

KSA

2022

Wissenschaftliche  
Publikationen

**BEREICH MEDIZIN****Allgemeine Innere und Notfallmedizin und Endokrinologie, Diabetologie und Metabolismus**

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* 2022; 37(1):4-11. IF 4.5

Blum CA, Velly L, Brochet C, Ziegler F, Tavolacci MP, Hausfater P, Lvovschi VE: **Relevance of cortisol and copeptin blood concentration changes in an experimental pain model.** *Sci Rep* 2022; 12(1):4767. IF 4.9

Borisov AN, Blum CA, Christ-Crain M, Ebrahimi F: **No obesity paradox in patients with community-acquired pneumonia – secondary analysis of a randomized controlled trial.** *Nutr Diabetes* 2022; 12(1):12. IF 5.0

Brettscher C, Boesiger F, Kaegi-Braun N, Hersberger L, Lobo DN, Evans DC, Tribolet P, Gomes F, 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: **Admission serum albumin concentrations and response to nutritional therapy in hospitalised patients at malnutrition risk: Secondary analysis of a randomised clinical trial.** *EClinicalMedicine* 2022; 45:101301. IF 17.0

Christ E, Czock A, Renström F, Ammeter T, Ebrahimi F, Zechmann S, Kutz A, Diem P, Häuptle C, Brändle M: **Evaluation of type 2 diabetes care management in nine primary care practices before and after implementation of the Criteria of Good Disease Management of Diabetes established by the Swiss Society of Endocrinology and Diabetology.** *Swiss Med Wkly* 2022; 152:w30197. IF 2.1

Ebrahimi F, Kutz A, Christ ER, Szinnai G: **Lifetime risk and health-care burden of diabetic ketoacidosis: A population-based study.** *Front Endocrinol (Lausanne)* 2022; 13:940990. IF 6.0

Eilinger L, Arifi T, Dziadova V, Schuetz P: **[Clinical Nutrition for the Medical Patient: From Screening to Diagnosis and Start of Nutritional Therapy].** *Praxis (Bern 1994)* 2022; 111(7):367-373. IF 0.1

Ford KL, Prado CM, Weimann A, Schuetz P, Lobo DN: **Unresolved issues in perioperative nutrition: A narrative review.** *Clin Nutr* 2022; 41(7):1578-1590. IF 7.3

Gregoriano C, Voelkle M, Koch D, Hauser SI, Kutz A, Mueller B, Schuetz P: **Association of Different Malnutrition Parameters and Clinical Outcomes among COVID-19 Patients: An Observational Study.** *Nutrients* 2022; 14(16). IF 6.7

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* 2022. IF 3.8

Gross S, Beck K, Becker C, Gamp M, Mueller J, Loretz N, Amacher SA, Bohren C, Gaab J, Schuetz P, Mueller B, Fux CA, Leuppi JD, Schaefer R, Langewitz W, Trendelenburg M, Breidhardt T, Eckstein J, Osthoff M, Bassetti S, Hunziker S: **Perception of physicians and nursing staff members regarding outside versus bedside ward rounds: ancillary analysis of the randomised BEDSIDE-OUTSIDE trial.** *Swiss Med Wkly* 2022; 152:w30112. IF 2.1

Hauser SI, Gregoriano C, Koehler H, Ebrahimi F, Szinnai G, Schuetz P, Mueller B, Kutz A: **Trends and outcomes of children, adolescents, and adults hospitalized with inherited metabolic disorders: A population-based cohort study.** *JIMD Rep* 2022; 63(6):581-592. IF 1.9

Hepprich M, Mudry JM, Gregoriano C, Jornayvaz FR, Carballo S, Wojtusciszyn A, Bart PA, Chiche JD, Fischli S, Baumgartner T, Cavelti-Weder C, Braun DL, Gunthard HF, Beuschlein F, Conen A, West E, Isenring E, Zechmann S, Bucklar G, Aubry Y, Dey L, Muller B, Hunziker P, Schutz P, Cattaneo M, Donath MY: **Canakinumab in patients with COVID-19 and type 2 diabetes – A multicentre, randomised, double-blind, placebo-controlled trial.** *EClinicalMedicine* 2022; 53:101649. IF 17.0

Ito A, Shime N, Fujishima S, Fujitani S, Komiya K, Schuetz P: **An algorithm for PCT-guided antimicrobial therapy: a consensus statement by Japanese experts.** *Clin Chem Lab Med* 2022 IF 8.4

Jaun F, Boesing M, Luthi-Corridori G, et al: **High-dose vitamin D substitution in patients with COVID-19: study protocol for a randomized, double-blind, placebo-controlled, multi-center study-VitCov Trial.** *Trials* 2022; 23(1): 114. IF 2.7

Kaegi-Braun N, Boesiger F, Tribolet P, Gomes F, Kutz A, Hoess C, Pavlicek V, Bilz S, Sigrist S, Brandle M, Henzen C, Thomann R, Rutishauser J, Aujesky D, Rodondi N, Donze J, Stanga Z, Lobo DN, Cederholm T, Mueller B, Schuetz P: **Validation of modified GLIM criteria to predict adverse clinical outcome and response to nutritional treatment: A secondary analysis of a randomized clinical trial.** *Clin Nutr* 2022; 41(4):795-804. IF 7.3

Kaegi-Braun N, Germann S, Faessli M, Kilchoer F, Dragusha S, Tribolet P, Gomes F, Brettscher C, Deutz NE, Stanga Z, Mueller B, Schuetz P: **Effect of micronutrient supplementation in addition to nutritional therapy on clinical outcomes of medical inpatients: results of an updated systematic review and meta-analysis.** *Eur J Clin Nutr* 2022; 76(7):964-972. IF 4.0

**BEREICH MEDIZIN**

- Kaegi-Braun N, Kilchoer F, Dragusha S, Gressies C, Faessli M, Gomes F, Deutz NE, Stanga Z, Mueller B, Schuetz P: **Nutritional support after hospital discharge improves long-term mortality in malnourished adult medical patients: Systematic review and meta-analysis.** *Clin Nutr* 2022, 41(11):2431-2441. IF 7.3
- Kaegi-Braun N, Lobo DN, Schuetz P: **Reply – Letter to the Editor – The usefulness of GLIM criteria to guide nutritional treatment needs further study.** *Clin Nutr* 2022, 41(10):2418-2419. IF 7.3
- Katz J, Mercer DF, Schuetz P, Mundi MS, Pimiento J, Morrison C, Mechanick JI, Patel JJ: **Case presentation and panel discussion: Transitions in care.** *JPNEN J Parenter Enteral Nutr* 2022. IF 3.8
- Koch D, Kutz A, Volken T, Gregoriano C, Conca A, Kleinknecht-Dolf M, Schuetz P, Mueller B: **Derivation and validation of a prediction model to establish nursing-sensitive quality benchmarks in medical inpatients: a secondary data analysis of a prospective cohort study.** *Swiss Med Wkly* 2022, 152:w30152. IF 2.1
- Krutkyte G, Wenk L, Odermatt J, Schuetz P, Stanga Z, Friedli N: **Refeeding Syndrome: A Critical Reality in Patients with Chronic Disease.** *Nutrients* 2022, 14(14). IF 6.7
- 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* 2022, 42(2):108-115. IF 7.3
- Kutz A, Koch D, Haubitz S, Conca A, Baechli C, Regez K, Gregoriano C, Ebrahimi F, Bassetti S, Eckstein J, Beer J, Egloff M, Kaeppeli A, Ehmann T, Hoess C, Schaad H, Wharam JF, Lieberherr A, Wagner U, de Geest S, Schuetz P, Mueller B: **Association of Interprofessional Discharge Planning Using an Electronic Health Record Tool With Hospital Length of Stay Among Patients with Multimorbidity: A Nonrandomized Controlled Trial.** *JAMA Netw Open* 2022, 5(9):e2233667. IF 13.3
- Leppig JA, Song L, Voigt DC, Feldhaus FW, Ruwwe-Gloesenkamp C, Saccomanno J, Lassen-Schmidt BC, Neumann K, Leitner K, Hubner RH, Doellinger F: **When Treatment of Pulmonary Emphysema with Endobronchial Valves Did Not Work: Evaluation of Quantitative CT Analysis and Pulmonary Function Tests Before and After Valve Explantation.** *Int J Chron Obstruct Pulmon Dis* 2022, 17:2553-2566. IF 3.3
- Loretz N, Becker C, Hochstrasser S, et al: **Activation of the kynurene pathway predicts mortality and neurological outcome in cardiac arrest patients: A validation study.** *J Crit Care* 2022; 67: 57-65. IF 3.4
- Merkofer F, Struja T, Delfs N, Spagnuolo CC, Hafner JF, Kupferschmid K, Baechli C, Schuetz P, Mueller B, Blum CA: **Glucose control after glucocorticoid administration in hospitalized patients - a retrospective analysis.** *BMC Endocr Disord* 2022, 22(1):8. IF 2.4
- Mueller M, Siegenthaler J, Fah D, Schuetz P: **[Nutrition in Case of Heart Failure].** *Praxis (Bern 1994)* 2022, 111(7):375-380. IF 0.1
- Muller NA, Kaegi-Braun N, Durmisi M, Gressies C, Trbolet P, Stanga Z, Mueller B, Schuetz P: **Low T3 syndrome upon admission and response to nutritional support in malnourished medical inpatients.** *J Clin Endocrinol Metab* 2022. IF 5.9
- Schuetz P: **How to best use procalcitonin to diagnose infections and manage antibiotic treatment.** *Clin Chem Lab Med* 2022. IF 8.4
- Schuetz P: **[Zu viel oder zu wenig: Die optimale Ernährung bleibt eine Herausforderung in der klinischen Praxis].** *Praxis (Bern 1994)* 2022, 111(7):365. IF 0.1
- Schuetz P, Sulo S, Walzer S, Krenberger S, Brunton C: **Nutritional support during the hospital stay is cost-effective for preventing adverse outcomes in patients with cancer.** *Front Oncol* 2022, 12:916073. IF 6.2
- Schuetz P, Sulo S, Walzer S, Krenberger S, Stagna Z, Gomes F, Mueller B, Brunton C: **Economic Evaluation of Individualized Nutritional Support for Hospitalized Patients with Chronic Heart Failure.** *Nutrients* 2022, 14(9). IF 6.7
- Sozio E, Moore NA, Fabris M, Ripoli A, Rumbolo F, Minieri M, Boverio R, Rodriguez Mulero MD, Lainez-Martinez S, Martinez Martinez M, Calvo D, Gregoriano C, Williams R, Brazzi L, Terrinoni A, Callegari T, Hernandez Olivo M, Esteban-Torrella P, Calcerrada I, Bernasconi L, Kidd SP, Sbrana F, Miguens I, Gordon K, Visentini D, Legramante JM, Bassi F, Cortes N, Montruccchio G, Di Lecce VN, Lauritano EC, Garcia de Guadiana-Romualdo L, Gonzalez Del Castillo J, Bernal-Morell E, Andaluz-Ojeda D, Schuetz P, Curcio F, Tascini C, Saeed K: **Identification of COVID-19 patients at risk of hospital admission and mortality: a European multicentre retrospective analysis of mid-regional pro-adrenomedullin.** *Respir Res* 2022, 23(1):221. IF 4.9
- Stalder L, Kaegi-Braun N, Gressies C, Gregoriano C, Trbolet P, Lobo DN, Gomes F, 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: **Prospective validation of five malnutrition screening and assessment instruments among medical inpatients: Secondary analysis of a randomized clinical trial.** *Clin Nutr* 2022, 41(6):1307-1315. IF 7.3
- Struja T, Laczko E, Wolski W, Schlapbach R, Mueller B, Roschitzki B, Schuetz P: **Association of proteomic markers with nutritional risk and response to nutritional support: A secondary pilot study of the EFFORT trial using an untargeted proteomics approach.** *Clin Nutr ESPEN* 2022, 48:282-290. IF 2.3

