

KSA

2023

Wissenschaftliche  
Publikationen

## BEREICH MEDIZIN

## Allgemeine Innere und Notfallmedizin und Endokrinologie, Diabetologie und Metabolismus

Baumgartner A, Olpe T, Griot S, Mentil N, Staub N, Burn F, Schindera S, Kaegi-Braun N, Tribolet P, Hoess C, Pavlicek V, Bilz S, Sigrist S, Brandle M, Henzen C, Thomann R, Rutishauser J, Aujesky D, Rodondi N, Donze J, Stanga Z, Mueller B, Schuetz P: **Association of CT-based diagnosis of sarcopenia with prognosis and treatment response in patients at risk of malnutrition – A secondary analysis of the Effect of early nutritional support on Frailty, Functional Outcomes, and Recovery of malnourished medical inpatients Trial (EFFORT) trial.** *Clin Nutr* 2023, 42(2):199–207. IF 6.3

Becker C, Gross S, Gamp M, Beck K, Amacher SA, Mueller J, Bohren C, Blatter R, Schaefer R, Schuetz P, Leuppi J, Bassetti S, Hunziker S: **Patients' Preference for Participation in Medical Decision-Making: Secondary Analysis of the BEDSIDE-OUTSIDE Trial.** *J Gen Intern Med* 2023, 38(5):1180–1189. IF 5.7

Blum CA, Roethlisberger EA, Cesana-Nigro N, Winzeler B, Rodondi N, Blum MR, Briel M, Mueller B, Christ-Crain M, Schuetz P: **Adjunct prednisone in community-acquired pneumonia: 180-day outcome of a multicentre, double-blind, randomized, placebo-controlled trial.** *BMC Pulm Med* 2023, 23(1):500. IF 3.1

Boesiger F, Poggioli A, Netzhammer C, Bretscher C, Kaegi-Braun N, Tribolet P, Wunderle C, Kutz A, Lobo DN, Stanga Z, Mueller B, Schuetz P: **Changes in serum albumin concentrations over 7 days in medical inpatients with and without nutritional support. A secondary post-hoc analysis of a randomized clinical trial.** *Eur J Clin Nutr* 2023, 77(10):989–997. IF 4.7

Boesing M, Gregoriano C, Minder AE, Abshagen C, Dahl S, Dieterle T, Eicher F, Leuppi-Taegtmeyer AB, Rageth L, Miedinger D, Wirz E, Leuppi JD: **Predictors for Unplanned Readmissions within 18 Days after Hospital Discharge: a Retrospective Cohort Study.** *Praxis (Bern 1994)* 2023, 112(2):57–63. IF 0.1

Borisov AN, Kutz A, Christ ER, Heim MH, Ebrahimi F: **Canagliflozin and Metabolic Associated Fatty Liver Disease in Patients With Diabetes Mellitus: New Insights From CANVAS.** *J Clin Endocrinol Metab* 2023, 108(11):2940–2949. IF 5.8

Bretscher C, Buergin M, Gurzeler G, Kagi-Braun N, Gressies C, Tribolet P, Lobo DN, Evans DC, Stanga Z, Mueller B, Schuetz P, team Es: **Association between prealbumin, all-cause mortality, and response to nutrition treatment in patients at nutrition risk: Secondary analysis of a randomized controlled trial.** *JPEN J Parenter Enteral Nutr* 2023, 47(3):408–419. IF 3.4

Buchkremer F, Schuetz P, Mueller B, Segerer S: **Classifying Hypotonic Hyponatremia by Projected Treatment Effects - A Quantitative 3-Dimensional Framework.** *Kidney Int Rep* 2023, 8(12):2720–2732. IF 6.0

Dahmke H, Fiumefreddo R, Schuetz P, De Iaco R, Zaugg C: **Tackling alert fatigue with a semi-automated clinical decision support system: quantitative evaluation and end-user survey.** *Swiss Med Wkly* 2023, 153:40082. IF 2.9

Durmisi M, Kaegi-Braun N, Muller NA, Wunderle C, Tribolet P, Stanga Z, Mueller B, Schuetz P: **Association of admission cortisol levels with outcomes and treatment response in patients at nutritional risk : A secondary analysis of a randomized clinical trial.** *Nutr J* 2023, 22(1):59. IF 5.4

Essmann L, Wirz Y, Gregoriano C, Schuetz P: **One biomarker does not fit all: tailoring anti-infective therapy through utilization of procalcitonin and other specific biomarkers.** *Expert Rev Mol Diagn* 2023, 23(9):739–752. IF 5.1

Faessler L, Kofler S, Wenke-Zobler J, Brunner C, Schafer-Keller P, De Geest S, Schubert M, Regez K, Schuetz P, Mueller B, Conca A: **The use of nurse-led care intervention to improve self-care abilities subsequently decreasing readmission in multimorbid hospitalized patients: A quasi-experimental study in a real-world setting.** *Nurs Open* 2023, 10(6):3787–3798. IF 2.3

Falcone M, Bauer M, Ferrer R, Gavazzi G, Gonzalez Del Castillo J, Pilotto A, Schuetz P: **Biomarkers for risk stratification and antibiotic stewardship in elderly patients.** *Aging Clin Exp Res* 2023, 35(5):925–935. IF 4.0

Garweg JG, Blum CA, Copt RP, Eandi CM, Hatz K, Prunte CF, Seelig E, Somfai GM: **Brolucizumab in Neovascular Age-Related Macular Degeneration and Diabetic Macular Edema: Ophthalmology and Diabetology Treatment Aspects.** *Ophthalmol Ther* 2023, 12(2):639–655. IF 3.3

Gregoriano C, Rafaisz K, Schuetz P, Mueller B, Fux CA, Conen A, Kutz A: **Burden of disease in patients hospitalised with COVID-19 during the first and second pandemic wave in Switzerland: a nationwide cohort study.** *Swiss Med Wkly* 2023, 153:40068. IF 2.9

Gressies C, Kaegi-Braun N, Gomes F, Schuetz P: **Letter to the Editor: Is nutritional support effective in malnourished polymorbid medical inpatients?** *Clin Nutr* 2023, 42(1):45–52. IF 6.3

Gressies C, Schuetz P: **Nutritional issues concerning general medical ward patients: feeding patients recovering from critical illness.** *Curr Opin Clin Nutr Metab Care* 2023, 26(2):138–145. IF 3.1

Gressies C, Tribolet P, Schuetz P: **Nutrition issues in the general medical ward patient: From general screening to specific diagnosis and individualized treatment.** *JPEN J Parenter Enteral Nutr* 2023, 47 Suppl 1:S16–S23. IF 3.4

**BEREICH MEDIZIN**

- Gross S, Becker C, Beck K, Memma V, Gaab J, Schutz P, Leuppi JD, Schaefer R, Langewitz W, Trendelenburg M, Breidthardt T, Eckstein J, Osthoff M, Bassetti S, Hunziker S: **Occurrence of sensitive topics during ward round: an ancillary analysis of the BEDSI-DE-OUTSIDE trial.** *BMJ Open* 2023, 13(9):e073584. IF 2.9
- Jaun F, Boesing M, Luethi-Corridori G, Abig K, Bloch N, Giezendanner S, Grillmayr V, Haas P, Leuppi-Taegtmeyer AB, Muser J, Raess A, Schuetz P, Brandle M, Leuppi JD: **Effect of Single High Dose Vitamin D Substitution in Hospitalized COVID-19 Patients with Vitamin D Deficiency on Length of Hospital Stay.** *Biomedicines* 2023, 11(5). IF 4.7
- Kaegi-Braun N, Gressies C, Tribolet P, Stumpf F, Keller B, Schuetz P: **[Malnutrition in internal medicine : Screening, assessment and importance].** *Inn Med (Heidelb)* 2023, 64(6):515-524. IF 0.6
- Katz J, Mercer DF, Schuetz P, Mundi MS, Pimiento J, Morrison C, Mechanick JJ, Patel JJ: **Case presentation and panel discussion: Transitions in care.** *JPEN J Parenter Enteral Nutr* 2023, 47 Suppl 1:S35-S37. IF 3.4
- Komminoth M, Donath MY, Hepprich M, Schuetz P, Blum CA, Mueller B, Reny JL, Gosselin P, Breville G, Brandle M, Henzen C, Leuppi JD, Kistler AD, Thurnheer R, Beuschlein F, Rudofsky G, Aeberli D, Villiger PM, Bohm S, Chifu I, Fasnacht M, Meyer G, Bojunga J, Cattaneo M, Sluka C, Schneider H, Rutishauser J, study g: **Glucocorticoid withdrawal and glucocorticoid-induced adrenal insufficiency: Study protocol of the randomized controlled <<TOASST>> (Taper Or Abrupt Steroid STOp) multicenter trial.** *PLoS One* 2023, 18(4):e0281585. IF 3.7
- Kurmann S, Reber E, Schonenberger KA, Schuetz P, Uhlmann K, Vasiloglou MF, Schoenenberger AW, Bertschi D, Sterchi AB, Stanga Z: **MEDPass versus conventional administration of oral nutritional supplements – A randomized controlled trial comparing coverage of energy and protein requirements.** *Clin Nutr* 2023, 42(2):108-115. IF 6.3
- Legeret C, Kutz A, Jessica B, Mundwiler E, Kohler H, Bernasconi L: **Prevalence of markers of beta cell autoimmunity and thyroid disease in children with coeliac disease.** *BMC Pediatr* 2023, 23(1):468. IF 2.4
- Luthi-Corridori G, Boesing M, Ottensarendt N, Leuppi-Taegtmeyer AB, Schuetz P, Leuppi JD: **Predictors of Length of Stay, Mortality and Rehospitalization in COPD Patients: A Retrospective Cohort Study.** *J Clin Med* 2023, 12(16). IF 3.9
- Luthi-Corridori G, Boesing M, Roth A, Giezendanner S, Leuppi-Taegtmeyer AB, Schuetz P, Leuppi JD: **Predictors of Length of Stay, Rehospitalization and Mortality in Community-Acquired Pneumonia Patients: A Retrospective Cohort Study.** *J Clin Med* 2023, 12(17). IF 3.9
- Luthi-Corridori G, Giezendanner S, Kueng C, Boesing M, Leuppi-Taegtmeyer AB, Mbata MK, Schuetz P, Leuppi JD: **Risk factors for hospital outcomes in pulmonary embolism: A retrospective cohort study.** *Front Med (Lausanne)* 2023, 10:1120977. IF 3.9
- Mohammed S, Matos J, Doutreligne M, Celi LA, Struja T: **Racial Disparities in Invasive ICU Treatments Among Septic Patients: High Resolution Electronic Health Records Analysis from MIMIC-IV.** *Yale J Biol Med* 2023, 96(3):293-312. IF 2.7
- Mueller L, Mentil N, Staub N, Griot S, Olpe T, Burn F, Schindera S, Mueller B, Schuetz P, Stanga Z, Baumgartner A: **Association of Thoracic Skeletal Muscle Index with Clinical Outcome and Response to Nutritional Interventions in Patients at Risk of Malnutrition-Secondary Analysis of a Randomized Trial.** *Nutrients* 2023, 15(4). IF 5.9
- Muller NA, Kaegi-Braun N, Durmisi M, Gressies C, Tribolet P, Stanga Z, Mueller B, Schuetz P: **Low T3 Syndrome on Admission and Response to Nutritional Support in Malnourished Medical Inpatients.** *J Clin Endocrinol Metab* 2023, 108(6):e240-e248. IF 5.8
- 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* 2023. IF 8.9
- Rigling M, Schuetz P, Kaegi-Braun N: **Is food insecurity contributing to malnutrition in older adults in Switzerland? - A cross-sectional study.** *Front Nutr* 2023, 10:1228826. IF 5.0
- Schonenberger KA, Reber E, Schlappi K, Baumgartner A, Stanga Z, Kollar A: **Determinants of Treatment Toxicity in Patients with Soft Tissue Sarcomas.** *Nutr Cancer* 2023, 75(8):1638-1645. IF 2.9
- Schuetz P: **Changing the malnutrition paradigm through large clinical trials.** *Clin Nutr* 2023, 42(7):1237-1238. IF 6.3
- Schuetz P: **How to best use procalcitonin to diagnose infections and manage antibiotic treatment.** *Clin Chem Lab Med* 2023, 61(5):822-828. IF 6.8
- Schuetz P: **Response to JPEN Journal Club 80. Prespecified outcomes.** *JPEN J Parenter Enteral Nutr* 2023. IF 3.4
- Siegwart J, Spennato U, Lerjen N, Mueller B, Schuetz P, Koch D, Struja T: **Prediction of In-Hospital Falls Using NRS, PACD Score and FallIRS: A Retrospective Cohort Study.** *Geriatrics (Basel)* 2023, 8(3). IF 2.3
- Spennato U, Lerjen N, Siegwart J, Mueller B, Schuetz P, Koch D, Struja T: **Prevalence, Risk Factors and Outcomes Associated with Physical Restraint in Acute Medical Inpatients over 4 Years-A Retrospective Cohort Study.** *Geriatrics (Basel)* 2023, 8(1). IF 2.3

**BEREICH MEDIZIN**

- Spennato U, Siegwart J, Hartmann B, Fischer EJ, Bracco C, Capraro J, Mueller B, Schuetz P, Jehle AW, Struja T: **Barakat syndrome diagnosed decades after initial presentation.** *Endocrinol Diabetes Metab Case Rep* 2023, 2023(4). IF 0.9
- Spennato U, Siegwart J, Hartmann B, Fischer EJ, Bracco C, Capraro J, Mueller B, Schuetz P, Jehle AW, Struja T: **Barakat syndrome diagnosed decades after initial presentation.** *Endocrinol Diabetes Metab Case Rep* 2023, 2023(4). IF 0.9
- Struja T, Suter F, Rohrmann S, Koch D, Mueller B, Schuetz P, Kutz A: **Comparison of Cardiovascular Procedure Rates in Patients With Supplementary vs Basic Insurance in Switzerland.** *JAMA Netw Open* 2023, 6(1):e2251965. IF 13.8
- Stumpf F, Keller B, Gressies C, Schuetz P: **Inflammation and Nutrition: Friend or Foe?** *Nutrients* 2023, 15(5). IF 5.9
- Wildisen A, Peterli R, Werder G, Mueller B, Schuetz P, Kaegi-Braun N, Kutz A: **Rate of Cardiovascular Events and Safety Outcomes Seven Years Following Gastric Bypass Versus Sleeve Gastrectomy.** *Ann Surg Open* 2023, 4(2):e286. IF 1.7
- Wimmer R, Audetat A, Binggeli J, Schuetz P, Kaegi-Braun N: **Association of Sociodemographic, Socioeconomic and Lifestyle Characteristics with Low Protein and Energy Intake in the Healthy Swiss Population.** *Nutrients* 2023, 15(9). IF 5.9
- Wunderle C, Gomes F, Schuetz P, Stumpf F, Austin P, Ballesteros-Pomar MD, Cederholm T, Fletcher J, Laviano A, Norman K, Poulia KA, Schneider SM, Stanga Z, Bischoff SC: **ESPEN guideline on nutritional support for polymorbid medical inpatients.** *Clin Nutr* 2023, 42(9):1545-1568. IF 6.3
- Zucal I, Tremp M, Duscher D, Wenny R, Zaussinger M, Kutz A, Pagani A, Huemer GM: **Augmentation-Mastopexy: Analysis of 95 Consecutive Patients and Critical Appraisal of the Procedure.** *J Clin Med* 2023, 12(9). IF 3.9

**Angiologie**

- Isaak A, Jorg L, Attigah N, Thalhammer C, Staub D, Aschwanden M, Richarz S: **Practical guide of vascular ultrasound in arterio-venous fistulae.** *Vasa* 2023, 52(1):22-28. IF 1.8

**Dermatologie**

- Barbaud A, Garvey LH, Torres M, Laguna JJ, Arcolaci A, Bonadonna P, Scherer Hofmeier K, Chiriac AM, Cernadas J, Caubet JC, Brockow K: **EAACI/ENDA position paper on drug provocation testing.** *Allergy* 2023. IF 12.4
- Cichocka-Jarosz E, Dolle-Bierke S, Jedynak-Wasowicz U, Sabouraud-Leclerc D, Kohli A, Lange L, Papadopoulos NG, Hourihane J, Nemat K, Scherer Hofmeier K, Hompes S, Ott H, Lopes de Oliveira L, Spindler T, Vogelberg C, Worm M: **Cow's milk and hen's egg anaphylaxis: A comprehensive data analysis from the European Anaphylaxis Registry.** *Clin Transl Allergy* 2023, 13(3):e12228. IF 4.4
- Hanschmann T, Francuzik W, Dolle-Bierke S, Hofmeier KS, Grabenhenrich L, Rueff F, Renaudin JM, Pfohler C, Treudler R, Bilo MB, Lang R, Ensina LF, Christoff G, Cardona V, Wagner N, Reider N, Muller S, Dickel H, Worm M: **Different phenotypes of drug-induced anaphylaxis-Data from the European Anaphylaxis Registry.** *Allergy* 2023, 78(6):1615-1627. IF 12.4
- Hofmeier KS, Bircher AJ: **[Isolated Tongue Swelling after Penicillin and Negative Allergy Workup – All Done and Dusted?].** *Laryngorhinootologie* 2023, 102(7):533-536. IF 1.0
- Maul LV, Jahn AS, Pamplona GSP, Streit M, Gantenbein L, Muller S, Nielsen ML, Greis C, Navarini AA, Maul JT: **Acceptance of Telemedicine Compared to In-Person Consultation From the Providers' and Users' Perspectives: Multicenter, Cross-Sectional Study in Dermatology.** *JMIR Dermatol* 2023, 6:e45384.
- Pereira MP, Weisshaar E, Halvorsen JA, Wallengren J, Legat FJ, Garcovich S, Savk E, Reich A, Bozek A, Lvov A, Bobko S, Metz M, Streit M, Misery L, Brenaut E, Serra-Baldrich E, Goncalo M, Szepietowski JC, Augustin M, Nau T, Zeidler C, Stander S: **Chronic prurigo: Insufficient disease control in spite of high healthcare usage.** *J Eur Acad Dermatol Venereol* 2023, 37(6):e808-e812. IF 9.2
- 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* 2023. IF 4.0

