journal: Guidance from the European Society of Clinical Pharmacy.** *Int J Clin Pharm* 2024, 46(2):548–554. IF 2.6

Dahmke H, Cabrera-Diaz F, Heizmann M, Stoop S, Schuetz P, Fiumefreddo R, Zaugg C: **Development and validation of a clinical decision support system to prevent anticoagulant duplications.** *Int J Med Inform* 2024, 187:105446. IF 3.7

Dahmke H, Schelshorn J, Fiumefreddo R, Schuetz P, Salili AR, Cabrera-Diaz F, Meyer-Massetti C, Zaugg C: **Evaluation of Triple Whammy Prescriptions After the Implementation of a Drug Safety Algorithm.** *Drugs Real World Outcomes* 2024, 11(1):125–135. IF 1.9

Flückiger L, Zaugg C, Fiumefreddo R: **Impact of pharmacist-evaluated clinical decision support system alerts on potentially mis-sing or inappropriately prescribed proton pump inhibitors at hospital discharge: a retrospective cross-sectional study.** *Int J Clin Pharm* 2024, 46(5):1143–1151. IF 2.6

# KSA

**Kantonsspital Aarau AG**

Tellstrasse 25, 5001 Aarau

Telefon +41 62 838 41 41

[ksa2024.ch](http://ksa2024.ch)