**BEREICH MEDIZIN**

Tribolet P, Kaegi-Braun N, Gressies C, Baumgartner A, Wagner KH, Stanga Z, Schuetz P: **Handgrip Strength Values Depend on Tumor Entity and Predict 180-Day Mortality in Malnourished Cancer Patients.** *Nutrients* 2022, 14(10). IF 6.7

Voelkle M, Gregoriano C, Neyer P, Koch D, Kutz A, Bernasconi L, Conen A, Mueller B, Schuetz P: **Prevalence of Micronutrient Deficiencies in Patients Hospitalized with COVID-19: An Observational Cohort Study.** *Nutrients* 2022, 14(9). IF 6.7

Wittermans E, van der Zee PA, Qi H, van de Garde EMW, Blum CA, Christ-Crain M, Gommers D, Grutters JC, Voorn GP, Bos JWJ, Endeman H: **Community-acquired pneumonia subgroups and differential response to corticosteroids: a secondary analysis of controlled studies.** *ERJ Open Res* 2022, 8(1). IF 4.2

Wolfisberg S, Gregoriano C, Struja T, Kutz A, Koch D, Bernasconi L, Hammerer-Lercher A, Mohr C, Haubitz S, Conen A, Fux CA, Mueller B, Schuetz P: **Call, chosen, HA(2)T(2), ANDC: validation of four severity scores in COVID-19 patients.** *Infection* 2022, 50(3):651-659. IF 7.4

Wolfisberg S, Gregoriano C, Schuetz P: **Procalcitonin for individualizing antibiotic treatment: an update with a focus on COVID-19.** *Crit Rev Clin Lab Sci* 2022; 59(1): 54-65. IF 7.7

**Angiologie**

Gutwein A, Thalhammer C: **Ultrasound-guided venous pressure measurement.** *Vasa* 2022, 51(6):333-340. IF 2.3

Isaak A, Jorg L, Attigah N, Thalhammer C, Staub D, Aschwanden M, Richarz S: **Practical guide of vascular ultrasound in arterio-venous fistulae.** *Vasa* 2022. IF 2.3

**Dermatologie und Allergologie**

Barbaud A, Garvey LH, Arcolaci A, Brockow K, Mori F, Mayorga C, Bonadonna P, Atanaskovic-Markovic M, Moral L, Zanoni G, Pagani M, Soria A, Jost M, Caubet JC, Carmo A, Mona AA, Alvarez-Perea A, Bavbek S, Benedetta B, Bilo MB, Blanca-Lopez N, Bogas HG, Buonomo A, Caloguri G, Carli G, Cernadas J, Cortellini G, Celik G, Demir S, Dona I, Dursun AB, Eberlein B, Faria E, Fernandes B, Garcez T, Garcia-Nunez I, Gawlik R, Gelincik A, Gomes E, Gooi JHC, Grosber M, Gulen T, Hacard F, Hoarau C, Johnson C, Johnston SL, Joerg L, Kepil Ozdemir S, Klimek L, Kosnik M, Kowalski ML, Kuyucu S, Kvedariene V, Laguna JJ, Lombardo C, Marinho S, Merk H, Meucci E, Morisset M, Munoz-Cano R, Murzilli F, Nakonechna A, Popescu FD, Porebski G, Radice A, Regateiro FS, Rockmann H, Romano A, Sargur R, Sastre J, Scherer Hofmeier K, Sedlackova L, Sobotkova M, Terreehorst I, Treudler R, Walusiak-Skorupa J, Wedi B, Wohrl S, Zidarn M, Zuberbier T, Agache I, Torres MJ: **Allergies and COVID-19 vaccines: An ENDA/EAACI Position paper.** *Allergy* 2022, 77(8):2292-2312. IF 14.7

Hanschmann T, Francuzik W, Dolle-Bierke S, Hofmeier KS, Grabenhenrich L, Rueff F, Renaudin JM, Pföhler 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* 2022. IF 14.7

Kostner L, Cerminara SE, Pamplona GSP, Maul JT, Dummer R, Ramelyte E, Mangana J, Wagner NB, Cozzio A, Kreiter S, Kogler A, Streit M, Wysocki A, Zippelius A, Laubli H, Navarini AA, Maul LV: Effects of COVID-19 Lockdown on Melanoma Diagnosis in Switzerland: **Increased Tumor Thickness in Elderly Females and Shift towards Stage IV Melanoma during Lockdown.** *Cancers (Basel)* 2022, 14(10). IF 6.5

Stander S, Zeidler C, Augustin M, Darsow U, Kremer AE, Legat FJ, Koschmieder S, Kupfer J, Mettang T, Metz M, Nast A, Raap U, Schneider G, Stander H, Streit M, Schut C, Weisshaar E: **S2k Leitlinie: Diagnostik und Therapie des chronischen Pruritus.** *J Dtsch Dermatol Ges* 2022, 20(10):1386-1402. IF 5.2

Trueb RM, Caballero-Uribe N: **Minoxidil-induced hypertrichosis in a breastfed infant.** *J Eur Acad Dermatol Venereol* 2022, 36(3):e224-e225. IF 9.2

**Gastroenterologie**

Avraam D, Economidou EC, Kountouras J, Doulberis M, Soteriades ES: **Mortality in Cyprus Over the Period 2016–2021.** *Cureus* 2022, 14(4):e24325. IF k.A.

Burgos-Santamaría D, Nyssen OP, Gasbarrini A, Vaira D, Perez-Aisa A, Rodrigo L, Pellicano R, Keco-Huerga A, Pabón-Carrasco M, Castro-Fernandez M, Boltin D, Barrio J, Phull P, Kupcinskas J, Jonaitis L, Ortiz-Polo I, Tepes B, Lucendo AJ, Huguet JM, Areia M, Jurecic NB, Denkovski M, Bujanda L, Ramos-San Roman J, Cuadrado-Lavin A, Gomez-Camarero J, Jimenez Moreno MA, Lanas A, Martinez-Dominguez SJ, Alfaro E, Marcos-Pinto R, Milivojevic V, Rokkas T, Leja M, Smith S, Tonkic A, Buzas GM, Doulberis M, Venerito M, Lerang F, Bordin DS, Lamy V, Capelle LG, Marlicz W, Dobru D, Gridnyev O, Puig I, Megraud F, O'Morain C, Gisbert JP, Hp-EuReg I: **Empirical rescue treatment of Helicobacter pylori infection in third and subsequent lines: 8-year experience in 2144 patients from the European Registry on H. pylori management (Hp-EuReg).** *Gut* 2022. IF 31.7

**BEREICH MEDIZIN**

- Doulberis M, Sampsonas F, Papaefthymiou A, Karamouzos V, Lagadinou M, Karampitsakos T, Stratakos G, Kuntzen T, Tzouvelekis A: **High-flow versus conventional nasal cannula oxygen supplementation therapy and risk of hypoxia in gastrointestinal endoscopies: a systematic review and meta-analysis.** *Expert Rev Respir Med* 2022, 16(3):323-332. IF 3.7
- Gysi S, Doulberis M, Legeret C, Kohler H: **The Role of the Pediatric Yorkhill Malnutrition Score (PYMS), Neutrophil-to-Lymphocyte and Platelet-to-Lymphocyte Ratios in Malnutrition Prediction of Hospitalized Children.** *Children (Basel)* 2022, 9(9). IF 2.8
- Kountouras J, Doulberis M, Kazakos E, Tzika SK, Vardaka E, Liatsos C, Papaefthymiou A: **Correspondence on 'Omega-3 supplementation and cardiovascular disease: formulation-based systematic review and meta-analysis with trial sequential analysis' by Rizos et al.** *Heart* 2022, 108(8):657. IF 5.9
- Kountouras J, Doulberis M, Polyzos SA, Kazakos E, Vardaka E, Touloumtzi M, Manolakis A, Tzitiridou-Chatzopoulou M, Liatsos C, Sotiriades ES, Ntona S, Papaefthymiou A: **Impact of Helicobacter pylori-related metabolic syndrome with hyperhomocysteinemia on extragastric pathologies.** *J Gastroenterol Hepatol* 2022, 37(2):407-408. IF 4.3
- Kountouras J, Doulberis M, Polyzos SA, Kazakos E, Vardaka E, Tzitiridou-Chatzopoulou M, Chatzopoulos D, Liatsos C, Kyriakopoulos A, Papaefthymiou A: **Emerging parameters relevant to the management of antimicrobial-resistant Helicobacter pylori infection.** *Intern Med J* 2022, 52(9):1654-1655. IF 2.0
- Kountouras J, Doulberis M, Polyzos SA, Tzitiridou M, Chatzopoulos D, Gialamprinou D, Kotronis G, Vardaka E, Liatsos C, Papaefthymiou A: **A potential impact of Helicobacter pylori-related metabolic syndrome on early and long-term outcomes of bariatric surgery.** *Gastrointest Endosc* 2022, 96(6):1088-1089. IF 9.4
- Kountouras J, Gialamprinou D, Kotronis G, Papaefthymiou A, Economidou E, Soteriades ES, Vardaka E, Chatzopoulos D, Tzitiridou-Chatzopoulou M, Papazoglou DD, Doulberis M: **Ofeleelin i mi Vlaptin-Volume II: Immunity Following Infection or mRNA Vaccination, Drug Therapies and Non-Pharmacological Management at Post-Two Years SARS-CoV-2 Pandemic.** *Medicina (Kaunas)* 2022, 58(2). IF 2.9
- Kountouras J, Kazakos E, Polyzos SA, Chatzopoulos D, Tzitiridou-Chatzopoulou M, Doulberis M, Papaefthymiou A, Vardaka E: **GM-CSF as a potential candidate of a vaccine-induced reduction of Helicobacter pylori infection.** *Helicobacter* 2022, 27(3):e12884. IF 5.1
- Kountouras J, Papaefthymiou A, Liatsos C, Tzitiridou-Chatzopoulou M, Chatzopoulos D, Gialamprinou D, Kotronis G, Vardaka E, Kazakos E, Doulberis M: **Comments on "dose-related meta-analysis for omega-3 fatty acids supplementation on major adverse cardiovascular events".** *Clin Nutr* 2022, 41(8):1855-1856. IF 7.3
- Kountouras J, Papaefthymiou A, Polyzos SA, Kazakos E, Vardaka E, Touloumtzi M, Tzitiridou-Chatzopoulou M, Liatsos C, Sgantzou IK, Knuchel J, Doulberis M: **Impact of Active Helicobacter pylori Infection-related Metabolic Syndrome on Systemic Arterial Hypertension.** *Arq Bras Cardiol* 2022, 119(3):502-504. IF 2.6
- Kountouras J, Papaefthymiou A, Polyzos SA, Kyrailiidi F, Doulberis M: **Potential impact of Helicobacter pylori-related metabolic syndrome on arterial hypertension outcomes.** *Am J Hypertens* 2022. IF 2.6
- Kountouras J, Papaefthymiou A, Polyzos SA, Liatsos C, Tzitiridou-Chatzopoulou M, Chatzopoulos D, Vardaka E, Gialamprinou D, Kotronis G, Doulberis M: **Potential impact of Helicobacter pylori and metabolic syndrome-related non-alcoholic fatty liver disease on cardio-cerebrovascular disease.** *Metabolism* 2022, 135:155276. IF 13.9
- 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* 2022. IF 3.4
- Kountouras J, Papaefthymiou A, Polyzos SA, Liatsos C, Vardaka E, Touloumtzi M, Tzitiridou-Chatzopoulou M, Chatzopoulos D, Doulberis M: **Letter to the Editor Regarding "The Association of Helicobacter pylori, Eradication, and Early Complications of Laparoscopic Sleeve Gastrectomy" by Abeid et al.** *Obes Surg* 2022, 32(6):2079-2080. IF 3.4
- Liatsos C, Papaefthymiou A, Kyriakos N, Galanopoulos M, Doulberis M, Giakoumis M, Petridou E, Mavrogiannis C, Rokkas T, Kountouras J: **Helicobacter pylori, gastric microbiota and gastric cancer relationship: Unrolling the tangle.** *World J Gastrointest Oncol* 2022, 14(5):959-972. IF 3.4
- Nyssen OP, Vaira D, Perez Aisa A, Rodrigo L, Castro-Fernandez M, Jonaitis L, Tepes B, Vologzhanina L, Caldas M, Lanas A, Lucendo AJ, Bujanda L, Ortuno J, Barrio J, Huguet JM, Voynovan I, Lasala JP, Sarsenbaeva AS, Fernandez-Salazar L, Molina-Infante J, Jurecic NB, Areia M, Gasbarrini A, Kupcinskas J, Bordin D, Marcos-Pinto R, Lerang F, Leja M, Buzas GM, Niv Y, Rokkas T, Phull P, Smith S, Shvets O, Venerito M, Milivojevic V, Simsek I, Lamy V, Bytzer P, Boyanova L, Kunovsky L, Beglinger C, Doulberis M, Marlicz W, Goldis A, Tonkic A, Capelle L, Puig I, Megraud F, Morain CO, Gisbert JP, European Registry on Helicobacter pylori Management Hp-EuReg I: **Empirical Second-Line Therapy in 5000 Patients of the European Registry on Helicobacter pylori Management (Hp-EuReg).** *Clin Gastroenterol Hepatol* 2022, 20(10):2243-2257. IF 11.3