**Gastroenterologie**

- Doulberis M, Kountouras J, Stadler T, Meerwein C, Polyzos SA, Kulaksiz H, Chapman MH, Rogler G, Riva D, Linas I, Kavaliotis J, Kazakos E, Mouratidou M, Liatsos C, Papaefthymiou A: **Association between Helicobacter pylori Infection and Nasal Polyps: A Systematic Review and Meta-Analysis.** *Microorganisms* 2023, 11(6). IF 4.5
- Doulberis M, Papaefthymiou A, Kountouras J: **Special Issue "Extragastric Disorders of Helicobacter pylori Infection: From Diagnosis to Treatment": Editorial.** *Microorganisms* 2023, 11(3). IF 4.5

**BEREICH MEDIZIN**

Doulberis M, Papaefthymiou A, Polyzos SA, Vardaka E, Tzitiridou-Chatzopoulou M, Chatzopoulos D, Koffas A, Papadopoulos V, Kyraili F, Kountouras J: **Local and systemic autoimmune manifestations linked to hepatitis A infection.** *Acta Gastroenterol Belg* 2023, 86(3):429-436. IF 1.5

Doulberis M, Ruedi C, Schmidt J, Kulaksiz H: **Where Gastroenterology and Urology Meet; an Unexpected Cause of Macrohematuria Diagnosed by Gastrointestinal Endoscopy.** *Gastroenterol Nurs* 2023, 46(6):497-500. IF 0.8

Jonaitis P, Nyssen OP, Saracino IM, Fiorini G, Vaira D, Perez-Aisa A, Tepes B, Castro-Fernandez M, Pabon-Carrasco M, Keco-Huerga A, Voynovan I, Lucendo AJ, Lanas A, Martinez-Dominguez SJ, Almajano EA, Rodrigo L, Vologzanina L, Brglez Jurecic N, Denkovski M, Bujanda L, Mahmudov U, Leja M, Lerang F, Babayeva G, Bordin DS, Gasbarrini A, Kucinskas J, Gridnyev O, Rokkas T, Marcos-Pinto R, Phull PS, Smith SM, Tonkic A, Boltin D, Buzas GM, Sembera S, Simsek H, Matysiak-Budnik T, Milivojevic V, Marlitz W, Venerito M, Boyanova L, Doulberis M, Capelle LG, Cano-Catala A, Moreira L, Megraud F, O'Morain C, Gisbert JP, Jonaitis L, Hp-EuReg I: **Comparison of the management of Helicobacter pylori infection between the older and younger European populations.** *Sci Rep* 2023, 13(1):17235. IF 4.6

Kountouras J, Doulberis M, Papaefthymiou A, Polyzos SA, Zavos C, Kazakos E, Arapoglou S, Kyraili F, Mouratidou MC, Boziki M, Vardaka E: **Controlling the Impact of Helicobacter pylori-Related Hyperhomocysteinemia on Neurodegeneration.** *Medicina (Kaunas)* 2023, 59(3). IF 2.6

Kountouras J, Kazakos E, Polyzos SA, Papaefthymiou A, Zavos C, Tzitiridou-Chatzopoulou M, Chatzopoulos D, Vardaka E, Gatopoulou A, Kyraili F, Mouratidou MC, Doulberis M: **Potential impact of trained innate immunity on the pathophysiology of metabolic dysfunction-associated fatty liver disease.** *Clin Immunol* 2023, 256:109776. IF 8.6

Kountouras J, Papaefthymiou A, Polyzos SA, Kyraili F, Doulberis M: **Potential Impact of Helicobacter pylori-Related Metabolic Syndrome on Arterial Hypertension Outcomes.** *Am J Hypertens* 2023, 36(4):192-194. IF 3.2

Kountouras J, Papaefthymiou A, Polyzos SA, Liatsos C, Tzitiridou-Chatzopoulou M, Chatzopoulos D, Vardaka E, Gialamprinou D, Kotronis G, Thavayogarajah T, Doulberis M: **Adverse Outcomes of E-cigarette in Inflammatory Bowel Disease.** *Dig Dis Sci* 2023, 68(2):701-702. IF 3.1

Kountouras J, Tzitiridou-Chatzopoulou M, Papaefthymiou A, Chatzopoulos D, Doulberis M: **COVID-19 mRNA Vaccine Effectiveness against Elderly Frail People.** *Medicina (Kaunas)* 2023, 59(2). IF 2.6

Looser R, Doulberis M, Rossel JB, Franc Y, Muller D, Biedermann L, Rogler G, with support of the Ssg: **Concomitant 5-aminosalicylic acid treatment does not affect 6-thioguanine nucleotide levels in patients with inflammatory bowel disease on thiopurines.** *Ann Gastroenterol* 2023, 36(6):637-645. IF 2.2

Ntona S, Papaefthymiou A, Kountouras J, Gialamprinou D, Kotronis G, Boziki M, Polyzos SA, Tzitiridou M, Chatzopoulos D, Thavayogarajah T, Gkolia I, Ntonas G, Vardaka E, Doulberis M: **Impact of nonalcoholic fatty liver disease-related metabolic state on depression.** *Neurochem Int* 2023, 163:105484. IF 4.2

Nyssen OP, Pratesi P, Spinola MA, Jonaitis L, Perez-Aisa A, Vaira D, Saracino IM, Pavoni M, Fiorini G, Tepes B, Bordin DS, Voynovan I, Lanas A, Martinez-Dominguez SJ, Alfaro E, Bujanda L, Pabon-Carrasco M, Hernandez L, Gasbarrini A, Kucinskas J, Lerang F, Smith SM, Gridnyev O, Leja M, Rokkas T, Marcos-Pinto R, Mestrovic A, Marlitz W, Milivojevic V, Simsek H, Kunovsky L, Papp V, Phull PS, Venerito M, Boyanova L, Boltin D, Niv Y, Matysiak-Budnik T, Doulberis M, Dobru D, Lamy V, Capelle LG, Nikolovska Trpchevska E, Moreira L, Cano-Catala A, Parra P, Megraud F, O'Morain C, Ortega GJ, Gisbert JP, On Behalf Of The Hp-EuReg I: **Analysis of Clinical Phenotypes through Machine Learning of First-Line H. pylori Treatment in Europe during the Period 2013-2022: Data from the European Registry on H. pylori Management (Hp-EuReg).** *Antibiotics (Basel)* 2023, 12(9). IF 4.8

Papaefthymiou A, Doulberis M, Karafyllidou K, Chatzimichael E, Deretzi G, Exadaktylos AK, Sampsonas F, Gelasakis A, Papamichos SI, Kotronis G, Gialamprinou D, Vardaka E, Polyzos SA, Kountouras J: **Effect of spironolactone on pharmacological treatment of nonalcoholic fatty liver disease.** *Minerva Endocrinol (Torino)* 2023, 48(3):346-359. IF 4.1

Polyzos SA, Papaefthymiou A, Doulberis M, Kountouras J: **Nonalcoholic fatty liver disease test: an external validation cohort.** *Hormones (Athens)* 2023. IF 3.2

Sulz MC, Doulberis M, Fournier N, Biedermann L, Zeitz J, Misselwitz B, Imthurn B, Rogler G, Group S: **Childlessness in Patients with Inflammatory Bowel Disease – Data from the Prospective Multi-center Swiss IBD Cohort Study.** *J Gastrointestin Liver Dis* 2023, 32(4):460-468. IF 2.1

**BEREICH MEDIZIN****Infektiologie**

Babouee Flury B, Bosch A, Gisler V, Egli A, Seiffert SN, Nolte O, Findlay J: **Multifactorial resistance mechanisms associated with resistance to ceftazidime-avibactam in clinical *Pseudomonas aeruginosa* isolates from Switzerland.** *Front Cell Infect Microbiol* 2023, 13:1098944. IF 5.7

Bernasconi L, Neyer P, Oberle M, Schmid B, Martin E, Fankhauser H, Haubitz S, Hammerer-Lercher A: **Efficiency evaluation of a SARS-CoV-2 diagnostic strategy combining high throughput quantitative antigen immunoassay and real time PCR.** *Clin Chem Lab Med* 2023, 61(9):1661-1669. IF 6.8

Gregoriano C, Rafaisz K, Schuetz P, Mueller B, Fux CA, Conen A, Kutz A: **Burden of disease in patients hospitalised with COVID-19 during the first and second pandemic wave in Switzerland: a nationwide cohort study.** *Swiss Med Wkly* 2023, 153:40068. IF 2.9

Labarile M, Loosli T, Zeeb M, Kusejko K, Huber M, Hirsch HH, Perreau M, Ramette A, Yerly S, Cavassini M, Battegay M, Rauch A, Calmy A, Notter J, Bernasconi E, Fux C, Gunthard HF, Pasin C, Kouyos RD, Swiss HIVCS: **Quantifying and Predicting Ongoing Human Immunodeficiency Virus Type 1 Transmission Dynamics in Switzerland Using a Distance-Based Clustering Approach.** *J Infect Dis* 2023, 227(4):554-564. IF 6.4

Schaub C, Barnsteiner S, Schonenberg L, Bloch N, Drager S, Albrich WC, Conen A, Osthoff M: **Antibiotic treatment durations for common infectious diseases in Switzerland: comparison between real-life and local and international guideline recommendations.** *J Glob Antimicrob Resist* 2023, 32:11-17. IF 4.6

Spindler P, Braun F, Truckenmuller P, Wasilewski D, Faust K, Schneider GH, Trampuz A, Conen A, Kuhn AA, Vajkoczy P, Prinz V: **Surgical Site Infections Associated With Implanted Pulse Generators for Deep Brain Stimulation: Meta-Analysis and Systematic Review.** *Neuromodulation* 2023, 26(2):280-291. IF 2.8

Stavropoulou E, Atkinson A, Eisenring MC, Fux CA, Marschall J, Senn L, Troillet N: **Association of antimicrobial perioperative prophylaxis with cefuroxime plus metronidazole or amoxicillin/clavulanic acid and surgical site infections in colorectal surgery.** *Antimicrob Resist Infect Control* 2023, 12(1):105. IF 5.5

Surial B, Chammartin F, Damas J, Calmy A, Haerry D, Stockle M, Schmid P, Bernasconi E, Fux CA, Tarr PE, Gunthard HF, Wandeler G, Rauch A, Swiss HIVCS: **Impact of Integrase Inhibitors on Cardiovascular Disease Events in People With Human Immunodeficiency Virus Starting Antiretroviral Therapy.** *Clin Infect Dis* 2023, 77(5):729-737. IF 11.8

Waldeck F, Boroli F, Zingg S, Walti LN, Wendel-Garcia PD, Conen A, Pagani JL, Boggian K, Schnorf M, Siegemund M, Abed-Maillard S, Michot M, Que YA, Battig V, Suh N, Kleger GR, Albrich WC: **Higher risk for influenza-associated pulmonary aspergillosis (IAPA) in asthmatic patients: A Swiss multicenter cohort study on IAPA in critically ill influenza patients.** *Influenza Other Respir Viruses* 2023, 17(1):e13059. IF 4.4

Razavi H, Blach S, Bregenzer A, Bruggmann P, Cerny A, Maeschli B, Mullhaupt B, Negro F, Scheidegger C, Semela D: **Assessing the hepatitis C epidemiology in Switzerland: It is not that trivial.** *J Viral Hepat* 2023. IF 2.5

**Kardiologie (Herzzentrum Aargau)**

Adjibodou OB, Brinkert M, Haegeli L: **Transcatheter Valve Implantation in Patients with Multivalvular Heart Disease.** *Praxis (Bern 1994)* 2023, 112(2):53-54. IF 0.1

Ali AM, Yakupoglu HY, Fuchs TA, Larsen TH, Aukrust P, Gunnarsson R, Saeed S: **Cardiac Involvement in Systemic and Local Vasculitides: The Value of Noninvasive Multimodality Imaging.** *Curr Probl Cardiol* 2023, 48(8):101718. IF 4.2

Berg J, Preda A, Fierro N, Marzi A, Radinovic A, Della Bella P, Mazzone P: **A Referral Center Experience with Cerebral Protection Devices: Challenging Cardiac Thrombus in the EP Lab.** *J Clin Med* 2023, 12(4). IF 3.9

Brunner S, Brinkert M, Moccetti F, Loretz L, Fornaro J, Stampfli SF, Attinger-Toller A, Bossard M, Buhmann R, Cuculi F, Wolfrum M, Toggweiler S: **Hypoattenuated Leaflet Thickening After Implantation of the ACURATE neo or the ACURATE neo2 Transcatheter Heart Valve.** *Am J Cardiol* 2023, 200:146-152. IF 2.8

Bruno F, Adjibodou B, Obeid S, Kraler SC, Wenzl FA, Akhtar MM, Denegri A, Roffi M, Muller O, von Eckardstein A, Raber L, Templin C, Luscher TF: **Occlusion of the infarct-related coronary artery presenting as acute coronary syndrome with and without ST-elevation: impact of inflammation and outcomes in a real-world prospective cohort.** *Eur Heart J Qual Care Clin Outcomes* 2023, 9(6):564-574. IF 5.2

Davies A, Wenzl FA, Li XS, Winzap P, Obeid S, Klingenberg R, Mach F, Raber L, Muller O, Matter CM, Laaksonen R, Wang Z, Hazen SL, Luscher TF: **Short and medium chain acylcarnitines as markers of outcome in diabetic and non-diabetic subjects with acute coronary syndromes.** *Int J Cardiol* 2023, 389:131261. IF 3.5

**BEREICH MEDIZIN**

Denegri A, Magnani G, Kraler S, Bruno F, Klingenberg R, Mach F, Gencer B, Raber L, Rodondi N, Rossi VA, Matter CM, Nanchen D, Obeid S, Luscher TF: **History of peripheral artery disease and cardiovascular risk of real-world patients with acute coronary syndrome: Role of inflammation and comorbidities.** *Int J Cardiol* 2023; 382:76-82. IF 3.5

Iglesias JF, Roffi M, Losdat S, Muller O, Degrauwe S, Kurz DJ, Haegeli L, Weilenmann D, Kaiser C, Tapponnier M, Cook S, Cuculi F, Heg D, Windecker S, Pilgrim T: **Long-term outcomes with biodegradable polymer sirolimus-eluting stents versus durable polymer everolimus-eluting stents in ST-segment elevation myocardial infarction: 5-year follow-up of the BIOSTEMI randomised superiority trial.** *Lancet* 2023; 402(10416):1979-1990. IF 168.9

Kovacs B, Yakupoglu HY, Eriksson U, Krasniqi N, Duru F: **Medical therapy with flecainide and propafenone in atrial fibrillation: Long-term clinical experience in the tertiary care setting.** *Cardiol J* 2023; 30(1):82-90. IF 3.0

Mangner N, Brinkert M, Keller LS, Moriyama N, Hagemeyer D, Haussig S, Crusius L, Kobza R, Abdel-Wahab M, Laine M, Stortecky S, Pilgrim T, Nietlispach F, Ruschitzka F, Thiele H, Toggweiler S, Linke A: **Continued non-vitamin K antagonist oral anticoagulants versus vitamin K antagonists during transcatheter aortic valve implantation.** *EuroIntervention* 2023; 18(13):e1066-e1076. IF 6.2

Schmiady MO, Cesnjevar R, Yakupoglu Y, Adjibodou OB, Spirig A, Bettex D, Meier L, Carrel T: **Anomalous Origin of Left Circumflex Coronary Artery From Right Pulmonary Artery: An Unusual Cause of Sudden Cardiac Arrest.** *World J Pediatr Congenit Heart Surg* 2023; 14(3):399-402. IF 0.9

Winzap PA, Kraler S, Obeid S, Wenzl FA, Templin C, Klingenberg R, von Eckardstein A, Roffi M, Muller O, Raber L, Luscher TF, investigators S-A: **Initial systolic blood pressure associates with systemic inflammation, myocardial injury, and outcomes in patients with acute coronary syndromes.** *Eur Heart J Acute Cardiovasc Care* 2023; 12(7):437-450. IF 4.1

**Klinik für Neurologie**

Abdelhak A, Benkert P, Schaedelin S, Boscardin WJ, Cordano C, Oechtering J, Ananth K, Granziera C, Melie-Garcia L, Montes SC, Beaudry-Richard A, Achtnichts L, Oertel FC, Lalive PH, Leppert D, Muller S, Henry RG, Pot C, Matthias A, Salmen A, Oksenbergs JR, Disanto G, Zecca C, D'Souza M, Du Pasquier R, Bridel C, Gobbi C, Kappos L, Hauser SL, Cree BAC, Kuhle J, Green AJ, UCSF ME, the SST: **Neurofilament Light Chain Elevation and Disability Progression in Multiple Sclerosis.** *JAMA Neurol* 2023; 80(12):1317-1325. IF 29.0

Achtnichts L, Zecca C, Findling O, Kamm CP, Mueller S, Kuhle J, Lutterotti A, Gobbi C, Viviani C, Villiger-Borter E, Nedeltchev K: **Correlation of disability with quality of life in patients with multiple sclerosis treated with natalizumab: primary results and post hoc analysis of the TYSabri ImPROvement study (PROTYS).** *BMJ Neurol Open* 2023; 5(1):e000304. IF 2.7

Agosti R, Parzini C, Findling O, Myers P, Petersen JA, Ryvlin P, Sandor P, Stallmach M, Zecca C, Snellman J, Ritter S, Arzt ME, Rohrer S, Gantenbein AR: **Prevalence and Burden of Migraine in Switzerland: Cross-Sectional Study in ten Specialised Headache Centres from the BECOME Study.** *Pain Ther* 2023; 12(2):575-591. IF 4.0

Fischer U, Koga M, Strbian D, Branca M, Abend S, Trelle S, Paciaroni M, Thomalla G, Michel P, Nedeltchev K, Bonati LH, Ntaios G, Gattringer T, Sandset EC, Kelly P, Lemmens R, Sylaja PN, Aguiar de Sousa D, Bornstein NM, Gdovinova Z, Yoshimoto T, Tiaainen M, Thomas H, Krishnan M, Shim GC, Gumbinger C, Vehoff J, Zhang L, Matsuzono K, Kristoffersen E, Desfontaines P, Vanacker P, Alonso A, Yakushiji Y, Kulyk C, Hemelsoet D, Poli S, Paiva Nunes A, Caracciolo N, Slade P, Demeestere J, Salerno A, Kneihsl M, Kahles T, Giudici D, Tanaka K, Raty S, Hidalgo R, Werring DJ, Goldlin M, Arnold M, Ferrari C, Beyeler S, Fung C, Weder BJ, Tatlisumak T, Fenzl S, Rezny-Kasprzak B, Hakim A, Salanti G, Bassetti C, Gralla J, Seiffge DJ, Horvath T, Dawson J, Investigators E: **Early versus Later Anticoagulation for Stroke with Atrial Fibrillation.** *N Engl J Med* 2023; 388(26):2411-2421. IF 158.5