**BEREICH MEDIZIN**

Papaefthymiou A, Kyriakos N, Giakoumis M, Doulberis M, Mylonas I, Kountouras J, Liatsos C: **Acute Myopericarditis in a Patient with Ulcerative Colitis and the Role of Mesalamine: A Case Report.** *Gastroenterol Nurs* 2022, 45(4):276-277. IF 0.9

Papaefthymiou A, Potamianos S, Goulas A, Doulberis M, Kountouras J, Polyzos SA: **Inflammatory Bowel Disease-associated Fatty Liver Disease: the Potential Effect of Biologic Agents.** *J Crohns Colitis* 2022, 16(5):852-862. IF 9.0

Rupp S, Papaefthymiou A, Chatzimichael E, Polyzos SA, Spreitzer S, Doulberis M, Kuntzen T, Kountouras J: **Diagnostic approach to Helicobacter pylori-related gastric oncogenesis.** *Ann Gastroenterol* 2022, 35(4):333-344. IF 2.4

von Ulmenstein S, Bogdanovic S, Honcharova-Biletska H, Blumel S, Deibel AR, Segna D, Jungst C, Weber A, Kuntzen T, Gubler C, Reiner CS: **Assessment of hepatic fibrosis and inflammation with look-locker T1 mapping and magnetic resonance elastography with histopathology as reference standard.** *Abdom Radiol (NY)* 2022, 47(11):3746-3757. IF 2.8

**Hämatologie und Transfusionsmedizin / Onkologie**

Adam FC, Szybinski J, Halter JP, Cantoni N, Wenzel F, Leonards K, Brkic S, Passweg JR, Touw I, Maxson JE, Meyer SC: **Co-Ocurring CSF3R W791\* Germline and Somatic T618I Driver Mutations Induce Early CNL and Clonal Progression to Mixed Phenotype Acute Leukemia.** *Curr Oncol* 2022, 29(2):805-815. IF 3.1

Banna GL, Addeo A, Zygoura P, Tsourtzi Z, Popat S, Curioni-Fontecedro A, Nadal E, Shah R, Pope A, Fisher P, Spicer J, Roy A, Gilligan D, Gautschi O, Janthur WD, Lopez-Castro R, Roschitzki-Voser H, Dafni U, Peters S, Stahel RA: **A prognostic score for patients with malignant pleural mesothelioma (MPM) receiving second-line immunotherapy or chemotherapy in the ETOP 9-15 PROMISE-meso phase III trial.** *Lung Cancer* 2022, 169:77-83. IF 6.0

Cantoni N, Sommavilla R, Seitz P, Kulenkampff E, Kahn S, Lambert JF, Schmidt A, Zenhaeusern R, Balabanov S: **A multicenter real-world evidence study in the Swiss treatment landscape of chronic myeloid leukemia.** *BMC Cancer* 2022, 22(1):1192. IF 4.6

Ceriani L, Milan L, Cascione L, Gritti G, Dalmasso F, Esposito F, Pirosa MC, Schar S, Bruno A, Dirnhofer S, Giovanella L, Hayoz S, Mamot C, Rambaldi A, Chauvin S, Zucca E: **Generation and validation of a PET radiomics model that predicts survival in diffuse large B cell lymphoma treated with R-CHOP14: A SAKK 38/07 trial post-hoc analysis.** *Hematol Oncol* 2022, 40(1):11-21. IF 4.8

De Geest S, Valenta S, Ribaut J, Gerull S, Mielke J, Simon M, Bartakova J, Kaier K, Eckstein J, Leppla L, Teynor A, team SM: **The SMILe integrated care model in allogeneic SteM cell Transplantation faciLitated by eHealth: a protocol for a hybrid effectiveness-implementation randomised controlled trial.** *BMC Health Serv Res* 2022, 22(1):1067. IF 2.9

Genta S, Ghilardi G, Cascione L, Juskevicius D, Tzankov A, Schar S, Milan L, Pirosa MC, Esposito F, Ruberto T, Giovanella L, Hayoz S, Mamot C, Dirnhofer S, Zucca E, Ceriani L: **Integration of Baseline Metabolic Parameters and Mutational Profiles Predicts Long-Term Response to First-Line Therapy in DLBCL Patients: A Post Hoc Analysis of the SAKK38/07 Study.** *Cancers (Basel)* 2022, 14(4). IF 6.5

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 C, 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* 2022. IF 3.9

Joerger M, Metaxas Y, Zaman K, Michelin O, Mach N, Bettini A, Schmitt AM, Cantoni N, Caspar CB, Stettler S, Malval R, Pless M, Britschgi C, Renner C, Koeberle D, Schulz JD, Kopp C, Hayoz S, Stathis A, von Moos R, Swiss Group for Clinical Cancer R: **Outcome and Prognostic Factors of COVID-19 Infection in Swiss Cancer Patients: Final Results of SAKK 80/20 (CaSA).** *Cancers (Basel)* 2022, 14(9). IF 6.5

Kasenda B, Konig D, Manni M, Ritschard R, Duthaler U, Bartoszek E, Barenwaldt A, Deuster S, Hutter G, Cordier D, Mariani L, Hench J, Frank S, Krahenbuhl S, Zippelius A, Rochlitz C, Mamot C, Wicki A, Laubli H: **Targeting immunoliposomes to EGFR-positive glioblastoma.** *ESMO Open* 2022, 7(1):100365. IF 6.8

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 HG, Triggiani M, Yavuz AS, Panse JP, Christen D, Heizmann M, Shoumariyah K, Muller S, Elena C, Malcovati L, Fiorelli N, Wortmann F, Vucinic V, Brockow K, Fokolos C, Papageorgiou SG, Breynaert C, Bullens D, Doubek M, Illerhaus A, Angelova-Fischer I, Solomianyi O, Varkonyi J, Sabato V, Rufer A, Schug T, Hermans MAW, Belloni Fortina A, Caroppo F, Bumbea H, Gulen T, Hartmann K, Oude Elberink H, Schwaab J, Arock M, Valent P, Sperr W, Gotlib J: **Mast Cell Leukemia: Clinical and Molecular Features and Survival Outcomes of Patients in the ECNM Registry.** *Blood Adv* 2022. IF 25.6

Kostalova B, Ribaut J, Dobbels F, Gerull S, Mala-Ladova K, Zullig LL, De Geest S: **Medication adherence interventions in transplantation lack information on how to implement findings from randomized controlled trials in real-world settings: A systematic review.** *Transplant Rev (Orlando)* 2022, 36(1):100671. IF 4.9

**BEREICH MEDIZIN**

Linnik J, Syedbasha M, Kaltenbach HM, Vogt D, Hollenstein Y, Kaufmann L, Cantoni N, Ruosch-Girsberger S, Muller AMS, Schanz U, Pabst T, Stussi G, Weisser M, Halter J, Stelling J, Egli A: **Association of Host Factors With Antibody Response to Seasonal Influenza Vaccination in Allogeneic Hematopoietic Stem Cell Transplant Patients.** *J Infect Dis* 2022, 225(8):1482-1493. IF 3.4

Mangana J, Zihler D, Bossart S, Bronnimann D, Zachariah R, Gerard CL: **Treatment reality of patients with BRAF-mutant advanced/metastatic melanoma in Switzerland in the era of choice.** *Melanoma Res* 2022, 32(5):366-372. IF 3.5

Papachristofilou A, Bedke J, Hayoz S, Schratzenstaller U, Pless M, Henrich M, Krege S, Lorch A, Aebersold DM, Putora PM, Berthold DR, Zihler D, Zengerling F, Dieing A, Mueller AC, Schaer C, Biaggi C, Gillessen S, Cathomas R: **Single-dose carboplatin followed by involved-node radiotherapy for stage IIA and stage IIB seminoma (SAKK 01/10): a single-arm, multicentre, phase 2 trial.** *Lancet Oncol* 2022, 23(11):1441-1450. IF 7.9.