Honegger T, Schweizer J, Bicovic A, Westphal LP, Schutz V, Inauen C, Pokorny T, Bracher K, Arnold M, Fischer U, Bonati LH, De Marchis GM, Nedeltchev K, Kahles T, Cereda C, Kagi G, Montaner J, Bustamante A, Pala E, Ntaios G, Foerch C, Luft A, Spanaus K, Saleh L, von Eckardstein A, Arnold M, Katan M: **Serum S-100B adds incremental value for the prediction of symptomatic intracranial hemorrhage and brain edema after acute ischemic stroke.** *Eur Stroke J* 2023; 8(1):309-319. IF 6.1

Maulucci F, Disanto G, Bianco G, Pileggi M, Fischer U, Padlina G, Strambo D, Michel P, Kahles T, Nedeltchev K, Fisch U, Bonati L, Kagi G, Escribano Paredes JB, Carrera E, Nyffeler T, Bolognese M, Wegener S, Luft A, Schelosky L, Medlin F, von Reding A, Peters N, Renaud S, Mono ML, Remonda L, Machi P, Psychogios MN, Kaesmacher J, Mordasini P, Cereda CW: **Endovascular therapy outcome in isolated posterior cerebral artery occlusion strokes: A multicenter analysis of the Swiss Stroke Registry.** *Eur Stroke J* 2023; 8(2):575-580. IF 6.1

Meier S, Willemse EAJ, Schaedelin S, Oechtering J, Lorscheider J, Melie-Garcia L, Cagol A, Barakovic M, Galbusera R, Subramaniam S, Barro C, Abdelhak A, Thebault S, Achtnichts L, Lalive P, Muller S, Pot C, Salmen A, Disanto G, Zecca C, D'Souza M, Orleth A, Khalil M, Buchmann A, Du Pasquier R, Yaldizli O, Derfuss T, Berger K, Hermesdorf M, Wiendl H, Piehl F, Battaglini M, Fischer U, Kappos L, Gobbi C, Granziera C, Bridel C, Leppert D, Maleska Maceski A, Benkert P, Kuhle J: **Serum Glial Fibrillary Acidic Protein Compared With Neurofilament Light Chain as a Biomarker for Disease Progression in Multiple Sclerosis.** *JAMA Neurol* 2023; 80(3):287-297. IF 29.0

**BEREICH MEDIZIN**

Noseda R, Rea F, Pagnamenta A, Agazzi P, Bianco G, Sihabdeen S, 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, Ceschi A, Cereda CW: **Sex Differences in Outcomes of Intravenous Thrombolysis in Acute Ischemic Stroke Patients with Preadmission Use of Anti-platelets.** *CNS Drugs* 2023, 37(4):351-361. IF 6.0

Polymeris AA, Karwacki GM, Siepen BM, Schaederlin S, Tsakiris DA, Stippich C, Guzman R, Nickel CH, Sprigg N, Kagi G, Vehoff J, Barinka F, Thilemann S, Maurer M, Wagner B, Traenka C, Gensicke H, De Marchis GM, Bonati LH, Fischer U, Z'Graggen WJ, Nedeltchev K, Wegener S, Baumgartner P, Engelsteter ST, Seiffge DJ, Peters N, Lyer PA, Investigators T-N: **Tranexamic Acid for Intracerebral Hemorrhage in Patients on Non-Vitamin K Antagonist Oral Anticoagulants (TICH-NOAC): A Multicenter, Randomized, Placebo-Controlled, Phase 2 Trial.** *Stroke* 2023, 54(9):2223-2234. IF 6.7

Rochas V, Gschwind M, Nedeltchev K, Seeck M: **Spike-microstates correlate with interictal epileptogenic discharges: a marker for hidden epileptic activity.** *Brain Commun* 2023, 5(3):fcad124. IF 4.8

Schegk E, Beiser I, Achtnichts L, Nedeltchev K, Bertschi M, Gschwind M: **Untreated anti-Ca/ARHGAP26 autoantibody-associated cerebellar ataxia progressing over 27 years.** *J Neurol* 2023, 270(6):3258-3260. IF 6.0

Silimon N, Drop B, Clenin L, Nedeltchev K, Kahles T, Tarnutzer AA, Katan M, Bonati L, Salmen S, Albert S, Salerno A, Carrera E, Berger C, Peters N, Medlin F, Cereda C, Bolognese M, Kagi G, Renaud S, Niederhauser J, Bonvin C, Scharer M, Mono ML, Luft A, Rodic-Tatic B, Fischer U, Jung S, Arnold M, Meinel T, Seiffge D: **Ischaemic stroke despite antiplatelet therapy: Causes and outcomes.** *Eur Stroke J* 2023, 8(3):692-702. IF 6.4

Todea AR, Melie-Garcia L, Barakovic M, Cagol A, Rahmazadeh R, Galbusera R, Lu PJ, Weigel M, Ruberte E, Radue EW, Schaederlin S, Benkert P, Oezguer Y, Sinnecker T, Muller S, Achtnichts L, Vehoff J, Disanto G, Findling O, Chan A, Salmen A, Pot C, Lalive P, Bridel C, Zecca C, Derfuss T, Remonda L, Wagner F, Vargas M, Du Pasquier R, Pravata E, Weber J, Gobbi C, Leppert D, Wuerfel J, Kober T, Marechal B, Corredor-Jerez R, Psychogios M, Lieb J, Kappos L, Cuadra MB, Kuhle J, Granziera C, Swiss MSCS: **A Multicenter Longitudinal MRI Study Assessing LeMan-PV Software Accuracy in the Detection of White Matter Lesions in Multiple Sclerosis Patients.** *J Magn Reson Imaging* 2023, 58(3):864-876. IF 4.4

**Nephrologie**

Addetia A, Piccoli L, Case JB, Park YJ, Beltramello M, Guarino B, Dang H, de Melo GD, Pinto D, Sprouse K, Scheaffer SM, Bassi J, Silacci-Fregni C, Muoio F, Dini M, Vincenzetti L, Acosta R, Johnson D, Subramanian S, Saliba C, Giurdanella M, Lombardo G, Leoni G, Culap K, McAlister C, Rajesh A, Dellota E, Jr., Zhou J, Farhat N, Bohan D, Noack J, Chen A, Lempp FA, Quispe J, Kergoat L, Larrous F, Cameroni E, Whitener B, Giannini O, Cippa P, Ceschi A, Ferrari P, Franzetti-Pellanda A, Biggiogero M, Garzoni C, Zappi S, Bernasconi L, Kim MJ, Rosen LE, Schnell G, Czudnochowski N, Benigni F, Franko N, Logue JK, Yoshiyama C, Stewart C, Chu H, Bourhy H, Schmid MA, Purcell LA, Snell G, Lanzavecchia A, Diamond MS, Corti D, Veesler D: **Neutralization, effector function and immune imprinting of Omicron variants.** *Nature* 2023, 621(7979):592-601. IF 64.8

Bonny O, Fuster D, Seeger H, Hernandez T, Buchkremer F, Wuerzner G, Dhayat N, Ritter A, Stoermann C, Segerer S, Hausermann T, Pasch A, Kim M, Mayr M, Krapf R, Roth B, Bochud M, Mohebbi N, Wagner CA: **The Swiss Kidney Stone Cohort: A Longitudinal, Multicentric, Observational Cohort to Study Course and Causes of Kidney Stone Disease in Switzerland.** *Kidney Blood Press Res* 2023, 48(1):194-201. IF 2.8

Buchkremer F, Schuetz P, Mueller B, Segerer S: **Classifying Hypotonic Hyponatremia by Projected Treatment Effects – A Quantitative 3-Dimensional Framework.** *Kidney Int Rep* 2023, 8(12):2720-2732. IF 6.0

Dhayat NA, Bonny O, Roth B, Christe A, Ritter A, Mohebbi N, Faller N, Pellegrini L, Bedino G, Venzin RM, Grosse P, Husler C, Koneth I, Bucher C, Del Giorno R, Gabutti L, Mayr M, Odermatt U, Buchkremer F, Hernandez T, Stoermann-Chopard C, Teta D, Vogt B, Roumet M, Tamò L, Cereghetti GM, Trelle S, Fuster DG: **Hydrochlorothiazide and Prevention of Kidney-Stone Recurrence.** *N Engl J Med* 2023, 388(9):781-791. IF 158.5

Legay C, Haeusermann T, Pasquier J, Chatelan A, Fuster DG, Dhayat N, Seeger H, Ritter A, Mohebbi N, Hernandez T, Chopard CS, Buchkremer F, Segerer S, Wuerzner G, Ammor N, Roth B, Wagner CA, Bonny O, Bochud M: **Differences in the Food Consumption Between Kidney Stone Formers and Nonformers in the Swiss Kidney Stone Cohort.** *J Ren Nutr* 2023, 33(4):555-565. IF 3.2

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 vs fixed duration of antiviral prophylaxis against cytomegalovirus in solid-organ transplant recipients. A Multicenter, Randomized Clinical Trial.** *Clin Infect Dis* 2023. IF 11.8

Nickler M, Stampf S, Bernasconi L, Segerer S, Blum CA, Kim MJ: **Performance of synacthen test in chronic hemodialysis patients.** *BMC Nephrol* 2023, 24(1):330. IF 2.3

**BEREICH MEDIZIN**

Tam FWK, Tumlin J, Barratt J, Rovin BH, Roberts ISD, Roufosse C, Cook HT, Bhangal G, Brown AL, Busch M, Dudhiya F, Duliege AM, Fraser DJ, Gale DP, Huang CC, Lai PC, Lee M, Masuda ES, McAdoo SP, Rosenkranz AR, Sommerer C, Sunder-Plassmann G, Szeto CC, Tang SCW, Williamson DE, Willcocks L, Vielhauer V, Kim MJ, Todd L, Zayed H, Tong-Starken S, Lafayette R: **Randomized Trial on the Effect of an Oral Spleen Tyrosine Kinase Inhibitor in the Treatment of IgA Nephropathy.** *Kidney Int Rep* 2023, 8(12):2546-2556. IF 6.0

Zappi S, Bernasconi L, Fischer I, Hoxha E, Wiech T, Minzer A, Irani S, Moosmann P, Kim MJ: **Lesson for the clinical nephrologist: thrombospondin type-1 domain-containing protein 7A-associated membranous nephropathy and Fanconi syndrome in a patient with a squamous cell lung cancer.** *J Nephrol* 2023, 36(8):2395-2399. IF 3.4

**Onkologie / Hämatologie und Transfusionsmedizin**

Banziger S, Weisshaar K, Arokoski R, Gerull S, Halter J, Rovo A, Bargetzi M, Goede JS, Senft Y, Valenta S, Passweg JR, Drexler B: **Feasibility of electronic patient-reported outcome monitoring and self-management program in aplastic anemia and paroxysmal nocturnal hemoglobinuria-a pilot study (ePRO-AA-PNH).** *Ann Hematol* 2023, 102(1):199-208. IF 3.5

Bernardis A, Gonzalez-Jaramillo V, Ebneter AS, Eychmuller S: **Palliative care and COVID-19: a bibliometric analysis.** *BMJ Support Palliat Care* 2023. IF 2.7

Biskup E, Sartorius CM, Muller A, Leo C, Nussbaum CU, Georgescu Margarint EL, Koychev D, Schreiber A, Taverna C, Thorn D, Vetter M: **Pertuzumab as second- or later-line therapy for human epidermal growth factor receptor 2-positive metastatic breast cancer: A clinical experience.** *Mol Clin Oncol* 2023, 19(1):52. IF 1.2

Cathomas R, Rothschild SI, Hayoz S, Bubendorf L, Ozdemir BC, Kiss B, Erdmann A, Aepli S, Mach N, Strelbel RT, Hadaschik B, Berthold D, John H, Zihler D, Schmid M, Alborelli I, Schneider M, Musilova J, Spahn M, Petrausch U: **Perioperative Chemoimmunotherapy With Durvalumab for Muscle-Invasive Urothelial Carcinoma: Primary Analysis of the Single-Arm Phase II Trial SAKK 06/17.** *J Clin Oncol* 2023, 41(33):5131-5139. IF 50.7

Davies AJ, Barrans S, Stanton L, Caddy J, Wilding S, Saunders G, Mamot C, Novak U, McMillan A, Fields P, Collins GP, Stephens R, Cucco F, Sha C, van Hoppe M, Tooze R, Davies JR, Griffiths G, Schuh A, Burton C, Westhead DR, Du MQ, Johnson PWM: **Differential Efficacy From the Addition of Bortezomib to R-CHOP in Diffuse Large B-Cell Lymphoma According to the Molecular Subgroup in the REMoLB Study With a 5-Year Follow-Up.** *J Clin Oncol* 2023, 41(15):2718-2723. IF 50.739

Fischer S, Rothermundt C, Stalder O, Terbuch A, Hermanns T, Zihler D, Muller B, Fankhauser CD, Hirschi-Blickenstorfer A, Seifert B, Kluth LA, Ufe MP, Migrone W, Templeton AJ, Fischer N, Rothschild S, Woelky R, Gillessen S, Cathomas R: **The Value of Tumour Markers in the Detection of Relapse-Lessons Learned from the Swiss Austrian German Testicular Cancer Cohort Study.** *Eur Urol Open Sci* 2023, 50:57-60. IF 2.5

Hasler-Strub U, Mueller A, Li Q, Thuerlimann B, Ribi K, Gerber S, von Moos R, Fehr M, Rochlitz C, Zaman K, Aebi S, Hochstrasser A, Gick U, Baertschi D, Greuter S, Schreiber A, Caspar CB, Trojan A, Condorelli R, Ruhstaller T, Swiss Group for Clinical Cancer R: **Eribulin as first-line treatment in older patients with advanced breast cancer: A multicenter phase II trial [SAKK 25/14].** *J Geriatr Oncol* 2023, 14(1):101372. IF 3.0

Hassine KB, Seydoux C, Khier S, Daali Y, Medinger M, Halter J, Heim D, Chalandon Y, Schanz U, Nair G, Cantoni N, Passweg JR, Uppugunduri CRS, 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* 2023. IF 3.2

Hitz F, Lang N, Mey U, Migrone W, Moccia A, Taverna C, Novak U, Stenner F, Schmidt A, Mamot C, Fischer N, Putora PM: **Decision-Making among Experts in Advanced Hodgkin Lymphoma.** *Oncology* 2023, 101(3):159-165. IF 3.5

Kennedy VE, Perkins C, Reiter A, Jawhar M, Lubke J, Kluin-Nelemans HC, Shomali W, Langford C, Abuel J, Hermine O, Niedoszytko M, Gorska A, Mital A, Bonadonna P, Zanotti R, Tanasi I, Mattsson M, Hagglund H, Triggiani M, Yavuz AS, Panse J, Christen D, Heizmann M, Shoumariyah K, Muller S, Elena C, Malcovati L, Fiorelli N, Wortmann F, Vucinic V, Brockow K, Fokoloros C, Papageorgiou SG, Breynaert C, Bullens D, Doubek M, Illerhaus A, Angelova-Fischer I, Solomianyi O, Varkonyi J, Sabato V, Rufer A, Schug TD, Hermans MAW, Fortina AB, Caroppo F, Bumbea H, Gulen T, Hartmann K, Elberink HO, Schwaab J, Arock M, Valent P, Sperr WR, Gotlib J: **Mast cell leukemia: clinical and molecular features and survival outcomes of patients in the ECNM Registry.** *Blood Adv* 2023, 7(9):1713-1724. IF 7.5

Mamot C, Wicki A, Hasler-Strub U, Riniker S, Li Q, Holer L, Bartschi D, Zaman K, von Moos R, Dedes KJ, Boos LA, Novak U, Bodmer A, Ritschard R, Obermann EC, Tzankov A, Ackermann C, Membrez-Antonioli V, Zurrer-Hardi U, Caspar CB, Deuster S, Senn M, Winterhalder R, Rochlitz C: **A multicenter phase II trial of anti-EGFR-immunoliposomes loaded with doxorubicin in patients with advanced triple negative breast cancer.** *Sci Rep* 2023, 13(1):3705. IF 4.6

**BEREICH MEDIZIN**

Menges D, Piatti MC, Omlin A, Cathomas R, Benamran D, Fischer S, Iselin C, Kung M, Lorch A, Pause L, Rothermundt C, O'Meara Stern A, Zihler D, Lippuner M, Braun J, Cerny T, Puhan MA: **Patient and General Population Preferences Regarding the Benefits and Harms of Treatment for Metastatic Prostate Cancer: A Discrete Choice Experiment.** *Eur Urol Open Sci* 2023, 51:26-38. IF 2.5

Mottin L, Goldman JP, Jaggli C, Achermann R, Gobeill J, Knafo J, Ehksam J, Wicky A, Gerard CL, Schwenk T, Charrier M, Ts-antoulis P, Lovis C, Leichtle A, Kiessling MK, Michielin O, Pradervand S, Foufi V, Ruch P: **Multilingual RECIST classification of radiology reports using supervised learning.** *Front Digit Health* 2023, 5:1195017.