Pratsinis M, Fankhauser C, Pratsinis K, Beyer J, Buhrer E, Cathomas R, Fischer N, Hermanns T, Hirschi-Blickenstorfer A, Kamradt J, Alex Kluth L, Zihler D, Mingrone W, Muller B, Nestler T, Rothschild SI, Seifert B, Templeton AJ, Terbuch A, Ufen MP, Woelky R, Gillessen S, Rothermundt C: **Metastatic Potential of Small Testicular Germ Cell Tumors: Implications for Surveillance of Small Testicular Masses.** *Eur Urol Open Sci* 2022, 40:16-18. IF 3.0

Ribaut J, De Geest S, Leppla L, Gerull S, Teynor A, Valenta S, team SMs: **Exploring Stem Cell Transplanted Patients' Perspectives on Medication Self-Management and Electronic Monitoring Devices Measuring Medication Adherence: A Qualitative Sub-Study of the Swiss SMILE Implementation Science Project.** *Patient Prefer Adherence* 2022, 16:11-22. IF 2.3

Rovo A, Cantoni N, Samii K, Rufer A, Koenen G, Ivic S, Cavanna D, Benz R: **Real-world impact of primary immune thrombocytopenia and treatment with thrombopoietin receptor agonists on quality of life based on patient-reported experience: Results from a questionnaire conducted in Switzerland, Austria, and Belgium.** *PLoS One* 2022, 17(4):e0267342. IF 3.2

Rufer A, Angermann H, Benz R, Bonadies N, Calderoni A, Cantoni N, Efthymiou A, Escher R, Favre G, Friess D, Gschwend A, Himmelmann A, Holbro A, Keller P, Kouroupi E, Lehmann T, Pedarnig N, Rigamonti V, Samii K, Schmidt A, Schafer HP, Sperber R, Stussi G, Winkler A, Zenhäusern R, Goede JS: **Real-world Data From the Swiss Lenalidomide in MDS del(5q) (SLIM)-Registry Identify New Chances and Challenges in Lenalidomide Treatment of Patients With MDS del(5q).** *Hemisphere* 2022, 6(7):e741. IF 8.3

Sava M, Battig V, Gerull S, Passweg JR, Khanna N, Garzoni C, Gerber B, Mueller NJ, Schanz U, Berger C, Chalandron 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* 2022. IF 5.1

Steiger HJ, Vollmer K, Rogers S, Schwyzler L: **State of affairs regarding targeted pharmacological therapy of cancers metastasized to the brain.** *Neurosurg Rev* 2022, 45(5):3119-3138. IF 2.8

**Infektiologie**

Achtnichts L, Ovchinnikov A, Jakopp B, Oberle M, Nedeltchev K, Fux CA, Sellner J, Findling O: **SARS-CoV-2 mRNA Vaccination in People with Multiple Sclerosis Treated with Fingolimod: Protective Humoral Immune Responses May Develop after the Preferred Third Shot.** *Vaccines (Basel)* 2022, 10(2). IF 4.9

Bregenzer A, Krismer C, Wendel S, Roser P, Fux CA: **HCV elimination in a Swiss opioid agonist therapy programme - a cohort study.** *Swiss Med Wkly* 2022, 152:40009. IF 2.1

Fischer T, El Baz Y, Scanferla G, Graf N, Waldeck F, Kleger GR, Frauenfelder T, Bremerich J, Kobbe SS, Pagani JL, Schindera S, Conen A, Wildermuth S, Leschka S, Strahm C, Waelti S, Dietrich TJ, Albrich WC: **Comparison of temporal evolution of computed tomography imaging features in COVID-19 and influenza infections in a multicenter cohort study.** *Eur J Radiol Open* 2022, 9:100431. IF 3.5

Gross S, Beck K, Becker C, Gamp M, Mueller J, Loretz N, Amacher SA, Bohren C, Gaab J, Schuetz P, Mueller B, Fux CA, Leuppi JD, Schaefer R, Langewitz W, Trendelenburg M, Breidthardt T, Eckstein J, Osthoff M, Bassetti S, Hunziker S: **Perception of physicians and nursing staff members regarding outside versus bedside ward rounds: ancillary analysis of the randomised BED-SIDE-OUTSIDE trial.** *Swiss Med Wkly* 2022, 152:w30112. IF 2.1

Hepprich M, Mudry JM, Gregoriano C, Jornayvaz FR, Carballo S, Wojtusciszyn A, Bart PA, Chiche JD, Fischli S, Baumgartner T, Cavelti-Weder C, Braun DL, Gunthard HF, Beuschlein F, Conen A, West E, Isenring E, Zechmann S, Bucklar G, Aubry Y, Dey L, Muller B, Hunziker P, Schutz P, Cattaneo M, Donath MY: **Canakinumab in patients with COVID-19 and type 2 diabetes - A multicentre, randomised, double-blind, placebo-controlled trial.** *EClinicalMedicine* 2022, 53:101649. IF 17.0

Kopp Lugli A, Marti WR, Salm L, Mujagic E, Bundi M, von Strauss M, Bucheli Laffer E, Landin J, Fux CA, Coslovsky M, Weber WP, Kindler C: **The Role of HbA1c as a Positive Perioperative Predictor of Surgical Site and Other Postoperative Infections: An Explorative Analysis in Patients Undergoing Minor to Major Surgery.** *World J Surg* 2022, 46(2):391-399. IF 3.2

**BEREICH MEDIZIN**

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 (HIV-1) transmission dynamics in Switzerland using a distance-based clustering approach.** *J Infect Dis* 2022; IF 5.2

Ragazzino S, Goldenberger D, Wright PR, Zimmerli S, Muhlethaler K, Neofytos D, Riat A, Boggian K, Nolte O, Conen A, Fankhauser H, Schreiber PW, Zbinden R, Lamoth F, Khanna N: **Distribution of Aspergillus Species and Prevalence of Azole Resistance in Respiratory Samples From Swiss Tertiary Care Hospitals.** *Open Forum Infect Dis* 2022; 9(2):ofab638. IF 3.8

Rubeli S, Conen A, Diepers M, Bernasconi L, Hasler P, Mueller RB: **Successful Treatment of Rheumatoid Meningitis Associated With a Decrease of ACPA Antibody Index.** *J Clin Rheumatol* 2022; 28(2):e667-e669. IF 3.9

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* 2022. IF 3.2

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* 2022. IF 3.0

Voelkle M, Gregoriano C, Neyer P, Koch D, Kutz A, Bernasconi L, Conen A, Mueller B, Schuetz P: **Prevalence of Micronutrient Deficiencies in Patients Hospitalized with COVID-19: An Observational Cohort Study.** *Nutrients* 2022; 14(9). IF 6.7

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* 2022. IF 5.6

Widmer D, Widmer AF, Jeger R, Dangel M, Stortecky S, Frei R, Conen A: **Prevalence of enterococcal groin colonization in patients undergoing cardiac interventions: challenging antimicrobial prophylaxis with cephalosporins in patients undergoing transcatheter aortic valve replacement.** *J Hosp Infect* 2022; 129:198-202. IF 8.9

Wolfisberg S, Gregoriano C, Struja T, Kutz A, Koch D, Bernasconi L, Hammerer-Lercher A, Mohr C, Haubitz S, Conen A, Fux CA, Mueller B, Schuetz P: **Call, chosen, HA(2)T(2), ANDC: validation of four severity scores in COVID-19 patients.** *Infection* 2022; 50(3):651-659. IF 7.4

**Kardiologie (Herzzentrum Aargau)**

Gavazzoni M, Zuber M, Taramasso M, Cascella A, Voci D, Pozzoli A, Ferrari E, Maisano F: **Transesophageal Echocardiography For The Assessment of Left Atrial Pressure After Trans-Septal Mitral Valve Interventions.** *Am J Cardiol* 2022; 177:100-107. IF 3.1

Goldberg LR, Jorbenadze A, Shaburishvili T, Mirro MJ, Fudim M, Zuber M, Stampfli SF, Tanner FC, Erne P, Cleland JG: **Synchronized diaphragmatic stimulation: a case report of a novel extra-cardiac intervention for chronic heart failure.** *ESC Heart Fail* 2022; 9(3):1677-1681. IF 3.6

Iglesias JF, Heg D, Roffi M, Degrauwe S, Tuller D, Muller O, Brinkert M, Cook S, Weilenmann D, Kaiser C, Cuculi F, Valgimigli M, Juni P, Windecker S, Pilgrim T: **Five-Year Outcomes With Biodegradable-Polymer Sirolimus-Eluting Stents Versus Durable-Polymer Everolimus-Eluting Stents in Patients With Acute Coronary Syndrome: A Subgroup Analysis of the BIOSCIENCE Trial.** *Cardiovasc Revasc Med* 2022; 34:3-10. IF 10.7

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* 2022. IF 3.4

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* 2022. IF 7.7

Metzner A, Suling A, Brandes A, Breithardt G, Camm AJ, Crijns H, Eckardt L, Elvan A, Goette A, Haegeli LM, Heidbuchel H, Kautzner J, Kuck KH, Mont L, Ng GA, Szumowski L, Themistoclakis S, van Gelder IC, Vardas P, Wegscheider K, Willems S, Kirchhof P: **Anticoagulation, therapy of concomitant conditions, and early rhythm control therapy: a detailed analysis of treatment patterns in the EAST – AFNET 4 trial.** *Europace* 2022; 24(4):552-564. IF 5.4

Meyer J, Haegeli LM, Brinkert M: **[The "Mickey Mouse Heart"].** *Praxis (Bern 1994)* 2022; 111(14):822-825. IF 0.1

**BEREICH MEDIZIN**

Toggweiler S, Brinkert M, Wolfrum M, Moccetti F, Stampfli SF, De Boeck BWL, Magarzo G, Gassenmaier T, Attinger-Toller A, Bossard M, Fornaro J, Buhmann R, Cuculi F, Kobza R: **Paravalvular Leak After Implantation of the ACURATE neo and the ACURATE neo2 Transcatheter Heart Valve.** *Cardiovasc Revasc Med* 2022, 45:37-43. IF 1.1

Wiesler B, Gass JM, Viehl CT, Muller A, Metzger J, Hartel M, Nebiker C, Rosenberg R, Galli R, Zingg U, Ochsner A, Eisner L, Pabst M, Worni M, Henschel M, von Flue M, Zuber M, von Strauss Und Torney M: **Evaluation of the Introduction of a Colorectal Bundle in Left Sided Colorectal Resections (EvaCol): Study Protocol of a Multicentre, Observational Trial.** *Int J Surg Protoc* 2022, 26(1):57-67. IF 0.9

Willems S, Borof K, Brandes A, Breithardt G, Camm AJ, Crijns H, Eckardt L, Gessler N, Goette A, Haegeli LM, Heidbuchel H, Kautzner J, Ng GA, Schnabel RB, Suling A, Szumowski L, Themistoclakis S, Vardas P, van Gelder IC, Wegscheider K, Kirchhof P: **Systematic, early rhythm control strategy for atrial fibrillation in patients with or without symptoms: the EAST-AFNET 4 trial.** *Eur Heart J* 2022, 43(12):1219-1230. IF 29.9

**Nephrologie**

Buchkremer F, Seegerer S: **The 2009 and 2021 CKD-EPI Equations: A Graphical Analysis of the Effect of Refitting GFR Estimating Equations Without a Race Coefficient.** *Kidney Med* 2022, 4(5):100448. IF 2.2

Diebold M, Locher E, Boide P, Enzler-Tschudy A, Faivre A, Fischer I, Helmchen B, Hopfer H, Kim MJ, Moll S, Nanchen G, Rotman S, Saganas C, Seeger H, Kistler AD: **Incidence of new onset glomerulonephritis after SARS-CoV-2 mRNA vaccination is not increased.** *Kidney Int* 2022, 102(6):1409-1419. IF 18.9

Frank FA, Gerber L, Cornelius A, Baumhoer D, Krieg AH: **FGF-23 transmitted tumor – induced hypophosphatemic osteomalacia: A rare case of a young woman with recurrent fractures and review of the literature.** *J Bone Oncol* 2022, 33:100413. IF 4.4

Jager C, Stampf S, Molyneux K, Barratt J, Golshayan D, Hadaya K, Huynh-Do U, Binet FI, Mueller TF, Koller M, Kim MJ: **Recurrence of IgA nephropathy after kidney transplantation: experience from the Swiss transplant cohort study.** *BMC Nephrol* 2022, 23(1):178. IF 2.5

Ritter A, Helmchen B, Gaspert A, Bleisch J, Fritschi B, Buchkremer F, Damm S, Schmid N, Schachtner T, Seeger H: **Clinical spectrum of gross haematuria following SARS-CoV-2 vaccination with mRNA vaccines.** *Clin Kidney J* 2022, 15(5):961-973. IF 5.8

**Klinik für Neurologie**

Achtnichts L, Ovchinnikov A, Jakopp B, Oberle M, Nedeltchev K, Fux CA, Sellner J, Findling O: **SARS-CoV-2 mRNA Vaccination in People with Multiple Sclerosis Treated with Fingolimod: Protective Humoral Immune Responses May Develop after the Preferred Third Shot.** *Vaccines (Basel)* 2022, 10(2). IF 4.9