Pabst T, Vey N, Ades L, Bacher U, Bargetzi M, Fung S, Gaidano G, Gandini D, Hultberg A, Johnson A, Ma X, Muller R, Nottage K, Papayannidis C, Recher C, Riether C, Shah P, Tryon J, Xiu L, Ochsenbein AF: **Results from a phase I/II trial of cusatuzumab combined with azacitidine in patients with newly diagnosed acute myeloid leukemia who are ineligible for intensive chemotherapy.** *Haematologica* 2023, 108(7):1793-1802. IF 10.1

Radauer-Plank AC, Diesch-Furlanetto T, Schneider M, Sommerhauser G, Friedrich LA, Salow V, Dulberg J, Diepold M, Rovo A, Njue LM, Drexler B, Infantil L, Kroiss S, Merki R, Scheinemann K, Eisenreich B, Hegemann I, Mandic L, Kager L, Borgmann-Staudt A, Schilling R, Roll S, Balcerik M: **Desire for biological parenthood and patient counseling on the risk of infertility among adolescents and adults with hemoglobinopathies.** *Pediatr Blood Cancer* 2023, 70(7):e30359. IF 3.2

Sava M, Battig V, Gerull S, Passweg JR, Khanna N, Garzoni C, Gerber B, Mueller NJ, Schanz U, Berger C, Chalandon Y, van Delden C, Neofytos D, Stampf S, Franzeck FC, Weisser M, Swiss Transplant Cohort S: **Bloodstream infections in allogeneic haematopoietic cell recipients from the Swiss Transplant Cohort Study: trends of causative pathogens and resistance rates.** *Bone Marrow Transplant* 2023, 58(1):115-118. IF 4.8

Schifferli A, Rufer A, Rovo A, Nimmerjahn F, Cantoni N, Holbro A, Favre G, Dirks J, Wieland A, Faeth H, Pereira R, Kuhne T: **Immunomodulation with romiplostim as a second-line strategy in primary immune thrombocytopenia: The iROM study.** *Br J Haematol* 2023, 203(1):119-130. IF 6.5

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, Früh 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* 2023, 187:107427. IF 5.3

Seydoux C, Uppugunduri CRS, Medinger M, Nava T, Halter J, Heim D, Chalandon Y, Schanz U, Nair G, Cantoni N, Passweg JR, Ansari M: **Effect of pharmacokinetics and pharmacogenomics in adults with allogeneic hematopoietic cell transplantation conditioned with Busulfan.** *Bone Marrow Transplant* 2023, 58(7):811-816. IF 4.8

Simeunovic H, Dickenmann M, Nabergoj M, Baldomero H, Masouridi-Levrat S, Nair G, Schanz U, Passweg J, Rovo A, Chalandon Y, Rebmann E: **Allogeneic hematopoietic stem cell transplantation in Hodgkin lymphoma in Switzerland, 20 years of experience: 2001-2020.** *EJHaem* 2023, 4(1):262-265. IF 3.1

Theocharides A, Gisslinger H, De Stefano V, Accurso V, Iurlo A, Devos T, Eggyed 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* 2023. IF 3.1

Valore L, Junker T, Heilmann E, Zuern CS, Streif M, Drexler B, Arranto C, Halter JP, Berger CT: **Case report: mRNA-1273 COVID-19 vaccine-associated myopericarditis: Successful treatment and re-exposure with colchicine.** *Front Cardiovasc Med* 2023, 10:1135848. IF 3.6

Zappi S, Bernasconi L, Fischer I, Hoxha E, Wiech T, Minzer A, Irani S, Moosmann P, Kim MJ: **Lesson for the clinical nephrologist: thrombospondin type-1 domain-containing protein 7A-associated membranous nephropathy and Fanconi syndrome in a patient with a squamous cell lung cancer.** *J Nephrol* 2023, 36(8):2395-2399. IF 3.4

**Pneumologie**

Klose H, Harbaum L, Richter MJ, Lichtblau M, Marra AM, Kabitz HJ, Harutyunova S, Milger-Kneidinger K, Lange TJ: **[Targeted therapy for pulmonary arterial hypertension in patients without comorbidities].** *Pneumologie* 2023, 77(11):890-900. IF 1.2

Lichtblau M, Harutyunova S, Nechwatal R, Mayer L, Kabitz HJ, Wilkens FM, Uiker S, Grunig E, Ritter D, Florea A, Benjamin N: **[General measures and management of pulmonary arterial hypertension].** *Pneumologie* 2023, 77(11):907-915. IF 1.2

Sievi NA, Sepin J, Roeder M, Brack T, Brutsche MH, Frey M, Irani S, Leuppi JD, Thurnheer R, Clarenbach CF, Kohler M: **Are Predictors for Overall Mortality in COPD Patients Robust over Time?** *J Clin Med* 2023, 12(4). IF 3.9

**BEREICH MEDIZIN**

Zappi S, Bernasconi L, Fischer I, Hoxha E, Wiech T, Minzer A, Irani S, Moosmann P, Kim MJ: **Lesson for the clinical nephrologist: thrombospondin type-1 domain-containing protein 7A-associated membranous nephropathy and Fanconi syndrome in a patient with a squamous cell lung cancer.** *J Nephrol* 2023, 36(8):2395-2399. IF 3.4

**Rheumatologie**

Riek M, Scherer A, Moller B, Ciurea A, von Muhlenen I, Gabay C, Kyburz D, Brulhart L, von Kempis J, Mueller RB, Hasler P, Strahm T, von Kanel S, Zufferey P, Dudler J, Finckh A: **Serious infection risk of tofacitinib compared to biologics in patients with rheumatoid arthritis treated in routine clinical care.** *Sci Rep* 2023, 13(1):17776. IF 3.0

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* 2023. IF 3.1

**BEREICH CHIRURGIE****Kinderchirurgie**

Zaccaria L, Stranzinger E, Xydias T, Schaederlin S, Ziebarth K, Truck M, Sommer-Joergensen V, Aufdenblatten C, Klimek PM: **Partial Remodeling after Conservative Treatment of Trampoline Fractures in Children.** *Children (Basel)* 2023, 10(2). IF 2.4

**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* 2023 IF 2.6

Gelardi M, Giancaspro R, Duda L, Quaranta VN, Pizzulli C, Maiorano E, Di Canio FM, Ruzza A, Iannuzzi L, Quaranta NAA, Parisi F, Casano M, Marzullo A: **Eosinophil-mast cell pattern of intraepithelial infiltration as a marker of severity in CRSwNP.** *Sci Rep* 2023, 13(1):12101. IF 4.6

Horvath L, Fostiroopoulos K, Burri E, Kraft M: **Comparison of transnasal esophagoscopy and sedated esophagogastroduodenoscopy in the assessment of laryngopharyngeal reflux.** *Clin Otolaryngol* 2023, 48(2):213-219. IF 2.1

Walker V, Trope M, Tichavakunda AA, Speth MM, Sedaghat AR, Phillips KM: **Patient Perspectives on Acute Exacerbations of Chronic Rhinosinusitis: A Qualitative Study.** *Otolaryngol Head Neck Surg* 2023, 168(4):862-867. IF 3.4

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

Al-Nawas B, Lambert F, Andersen SWM, Bornstein MM, Gahlert M, Jokstad A, Jung J, Kwon YD, Laleman I, Oteri G, Roehling S, Schiegnitz E, Takeda Y, Terheyden H: **Group 3 ITI Consensus Report: Materials and antiresorptive drug-associated outcomes in implant dentistry.** *Clin Oral Implants Res* 2023, 34 Suppl 26:169-176. IF 4.3

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 a Swiss study.** *Int J Psychiatry Med* 2023;912174231225801. IF 2.0

Laleman I, Lambert F, Gahlert M, Bacevic M, Woelfler H, Roehling S: **The effect of different abutment materials on peri-implant tissues-A systematic review and meta-analysis.** *Clin Oral Implants Res* 2023, 34 Suppl 26:125-142. IF 4.3

Roehling S, Gahlert M, Bacevic M, Woelfler H, Laleman I: **Clinical and radiographic outcomes of zirconia dental implants-A systematic review and meta-analysis.** *Clin Oral Implants Res* 2023, 34 Suppl 26:112-124. IF 4.3

**Klinik für Neurochirurgie**

Akkurt BH, Wanderer S, Schwyzer L, Berberat J, Henssen D, Sartoretti T, Sartoretti E, Musigmann M, Brokinkel B, Stummer W, Heindel W, Remonda L, Manni M: **Predicting Meningioma Resection Status: Use of Deep Learning.** *Acad Radiol* 2023, 30(7):1232-1237. IF 4.8

Andereggen L, Tortora A, Schubert GA, Musahl C, Frey J, Luedi MM, Mariani L, Beck J, Christ E: **Prolactinomas in adolescent and elderly patients-A comparative long-term analysis.** *Front Surg* 2023, 10:967407. IF 1.8

Baumann L, Bello C, Georg FM, Urman RD, Luedi MM, Andereggen L: **Acute Pain and Development of Opioid Use Disorder: Patient Risk Factors.** *Curr Pain Headache Rep* 2023, 27(9):437-444. IF 3.7

**BEREICH CHIRURGIE**

- Berberat J, Anderegg L, Gruber P, Hausmann O, Reza Fathi A, Remonda L: **A Diagnostic Biomarker for Cervical Myelopathy Based on Dynamic Magnetic Resonance Imaging.** *Spine (Phila Pa 1976)* 2023, 48(15):1041-1046. IF 3.0
- Boillat G, Franssen T, Wanderer S, Rey J, Casoni D, Anderegg L, Marbacher S, Gruter BE: **Anatomical Variations of the Common Carotid Arteries and Neck Structures of the New Zealand White Rabbit and Their Implications for the Development of Preclinical Extracranial Aneurysm Models.** *Brain Sci* 2023, 13(2). IF 3.3
- Cavalloni F, Brugger F, Kagi G, Naseri Y, Brogle D, Bozinov O, Bauer R, Hagele-Link S, Kruger MT: **Evaluation of the Rotational Stability of Directional Deep Brain Stimulation Leads: A Case Series and Systematic Review.** *J Neurol Surg A Cent Eur Neurosurg* 2023 IF 1.0
- Croci DM, Shipman H, Monsour M, Foley MM, Marbacher S, Bisson EF: **IL-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* 2023 IF 1.0
- Dietz N, Gruter BE, Haegler J, Cho SK, Tubbs RS, Spiessberger A: **The modified occipital condyle screw: A quantitative anatomic study investigating the feasibility of a novel instrumented fixation technique for craniocervical fusion.** *J Craniovertebr Junction Spine* 2023, 14(2):175-180. IF 1.1
- El Rahal A, Beck J, Ahlbom P, Bernasconi C, Marbacher S, Wanderer S, Burkhardt JK, Daniel RT, Ferrari A, Hausmann O, Kamenova M, Kothbauer K, Lutz K, Mariani L, Alfieri A, Schoni D, Schucht P, Raabe A, Regli L, Kuhlen D, Seule M, Soleman J, Starnoni D, Zaldivar J, Zweifel C, Schaller K, Fung C: **Incidence, therapy, and outcome in the management of chronic subdural hematoma in Switzerland: a population-based multicenter cohort study.** *Front Neurol* 2023, 14:1206996. IF 3.4
- Goldberg J, Z'Graggen WJ, Hlavica M, Branca M, Marbacher S, D'Alonzo D, Fandino J, Stienen MN, Neidert MC, Burkhardt JK, Regli L, Seule M, Roethlisberger M, Guzman R, Zumofen DW, Maduri R, Daniel RT, El Rahal A, Corniola MV, Bijlenga P, Schaller K, Rolz R, Scheiwe C, Shah M, Heiland DH, Schnell O, Beck J, Raabe A, Fung C: **Quality of Life After Poor-Grade Aneurysmal Subarachnoid Hemorrhage.** *Neurosurgery* 2023, 92(5):1052-1057. IF 4.8
- Gruber P, Valbuena P, Sassenburg R, Anon J, Anderegg L, Berberat J, Remonda L: **Anatomical distribution and clinical significance of middle cerebral artery M2 segment vessel occlusions and its cortical branches in acute ischaemic stroke patients.** *BMJ Neurol Open* 2023, 5(2):e000450. IF 2.7
- Gruter BE, Anderegg L: **Growing Fat Tissue After Grafting for Dural Sealing.** *World Neurosurg* 2023, 170:236-237. IF 2.0
- Gruter BE, Canzanella G, Hagler J, Rey J, Wanderer S, von Gunten M, Galvan JA, Grobholz R, Widmer HR, Remonda L, Anderegg L, Marbacher S: **Topographic distribution of inflammation factors in a healing aneurysm.** *J Neuroinflammation* 2023, 20(1):182. IF 9.3
- Gruter BE, Wanderer S, Anderegg L, Tortora A, Gruber P, Anon J, Diepers M, Schubert G, Remonda L, Marbacher S: **Incidence and Outcome of Peri-interventional Vasospasm During Endovascular or Microsurgical Treatment of Unruptured Intracranial Aneurysms.** *Neurosurgery* 2023, 92(3):599-606. IF 4.8
- Hao G, Conzen-Dilger C, Schmidt TP, Harder E, Schops M, Clauser JC, Schubert GA, Lindauer U: **Effect of isolated intracranial hypertension on cerebral perfusion within the phase of primary disturbances after subarachnoid hemorrhage in rats.** *Front Cell Neurosci* 2023, 17:1115385. IF 5.3
- Jost JN, Irmak Y, Gruter B, Tortora A, Marbacher S, Musahl C, Schubert GA, Anderegg L, Wanderer S: **Safety and functional outcome analysis of ventriculoperitoneal shunt placement for hydrocephalus within the critical phase of possible delayed cerebral ischemia after aneurysmal subarachnoid hemorrhage.** *Neurosurg Rev* 2023, 46(1):302. IF 2.8
- Kastenholz N, Megjhani M, Conzen-Dilger C, Albanna W, Veldeman M, Nametz D, Kwon SB, Schulze-Steinen H, Ridwan H, Clusmann H, Schubert GA, Park S, Weiss M: **The oxygen reactivity index indicates disturbed local perfusion regulation after aneurysmal subarachnoid hemorrhage: an observational cohort study.** *Crit Care* 2023, 27(1):235. IF 15.1
- Kienzler JC, Hidalgo TE, Wichmann W, Magagna-Poveda A, Fandino J: **Lumbar Epidural Cavernous Hemangioma: A Case Report and Review of the Literature.** *Cureus* 2023, 15(1):e33677. IF 1.2
- Marbacher S, Anderegg L, Schubert GA, Gruter BE: **Is there any risk for recurrence of a completely clipped intracranial aneurysm?** *Neurosurg Rev* 2023, 46(1):242. IF 2.8
- Marbacher S, Gruter BE, Wanderer S, Anderegg L, Cattaneo M, Trost P, Gruber P, Diepers M, Remonda L, Steiger HJ: **Risk of intracranial aneurysm recurrence after microsurgical clipping based on 3D digital subtraction angiography.** *J Neurosurg* 2023, 138(3):717-723. IF 4.1
- Megjhani M, Weiss M, Ford J, Terilli K, Kastenholz N, Nametz D, Kwon SB, Velazquez A, Agarwal S, Roh DJ, Conzen-Dilger C, Albanna W, Veldeman M, Connolly ES, Jr, Claassen J, Aries M, Schubert GA, Park S: **Optimal Cerebral Perfusion Pressure and Brain Tissue Oxygen in Aneurysmal Subarachnoid Hemorrhage.** *Stroke* 2023, 54(1):189-197. IF 8.3
- Monsour M, Croci DM, Gruter BE, Taussky P, Marbacher S, Agazzi S: **Cerebral Aneurysm and Interleukin-6: a Key Player in Aneurysm Generation and Rupture or Just One of the Multiple Factors?** *Transl Stroke Res* 2023, 14(5):631-639. IF 6.9

**BEREICH CHIRURGIE**

Moser M, Coluccia D, Watermann C, Lehnick D, Marbacher S, Kothbauer KF, Nevzati E: **Reducing morbidity associated with subdural drain placement after burr-hole drainage of unilateral chronic subdural hematomas: a retrospective series comparing conventional and modified Nelaton catheter techniques.** *Acta Neurochir (Wien)* 2023; 165(11):3207-3215. IF 2.4

Petrucci M, Spadavecchia C, Wanderer S, Boillat G, Marbacher S, Garcia Casalta LG, Casoni D: **Usefulness and Reliability of the Bispectral Index during Balanced Anesthesia for Neurovascular Surgery in New Zealand White Rabbits.** *Brain Sci* 2023; 13(2). IF 3.3

Revollo YLB, Atassi H, Fandino J, Kienzler JC: **Preoperative ODI and Intake of Analgesics Predict Outcome after Lumbar Microdiscectomy: Results from a Prospective Register.** *J Neurol Surg A Cent Eur Neurosurg* 2023; 84(2):123-127. IF 1.0

Roelcke U, Schwyzer L, Zeitlberger AM, Hundsberger T: **Symptom Burden in Glioblastoma: A Prospective Pilot Study from Diagnosis to First Progression.** *Oncology* 2023; 101(3):145-152. IF 3.5

Roethlisberger M, Aghlmandi S, Rychen J, Chiappini A, Zumofen DW, Bawarjan S, Stienen MN, Fung C, D'Alonzo D, Maldaner N, Steinsiepe VK, Corniola MV, Goldberg J, Cianfoni A, Robert T, Maduri R, Saliou G, Starnoni D, Weber J, Seule MA, Gralla J, Bervini D, Kulcsar Z, Burkhardt JK, Bozinov O, Remonda L, Marbacher S, Lovblad KO, Psychogios M, Bucher HC, Mariani L, Bijlenga P, Blackham KA, Guzman R, Swiss SOSG: **Impact of Very Small Aneurysm Size and Anterior Communicating Segment Location on Outcome after Aneurysmal Subarachnoid Hemorrhage.** *Neurosurgery* 2023; 92(2):370-381. IF 4.8

Spiessberger A, Gruter B, Prashant G, Haegler J, Eisenberg M, Cohen-Gadol AA, Dehdashti AR: **A Contemporary Clinico-Anatomical Guide to Craniovertebral Junction Surgery.** *J Neurol Surg B Skull Base* 2023; 84(4):413-420. IF 0.9

Veldeman M, Rossmann T, Weiss M, Conzen-Dilger C, Korja M, Hoellig A, Virta JJ, Satopaa J, Luostarinen T, Clusmann H, Niemela M, Raj R: **Aneurysmal Subarachnoid Hemorrhage in Hospitalized Patients on Anticoagulants-A Two Center Matched Case-Control Study.** *J Clin Med* 2023; 12(4). IF 3.9

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* 2023. IF 4.9

Wanke I, Lovblad KO, Grossmann H, Bassetti CLA, Remonda L: **In memory of Professor Valavanis.** *Neuroradiology* 2023; 65(10):1561-1563. IF 2.8

Warner L, Bach-Hagemann A, Schmidt TP, Pinkernell S, Schubert GA, Clusmann H, Albanna W, Lindauer U, Conzen-Dilger C: **Opening a window to the acutely injured brain: Simultaneous retinal and cerebral vascular monitoring in rats.** *Front Mol Neurosci* 2023; 16:1116841. IF 4.8

Weiss M, Dogan R, Eisenberg U, Velalakan A, Kruger J, Moritz I, Nistor-Gallo D, Flueh C, Janz C, Ahmadi R, Hakvoort K, Forster MT, Women in Neurosurgery – Open for all – Official Commission of the German Society of N: **Path to success: female leaders in German neurosurgery.** *Neurosurg Rev* 2023; 46(1):269. IF 2.8

Weiss M, Dogan R, Jeltema HR, Hatipoglu Majernik G, Venturini S, Ryang YM, Darie L, Engel D, Ferreira A, Ilic T, Lawson McLean AC, Malli A, Mielke D, Vanchaze K, Hernandez-Duran S, European Association of Neurosurgical Societies' Diversity C: **Women in leadership positions in European neurosurgery – Have we broken the glass ceiling?** *Brain Spine* 2023; 3:101777.

Wipplinger F, Holthof N, Anderegg L, Urman RD, Luedi MM, Bello C: **Meditation as an Adjunct to the Management of Acute Pain.** *Curr Pain Headache Rep* 2023; 27(8):209-216. IF 3.7

**Klinik für Ophthalmologie**

Menna F, Billia F, Papazoglou A, Tschopp M, Grobholz R: **Unusual Masquerading Infraorbital Mass-A Case Report of Human Ocular Dirofilariasis Found in A Ukrainian Patient in Switzerland.** *Pathogens* 2023; 12(8). IF 3.7

Sahin A, Tschopp M, Agca C: **Editorial: Neuroprotective mechanisms and translational approaches in the retina.** *Front Neurosci* 2023; 17:1140759. IF 4.3

**Klinik für Plastische Chirurgie und Handchirurgie**

Azarpira M, Katz G, Chaves C, Gubeli A, Guidi M, Chikhani S, Amadio PC, Dubert T: **Translation of a patient-surgeon relationship assessment instrument (Q-PASREL) into six languages.** *Hand Surg Rehabil* 2023; 42(4):337-341. IF 1.1

Ederer IA, Spennato S, Nguyen CT, Wehle A, Wachtel C, Kiehlmann M, Hacker S, Kueenzlen L, Kuehn S, Rothenberger J, Rieger UM: **A Single-Center 10-Year Experience of 180 Transmasculine Patients Undergoing Gender-Affirming Mastectomy While Continuing Masculinizing Hormone Replacement Therapy.** *Aesthetic Plast Surg* 2023; 47(3):946-954. IF 2.4

Guebeli A, Thieringer F, Honigmann P, Keller M: **In-house 3D-printed custom splints for non-operative treatment of distal radial fractures: a randomized controlled trial.** *J Hand Surg Eur Vol* 2023; 17531934231187554. IF 1.8

**BEREICH CHIRURGIE**

- Heuberger D, Wendel-Garcia PD, Sazpinar O, Muller M, Klein H, Kim BS, Andermatt R, Erlebach R, Schuepbach RA, Buehler PK, David S, Hofmaenner DA: **The Angiopoietin-2/Angiopoietin-1 ratio increases early in burn patients and predicts mortality.** *Cytokine* 2023, 169:156266. IF 3.8
- Hummel CE, Klein HJ, Giovanoli P, Lindenblatt N: **Complications arising from aesthetic surgery procedures in foreign countries and Switzerland.** *Swiss Med Wkly* 2023, 153:40077. IF 2.9
- Kammerhofer C, Weber A, Bratschi CS, Meuli-Simmen C, Plock JA, Mauler F: **Risk Factors for Nonunion After Distal Phalangeal Fractures of the Hand.** *J Hand Surg Am* 2023. IF 1.9
- Keller M, Guebeli A, Thieringer F, Honigmann P: **Artificial intelligence in patient-specific hand surgery: a scoping review of literature.** *Int J Comput Assist Radiol Surg* 2023, 18(8):1393-1403. IF 3.0
- Ludi S, Kurz C, Deforth M, Ghafoor H, Haefeli M, Honigmann P: **Radiological, Clinical, and Functional Outcomes of Combined Dorsal and Volar Locking Plate Osteosynthesis for Complex Distal Radius Fractures.** *J Hand Surg Am* 2023, 48(4):377-387. IF 1.9
- Mauler F, Boudabbous S, Beaulieu JY: **Midsectional Magnetic Resonance Imaging Analysis of the Sigmoid Notch of the Distal Radioulnar Joint.** *J Wrist Surg* 2023, 12(2):170-176. IF 0.7
- Pedrazzi N, Klein H, Gentzsch T, Kim BS, Waldner M, Giovanoli P, Plock J, Schweizer R: **Predictors for limb amputation and reconstructive management in electrical injuries.** *Burns* 2023, 49(5):1103-1112. IF 2.7
- Riegger M, Habib N, Testa EA, Muller J, Guidi M, Candrian C: **The modified Lapidus fusion: a systematic review of biomechanical studies.** *EFORT Open Rev* 2023, 8(4):162-174. IF 3.4
- Roggan CLM, Akbas S, Arvanitakis M, Mannil L, Spahn DR, Plock JA, Kaserer A: **Changes in coagulation and temperature management in burn patients – A survey of burn centers in Switzerland, Austria and Germany.** *Burns* 2023, 49(7):1566-1573. IF 2.7
- 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* 2023. IF 3.6
- Tereshenko V, Blumer R, Klein HJ, Schweizer R, Aszmann OC, Bergmeister KD: **Temporal and Zygomatic Branches of the Facial Nerve Contain Nonmyelinated Axons.** *Facial Plast Surg Aesthet Med* 2023, 25(3):198-199. IF 2.0
- Tereshenko V, Maierhofer U, Dotzauer DC, Laengle G, Schmoll M, Festin C, Luft M, Carrero Rojas G, Politikou O, Hruby LA, Klein HJ, Eisenhardt SU, Farina D, Blumer R, Bergmeister KD, Aszmann OC: **Newly identified axon types of the facial nerve unveil supplemental neural pathways in the innervation of the face.** *J Adv Res* 2023, 44:135-147. IF 10.7
- Turan TL, Klein HJ, Hackler J, Hoerner L, Rijntjes E, Graf TR, Plock JA, Schomburg L: **Serum Selenium-Binding Protein 1 (SELEN-BP1) in Burn Injury: A Potential Biomarker of Disease Severity and Clinical Course.** *Antioxidants (Basel)* 2023, 12(11). IF 7.0
- Vasella M, Arnke K, Dranseikiene D, Guzzi E, Melega F, Reid G, Klein HJ, Schweizer R, Tibbitt MW, Kim BS: **Methacrylated Gelatin as a Scaffold for Mechanically Isolated Stromal Vascular Fraction for Cutaneous Wound Repair.** *Int J Mol Sci* 2023, 24(18). IF 5.6
- Vasella M, Cirebea J, Gousopoulos E, Wang A, Schweizer R, Waldner M, Grieb G, Buehler P, Plock JA, Kim BS: **Outcome of Facial Burn Injuries Treated by a Nanofibrous Temporary Epidermal Layer.** *J Clin Med* 2023, 12(16). IF 3.9
- 
- Klinik für Traumatologie und Orthopädie**
- Boeddrich O, Sander AL, Lustenberger T, Marzi I, Frank J, Voth M, Sommer K: **Epidemiology of carpal fractures: is it only about the scaphoid?** *Eur J Trauma Emerg Surg* 2023, 49(3):1499-1503. IF 2.1
- Eckl L, Freislederer F, Toft F: **Arthroscopic-assisted, joint preserving surgical treatment of a cuff tear arthropathy-related acromioclavicular joint cyst with associated geyser sign: a case report.** *JSES Rev Rep Tech* 2023, 3(2):230-235.
- Frank FA, Peduzzi N, Brugger R, Morgenstern M, Cadosch D, Clauss M: **[Septic arthritis].** *Ther Umsch* 2023, 80(1):39-44.
- Gensior TJ, Mester B, Achtnich A, Winkler PW, Henkelmann R, Hepp P, Glaab R, Krause M, Frosch KH, Zellner J, Schoepp C: **Anatomic repair and ligament bracing as an alternative treatment option for acute combined PCL injuries involving the postero-medial or posterolateral corner-results of a multicentre study.** *Arch Orthop Trauma Surg* 2023, 143(12):7123-7132. IF 2.3
- Henkelmann R, Hepp P, Mester B, Dudda M, Braun PJ, Kleen S, Zellner J, Galler M, Koenigshausen M, Schildhauer TA, Saier T, Trulson I, Dey Hazra RO, Lill H, Glaab R, Bolt B, Wagner M, Raschke MJ, Katthagen JC: **Assessment of Complication Risk in the Treatment of Proximal Humerus Fractures: A Retrospective Analysis of 4019 Patients.** *J Clin Med* 2023, 12(5). IF 3.9
- Liebs TR, Dubs L, Stengel D, Renkawitz T, Arbeitsgruppe Evidenzbasierte Medizin der Deutschen Gesellschaft für Orthopädie und U: **[Rehabilitation versus autologous repair for anterior cruciate ligament injury in the postacute phase : An evidence-based critical appraisal of the multicenter randomized ACL SNNAP trial].** *Orthopädie (Heidelberg)* 2023, 52(6):486-491. IF 0.8

**BEREICH CHIRURGIE**

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* 2023; IF 2.3

Papp K, Speth BM, Camathias C: **Clinical Insights into the Treatment of Patellofemoral Instability with Medial Patellofemoral Ligament Reconstruction: Pearls and Pitfalls-Lessons Learned from 20 Years.** *J Pers Med* 2023; 13(8). IF 3.4

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* 2023. IF 3.1

Von Rehlingen-Prinz F, Eggeling L, Dehoust J, Hupke C, Strahl A, Neumann-Langen MV, Glaab R, Frosch KH, Krause M: **Current standard of care for distal femur fractures in Germany and Switzerland.** *Injury* 2023; 54(10):110936. IF 2.5

Rippke JN, Burkhardt KJ: [Epicondylitis : Open surgical procedure-when and how for lateral and medial epicondylitis?]. *Orthopadie (Heidelb)* 2023; 52(5):394-403. IF 0.8

**Klinik für Urologie**

Achermann C, Sauer A, Cattaneo M, Walz J, Wyler SF, Kwiatkowski M, Praise LW: **Retrospective Evaluation of a Single Surgeon's Learning Curve of Robot-Assisted Radical Cystectomy with Intracorporeal Urinary Diversion via Ileal Conduit.** *Cancers (Basel)* 2023; 15(15). IF 5.2

Al-Monajed R, Radtke JP, Thomas M, Boschheiden M, Drewes LR, Ullrich T, Rau T, Esposito I, Antoch G, Albers P, Lopez-Cotarelo C, Schimmoller L: **Multiparametric MRI characteristics of prostatitis and atrophy in the peripheral zone in men without prostate cancer.** *Eur J Radiol* 2023; 169:111151. IF 3.3

Anderson CE, Kozomara M, Birkhauser V, Bywater M, Gross O, Kiss S, Knupfer SC, Koschorke M, Leitner L, Mehnert U, Sadri H, Sammer U, Stachele L, Tornic J, Liechti MD, Brinkhof MWG, Kessler TM: **Temporal development of unfavourable urodynamic parameters during the first year after spinal cord injury.** *BJU Int* 2023; 131(4):503-512. IF 6.0

Birkhauser V, Anderson CE, Kozomara M, Bywater M, Gross O, Kiss S, Knupfer SC, Koschorke M, Leitner L, Mehnert U, Sadri H, Sammer U, Stachele L, Tornic J, Liechti MD, Brinkhof MWG, Kessler TM: **Urodynamics Are Essential to Predict the Risk for Upper Urinary Tract Damage after Acute Spinal Cord Injury.** *Biomedicines* 2023; 11(6). IF 4.7

Kozomara M, Birkhauser V, Anderson CE, Bywater M, Gross O, Kiss S, Knupfer SC, Koschorke M, Leitner L, Mehnert U, Sadri H, Sammer U, Stachele L, Tornic J, Brinkhof MWG, Liechti MD, Kessler TM: **Neurogenic Lower Urinary Tract Dysfunction in the First Year After Spinal Cord Injury: A Descriptive Study of Urodynamic Findings.** *J Urol* 2023; 209(1):225-232. IF 6.6

Menges D, Piatti MC, Omlin A, Cathomas R, Benamran D, Fischer S, Iselin C, Kung M, Lorch A, Praise L, Rothermundt C, O'Meara Stern A, Zihler D, Lippuner M, Braun J, Cerny T, Puhan MA: **Patient and General Population Preferences Regarding the Benefits and Harms of Treatment for Metastatic Prostate Cancer: A Discrete Choice Experiment.** *Eur Urol Open Sci* 2023; 51:26-38. IF 2.5

Remmers S, Bangma CH, Godtman RA, Carlsson SV, Auvinen A, Tammela TLJ, Denis LJ, Nelen V, Villers A, Rebillard X, Kwiatkowski M, Recker F, Wyler S, Zappa M, Puliti D, Gorini G, Paez A, Lujan M, Nieboer D, Schroder FH, Roobol MJ: **Relationship Between Baseline Prostate-specific Antigen on Cancer Detection and Prostate Cancer Death: Long-term Follow-up from the European Randomized Study of Screening for Prostate Cancer.** *Eur Urol* 2023; 84(5):503-509. IF 23.4

Stalder SA, Gross O, Anderson CE, Bachmann LM, Baumann S, Birkhauser V, Bywater M, Del Popolo G, Engeler DS, Agro EF, Friedl S, Grilo N, Kiss S, Koschorke M, Leitner L, Liechti MD, Mehnert U, Musco S, Sadri H, Stachele L, Tornic J, van der Lely S, Wyler S, Kessler TM: **bTUNED: transcutaneous tibial nerve stimulation for neurogenic lower urinary tract dysfunction.** *BJU Int* 2023; 132(3):343-352. IF 4.5

**Universitäres Zentrum für Gefäßchirurgie Aarau/Basel**

D'Amico R, Wolff T, Richarz S, Gurke L, Isaak A, Mujagic E: **A Novel Percutaneous Technique for Aorto-Iliac Thrombectomy without the Risk of Embolization.** *Bioengineering (Basel)* 2023; 10(7). IF 4.6

Isaak A, Jorg L, Attigah N, Thalhammer C, Staub D, Aschwanden M, Richarz S: **Practical guide of vascular ultrasound in arterio-venous fistulae.** *Vasa* 2023; 52(1):22-28 IF 1.8

Kingsmore DB, Stevenson KS, Edgar B, Aitken E, Jackson A, Isaak A, Richarz S, Bainbridge L, Stove C, Kashuri R, Thompson PC: **Early-cannulation arteriovenous grafts: Multidisciplinary learning is essential to optimize outcomes.** *J Vasc Access* 2023;11297298231212758. IF 1.9

## BEREICH CHIRURGIE

Kingsmore DB, Stevenson KS, Thomson PC, Kasthuri R, Knight S, Jackson A, Hussey K, Richarz S, Isaak A: **Pre-emptive or reactive treatment, angioplasty or stent-graft? The outcome for interventions for venous stenosis in early-cannulation arterio-venous grafts.** *J Vasc Access* 2023, 24(2):253-260. IF 1.9

Richarz S, Isaak A, Aschwanden M, Partovi S, Staub D: **Pre-procedure imaging planning for dialysis access in patients with end-stage renal disease using ultrasound and upper extremity computed tomography angiography: a narrative review.** *Cardiovasc Diagn Ther* 2023, 13(1):122-132. IF 2.4

Schulte K, Zdoroveac A, Gurke L, Isaak A: **Endovascular maneuvers for contralateral stent graft limb misplacement in endovascular aortic repair.** *Catheter Cardiovasc Interv* 2023, 102(7):1271-1274. IF 2.3

## Viszeralchirurgie

Bauer K, Buchler P, Henne-Bruns D, Manzini G: **Adjuvant gemcitabine after resection of pancreatic cancer without significant difference in overall survival: a retrospective cohort study.** *Ann Med Surg (Lond)* 2023, 85(7):3284-3290. IF 1.7

Bauer K, Henne-Bruns D, Manzini G: **Analysis of the CONKO-001 trial: Is the validity of the study sufficient to recommend adjuvant chemotherapy for pancreatic cancer?** *Int J Risk Saf Med* 2023, 34(1):29-40. IF 1.7

Eichelberger S, Schindera S, Nebiker CA: **Prevention of conversion in posterior retroperitoneal adrenalectomy by measuring pre-operative anatomical conditions on cross-sectional imaging (computerised tomography or magnetic resonance imaging).** *J Minim Access Surg* 2023, 19(1):51-56. IF 0.8

Malagie Polutak M, Hartel M: **A rare case of a sporadic retroperitoneal hemangioblastoma.** *J Surg Case Rep* 2023, 2023(11):rjad629. IF 0.5

Manzini G, Kornmann M, Kremer M: **Medical education during the COVID-19 pandemic: What students missed and what they did not. A questionnaire-based cross-sectional study.** *GMS Interdiscip Plast Reconstr Surg DGPW* 2023, 12:Doc05.

Walker HL, Ghani S, Kuemmerli C, Nebiker CA, Muller BP, Raptis DA, Staubli SM: **Reliability of Medical Information Provided by ChatGPT: Assessment Against Clinical Guidelines and Patient Information Quality Instrument.** *J Med Internet Res* 2023, 25:e47479. IF 7.4

Wildisen A, Peterli R, Werder G, Mueller B, Schuetz P, Kaegi-Braun N, Kutz A: **Rate of Cardiovascular Events and Safety Outcomes Seven Years Following Gastric Bypass Versus Sleeve Gastrectomy.** *Ann Surg Open* 2023, 4(2):e286. IF 1.7

Zucal I, Nebiker CA: **Closed loop ileus caused by a defect in the broad ligament: A case report.** *World J Clin Cases* 2023, 11(5):1182-1187. IF 1.1

Zucal I, Tremp M, Duscher D, Wenny R, Zaussinger M, Kutz A, Pagani A, Huemer GM: **Augmentation-Mastopexy: Analysis of 95 Consecutive Patients and Critical Appraisal of the Procedure.** *J Clin Med* 2023, 12(9). IF 3.9

## BEREICH FRAUEN UND KINDER

### Frauenklinik

Baur Cavegn B, Popelka J, Arioglu S, Todesco Bernasconi M: **Live-Born with a Trisomy 22 Mosaic: A Case Report.** *Ann Case Report* 8: 1405. DOI: 10.29011/2574-7754.101405 IF 4.9

Baur Cavegn B, Popelka J, Arioglu S, Todesco Bernasconi M: **Fetal extra-abdominal umbilical vein varix: Two cases of a rare malformation.** *Open J Clin Med Case Rep.* 2023; 2120. IF 2.1

Bousouni E, Sarlos D: **Lateral extension and attachment of mesh to the lateral vagina during laparoscopic sacrocolpopexy: a modified technique aimed at lowering recurrences in the anterior vaginal compartment. A surgical video.** *Int Urogynecol J* 2023, 34(1):305-308. IF 1.8

Favre G, Maisonneuve E, Pomar L, Daire C, Monod C, Martinez de Tejada B, Quibel T, Todesco-Bernasconi M, Sentilles L, Blume C, Papadia A, Sturm S, Bassler D, Grawe C, Radan AP, Rossier MC, Mathis J, Capoccia-Brugger R, Lepigeon K, Gerbier E, Addor MC, Winterfeld U, Baud D, Panchaud A, group C-P: **Risk of congenital malformation after first trimester mRNA COVID-19 vaccine exposure in pregnancy: the COVI-PREG prospective cohort.** *Clin Microbiol Infect* 2023, 29(10):1306-1312. IF 14.2

## BEREICH CHIRURGIE

Favre G, Maisonneuve E, Pomar L, Daire C, Poncelet C, Quibel T, Monod C, Martinez de Tejada B, Schaffer L, Papadia A, Radan AP, Todesco-Bernasconi M, Ville Y, Voekt CA, Eggel-Hort B, Capoccia-Brunner R, Johann S, Grawe C, Defert S, Mottet N, Kahler CR, Garabedian C, Sentilhes L, Weber B, Leu S, Bassler D, Lepigeon K, Winterfeld U, Panchaud A, Baud D, French, Swiss C-Pg: **Maternal and perinatal outcomes following pre-Delta, Delta, and Omicron SARS-CoV-2 variants infection among unvaccinated pregnant women in France and Switzerland: a prospective cohort study using the COVI-PREG registry.** *Lancet Reg Health Eur* 2023; 26:100569. IF 20.9

Huhn EA, Gobl CS, Fischer T, Todesco Bernasconi M, Kreft M, Kunze M, Vogt DR, Dolzlmuller E, Jaksch-Bogensperger H, Heldstab S, Eppel W, Husslein P, Ochsenbein Kolble N, Richter A, Baz E, Winzeler B, Hoesli I: **Sensitivity, specificity, and diagnostic accuracy of WHO 2013 criteria for diagnosis of gestational diabetes mellitus in low risk early pregnancies: international, prospective, multicentre cohort study.** *BMJ Med* 2023; 2(1):e000330. IF 107.7

Mirzayeva N, Forst S, Passweg D, Geissbuhler V, Simoes-Wust AP, Betschart C: **Bryophyllum pinnatum and Improvement of Nocturia and Sleep Quality in Women: A Multicentre, Nonrandomised Prospective Trial.** *Evid Based Complement Alternat Med* 2023; 2023:2115335.