Altersberger VL, Wright PR, Schaedelin SA, De Marchis GM, Gensicke H, Engelster ST, Psychogios M, Kahles T, Goeldlin M, Meinel TR, Mordasini P, Kaesmacher J, von Hessling A, Vehoff J, Weber J, Wegener S, Salmen S, Sturzenegger R, Medlin F, Berger C, Schelosky L, Renaud S, Niederhauser J, Bonvin C, Schaeerer M, Mono ML, Rodic B, Schwegler G, Peters N, Bolognese M, Luft AR, Cereda CW, Kagi G, Michel P, Carrera E, Arnold M, Fischer U, Nedeltchev K, Bonati LH: **Effect of admission time on provision of acute stroke treatment at stroke units and stroke centers-An analysis of the Swiss Stroke Registry.** *Eur Stroke J* 2022, 7(2):117-125. IF 4.2

Ardila Jurado E, Sturm V, Brugger F, Nedeltchev K, Arnold M, Bonati LH, Carrera E, Michel P, Cereda CW, Bolognese M, Albert S, Medlin F, Berger C, Schelosky L, Renaud S, Niederhauser J, Bonvin C, Mono ML, Rodic B, Tarnutzer AA, Schwegler G, Salmen S, Luft AR, Peters N, Vehoff J, Kagi G, Swiss Stroke Registry I: **Central Retinal Artery Occlusion: Current Practice, Awareness and Prehospital Delays in Switzerland.** *Front Neurol* 2022, 13:888456. IF 4.0

Benkert P, Meier S, Schaedelin S, Manouchehrinia A, Yaldizli O, Maceski A, Oechtering J, Achtnichts L, Conen D, Derfuss T, Lalive PH, Mueller C, Muller S, Naegelin Y, Okkenberg JR, Pot C, Salmen A, Willemse E, Kockum I, Blennow K, Zetterberg H, Gobbi C, Kappos L, Wiendl H, Berger K, Sormani MP, Granziera C, Piehl F, Leppert D, Kuhle J, Nf LRDiTSMSCSG: **Serum neurofilament light chain for individual prognostication of disease activity in people with multiple sclerosis: a retrospective modelling and validation study.** *Lancet Neurol* 2022, 21(3):246-257. IF 59.9

Cagol A, Schaedelin S, Barakovic M, Benkert P, Todea RA, Rahmazadeh R, Galbusera R, Lu PJ, Weigel M, Melie-Garcia L, Ruberte E, Siebenborn N, Battaglini M, Radue EW, Yaldizli O, Oechtering J, Sinnecker T, Lorscheider J, Fischer-Barnicol B, Muller S, Achtnichts L, Vehoff J, Disanto G, Findling O, Chan A, Salmen A, Pot C, Bridel C, Zecca C, Derfuss T, Lieb JM, Remonda L, Wagner F, Vargas MI, Du Pasquier R, Lalive PH, Pravata E, Weber J, Cattin PC, Gobbi C, Leppert D, Kappos L, Kuhle J, Granziera C: **Association of Brain Atrophy With Disease Progression Independent of Relapse Activity in Patients With Relapsing Multiple Sclerosis.** *JAMA Neurol* 2022, 79(7):682-692. IF 18.3

**BEREICH MEDIZIN**

De Marchis GM, Wright PR, Michel P, Strambo D, Carrera E, Dirren E, Luft AR, Wegener S, Cereda CW, Kagi G, Vehoff J, Gen-sicke H, Lyrer P, Nedeltchev K, Khales T, Bolognese M, Salmen S, Sturzenegger R, Bonvin C, Berger C, Schelosky L, Mono ML, Rodic B, von Reding A, Schwegler G, Tarnutzer AA, Medlin F, Humm AM, Peters N, Beyeler M, Kriemler L, Bervini D, Fandino J, Hemkens LG, Mordasini P, Arnold M, Fischer U, Bonati LH, Swiss Stroke Registry I: **Association of the COVID-19 outbreak with acute stroke care in Switzerland.** *Eur J Neurol* 2022, 29(3):724-731. IF 6.2

Finkner S, Achtnichts L, Cervenakova M, Nedeltchev K, Findling O: **Oral disease modifying therapies – A game changer for treatment decision in untreated patients with RRMS and CIS? - A swiss single center cross-sectional study.** *Mult Scler Relat Disord* 2022, 68:104396. IF 4.8

Finkner S, Piroth T, Hogg M, Ruegg S, Nedeltchev K, Bally JF, Gschwind M: **Recognizing myorhythmia 4 months after stroke – A teaching video.** *Clin Park Relat Disord* 2022, 6:100141. IF 4.4

Fischer U, Branca M, Bonati LH, Carrera E, Vargas MI, Platon A, Kulcsar Z, Wegener S, Luft A, Seiffge DJ, Arnold M, Michel P, Strambo D, Dunet V, De Marchis GM, Schelosky L, Andreisek G, Barinka F, Peters N, Fisch L, Nedeltchev K, Cereda CW, Kagi G, Bolognese M, Salmen S, Sturzenegger R, Medlin F, Berger C, Renaud S, Bonvin C, Schaerer M, Mono ML, Rodic B, Psychogios M, Mordasini P, Gralla J, Kaesmacher J, Meinel TR, Investigators of the Swiss Stroke R: **Magnetic Resonance Imaging or Computed Tomography for Suspected Acute Stroke: Association of Admission Image Modality with Acute Recanalization Therapies, Workflow Metrics, and Outcomes.** *Ann Neurol* 2022, 92(2):184-194. IF 11.2

Fischer U, Trelle S, Branca M, Salanti G, Paciaroni M, Ferrari C, Abend S, Beyeler S, Strbian D, Thomalla G, Ntaios G, Bonati LH, Michel P, Nedeltchev K, Gatringer T, Sandset EC, Kelly P, Lemmens R, Koga M, Sylaja PN, de Sousa DA, Bornstein NM, Gdovinova Z, Seiffge DJ, Gralla J, Horvath T, Dawson J: **Early versus Late initiation of direct oral Anticoagulants in post-ischaemic stroke patients with atrial fibrillation (ELAN): Protocol for an international, multicentre, randomised-controlled, two-arm, open, assessor-blinded trial.** *Eur Stroke J* 2022, 7(4):487-495. IF 4.2

Goeldlin MB, Mueller A, Siepen BM, Mueller M, Strambo D, Michel P, Schaerer M, Cereda CW, Bianco G, Lindheimer F, Berger C, Medlin F, Backhaus R, Peters N, Renaud S, Fisch L, Niederhaeuser J, Carrera E, Dirren E, Bonvin C, Sturzenegger R, Kahles T, Nedeltchev K, Kaegi G, Vehoff J, Rodic B, Bolognese M, Schelosky L, Salmen S, Mono ML, Polymeris AA, Engelsteter ST, Lyrer P, Wegener S, Luft AR, Z'Graggen W, Bervini D, Volbers B, Dobrocky T, Kaesmacher J, Mordasini P, Meinel TR, Arnold M, Fandino J, Bonati LH, Fischer U, Seiffge DJ, Investigators SSR: **Etiology, 3-Month Functional Outcome and Recurrent Events in Non-Traumatic Intracerebral Hemorrhage.** *J Stroke* 2022, 24(2):266-277. IF 7.9

Gschwind M, Garcia Segarra N, Schaller A, Bolognini R, Nuoffer JM, Hourez R, Deprez M, Lhermitte B, Maeder P, Tran C, Kuntzer T: **Early-onset leukoencephalomyopathy due to a biallelic NDUV1 variant in a mid-forties patient.** *Ann Clin Transl Neurol* 2022, 9(6):888-892. IF 5.4

Gschwind M, Zima B, Nedeltchev K, van Mierlo P, Ruegg S: **Tracking Multifocal Epilepsy With Automated Electric Source Imaging in a Patient With Triple-X Syndrome.** *J Clin Neurol* 2022, 18(1):96-98. IF 2.5

Ovchinnikov A, Findling O: **An overview of pivotal trials and real-world evidence for CD20-depleting therapy in multiple sclerosis : Immunotherapy with rituximab, ocrelizumab, and ofatumumab.** *Wien Med Wochenschr* 2022, 172(15-16):359-364. IF 1.1

Sajonz BEA, Frommer ML, Walz ID, Reisert M, Maurer C, Rijntjes M, Piroth T, Schroter N, Jenkner C, Reinacher PC, Brumberg J, Meyer PT, Blazhenets G, Coenen VA: **Unravelling delayed therapy escape after thalamic deep brain stimulation for essential tremor? - Additional clinical and neuroimaging evidence.** *Neuroimage Clin* 2022, 36:103150. IF 4.8

Schweizer J, Arnold M, Konig IR, Bicovic A, Westphal LP, Schutz V, Inauen C, Scherrer N, Luft A, Galovic M, Ferreira Atuesta C, Pokorny T, Arnold M, Fischer U, Bonati LH, De Marchis GM, Kahles T, Nedeltchev K, Cereda CW, Kagi G, Bustamante A, Montaner J, Ntaios G, Sagris D, Foerch C, Spanaus K, von Eckardstein A, Katan M: **Measurement of Midregional Pro-Atrial Natriuretic Peptide to Discover Atrial Fibrillation in Patients With Ischemic Stroke.** *J Am Coll Cardiol* 2022, 79(14):1369-1381. IF 24.0

Stauffer A, Tortora A, Marbacher S, Frey J, Gschwind M, Weinmann C, Gruber P, Berberat J, Luedi MM, Andereggen L: **Refractory photophobia elicited during awake craniotomy for the resection of a temporal high-grade glioma.** *J Clin Anesth* 2022, 78:110650. IF 9.3

Strambo D, De Marchis GM, Bonati LH, Arnold M, Carrera E, Galletta S, Nedeltchev K, Kahles T, Cereda CW, Bianco G, Kagi G, Luft AR, Bolognese M, Lakatos LB, Salmen S, Correia P, Sturzenegger R, Sylvan A, Medlin F, Berger C, Lindheimer F, Baumgartner M, Schelosky L, Bonvin C, Mono ML, Rodic B, von Reding A, Schwegler G, Massini F, Tarnutzer AA, Taheri S, Peters N, Beyeler M, Altersberger V, Engelsteter ST, Fischer U, Michel P, Swiss Stroke Registry I: **Ischemic stroke in COVID-19 patients: Mechanisms, treatment, and outcomes in a consecutive Swiss Stroke Registry analysis.** *Eur J Neurol* 2022, 29(3):732-743. IF 6.0

**BEREICH MEDIZIN**

Wagner B, Lorscheider J, Wiencierz A, Blackham K, Psychogios M, Bolliger D, De Marchis GM, Engelter ST, Lyrer P, Wright PR, Fischer U, Mordasini P, Nannoni S, Puccinelli F, Kahles T, Bianco G, Carrera E, Luft AR, Cereda CW, Kagi G, Weber J, Nedeltchev K, Michel P, Gralla J, Arnold M, Bonati LH, Swiss Stroke Registry I: **Endovascular Treatment for Acute Ischemic Stroke With or Without General Anesthesia: A Matched Comparison.** *Stroke* 2022, 53(5):1520-1529. IF 10.1