Tausch C, Daster K, Hayoz S, Matrai Z, Fitzal F, Henke G, Zwahlen DR, Gruber G, Zimmermann F, Andreozzi M, Goldschmidt M, Schulz A, Maggi N, Saccilotto R, Heidinger M, Mueller A, Tampaki EC, Bjelic-Radisic V, Savolt A, Smanyko V, Hagen D, Muller DJ, Gnant M, Loibl S, Markellou P, Bekes I, Egle D, Ruhstaller T, Muenst S, Kuemmel S, Vrieling C, Satler R, Becciolini C, Bucher S, Kurzeder C, Simonson C, Fehr PM, Gabriel N, Maraz R, Sarlos D, Dedes KJ, Leo C, Berclaz G, Fansa H, Hager C, Reisenberger K, Singer CF, Montagna G, Reitsamer R, Winkler J, Lam GT, Fehr MK, Naydina T, Kohlik M, Clerc K, Ostapenko V, Lelievre L, Heil J, Knauer M, Weber WP: **Trends in use of neoadjuvant systemic therapy in patients with clinically node-positive breast cancer in Europe: prospective TAXIS study (OPBC-03, SAKK 23/16, IBCSG 57-18, ABCSG-53, GBG 101).** *Breast Cancer Res Treat* 2023; 201(2):215-225. IF 3.8

Weber WP, Matrai Z, Hayoz S, Tausch C, Henke G, Zimmermann F, Montagna G, Fitzal F, Gnant M, Ruhstaller T, Muenst S, Mueller A, Lelievre L, Heil J, Knauer M, Egle D, Savolt A, Heidinger M, Kurzeder C, Group TSW, Zwahlen DR, Gruber G, Ackermann M, Kuemmel S, Bjelic-Radisic V, Smanyko V, Vrieling C, Satler R, Hagen D, Becciolini C, Bucher S, Simonson C, Fehr PM, Gabriel N, Maraz R, Sarlos D, Dedes KJ, Leo C, Berclaz G, Fansa H, Hager C, Reisenberger K, Singer CF, Loibl S, Winkler J, Lam GT, Fehr MK, Kohlik M, Clerc K, Ostapenko V, Maggi N, Schulz A, Andreozzi M, Goldschmidt M, Saccilotto R, Markellou P: **Association of Axillary Dissection With Systemic Therapy in Patients With Clinically Node-Positive Breast Cancer.** *JAMA Surg* 2023; 158(10):1013-1021. IF 16.9

## Kinderspital

Ardura-Garcia C, Mallet MC, Berger DO, Hoyler K, Jochmann A, Kuhn A, Moeller A, Regamey N, Singer F, Pedersen ESL, Kuehni CE, Team SS: **Predictors of asthma control differ from predictors of asthma attacks in children: The Swiss Paediatric Airway Cohort.** *Clin Exp Allergy* 2023; 53(11):1177-1186. IF 6.1

Bigi S, Ramette A, Barbani MT, Bieri A, Hoffmann A, Aebi C: **Acute flaccid myelitis in Switzerland – association with enterovirus D68.** *Swiss Med Wkly* 2023; 153:40045. IF 2.9

de Jong CCM, Ardura-Garcia C, Pedersen ESL, Mallet MC, Mueller-Suter D, Jochmann A, Singer F, Casaulta CA, Regamey N, Moeller A, Goutaki M, Kuehni CE: **Standardization of Reporting Obstructive Airway Disease in Children: A National Delphi Process.** *J Allergy Clin Immunol Pract* 2023; 11(1):187-194 e186. IF 9.4

Eng P, Bellutti Enders F, Borer M, Carrard A, Eigenmann P, Ferrari G, Helbling A, Hitzler M, Khli A, Kuhn A, Lauener R, Roduit C, Roth M, Schmid-Grendelmeier P, Schnider C, Fuchs O: **Kinder mit Atemwegsallergien – Empfehlungen zur Immuntherapie.** *Swiss Medical Forum Schweizerisches Medizin-Forum* 2023.

Hardin EC, Schmid S, Sommerkamp A, Bodden C, Heipertz AE, Sievers P, Wittmann A, Milde T, Pfister SM, von Deimling A, Horn S, Herz NA, Simon M, Perera AA, Azizi A, Cruz O, Curry S, Van Damme A, Garami M, Hargrave D, Kattamis A, Kotnik BF, Lahteenmaki P, Scheinemann K, Schouten-van Meeteren AYN, Sehested A, Viscardi E, Wormdal OM, Zapotocky M, Ziegler DS, Koch A, Hernaiz Driever P, Witt O, Capper D, Sahm F, Jones DTW, van Tilburg CM: **LOGGIC Core BioClinical Data Bank: Added clinical value of RNA-Seq in an international molecular diagnostic registry for pediatric low-grade glioma patients.** *Neuro Oncol* 2023; 25(11):2087-2097. IF 15.9

Kasteler R, Fuchs P, Otth M, Scheinemann K: **Interventions to improve neurocognitive late-effects in pediatric and adolescent CNS tumor patients and survivors – a systematic review.** *Front Oncol* 2023; 13:1150166. IF 4.7

Kentgens AC, Pusterla O, Bauman G, Santini F, Wyler F, Curdy MS, Willers CC, Bieri O, Latzin P, Ramsey KA: **Simultaneous multiple breath washout and oxygen-enhanced magnetic resonance imaging in healthy adults.** *Respir Med Res* 2023; 83:100993. IF 2.3

**BEREICH FRAUEN UND KINDER**

Kohns Vasconcelos M, Meyer Sauteur PM, Keitel K, Santoro R, Egli A, Coslovsky M, Seiler M, Lura M, Kohler H, Loevy N, Kahlert CR, Heininger U, Van den Anker J, Bielicki JA: **Detection of mostly viral pathogens and high proportion of antibiotic treatment initiation in hospitalised children with community-acquired pneumonia in Switzerland – baseline findings from the first two years of the KIDS-STEP trial.** *Swiss Med Wkly* 2023, 153:40040. IF 2.9

Lacerda A, Martinez MA, Dumont B, Leiss U, Kokkinou G, Scheinemann K, Craig F: **Embracing paediatric palliative care in paediatric oncology from diagnosis onwards.** *Pediatr Blood Cancer* 2023, 70(10):e30561. IF 3.2

Legeret C, Kutz A, Jessica B, Mundwiler E, Kohler H, Bernasconi L: **Prevalence of markers of beta cell autoimmunity and thyroid disease in children with coeliac disease.** *BMC Pediatr* 2023, 23(1):468. IF 2.4

Legeret C, Lohmann C, Furlano RI, Kohler H: **Food intolerances in children and adolescents in Switzerland.** *Eur J Pediatr* 2023, 182(2):867-875. IF 3.6

Ludyga S, Hanke M, Leuenberger R, Bruggisser F, Puhse U, Gerber M, Lemola S, Capone-Mori A, Keutler C, Brotzmann M, Weber P: **Martial Arts and Cognitive Control in Children with Attention-Deficit Hyperactivity Disorder and Children Born Very Preterm: A Combined Analysis of Two Randomized Controlled Trials.** *Med Sci Sports Exerc* 2023, 55(5):777-786. IF 4.1

Meyer Sauteur PM, Beeton ML, European Society of Clinical M, Infectious Diseases Study Group for M, Chlamydia I, the EMPSsG: **Mycoplasma pneumoniae: delayed re-emergence after COVID-19 pandemic restrictions.** *Lancet Microbe* 2023. IF 38.2

Papp K, Speth BM, Camathias C: **Clinical Insights into the Treatment of Patellofemoral Instability with Medial Patellofemoral Ligament Reconstruction: Pearls and Pitfalls-Lessons Learned from 20 Years.** *J Pers Med* 2023, 13(8). IF 3.4

Pirson L, Luer SC, Diezi M, Kroiss S, Brazzola P, Schilling FH, von der Weid N, Scheinemann K, Greiner J, Zuzak TJ, von Bueren AO: **Pediatric oncologists' perspectives on the use of complementary medicine in pediatric cancer patients in Switzerland: A national survey-based cross-sectional study.** *Cancer Rep (Hoboken)* 2023, 6(1):e1649. IF 1.7

Radauer-Plank AC, Diesch-Furlanetto T, Schneider M, Sommerhauser G, Friedrich LA, Salow V, Dulberg J, Diepold M, Rovo A, Njue LM, Drexler B, Infanti L, Kroiss S, Merki R, Scheinemann K, Eisenreich B, Hegemann I, Mandic L, Kager L, Borgmann-Staudt A, Schilling R, Roll S, Balcerik M: **Desire for biological parenthood and patient counseling on the risk of infertility among adolescents and adults with hemoglobinopathies.** *Pediatr Blood Cancer* 2023, 70(7):e30359. IF 3.2

Schlapbach LJ, Goertz S, Hagenbuch N, Aubert B, Papis S, Giannoni E, Posfay-Barbe KM, Stocker M, Heininger U, Bernhard-Stirnemann S, Niederer-Loher A, Kahlert 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* 2023. IF 4.1

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* 2023. IF 5.9

Streibel C, Willers CC, Pusterla O, Bauman G, Stranzinger E, Brabandt B, Bieri O, Curdy M, Bullo M, Frauchiger BS, Korten I, Kruger L, Casaulta C, Ratjen F, Latzin P, Kieninger E: **Effects of elexacaftor/tezacaftor/ivacaftor therapy in children with cystic fibrosis - a comprehensive assessment using lung clearance index, spirometry, and functional and structural lung MRI.** *J Cyst Fibros* 2023, 22(4):615-622. IF 5.2

Trama A, Stark D, Bozovic-Spasojevic I, Gaspar N, Peccatori F, Toss A, Bernasconi A, Quarello P, Scheinemann K, Jezdic S, Blondeel A, Mountzios G, Bielack S, Saloustros E, Ferrari A: **Cancer burden in adolescents and young adults in Europe.** *ESMO Open* 2023, 8(1):100744. IF 7.3

Tramsen L, Bochenek K, Sparber-Sauer M, Salzmann-Manrique E, Scheer M, Dantonello T, Borkhardt A, Dirksen U, Thorwarth A, Greiner J, Ebinger M, Weclawek-Tompol J, Ladenstein R, Ljungman G, Hallmen E, Lehrnbecher T, Koscielniak E, Klingebiel T: **Pediatric Patients with Stage IV Rhabdomyosarcoma Significantly Benefit from Long-Term Maintenance Therapy: Results of the CWS-IV 2002 and the CWS DOK IV 2004-Trials.** *Cancers (Basel)* 2023, 15(7). IF 5.2

Welzel T, Atkinson A, Schobi N, Andre MC, Bailey DGN, Blanchard-Rohner G, Buettcher M, Grazioli S, Koehler H, Perez MH, Truck J, Vanoni F, Zimmermann P, Sanchez C, Bielicki JA, Schlapbach LJ, Swissped RTG: **Methylprednisolone versus intravenous immunoglobulins in children with paediatric inflammatory multisystem syndrome temporally associated with SARS-CoV-2 (PIMS-TS): an open-label, multicentre, randomised trial.** *Lancet Child Adolesc Health* 2023, 7(4):238-248. IF 36.4

Wurm J, Uka A, Bernet V, Buettcher M, Giannoni E, Kottanattu L, Schobi N, Zemmouri A, Ritz N, Zimmermann P, Swiss Paediatric Surveillance U: **The changing clinical presentation of COVID-19 in children during the course of the pandemic.** *Acta Paediatr* 2023. IF 3.8

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

de Mul N, Verlaan D, Ruurda JP, van Grevenstein WMU, Hagendoorn J, de Borst GJ, Vriens MR, de Bree R, Zweemer RP, Vogely C, Haitsma Mulier JLG, Vernooij LM, Reitsma JB, de Zoete MR, Top J, Kluijtmans JAJ, Hoefer IE, Noordzij P, Rettig T, Marsman M, de Smet A, Derde L, van Waes J, Rijsdijk M, Schellekens WJM, Bonten MJM, Slooter AJC, Cremer OL: **Cohort profile of PLUTO: a perioperative biobank focusing on prediction and early diagnosis of postoperative complications.** *BMJ Open* 2023, 13(4):e068970. IF 2.9

Gualandro DM, Puelacher C, Chew MS, Andersson H, Lurati Buse G, Glarner N, Mueller D, Cardozo FAM, Burri-Winkler K, Mork C, Wussler D, Shrestha S, Heidelberger I, Falt M, Hidvegi R, Bolliger D, Lampart A, Steiner LA, Scharen S, Kindler C, Gurke L, Rikli D, Lardinois D, Osswald S, Buser A, Caramelli B, Mueller C, Investigators B-P: **Acute heart failure after non-cardiac surgery: incidence, phenotypes, determinants and outcomes.** *Eur J Heart Fail* 2023, 25(3):347-357. IF 18.2

Huber M, Greif R, Pedersen TH, Theiler L, Kleine-Brueggeney M: **Risk patterns of consecutive adverse events in airway management: a Bayesian network analysis.** *Br J Anaesth* 2023, 130(3):368-378. IF 9.8

Meister R, Puelacher C, Glarner N, Gualandro DM, Andersson HA, Pargger M, Hure G, Virant G, Bolliger D, Lampart A, Steiner L, Hidvegi R, Lurati Buse G, Kindler C, Gurke L, Mujagic E, Schaeren S, Clauss M, Lardinois D, Hammerer-Lercher A, Chew M, Mueller C, Investigators B-P: **Prediction of perioperative myocardial infarction/injury in high-risk patients after noncardiac surgery.** *Eur Heart J Acute Cardiovasc Care* 2023, 12(11):729-739. IF 4.1

Petrowski K, Malkewitz CP, Schoniger C, Frank M, Theiler L: **Stress of emergency physicians during helicopter operations: impact of patients' diagnoses, severity of diagnoses, and physicians' work experience.** *BMC Emerg Med* 2023, 23(1):20. IF 2.5

Puelacher C, Gualandro DM, Glarner N, Lurati Buse G, Lampart A, Bolliger D, Steiner LA, Grossenbacher M, Burri-Winkler K, Gerhard H, Kappos EA, Clerc O, Biner L, Zivzividze Z, Kindler C, Hammerer-Lercher A, Filipovic M, Clauss M, Gurke L, Wolff T, Mujagic E, Bilici M, Cardozo FA, Osswald S, Caramelli B, Mueller C, Investigators B-P: **Long-term outcomes of perioperative myocardial infarction/injury after non-cardiac surgery.** *Eur Heart J* 2023, 44(19):1690-1701. IF 39.3

Riva T, Engelhardt T, Basciani R, Bonfiglio R, Cools E, Fuchs A, Garcia-Marcinkiewicz AG, Greif R, Habre W, Huber M, Petre MA, von Ungern-Sternberg BS, Sommerfield D, Theiler L, Disma N, Collaboration O: **Direct versus video laryngoscopy with standard blades for neonatal and infant tracheal intubation with supplemental oxygen: a multicentre, non-inferiority, randomised controlled trial.** *Lancet Child Adolesc Health* 2023, 7(2):101-111. IF 36.4

Schweizer T, Hartwich V, Riva T, Kaiser H, Theiler L, Greif R, Nabecker S: **Limitations of transcutaneous carbon dioxide monitoring in apneic oxygenation.** *PLoS One* 2023, 18(6):e0286038. IF 3.7

**Intensivmedizin**

Granholm A, Munch MW, Andersen-Ranberg N, Myatra SN, Vijayaraghavan BKT, Venkatesh B, Jha V, Wahlin RR, Jakob SM, Cioccarri L, Moller MH, Perner A: **Heterogeneous treatment effects of dexamethasone 12 mg versus 6 mg in patients with COVID-19 and severe hypoxaemia—Post hoc exploratory analyses of the COVID STEROID 2 trial.** *Acta Anaesthesiol Scand* 2023, 67(2):195-205. IF 2.1

Martensson J, Cutuli SL, Osawa EA, Yanase F, Toh L, Cioccarri L, Luethi N, Maeda A, Bellomo R: **Sodium glucose co-transporter-2 inhibitors in intensive care unit patients with type 2 diabetes: a pilot case control study.** *Crit Care* 2023, 27(1):189. IF 15.1

Moser A, Wagner S, Habegger K, Cioccarri L, Tosetti S: **From the Operating Room to the Cave: Ultrasound-Guided Locoregional Anesthesia in the Setting of Cave Rescue—A Description of 2 Cases.** *Wilderness Environ Med* 2023, 34(4):553-557. IF 2.1

**BEREICH PFLEGE UND MTTD****Pflege**

Faessler L, Kofler S, Wenke-Zobler J, Brunner C, Schafer-Keller P, De Geest S, Schubert M, Regez K, Schuetz P, Mueller B, Conca A: **The use of nurse-led care intervention to improve self-care abilities subsequently decreasing readmission in multimorbid hospitalized patients: A quasi-experimental study in a real-world setting.** *Nurs Open* 2023, 10(6):3787-3798. IF 2.3

Hauser C, Stahl J, Simon M, Valenta S, Favez L, Zuniga F: **Identifying work-related factors associated with work-family conflict of care workers in nursing homes: A cross-sectional study.** *J Adv Nurs* 2023, 79(10):3935-3945. IF 3.8

Scharer V, Meier MT, Schuepbach RA, Zinkernagel AS, Boumasmoud M, Chakrakodi B, Brugger SD, Frohlich MR, Wolfensberger A, Sax H, Kuster SP, Schreiber PW: **An intensive care unit outbreak with multi-drug-resistant *Pseudomonas aeruginosa* – spotlight on sinks.** *J Hosp Infect* 2023, 139:161-167. IF 6.9

Stahl J, Hauser C, Simon M, Valenta S, Favez L, Zuniga F: **Institutional Factors Associated with Residents' Malnutrition in Nursing Homes: A Cross-Sectional Study.** *J Am Med Dir Assoc* 2023, 24(7):1074-1081. IF 7.6

## BEREICH ZENTRALE MEDIZINISCHE DIENSTE

## Institut für Labormedizin

Addetia A, Piccoli L, Case JB, Park YJ, Beltramello M, Guarino B, Dang H, de Melo GD, Pinto D, Sprouse K, Scheaffer SM, Bassi J, Silacci-Fregni C, Muoio F, Dini M, Vincenzetti L, Acosta R, Johnson D, Subramanian S, Saliba C, Giordanella M, Lombardo G, Leoni G, Culap K, McAlister C, Rajesh A, Dellota E, Jr., Zhou J, Farhat N, Bohan D, Noack J, Chen A, Lempp FA, Quispe J, Kergoat L, Larrous F, Cameroni E, Whitener B, Giannini O, Cippa P, Ceschi A, Ferrari P, Franzetti-Pellanda A, Biggiogero M, Garzoni C, Zappi S, Bernasconi L, Kim MJ, Rosen LE, Schnell G, Czudnochowski N, Benigni F, Franko N, Logue JK, Yoshiyama C, Stewart C, Chu H, Bourhy H, Schmid MA, Purcell LA, Snell G, Lanzavecchia A, Diamond MS, Corti D, Veesler D: **Neutralization, effector function and immune imprinting of Omicron variants.** *Nature* 2023, 621(7979):592-601. IF 64.8

Babouee Flury B, Bosch A, Gisler V, Egli A, Seiffert SN, Nolte O, Findlay J: **Multifactorial resistance mechanisms associated with resistance to ceftazidime-avibactam in clinical *Pseudomonas aeruginosa* isolates from Switzerland.** *Front Cell Infect Microbiol* 2023, 13:1098944. IF 5.7

Badertscher P, du Fay de Lavallaz J, Hammerer-Lercher A, Mueller C, Investigators BI: **Clinical Utility of D-Dimer for Rule-Out or Rule-In of Venous Thromboembolism in Syncope.** *J Cardiovasc Transl Res* 2023, 16(2):427-429. IF 3.4

Bernasconi L, Neyer P, Oberle M, Schmid B, Martin E, Fankhauser H, Haubitz S, Hammerer-Lercher A: **Efficiency evaluation of a SARS-CoV-2 diagnostic strategy combining high throughput quantitative antigen immunoassay and real time PCR.** *Clin Chem Lab Med* 2023, 61(9):1661-1669. IF 6.8

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* 2023. IF 10.1

Burger A, Studt JD, Mendez A, Alberio L, Fontana P, Wuillemin WA, Schmidt A, Graf L, Gerber B, Bovet C, Sauter TC, Binder NB, Nagler M: **Determination of Anti-Xa Inhibitor Plasma Concentrations Using a Universal Edoxaban Calibrator.** *Diagnostics (Basel)* 2023, 13(12). IF 3.6

Cuenod A, Aerni M, Bagutti C, Bayraktar B, Boz ES, Carneiro CB, Casanova C, Coste AT, Damborg P, van Dam DW, Demirci M, Dre-vinek P, Dubuis O, Fernandez J, Greub G, Hrabak J, Hurkal Yigitler G, Hurych J, Jensen TG, Jost G, Kampinga GA, Kittl S, Lammens C, Lang C, Lienhard R, Logan J, Maffioli C, Marekovic I, Marschal M, Moran-Gilad J, Nolte O, Oberle M, Pedersen M, Pfluger V, Pranghofer S, Reichl J, Rentenaar RJ, Riat A, Rodriguez-Sanchez B, Schilt C, Schlotterbeck AK, Schrenzel J, Troib S, Willems E, Wootton M, Ziegler D, Egli A, group Es: **Quality of MALDI-TOF mass spectra in routine diagnostics: results from an international external quality assessment including 36 laboratories from 12 countries using 47 challenging bacterial strains.** *Clin Microbiol Infect* 2023, 29(2):190-199. IF 14.2

Hammerer-Lercher A, Nilius H, Studt JD, Tsakiris DA, Greinacher A, Mendez A, Schmidt A, Wuillemin WA, Gerber B, Kremer Hovinga JA, Vishnu P, Graf L, Bakchoul T, Nagler M: **Limited concordance of heparin/platelet factor 4 antibody assays for the diagnosis of heparin-induced thrombocytopenia: an analysis of the TORADI-HIT study.** *J Thromb Haemost* 2023, 21(9):2559-2568. IF 10.4

Koechlin L, Boeddinghaus J, Lopez-Ayala P, Nestelberger T, Wussler D, Mais F, Twerenbold R, Zimmermann T, Wildi K, Koppen AM, Miro O, Martin-Sanchez FJ, Kawecki D, Geigy N, Keller DL, Christ M, Buser A, Gimenez MR, Bernasconi L, Hammerer-Lercher A, Mueller C, investigators A: **Diagnostic discrimination of a novel high-sensitivity cardiac troponin I assay and derivation/validation of an assay-specific 0/1h-algorithm.** *Am Heart J* 2023, 255:58-70. IF 4.8

Legeret C, Kutz A, Jessica B, Mundwiler E, Kohler H, Bernasconi L: **Prevalence of markers of beta cell autoimmunity and thyroid disease in children with coeliac disease.** *BMC Pediatr* 2023, 23(1):468. IF 2.4

Matarraz S, Leo P, Yeguas-Bermejo A, van der Velden V, Bras AE, Sanchez Gallego JL, Lecrevisse Q, Ayala-Bueno R, Teodosio C, Criado I, Gonzalez-Gonzalez M, Flores-Montero J, Avendano A, Vidriales MB, Chillon MC, Gonzalez T, Garcia-Sanz R, Prieto Conde MI, Villamor N, Magnano L, Colado E, Fernandez P, Sonneveld E, Philippe J, Reiterova M, Caballero Berrocal JC, Diaz-Galvez FJ, Ramos F, Davila Valls J, Manjon Sanchez R, Solano Tovar J, Calvo X, Garcia Alonso L, Arenillas L, Alonso S, Fonseca A, Quiros Caso C, van Dongen JJM, Orfao A: **Baseline immunophenotypic profile of bone marrow leukemia cells in acute myeloid leukemia with nucleophosmin-1 gene mutation: a EuroFlow study.** *Blood Cancer J* 2023, 13(1):132. IF 12.8

Meister R, Puelacher C, Glarner N, Gualandro DM, Andersson HA, Pargger M, Hure G, Virant G, Bolliger D, Lampart A, Steiner L, Hidvegi R, Lurati Buse G, Kindler C, Gurke L, Mujagic E, Schaeren S, Clauss M, Lardinois D, Hammerer-Lercher A, Chew M, Mueller C, Investigators B-P: **Prediction of perioperative myocardial infarction/injury in high-risk patients after noncardiac surgery.** *Eur Heart J Acute Cardiovasc Care* 2023, 12(11):729-739. IF 4.1

## BEREICH ZENTRALE MEDIZINISCHE DIENSTE

Neyer PJ, Kabore B, Nakas CT, Hartmann B, Post A, Diallo S, Tinto H, Hammerer-Lercher A, Largiader CR, van der Ven AJ, Huber AR: **Exploring the host factors affecting asymptomatic Plasmodium falciparum infection: insights from a rural Burkina Faso study.** *Malar J* 2023, 22(1):252. IF 3.0

Nickler M, Stampf S, Bernasconi L, Segerer S, Blum CA, Kim MJ: **Performance of synacthen test in chronic hemodialysis patients.** *BMC Nephrol* 2023, 24(1):330. IF 2.3

Nilius H, Cuker A, Haug S, Nakas C, Studt JD, Tsakiris DA, Greinacher A, Mendez A, Schmidt A, Wuillemin WA, Gerber B, Kremer Hovinga JA, Vishnu P, Graf L, Kashev A, Sznitman R, Bakchoul T, Nagler M: **A machine-learning model for reducing misdiagnosis in heparin-induced thrombocytopenia: A prospective, multicenter, observational study.** *EClinicalMedicine* 2023, 55:101745. IF 15.1

Papa S, Ortolani C, Fernandez P, O'Connor JE: **Flow Cytometry and Its Applications to Molecular Biology and Diagnosis 2.0.** *Int J Mol Sci* 2023, 24(22). IF 5.6

Puelacher C, Gualandro DM, Glarner N, Lurati Buse G, Lampart A, Bolliger D, Steiner LA, Grossenbacher M, Burri-Winkler K, Gerhard H, Kappos EA, Clerc O, Biner L, Zivzividze Z, Kindler C, Hammerer-Lercher A, Filipovic M, Clauss M, Gurke L, Wolff T, Mujagic E, Bilici M, Cardozo FA, Osswald S, Caramelli B, Mueller C, Investigators B-P: **Long-term outcomes of perioperative myocardial infarction/injury after non-cardiac surgery.** *Eur Heart J* 2023, 44(19):1690-1701. IF 39.3

Spennato U, Siegwart J, Hartmann B, Fischer EJ, Bracco C, Capraro J, Mueller B, Schuetz P, Jehle AW, Struja T: **Barakat syndrome diagnosed decades after initial presentation.** *Endocrinol Diabetes Metab Case Rep* 2023, 2023(4). IF 0.9

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* 2023. IF 3.4

Zappi S, Bernasconi L, Fischer I, Hoxha E, Wiech T, Minzer A, Irani S, Moosmann P, Kim MJ: **Lesson for the clinical nephrologist: thrombospondin type-1 domain-containing protein 7A-associated membranous nephropathy and Fanconi syndrome in a patient with a squamous cell lung cancer.** *J Nephrol* 2023, 36(8):2395-2399. IF 3.4

## Institut für Pathologie

Berezowska S, Cathomas G, Grobholz R, Henkel M, Jochum W, Koelzer VH, Kreutzfeldt M, Mertz KD, Rossle M, Soldini D, Zlobec I, Janowczyk A: **Digital image analysis and artificial intelligence in pathology diagnostics-the Swiss view.** *Pathologie (Heidelb)* 2023, 44(Suppl 3):222-224. IF 1.0

Frei AL, Oberson R, Baumann E, Perren A, Grobholz R, Lugli A, Dawson H, Abbet C, Lertxundi I, Reinhard S, Mookhoek A, Feichtinger J, Sarro R, Gadiant G, Dommann-Scherrer C, Barizzi J, Berezowska S, Glatz K, Dertinger S, Banz Y, Schoenegg R, Rubbia-Brandt L, Fleischmann A, Saile G, Mainil-Varlet P, Biral R, Giudici L, Soltermann A, Chaubert AB, Stadlmann S, Diebold J, Egervari K, Beniere C, Saro F, Janowczyk A, Zlobec I: **Pathologist Computer-Aided Diagnostic Scoring of Tumor Cell Fraction: A Swiss National Study.** *Mod Pathol* 2023, 36(12):100335. IF 7.5

Gallon J, Rodriguez-Calero A, Benjak A, Akhoundova D, Maletti S, Amstutz U, Hewer E, Genitsch V, Fleischmann A, Rushing EJ, Grobholz R, Fischer I, Jochum W, Cathomas G, Osunkoya AO, Bubendorf L, Moch H, Thalmann G, Feng FY, Gillessen S, Ng CKY, Rubin MA, Piscuoglio S: **DNA Methylation Landscapes of Prostate Cancer Brain Metastasis Are Shaped by Early Driver Genetic Alterations.** *Cancer Res* 2023, 83(8):1203-1213. IF 11.2

Grobholz R, Janowczyk A, Frei AL, Kreutzfeldt M, Koelzer VH, Zlobec I: **National digital pathology projects in Switzerland: A 2023 update.** *Pathologie (Heidelb)* 2023, 44(Suppl 3):225-228. IF 1.0

Gruter BE, Canzanella G, Hagler J, Rey J, Wanderer S, von Gunten M, Galvan JA, Grobholz R, Widmer HR, Remonda L, Andereggen L, Marbacher S: **Topographic distribution of inflammation factors in a healing aneurysm.** *J Neuroinflammation* 2023, 20(1):182. IF 9.3

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* 2023. IF 3.5

Menna F, Billia F, Papazoglou A, Tschoopp M, Grobholz R: **Unusual Masquerading Infraorbital Mass-A Case Report of Human Ocular Dirofilariasis Found in A Ukrainian Patient in Switzerland.** *Pathogens* 2023, 12(8). IF 3.7

Zappi S, Bernasconi L, Fischer I, Hoxha E, Wiech T, Minzer A, Irani S, Moosmann P, Kim MJ: **Lesson for the clinical nephrologist: thrombospondin type-1 domain-containing protein 7A-associated membranous nephropathy and Fanconi syndrome in a patient with a squamous cell lung cancer.** *J Nephrol* 2023, 36(8):2395-2399. IF 3.4

## BEREICH ZENTRALE MEDIZINISCHE DIENSTE

Zhou Y, Koyuncu C, Lu C, Grobholz R, Katz I, Madabhushi A, Janowczyk A: **Multi-site cross-organ calibrated deep learning (Mu-SCID): Automated diagnosis of non-melanoma skin cancer.** *Med Image Anal* 2023, 84:102702. IF 10.9

Kienzler JC, Hidalgo TE, Wichmann W, Magagna-Poveda A, Fandino J: **Lumbar Epidural Cavernous Hemangioma: A Case Report and Review of the Literature.** *Cureus* 2023, 15(1):e33677. IF 1.2

### Institut für Radiologie

Baumgartner A, Olpe T, Griot S, Mentil N, Staub N, Burn F, Schindera S, Kaegi-Braun N, Trbolet P, Hoess C, Pavlicek V, Bilz S, Sigrist S, Brandle M, Henzen C, Thomann R, Rutishauser J, Aujesky D, Rodondi N, Donze J, Stanga Z, Mueller B, Schuetz P: **Association of CT-based diagnosis of sarcopenia with prognosis and treatment response in patients at risk of malnutrition – A secondary analysis of the Effect of early nutritional support on Frailty, Functional Outcomes, and Recovery of malnourished medical inpatients Trial (EFFORT) trial.** *Clin Nutr* 2023, 42(2):199–207. IF 6.3

Eichelberger S, Schindera S, Nebiker CA: **Prevention of conversion in posterior retroperitoneal adrenalectomy by measuring pre-operative anatomical conditions on cross-sectional imaging (computerised tomography or magnetic resonance imaging).** *J Minim Access Surg* 2023, 19(1):51–56. IF 0.8

Elfgren C, Leo C, Kubik-Huch RA, Muenst S, Schmidt N, Quinn C, McNally S, van Diest PJ, Mann RM, Bago-Horvath Z, Bernathova M, Regitnig P, Fuchsberger M, Schwegler-Guggemos D, Maranta M, Zehbe S, Tausch C, Guth U, Fallenberg EM, Schrading S, Kothari A, Sonnenschein M, Kampmann G, Kulka J, Tille JC, Korner M, Decker T, Lax SF, Daniaux M, Bjelic-Radisic V, Kacerovsky-Strobl S, Condorelli R, Gnant M, Varga Z: **Third International Consensus Conference on lesions of uncertain malignant potential in the breast (B3 lesions).** *Virchows Arch* 2023, 483(1):5–20. IF 3.5

Gross CF, Jungblut L, Schindera S, Messerli M, Fretz V, Frauenfelder T, Martini K: **Comparability of Pulmonary Nodule Size Measurements among Different Scanners and Protocols: Should Diameter Be Favorized over Volume?** *Diagnostics (Basel)* 2023, 13(4). IF 3.6

Mueller L, Mentil N, Staub N, Griot S, Olpe T, Burn F, Schindera S, Mueller B, Schuetz P, Stanga Z, Baumgartner A: **Association of Thoracic Skeletal Muscle Index with Clinical Outcome and Response to Nutritional Interventions in Patients at Risk of Malnutrition—Secondary Analysis of a Randomized Trial.** *Nutrients* 2023, 15(4). IF 5.9

Sartoretti E, Largiader S, Sartoretti T, Laures S, Walter MA, Monti E, Fuchsler I, Dettling M, Pfister S, Dubsky P, Ort A, Sartoretti-Schefer S, Meissnitzer M, Hergan K, Forstner R, Mattoori S, Bech-Hohenberger R, Froehlich JM, Plumecke T, Harder D, Koh DM, Gutzeit A: **Understanding the needs of women undergoing breast ultrasound: Are male radiologists still needed?** *PLoS One* 2023, 18(11):e0291007. IF 3.7

Schmiady MO, Cesnjevar R, Yakupoglu Y, Adjibodou OB, Spirig A, Bettex D, Meier L, Carrel T: **Anomalous Origin of Left Circumflex Coronary Artery From Right Pulmonary Artery: An Unusual Cause of Sudden Cardiac Arrest.** *World J Pediatr Congenit Heart Surg* 2023, 14(3):399–402. IF 0.9

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, Szczykutowicz TP: **Large variation in radiation dose for routine abdomen CT: reasons for excess and easy tips for reduction.** *Eur Radiol* 2023. IF 5.9

Zaccaria L, Stranzinger E, Xydias T, Schaederlin S, Ziebarth K, Truck M, Sommer-Joergensen V, Aufdenblatten C, Klimek PM: **Partial Remodeling after Conservative Treatment of Trampoline Fractures in Children.** *Children (Basel)* 2023, 10(2). IF 2.4