**Pneumologie und Schlafmedizin**

Huebner ST, Henny S, Giezendanner S, Brack T, Brutsche M, Chhajed P, Clarenbach C, Dieterle T, Egli A, Frey M, Heijnen I, Irani S, Sievi NA, Thurnheer R, Trendelenburg M, Kohler M, Leuppi-Taegtmeyer AB, Leuppi JD: **Prediction of Acute COPD Exacerbation in the Swiss Multicenter COPD Cohort Study (TOPDOCS) by Clinical Parameters, Medication Use, and Immunological Biomarkers.** *Respiration* 2022, 101(5):441-454. IF 3.9

**Klinik für Rheumatologie und Immunologie**

Amstad A, Papagiannoulis E, Scherer A, Rubbert-Roth A, Finch A, Mueller R, Dudler J, Moller B, Villiger PM, Schulz MMP, Kyburz D: **Comparison of drug retention of TNF inhibitors, other biologics and JAK inhibitors in RA patients who discontinued JAK inhibitor therapy.** *Rheumatology (Oxford)* 2022, 62(1):89-97. IF 7.0

Mischlinger J, Jaeger VK, Ciurea A, Gabay C, Hasler P, Mueller RB, Siegrist CA, Villiger P, Walker UA, Hatz C, Buhler S: **Long-term persistence of antibodies after diphtheria/tetanus vaccination in immunosuppressed patients with inflammatory rheumatic diseases and healthy controls.** *Vaccine* 2022, 40(33):4897-4904. IF 4.9

Rubeli S, Conen A, Diepers M, Bernasconi L, Hasler P, Mueller RB: **Successful Treatment of Rheumatoid Meningitis Associated With a Decrease of ACPA Antibody Index.** *J Clin Rheumatol* 2022, 28(2):e667-e669. IF 3.9

Ruocco A, Sirico A, Novelli R, Iannelli S, Van Breda SV, Kyburz D, Hasler P, Aramini A, Amendola PG: **The role of C5a-C5aR1 axis in bone pathophysiology: A mini-review.** *Front Cell Dev Biol* 2022, 10:957800. IF 6.0

Thalmann R, von Kempis J, Zgraggen A, Graf N, Schiff M, Sokka T, Dietrich T, Schulze-Koops H, Mueller RB: **Analysis of patients with rheumatoid arthritis and higher radiographic progression: association of very high radiographic progression but not of intermediately high with worsening of patient-related outcomes.** *Clin Exp Rheumatol* 2022, 40(3):589-595. IF 4.8

Zgraggen A, Stoffel ST, Barbier MC, Marbet UA: **Colorectal cancer surveillance by colonoscopy in a prospective, population-based long-term Swiss screening study – outcomes, adherence, and costs.** *Z Gastroenterol* 2022, 60(5):761-778. IF 1.7

**BEREICH CHIRURGIE****Augenklinik**

Altay HY, Ozdemir F, Afghah F, Kilinc Z, Ahmadian M, Tschopp M, Agca C: **Gene regulatory and gene editing tools and their applications for retinal diseases and neuroprotection: From proof-of-concept to clinical trial.** *Front Neurosci* 2022, 16:924917. IF 5.1

Bruegger D, Koth AL, Dysli M, Goldblum D, Abegg M, Tschopp M, Tappeiner C: **Evaluation of the Reddesa Chart, a New Red Desaturation Testing Method, for Optic Neuritis Screening and Grading in Clinical Routine.** *Front Neurol* 2022, 13:898064. IF 4.0

Delgadillo MT, Dysli M: **[Uveal Effusion Syndrome, Myopia, and Bilateral Secondary Angle Closure as Initial Manifestations of Systemic Lupus Erythematosus (SLE)].** *Klin Monbl Augenheilkd* 2022, 239(4):565-567. IF 0.7

Enz TJ, Maloca PM, Tschopp M, Menke MN, Tribble JR, Williams PA, Inglis N, Steitz U, Scholl HPN, Papazoglou A: **Volume-rendered optical coherence tomography angiography during ocular interventions: Advocating for noninvasive intraoperative retinal perfusion monitoring.** *J Biophotonics* 2022, 15(12):e202200169. IF 3.3

Enz TJ, Tschopp M: **Assessment of Orbital Compartment Pressure: A Comprehensive Review.** *Diagnostics (Basel)* 2022, 12(6). IF 3.9

Menna F, Meduri A, Lupo S, Vingolo EM: **WAMD: From Pathophysiology to Therapeutic Treatments.** *Biomedicines* 2022, 10(8). IF 4.7

Munk MR, Somfai GM, de Smet MD, Donati G, Menke MN, Garweg JG, Ceklic L: **The Role of Intravitreal Corticosteroids in the Treatment of DME: Predictive OCT Biomarkers.** *Int J Mol Sci* 2022, 23(14). IF 6.2

Papazoglou A, Chrysanthou T, Goldblum D, Tschopp M, Enz TJ: **Evaluation of Bicanalicular Nasolacrimal Duct Intubation as an Adjunct in Surgical Ectropion Correction.** *Medicina (Kaunas)* 2022, 58(8). IF 0.6

**BEREICH CHIRURGIE**

- Salletta G, Alexoudis A, Gatzios Z, Grieshaber M, Papazoglou A, Tschopp M, Toteberg M, Gugleta K: **Retrospective Analysis of 12 Months Glaucoma Implant Efficacy: XEN45 and PreserFlo Microshunt.** *Klin Monbl Augenheilkd* 2022, 239(4):429-434. IF 0.7
- Turgut F, Bograd A, Jeltsch B, Weber A, Schwarzer P, Ciotu IM, Amaral J, Menke MN, Thommen F, Tandogan T, Tappeiner C: **Occurrence and outcome of firework-related ocular injuries in Switzerland: A descriptive retrospective study.** *BMC Ophthalmol* 2022, 22(1):296. IF 2.1

**Universitäres Zentrum für Gefäßchirurgie Aarau/Basel**

- Isaak A, Jorg L, Attigah N, Thalhammer C, Staub D, Aschwanden M, Richarz S: **Practical guide of vascular ultrasound in arterio-venous fistulae.** *Vasa* 2022. IF 2.3
- Isaak A, Wolff T, Zdoroveac A, Taher F, Gurke L, Richarz S, Akifi S: **Ultrasound-Guided Percutaneous Arteriovenous Fistula Creation Simulation Training in a Lifelike Flow Model.** *Bioengineering (Basel)* 2022, 9(11). IF 5.0
- Mamadnabiev I, Imfeld S, Gurke L, Aschwanden M, Isaak A: **A telemedicine communication exchange network in Gorno-Badakhshan Autonomic Oblast in collaboration with Swiss Surgical Teams.** *J Telemed Telecare* 2022, 28(7):488-493. IF 6.3

**Klinik für Plastische Chirurgie und Handchirurgie**

- Ederer IA, Spennato S, Nguyen CT, Wehle A, Wachtel C, Kiehlmann M, Hacker S, Kueenzen 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* 2022. IF 2.7
- 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* 2022. IF 2.7
- Targosinski S, Henzi A, Engmann AK, Rushing EJ, Barth AA, Klein HJ, Kim BS, Giovanoli P, Schwab ME, Plock JA, Schweizer R: **A swim test for functional assessment of rodent peripheral nerve regeneration.** *J Neurosci Methods* 2022, 379:109663. IF 6.1
- 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* 2022. IF 2.1
- Tereshenko V, Schweizer R, Waldner M, Kim BS, Giovanoli P, Klein HJ: **Outcome Comparison of Different Reconstructive Approaches for Axillary Defects Secondary to Radical Excision of Hidradenitis Suppurativa.** *Dermatology* 2022, 238(5):851-859. IF 4.0
- Waldner M, Ismail T, Lunger A, Klein HJ, Schweizer R, Alan O, Breckwoldt T, Giovanoli P, Plock JA: **Evolution of a concept with enzymatic debridement and autologous *in situ* cell and platelet-rich fibrin therapy (BroKerF).** *Scars Burn Heal* 2022, 8:20595131211052394. IF 2.1

**Klinik für HNO-Krankheiten, Hals- und Gesichtschirurgie**

- Horvath L, Fostopoulos K, Burri E, Kraft M: **Comparison of transnasal esophagoscopy and sedated esophagogastroduodenoscopy in the assessment of laryngopharyngeal reflux.** *Clin Otolaryngol* 2022. IF 2.7
- Liu DT, Phillips KM, Houssein FA, Speth MM, Besser G, Mueller CA, Sedaghat AR: **Dedicated Olfaction and Taste Items do not Improve Psychometric Performance of the SNOT-22.** *Laryngoscope* 2022, 132(8):1644-1651. IF 2.9
- Liu DT, Phillips KM, Speth MM, Besser G, Mueller CA, Sedaghat AR: **Exploring possibilities for shortening the 22-item Sino-Nasal Outcome Test (SNOT-22) using item response theory.** *Int Forum Allergy Rhinol* 2022, 12(2):191-199. IF 5.4
- Liu DT, Phillips KM, Speth MM, Besser G, Mueller CA, Sedaghat AR: **Item Response Theory for Psychometric Properties of the SNOT-22 (22-Item Sinonasal Outcome Test).** *Otolaryngol Head Neck Surg* 2022, 166(3):580-588. IF 5.5
- Liu DT, Phillips KM, Speth MM, Besser G, Mueller CA, Sedaghat AR: **Portable HEPA Purifiers to Eliminate Airborne SARS-CoV-2: A Systematic Review.** *Otolaryngol Head Neck Surg* 2022, 166(4):615-622. IF 5.5
- Muller M, Honegger F, Podvinec M, Metternich F, Gurtler N: **Silastic sheeting in staged ear surgery: Is there still a role for this procedure?** *Eur Arch Otorhinolaryngol* 2022, 279(3):1203-1210. IF 3.2
- Phillips KM, Houssein FA, Speth MM, Sedaghat AR: **Utility of Visual Analog Scale of Subdomain Scores of the 22-Item Sinonasal Outcome Test in Chronic Rhinosinusitis.** *Otolaryngol Head Neck Surg* 2022, 167(2):391-394. IF 5.5
- Singer-Cornelius T, Arnoux A, Ahmad N: **[Cervical swelling and hoarseness - a rare cause].** *Laryngorhinootologie* 2022, 101(12):992-994. IF 0.9

**BEREICH CHIRURGIE**

- Speth MM, Ahmad N, Speth US, Sedaghat AR, Magagna-Poveda A: **[Canalicular adenoma presenting as epipharyngeal tumour - a case report].** *Laryngorhinootologie* 2022, 101(3):241-244. IF 0.9
- Speth MM, Speth US, Sedaghat AR, Hummel T: **[Olfactory and gustatory disorders].** *HNO* 2022, 70(2):157-166. IF 1.3
- 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* 2022;1945998221120188. IF 5.5
- Walker V, Trope M, Tichavakunda AA, Speth MM, Sedaghat AR, Phillips KM: **Disease control in chronic rhinosinusitis: a qualitative study of patient perspectives.** *Rhinology* 2022, 60(4):282-292. IF 7.6

**Kinderchirurgie**

- Grosshauser M, Ohletz T, Oesch V, Muller CO: **Tips and Tricks-3 Use Cases of Interdisciplinary Knowledge Transfer in Minimally Invasive Pediatric Surgery.** *Children (Basel)* 2022, 9(9). IF 2.8
- Kleine-Brueggeney M, Grosshauser M, Greif R: **Apneic oxygenation in pediatric anesthesia.** *Curr Opin Anaesthesiol* 2022, 35(3):361-366. IF 2.7

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

- Beiglboeck FM, Theofilou NE, Fuchs MD, Wiesli MG, Leiggner C, Igelbrink S, Augello M: **Managing mucormycosis in diabetic patients: A case report with critical review of the literature.** *Oral Dis* 2022, 28(3):568-576. IF 4.0
- Msallem B, Maintz M, Halbeisen FS, Meyer S, Sigran GR, Sharma N, Cao S, Thieringer FM: **Biomechanical Evaluation of Patient-Specific Polymethylmethacrylate Cranial Implants for Virtual Surgical Planning: An In-Vitro Study.** *Materials (Basel)* 2022, 15(5). IF 3.7
- Toferer A, Sampi L, Zemann W, Metzler P: **[Local anesthetics with elderly patients].** *Swiss Dent J* 2022, 132(9):614-615. IF 0.5
- Wallner J, Rieder M, Schwaiger M, Pau M, Zrnc T, Zemann W, Metzler P: **[Metronidazole - spectrum of activity, use and side effects].** *Swiss Dent J* 2022, 132(6):433-435. IF 0.5
- Wiesli MG, Livio F, Achermann Y, Gautier E, Wahl P: **Wound fluid ceftriaxone concentrations after local application with calcium sulphate as carrier material in the treatment of orthopaedic device-associated hip infections.** *Bone Joint Res* 2022, 11(11):835-842. IF 5.8

**Klinik für Neurochirurgie und Hirntumorzentrum**

- Anderegg L, Amin-Hanjani S, Beck J, Luedi MM, Gralla J, Schubert GA, Tortora A, Andres RH, Arnold M, Raabe A, Reinert M: **Prediction of Long-Term Restenosis After Carotid Endarterectomy Using Quantitative Magnetic Resonance Angiography.** *Front Neurol* 2022, 13:862809. IF 4.0
- Anderegg L, Anderegg S, Bello C, Urman RD, Luedi MM: **Technical skills in the operating room: Implications for perioperative leadership and patient outcomes.** *Best Pract Res Clin Anaesthesiol* 2022, 36(2):237-245. IF 3.5
- Anderegg L, Gruber P, Anon J, Tortora A, Steiger HJ, Schubert GA, Marbacher S, Remonda L: **Spontaneous regression of multiple flow-related aneurysms following treatment of an associated brain arteriovenous malformation: A case report.** *Front Surg* 2022, 9:860416. IF 2.5
- Angermann M, Jablawi F, Angermann M, Conzen-Dilger C, Schubert GA, Hollig A, Veldeman M, Reich A, Hasan D, Ridwan H, Clusmann H, Wiesmann M, Nikoubashman O: **Clinical Outcome and Prognostic Factors of Patients with Perimesencephalic and Nonperimesencephalic Subarachnoid Hemorrhage.** *World Neurosurg* 2022, 165:e512-e519. IF 2.1
- Bello C, Anderegg L, Luedi MM, Beilstein CM: **Postcraniotomy Headache: Etiologies and Treatments.** *Curr Pain Headache Rep* 2022, 26(5):357-364. IF 3.4
- Bello C, Filipovic MG, Anderegg L, Heidegger T, Urman RD, Luedi MM: **Building a well-balanced culture in the perioperative setting.** *Best Pract Res Clin Anaesthesiol* 2022, 36(2):247-256. IF 3.5
- Bello C, Paisansathan C, Riva T, Luedi MM, Anderegg L: **Anesthesia care in the interventional neuroradiology suite: an update.** *Curr Opin Anaesthesiol* 2022, 35(4):457-464. IF 2.7
- Bello C, Urman RD, Anderegg L, Doll D, Luedi MM: **Operational and strategic decision making in the perioperative setting: Meeting budgetary challenges and quality of care goals.** *Best Pract Res Clin Anaesthesiol* 2022, 36(2):265-273. IF 3.8
- Conzen C, Weiss M, Albanna W, Seyfried K, Schmidt TP, Nikoubashman O, Stoppe C, Clusmann H, Schubert GA: **Baseline characteristics and outcome for aneurysmal versus non-aneurysmal subarachnoid hemorrhage: a prospective cohort study.** *Neurosurg Rev* 2022, 45(2):1413-1420. IF 3.5

**BEREICH CHIRURGIE**

- Croci DM, Sivanrupan S, Wanderer S, Agnoletto GJ, Chiappini A, Gruter BE, Anderegg L, Mariani L, Taussky P, Marbacher S: **Preclinical and clinical role of interleukin-6 in the development of delayed cerebral vasospasm and neuronal cell death after subarachnoid hemorrhage: towards a potential target therapy?** *Neurosurg Rev* 2022, 45(1):395-403. IF 2.8
- Gruter BE, Anderegg L: **Growing Fat Tissue After Grafting for Dural Sealing.** *World Neurosurg* 2022. IF 2.1
- Gruter BE, von Faber-Castell F, Marbacher S: **Lumen-oriented versus wall-oriented treatment strategies for intracranial aneurysms - A systematic review of suggested therapeutic concepts.** *J Cereb Blood Flow Metab* 2022, 42(9):1568-1578. IF 6.3
- 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* 2022. IF 5.3
- Halter M, Wanderer S, Gruter B, Anon J, Diepers M, Gruber P, Anderegg L, Remonda L, Marbacher S: **Interrater and intrarater agreement superior for three-dimensional digital subtraction angiography (3D-DSA) over 2D-DSA classification for detecting remnants after intracranial aneurysm clipping, a GRRAS Reliability and Agreement Study.** *Acta Neurochir (Wien)* 2022, 164(8):2173-2179. IF 2.8
- Huber M, Luedi MM, Anderegg L: **Commentary: Automated Machine Learning Model Development for Intracranial Aneurysm Treatment Outcome Prediction: A Feasibility Study.** *Front Neurol* 2022, 13:878091. IF 4.0
- Huber M, Luedi MM, Schubert GA, Musahl C, Tortora A, Frey J, Beck J, Mariani L, Christ E, Anderegg L: **Machine Learning for Outcome Prediction in First-Line Surgery of Prolactinomas.** *Front Endocrinol (Lausanne)* 2022, 13:810219. IF 5.5
- Jost JN: **Primary Decompressive Craniectomy After Traumatic Brain Injury: A Literature Review.** *Cureus* 2022, 14(10):e29894. IF 1.1
- Kienzler JC, Fandino J: **Adaptive Hybrid Surgery Experiences in Benign Skull Base Tumors.** *Brain Sci* 2022, 12(10). IF 3.3
- Kienzler JC, Schoepf S, Marbacher S, Diepers M, Remonda L, Fandino J: **Intraoperative Spinal Angiography during Microsurgical Occlusion of Spinal Dural Arteriovenous Fistula within the Hybrid Operation Room.** *J Neurol Surg A Cent Eur Neurosurg* 2022, 83(5):486-493. IF 0.9
- Konczalla J, Mrosek J, Kashefiolasl S, Musahl C, Marbacher S, Schubert GA, Anderegg L, Wanderer S: **The Effect of Losartan on Neuroinflammation as Well as on Endothelin-1- and Serotonin-Induced Vasoconstriction in a Double-Haemorrhage Rat Model.** *J Clin Med* 2022, 11(24). IF 4.9
- 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* 2022;1-7. IF 5.1
- Megjhani M, Weiss M, Kwon SB, Ford J, Nametz D, Kastenholz N, Fogel H, Velazquez A, Roh D, Agarwal S, Connolly ES, Jr., Claassen J, Schubert GA, Park S: **Vector Angle Analysis of Multimodal Neuromonitoring Data for Continuous Prediction of Delayed Cerebral Ischemia.** *Neurocrit Care* 2022, 37(Suppl 2):230-236. IF 3.5
- Mihalj M, Corona A, Anderegg L, Urman RD, Luedi MM, Bello C: **Managing bottlenecks in the perioperative setting: Optimizing patient care and reducing costs.** *Best Pract Res Clin Anaesthesiol* 2022, 36(2):299-310. IF 3.8
- Mijderwijk HJ, Steiger HJ: **Predictive Analytics in Clinical Practice: Advantages and Disadvantages.** *Acta Neurochir Suppl* 2022, 134:263-268. IF k.A.
- 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* 2022. IF 6.8
- Ouwens DM, Hewera M, Li G, Di W, Muhammad S, Hanggi D, Steiger HJ, Dumitru CA, Sandalcioglu E, Croner RS, Zhang W, Kakhlon O, Kahlert UD: **Canonical WNT pathway inhibition reduces ATP synthesis rates in glioblastoma stem cells.** *Front Biosci (Landmark Ed)* 2022, 27(1):35. IF 3.1
- Raabe A, Beck J, Goldberg J, WJ ZG, Branca M, Marbacher S, D'Alonzo D, Fandino J, Stienen MN, Neidert MC, Burkhardt JK, Regli L, Hlavica M, 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, Fung C: **Herniation World Federation of Neurosurgical Societies Scale Improves Prediction of Outcome in Patients With Poor-Grade Aneurysmal Subarachnoid Hemorrhage.** *Stroke* 2022, 53(7):2346-2351. IF 7.9
- 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* 2022. IF 5.3

**BEREICH CHIRURGIE**

Schmidt TP, Albanna W, Weiss M, Veldeman M, Conzen C, Nikoubashman O, Blume C, Kluger DS, Clusmann H, Loosen SH, Schubert GA: **The Role of Soluble Urokinase Plasminogen Activator Receptor (suPAR) in the Context of Aneurysmal Subarachnoid Hemorrhage (aSAH)-A Prospective Observational Study.** *Front Neurol* 2022, 13:841024. IF 2.5

Schmidt TP, Weiss M, Hoellig A, Nikoubashman O, Schulze-Steinen H, Albanna W, Clusmann H, Schubert GA, Veldeman M: **Revisiting the Timeline of Delayed Cerebral Ischemia After Aneurysmal Subarachnoid Hemorrhage: Toward a Temporal Risk Profile.** *Neurocrit Care* 2022, 37(3):735-743. IF 3.5

Stauffer A, Tortora A, Marbacher S, Frey J, Gschwind M, Weinmann C, Gruber P, Berberat J, Luedi MM, Andereggen L: **Refractory photophobia elicited during awake craniotomy for the resection of a temporal high-grade glioma.** *J Clin Anesth* 2022, 78:110650. IF 9.3

Steiger HJ, Ensner R, Andereggen L, Remonda L, Berberat J, Marbacher S: **Hemodynamic response and clinical outcome following intravenous milrinone plus norepinephrine-based hyperdynamic hypertensive therapy in patients suffering secondary cerebral ischemia after aneurysmal subarachnoid hemorrhage.** *Acta Neurochir (Wien)* 2022, 164(3):811-821. IF 2.8

Steiger HJ, Vollmer K, Rogers S, Schwyzler L: **State of affairs regarding targeted pharmacological therapy of cancers metastasized to the brain.** *Neurosurg Rev* 2022, 45(5):3119-3138. IF 2.8

Veldeman M, Weiss M, Albanna W, Nikoubashman O, Schulze-Steinen H, Clusmann H, Hoellig A, Schubert GA: **Incremental Versus Immediate Induction of Hypertension in the Treatment of Delayed Cerebral Ischemia After Subarachnoid Hemorrhage.** *Neurocrit Care* 2022, 36(3):702-714. IF 3.5

Veldeman M, Weiss M, Daleiden L, Albanna W, Schulze-Steinen H, Nikoubashman O, Clusmann H, Hoellig A, Schubert GA: **Decompressive hemicraniectomy after aneurysmal subarachnoid hemorrhage-justifiable in light of long-term outcome?** *Acta Neurochir (Wien)* 2022, 164(7):1815-1826. IF 2.8