### Neuroradiologie

Akkurt BH, Wanderer S, Schwyzer L, Berberat J, Henssen D, Sartoretti T, Sartoretti E, Musigmann M, Brokinkel B, Stummer W, Heindel W, Remonda L, Manni M: **Predicting Meningioma Resection Status: Use of Deep Learning.** *Acad Radiol* 2023, 30(7):1232–1237. IF 4.8

Andree D, Thanabalasingam A, Teubner J, Fahrni M, Potthast S: **Diagnostic Value of Computed Tomography Angiography in Suspected Acute Ischemic Stroke Patients With Respect to National Institutes of Health Stroke Scale Score.** *J Comput Assist Tomogr* 2023, 47(4):666–670. IF 1.3

Berberat J, Anderegg L, Gruber P, Hausmann O, Reza Fathi A, Remonda L: **A Diagnostic Biomarker for Cervical Myelopathy Based on Dynamic Magnetic Resonance Imaging.** *Spine (Phila Pa 1976)* 2023, 48(15):1041–1046. IF 3.0

Boillat G, Franssen T, Wanderer S, Rey J, Casoni D, Anderegg L, Marbacher S, Gruter BE: **Anatomical Variations of the Common Carotid Arteries and Neck Structures of the New Zealand White Rabbit and Their Implications for the Development of Preclinical Extracranial Aneurysm Models.** *Brain Sci* 2023, 13(2). IF 3.333

Coray RC, Berberat J, Zimmermann J, Seifritz E, Stock AK, Beste C, Cole DM, Unschuld PG, Quednow BB: **Striatal Iron Deposition in Recreational MDMA (Ecstasy) Users.** *Biol Psychiatry Cogn Neurosci Neuroimaging* 2023, 8(9):956–966. IF 5.9

**BEREICH ZENTRALE MEDIZINISCHE DIENSTE**

- Diepers M, Gruber P, Remonda L, Berberat J: Case report: **Experience with the Cube Navigation System in complex access routes during CT-guided lumbosacral infiltration therapy.** *Front Surg* 2023, 10:1093964. IF 1.8
- Dietz N, Gruter BE, Haegler J, Cho SK, Tubbs RS, Spiessberger A: **The modified occipital condyle screw: A quantitative anatomic study investigating the feasibility of a novel instrumented fixation technique for craniocervical fusion.** *J Craniovertebr Junction Spine* 2023, 14(2):175-180. IF 1.1
- Gruber P, Valbuena P, Sassenburg R, Anon J, Anderegg L, Berberat J, Remonda L: **Anatomical distribution and clinical significance of middle cerebral artery M2 segment vessel occlusions and its cortical branches in acute ischaemic stroke patients.** *BMJ Neurol Open* 2023, 5(2):e000450. IF 2.7
- Gruter BE, Anderegg L: **Growing Fat Tissue After Grafting for Dural Sealing.** *World Neurosurg* 2023, 170:236-237. IF 2
- Gruter BE, Canzanella G, Hagler J, Rey J, Wanderer S, von Gunten M, Galvan JA, Grobholz R, Widmer HR, Remonda L, Anderegg L, Marbacher S: **Topographic distribution of inflammation factors in a healing aneurysm.** *J Neuroinflammation* 2023, 20(1):182. IF 9.3
- Gruter BE, Wanderer S, Anderegg L, Tortora A, Gruber P, Anon J, Diepers M, Schubert G, Remonda L, Marbacher S: **Incidence and Outcome of Peri-interventional Vasospasm During Endovascular or Microsurgical Treatment of Unruptured Intracranial Aneurysms.** *Neurosurgery* 2023, 92(3):599-606. IF 4.8
- Gruter BE: **Current Methods In Preclinical Aneurysm Models.** *J Vis Exp* 2023(199).
- Jost JN, Irmak Y, Gruter B, Tortora A, Marbacher S, Musahl C, Schubert GA, Anderegg L, Wanderer S: **Safety and functional outcome analysis of ventriculoperitoneal shunt placement for hydrocephalus within the critical phase of possible delayed cerebral ischemia after aneurysmal subarachnoid hemorrhage.** *Neurosurg Rev* 2023, 46(1):302. IF 2.8
- Marbacher S, Anderegg L, Schubert GA, Gruter BE: **Is there any risk for recurrence of a completely clipped intracranial aneurysm?** *Neurosurg Rev* 2023, 46(1):242. IF 2.8
- Marnat G, Kaesmacher J, Buetikofer L, Sibon I, Saleme S, Pop R, Henon H, Michel P, Mazighi M, Kulcsar Z, Janot K, Machi P, Pikula A, Gentric JC, Hernandez-Perez M, Krause LU, Turc G, Liebeskind DS, Gralla J, Fischer U, investigators S-D: **Interaction between intravenous thrombolysis and clinical outcome between slow and fast progressors undergoing mechanical thrombectomy: a post-hoc analysis of the SWIFT-DIRECT trial.** *J Neurointerv Surg* 2023, 16(1):45-52. IF 4.9
- Maulucci F, Disanto G, Bianco G, Pileggi M, Fischer U, Padlina G, Strambo D, Michel P, Kahles T, Nedeltchev K, Fisch U, Bonati L, Kagi G, Escribano Paredes JB, Carrera E, Nyffeler T, Bolognese M, Wegener S, Luft A, Schelosky L, Medlin F, von Reding A, Peters N, Renaud S, Mono ML, Remonda L, Machi P, Psychogios MN, Kaesmacher J, Mordasini P, Cereda CW: **Endovascular therapy outcome in isolated posterior cerebral artery occlusion strokes: A multicenter analysis of the Swiss Stroke Registry.** *Eur Stroke J* 2023, 8(2):575-580. IF 6.1
- Ntoulias N, Brehm A, Tsogkas I, Jesser J, Caragliano AA, Demerath T, van Es A, Gruber P, Vega P, Lutich A, Nayak S, Fandino E, Ribo M, Rodriguez Paz CM, Mohlenbruch MA, Tessitore A, Remonda L, Murias E, Blackham KA, Psychogios MN: **Initial Experience with the Solitaire X 3 mm Stent Retriever for the Treatment of Distal Medium Vessel Occlusions.** *J Clin Med* 2023, 12(23). IF 3.9
- Roethlisberger M, Aghlmandi S, Rychen J, Chiappini A, Zumofen DW, Bawarjan S, Stienen MN, Fung C, D'Alonzo D, Maldaner N, Steinsiepe VK, Corniola MV, Goldberg J, Cianfoni A, Robert T, Maduri R, Saliou G, Starnoni D, Weber J, Seule MA, Gralla J, Bervini D, Kulcsar Z, Burkhardt JK, Bozinov O, Remonda L, Marbacher S, Lovblad KO, Psychogios M, Bucher HC, Mariani L, Bijlenga P, Blackham KA, Guzman R, Swiss SOSg: **Impact of Very Small Aneurysm Size and Anterior Communicating Segment Location on Outcome after Aneurysmal Subarachnoid Hemorrhage.** *Neurosurgery* 2023, 92(2):370-381. IF 4.8
- Rossinelli D, Killer HE, Meyer P, Knott G, Fourestey G, Kurtcuoglu V, Kohler C, Gruber P, Remonda L, Neutzner A, Berberat J: **Large-scale morphometry of the subarachnoid space of the optic nerve.** *Fluids Barriers CNS* 2023, 20(1):21. IF 7.3
- Todea AR, Melie-Garcia L, Barakovic M, Cagol A, Rahmazadeh R, Galbusera R, Lu PJ, Weigel M, Ruberte E, Radue EW, Schadelin S, Benkert P, Oezguer Y, Sinnecker T, Muller S, Achtnichts L, Vehoff J, Disanto G, Findling O, Chan A, Salmen A, Pot C, Lalive P, Bridel C, Zecca C, Derfuss T, Remonda L, Wagner F, Vargas M, Du Pasquier R, Pravata E, Weber J, Gobbi C, Leppert D, Wuerfel J, Kober T, Marechal B, Corredor-Jerez R, Psychogios M, Lieb J, Kappos L, Cuadra MB, Kuhle J, Granziera C, Swiss MSScS: **A Multicenter Longitudinal MRI Study Assessing LeMan-PV Software Accuracy in the Detection of White Matter Lesions in Multiple Sclerosis Patients.** *J Magn Reson Imaging* 2023, 58(3):864-876. IF 4.4

**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* 2023. IF 9.1

## BEREICH ZENTRALE MEDIZINISCHE DIENSTE

## Radio-Onkologie-Zentrum KSA-KSB

Abravan A, Correia D, Gasnier A, Shakhverdian S, van der Stok T, Bertholet J, Dubois LJ, Jereczek-Fossa BA, Eng MP, Spalek M, Petit SF, Franco P, Petit-Steeghs V: **Qualitative Study on Diversity, Equity, and Inclusion Within Radiation Oncology in Europe.** *Int J Radiat Oncol Biol Phys* 2023, 116(2):246-256. IF 7.0

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* 2023. IF 9.1

Ademaj A, Puric E, Marder D, Timm O, Kern T, Halg RA, Rogers S, Riesterer O: **Radiotherapy combined with deep regional hyperthermia in elderly and frail patients with muscle-invasive bladder cancer: quality analysis of hyperthermia and impact on clinical results.** *Int J Hyperthermia* 2023, 40(1):2275540. IF 3.1

Ademaj A, Puric E, Timm O, Kurti D, Marder D, Kern T, Halg RA, Rogers S, Riesterer O: **Real World Analysis of Quality of Life and Toxicity in Cancer Patients Treated with Hyperthermia Combined with Radio(chemo)therapy.** *Cancers (Basel)* 2023, 15(4). IF 5.2

Ademaj A, Veltsista PD, Marder D, Halg RA, Puric E, Brunner TB, Crezee H, Gabrys D, Franckena M, Gani C, Horsman MR, Krempien R, Lindner LH, Maluta S, Notter M, Petzold G, Abdel-Rahman S, Richetti A, Thomsen AR, Tsoutsou P, Fietkau R, Ott OJ, Ghadjar P, Riesterer O: **A patterns of care analysis of hyperthermia in combination with radio(chemo)therapy or chemotherapy in European clinical centers.** *Strahlenther Onkol* 2023, 199(5):436-444. IF 3.1

Bamias A, Stenzl A, Brown SL, Albiges L, Babjuk M, Birtle A, Briganti A, Burger M, Choudhury A, Colecchia M, De Santis M, Fanti S, Fonteyne V, Gallucci M, Rivas JG, Huddart R, Junker K, Kroese S, Loriot Y, Merseburger A, Montironi R, Necchi A, Oing C, Oldenburg J, Ost P, Pinkawa M, Ribal MJ, Roupert M, Thoeny H, Zilli T, Hoskin P: **Definition and Diagnosis of Oligometastatic Bladder Cancer: A Delphi Consensus Study Endorsed by the European Association of Urology, European Society for Radiotherapy and Oncology, and European Society of Medical Oncology Genitourinary Faculty.** *Eur Urol* 2023, 84(4):381-389. IF 23.4

Buchner JA, Kofler F, Etzel L, 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, Wolff R, Eitz KA, Combs SE, Bernhardt D, Wiestler B, Peeken JC: **Development and external validation of an MRI-based neural network for brain metastasis segmentation in the AURORA multicenter study.** *Radiother Oncol* 2023, 178:109425. IF 5.7

Buchner JA, Peeken JC, Etzel L, Ezhev I, Mayinger M, Christ SM, Brunner TB, Wittig A, Menze BH, 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 A, Grosu AL, Wolff R, Kirschke JS, Eitz KA, Combs SE, Bernhardt D, Rueckert D, Piraud M, Wiestler B, Kofler F: **Identifying core MRI sequences for reliable automatic brain metastasis segmentation.** *Radiother Oncol* 2023, 188:109901. IF 5.7

Champion A, Zwahlen DR, Oehler C, Taussky D, Kroese SGC, Burger IA, Benzaquen D: **Can PSMA PET/CT help in dose-tailoring in post-prostatectomy radiotherapy?** *Front Oncol* 2023, 13:1268309. IF 4.7

Gkika E, Kostyszyn D, Fechter T, Moustakis C, Ernst F, Boda-Heggemann J, Sarria G, Dieckmann K, Dobiasch S, Duma MN, Eberle F, Kroeger K, Haussler B, Izaguirre V, Jazmati D, Lautenschlager S, Lohaus F, Mantel F, Menzel J, Pachmann S, Pavic M, Radlanski K, Riesterer O, Gerum S, Roder F, Willner J, Barczyk S, Imhoff D, Blanck O, Wittig A, Guckenberger M, Grosu AL, Brunner TB: **Interobserver agreement on definition of the target volume in stereotactic radiotherapy for pancreatic adenocarcinoma using different imaging modalities.** *Strahlenther Onkol* 2023, 199(11):973-981. IF 3.1

Hanke L, Tang H, Schroder C, Windisch P, Kudura K, Shelan M, Buchali A, Bodis S, Forster R, Zwahlen DR: **Dose-Volume Histogram Parameters and Quality of Life in Patients with Prostate Cancer Treated with Surgery and High-Dose Volumetric-Intensity-Modulated Arc Therapy to the Prostate Bed.** *Cancers (Basel)* 2023, 15(13). IF 5.2

Kroese SGC, Pavic M, Stellamans K, Lievens Y, Becherini C, Scorsetti M, Alongi F, Ricardi U, Jereczek-Fossa BA, Westhoff P, But-Hadzic J, Widder J, Geets X, Bral S, Lambrecht M, Billiet C, Sirak I, Ramella S, Giovanni Battista I, Benavente S, Zapatero A, Romero F, Zilli T, Khanfir K, Hemmatzad H, de Bari B, Klass DN, Adnan S, Peulen H, Salinas Ramos J, Strijbos M, Popat S, Ost P, Guckenberger M: **Metastases-directed stereotactic body radiotherapy in combination with targeted therapy or immunotherapy: systematic review and consensus recommendations by the EORTC-ESTRO OligoCare consortium.** *Lancet Oncol* 2023, 24(3):e121-e132. IF 51.1

Liu A, Kroese SGC: **Editorial: Stereotactic body radiotherapy for lung cancer.** *Front Oncol* 2023, 13:1206736. IF 4.7

**BEREICH ZENTRALE MEDIZINISCHE DIENSTE**

Scharl S, Zamboglou C, Strouthos I, Farolfi A, Serani F, Lanzafame H, Giuseppe Morganti A, Trapp C, Koerber SA, Debus J, Peeken JC, Vogel MME, Vrachimis A, Spohn SKB, Ruf J, Grosu AL, Ceci F, Fendler WP, Bartenstein P, Kroze SGC, Guckenberger M, Krafcsik M, Klopscheck C, Fanti S, Hraby G, Emmett L, Belka C, Stief C, Schmidt-Hegemann NS, Henkenberens C, Mayer B, Miksch J, Shelan M, Aebersold DM, Thamm R, Wiegel T: **Salvage radiotherapy is effective in patients with PSMA-PET-negative biochemical recurrence- results of a retrospective study.** *Radiother Oncol* 2023, 184:109678. IF 5.7

Scolari C, Buchali A, Franzen A, Forster R, Windisch P, Bodis S, Zwahlen DR, Schroder C: **Re-irradiation for head and neck cancer: outcome and toxicity analysis using a prospective single institution database.** *Front Oncol* 2023, 13:1175609. IF 4.7

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* 2023. IF 3.1

Templeton AJ, Omlin A, Berthold D, Beyer J, Burger IA, Eberli D, Engeler D, Fankhauser C, Fischer S, Gillessen S, Nicolas G, Kroeze S, Lorch A, Muntener M, Papachristofilou A, Schaefer N, Seiler D, Stenner F, Tsantoulis P, Vlajnic T, Zilli T, Zwahlen D, Cathomas R: **Interdisciplinary Swiss consensus recommendations on staging and treatment of advanced prostate cancer.** *Swiss Med Wkly* 2023, 153:40108. IF 2.9

Veltsista PD, Oberacker E, Ademaj A, Corradini S, Eckert F, Florcken A, Kaul D, Lindner LH, Issels R, Ott OJ, Pink D, Potkrajcic V, Reichardt P, Roohani S, Spalek MJ, Riesterer O, Zips D, Ghadjar P: **Hyperthermia in the treatment of high-risk soft tissue sarcomas: a systematic review.** *Int J Hyperthermia* 2023, 40(1):2236337. IF 3.1

Zamboglou C, Peeken JC, Janbain A, Katsahian S, Strouthos I, Ferentinos K, Farolfi A, Koerber SA, Debus J, Vogel ME, Combs SE, Vrachimis A, Morganti AG, Spohn SKB, Shelan M, Aebersold DM, Grosu AL, Ceci F, Henkenberens C, Kroeze SGC, Guckenberger M, Fanti S, Belka C, Bartenstein P, Hraby G, Scharl S, Wiegel T, Emmett L, Arnoux A, Schmidt-Hegemann NS: **Development and Validation of a Multi-institutional Nomogram of Outcomes for PSMA-PET-Based Salvage Radiotherapy for Recurrent Prostate Cancer.** *JAMA Netw Open* 2023, 6(5):e2314748. IF 13.8

**Spitalpharmazie**

Dahmke H, Fiumefreddo R, Schuetz P, De Iaco R, Zaugg C: **Tackling alert fatigue with a semi-automated clinical decision support system: quantitative evaluation and end-user survey.** *Swiss Med Wkly* 2023, 153:40082. IF 2.9

Hufschmid Thurnherr E, Dahmke H, Voirol P, Waldispühl Suter B, Lutters M, Vonbach P: **Automation of the medication process in Swiss hospitals: results of a survey.** *Eur J Hosp Pharm* 2023. IF 1.7

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* 2023. IF 2.4

Schluthess-Lisibach AE, Gallucci G, Benelli V, Kalin R, Schluthess S, Cattaneo M, Beeler PE, Csajka C, Lutters M: **Predicting delirium in older non-intensive care unit inpatients: development and validation of the DELIrium risK Tool (DELIKT).** *Int J Clin Pharm* 2023, 45(5):1118-1127. IF 2.4

Vonbach P, Lutters M, Waldispühl Suter B, Voirol P, Higi L, Hufschmid Thurnherr E: **Digitalisation of the drug prescribing process in Swiss hospitals – results of a survey.** *Eur J Hosp Pharm* 2023, 30(e1):e101-e105. IF 1.7

Weidmann AE, Cadogan CA, Fialova D, Hazen A, Henman M, Lutters M, Okuyan B, Paudyal V, Wirth F: **How to write a successful grant application: guidance provided by the European Society of Clinical Pharmacy.** *Int J Clin Pharm* 2023, 45(3):781-786. IF 2.4

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