Wanderer S, Andereggen L, Mrosek J, Kashefiolasl S, Schubert GA, Marbacher S, Konczalla J: **Levosimendan as a therapeutic strategy to prevent neuroinflammation after aneurysmal subarachnoid hemorrhage?** *J Neurointerv Surg* 2022, 14(4):408-412. IF 8.5

Wanderer S, Gruter BE, Boillat G, Sivanrupan S, Rey J, Catalano K, vonGunten M, Widmer HR, Andereggen L, Marbacher S: **Parent artery-initiated and stent-mediated neointima formation in a rat saccular side wall model.** *J Neurointerv Surg* 2022, 14(12):1258-1263. IF 8.5

Wanderer S, Gruter BE, Kumin J, Boillat G, Sivanrupan S, Catalano K, von Gunten M, Widmer HR, Marbacher S, Andereggen L: **Using a Cell-Tracer Injection to Investigate the Origin of Neointima-Forming Cells in a Rat Saccular Side Wall Model.** *J Vis Exp* 2022(181). IF 1.3

Wanderer S, Gruter BE, Strange F, Boillat G, Sivanrupan S, Rey J, von Gunten M, Remonda L, Widmer HR, Casoni D, Andereggen L, Fandino J, Marbacher S: **Aspirin treatment prevents inflammation in experimental bifurcation aneurysms in New Zealand White rabbits.** *J Neurointerv Surg* 2022, 14(2):189-195. IF 8.5

Warner L, Bach-Hagemann A, Albanna W, Clusmann H, Schubert GA, Lindauer U, Conzen-Dilger C: **Vascular Reactivity to Hypcapnia Is Impaired in the Cerebral and Retinal Vasculature in the Acute Phase After Experimental Subarachnoid Hemorrhage.** *Front Neurol* 2021, 12:757050. IF 4.0

Weiss M, Albanna W, Conzen-Dilger C, Kastenholz N, Seyfried K, Ridwan H, Wiesmann M, Veldeman M, Schmidt TP, Megjhani M, Schulze-Steinen H, Clusmann H, Aries MJH, Park S, Schubert GA: **Intraarterial Nimodipine Versus Induced Hypertension for Delayed Cerebral Ischemia: A Modified Treatment Protocol.** *Stroke* 2022, 53(8):2607-2616. IF 7.9

Yusuf S, Aretz P, Nickel AC, Westhoff P, Sharma A, Qin N, Remke M, Steiger HJ, Hanggi D, Liu H, Liu H, Neumann S, Reifenberger G, Maciaczyk J: **WNT/beta-Catenin-Mediated Resistance to Glucose Deprivation in Glioblastoma Stem-like Cells.** *Cancers (Basel)* 2022, 14(13). IF 6.5

**Klinik für Orthopädie & Traumatologie**

Eberlein SC, Rodriguez V, Hecker A, Schurholz K, Ahmad SS, Klenke FM: **Collagen wrapping and local platelet-rich fibrin do not improve the survival rates of ACL repair with dynamic intraligamentary stabilization: a retrospective case series after >/=5 years postoperatively.** *J Exp Orthop* 2022, 9(1):77. IF 2.1

Frank FA, Gerber L, Cornelius A, Baumhoer D, Krieg AH: **FGF-23 transmitted tumor – induced hypophosphatemic osteomalacia: A rare case of a young woman with recurrent fractures and review of the literature.** *J Bone Oncol* 2022, 33:100413. IF 4.4

Frank FA, Papp K, Toft F: **Open reduction and rotator cuff repair of irreducible traumatic shoulder dislocation with sleeve-avulsion and glenohumeral interposition of the cuff: a case report and review of the literature.** *JSES Reviews, Reports, and Techniques* 2022. IF 3.5

## BEREICH CHIRURGIE

- Toft F: **Surgical resection of a giant intramuscular lipoma of the biceps brachii: a case report and review of the literature.** *Arch Orthop Trauma Surg* 2022, 142(3):373-379. IF 2.9
- Vuillemenin N, Steppacher SD, Meier MK, Buchler L: **[Treatment strategies for the combination of hip dysplasia, femoroacetabular impingement and malrotation of the proximal femur : How much should be corrected?].** *Orthopadie (Heidelberg)* 2022, 51(6):438-449. IF 1.0
- Vuillemenin N, Büchler L, Steppacher SD, Meier MK: **Prävalenz, Biomechanik und Diagnostik femoraler Achs- und Torsionsfehler.** *Arthroskopie* 2022, 35, 48-54. IF 0.1
- Zurmuhle CA, Zickmantel B, Christen M, Christen B, Zheng G, Schwab JM, Tannast M, Steppacher SD: **Image-Less THA Cup Navigation in Clinical Routine Setup: Individual Adjustments, Accuracy, Precision, and Robustness.** *Medicina (Kaunas)* 2022, 58(6). IF 2.9

## Klinik für Urologie

- 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* 2022. IF 5.9
- Millan C, Prause L, Vallmajo-Martin Q, Hensky N, Eberli D: **Extracellular Vesicles from 3D Engineered Microtissues Harbor Disease-Related Cargo Absent in EVs from 2D Cultures.** *Adv Healthc Mater* 2022, 11(5):e2002067. IF 11.0
- Rentsch CA, Thalmann GN, Lucca I, Kwiatkowski M, Wirth GJ, Strebel RT, Engeler D, Pedrazzini A, Huttenbrink C, Schultze-Seemann W, Torpai R, Bubendorf L, Wicki A, Roth B, Bosshard P, Puschel H, Boll DT, Hefermehl L, Roghmann F, Gierth M, Ribi K, Schafer S, Hayoz S: **A Phase 1/2 Single-arm Clinical Trial of Recombinant Bacillus Calmette-Guerin (BCG) VPM1002BC Immunotherapy in Non-muscle-invasive Bladder Cancer Recurrence After Conventional BCG Therapy: SAKK 06/14.** *Eur Urol Oncol* 2022, 5(2):195-202. IF 8.5
- Riesterer O, Ademaj A, Puric E, Eberle B, Beck M, Gomez S, Marder D, Oberacker E, Rogers S, Hälg RA, Kern T, Schwenne S, Stein J, Stutz E, Timm O, Zschaek S, Weyland MS, Veltsista PD, Wyler S, Wust P, Scheidegger S, Bodis S, Ghadjar P: **Tetra-modal therapy with transurethral resection followed by chemoradiation in combination with hyperthermia for muscle-invasive bladder cancer: early results of a multicenter phase IIB study.** *Int J Hyperthermia* 2022, 39(1):1078-1087. IF 3.9
- Sibert NT, Pfaff H, Breidenbach C, Wesselmann S, Roth R, Feick G, Carl G, Dieng S, Gaber AA, Blana A, Darr C, Distler F, Kunath F, Bedke J, Erdmann J, Minner J, Simon J, Kwiatkowski M, Burchardt M, Harz N, Conrad S, Hofner T, Knoll T, Beyer B, Hammerer P, Kowalski C: **Variation across operating sites in urinary and sexual outcomes after radical prostatectomy in localized and locally advanced prostate cancer.** *World J Urol* 2022, 40(6):1437-1446. IF 3.6
- Wetterauer C, Federer-Gsponer JR, Leboutte F, Mona R, Ebbing J, Rentsch CA, Manka L, Seifert HH, Wyler S, Recker F, Kwiatkowski M: **Indication for Active Surveillance in the Era of MRI-Targeted Prostate Biopsies.** *Urol Int* 2022, 106(1):83-89. IF 1.9

## Viszeralchirurgie

- Anthis AHC, Schlegel AA, Hartel M, Herrmann IK: **Sutureless gastrointestinal anastomoses.** *Nat Biomed Eng* 2022, 6(10):1089-1091. IF 29.2
- 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* 2022. IF 1.4
- Faulhaber S, Schindera S, Hartel M, Grafitsch A: **Report of two rare manifestations of abdominal tuberculosis mimicking neoplasia.** *J Surg Case Rep* 2022, 2022(3):rjac079. IF 0.4
- Sommerauer L, Phy A, Pion E, Zucal I, Klingelhofer E, Thu S, Win T, Khin S, Kyaw T, Zaw HH, Htwe MM, Fabbri N, Haertel S, Aung T: **Modified Borggreve-Van Nes-Winkelmann rotationplasty for surgery in developing countries.** *BMC Surg* 2022, 22(1):333. IF 2.0
- Staubli SM, Kettelhack C, Oertli D, von Holzen U, Zingg U, Mattiello D, Rosenberg R, Mechera R, Rosenblum I, Pfefferkorn U, Kollmar O, Nebiker CA: **Efficacy of intraoperative cholangiography versus preoperative magnetic resonance cholangiography in patients with intermediate risk for common bile duct stones.** *HPB (Oxford)* 2022, 24(11):1898-1906. IF 3.6

**BEREICH CHIRURGIE**

Wiesler B, Gass JM, Viehl CT, Muller A, Metzger J, Hartel M, Nebiker C, Rosenberg R, Galli R, Zingg U, Ochsner A, Eisner L, Pabst M, Worni M, Henschel M, von Flue M, Zuber M, von Strauss Und Torney M: **Evaluation of the Introduction of a Colorectal Bundle in Left Sided Colorectal Resections (EvaCol): Study Protocol of a Multicentre, Observational Trial.** *Int J Surg Protoc* 2022, 26(1):57-67. IF 0.9

Wolf HW, Runkel N, Limberger K, Nebiker CA: **Near-infrared autofluorescence of the parathyroid glands during thyroidectomy for the prevention of hypoparathyroidism: a prospective randomized clinical trial.** *Langenbecks Arch Surg* 2022, 407(7):3031-3038. IF 2.8

**BEREICH FRAUEN UND KINDER****Frauenklinik**

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* 2022. IF 1.9

Favre G, Maisonneuve E, Pomar L, Winterfeld U, Daire C, Martinez de Tejada B, Delecraz D, Campelo S, Moser M, Todesco-Bernasconi M, Sturm S, Hosli I, Monod C, Frey Tirri B, Kalimeris S, Blume C, Mathis J, Zimmerman R, Radan AP, Surbek D, Baud D, Panchaud A: **COVID-19 mRNA vaccine in pregnancy: Results of the Swiss COVI-PREG registry, an observational prospective cohort study.** *Lancet Reg Health Eur* 2022, 18:100410. IF k.A.

Siegenthaler F, Johann S, Imboden S, Samartzis N, Ledermann-Liu H, Sarlos D, Eberhard M, Mueller MD: **Prospective Multicenter Trial Assessing the Impact of Positive Peritoneal Cytology Conversion on Oncological Outcome in Patients with Endometrial Cancer Undergoing Minimally Invasive Surgery with the use of an Intrauterine Manipulator : Positive Peritoneal Cytology Conversion and Its Association with Oncological Outcome in Endometrial Cancer.** *Ann Surg Oncol* 2022, 29(13):8320-8333. IF 4.3

Siegenthaler F, Johann S, Imboden S, Samartzis N, Ledermann-Liu H, Sarlos D, Eberhard M, Mueller MD: **ASO Visual Abstract: Prospective Multicenter Trial Assessing the Impact of Positive Peritoneal Cytology Conversion on Oncological Outcome in Patients with Endometrial Cancer Undergoing Minimally Invasive Surgery with the Use of an Intrauterine Manipulator : Positive Peritoneal Cytology Conversion and Its Association with Oncological Outcome in Endometrial Cancer.** *Ann Surg Oncol* 2022, 29(13):8336-8337. IF 4.3

**Kinderspital**

Adams M, Schulzke SM, Rogdo B, Meyer P, McDougall J, Stocker M, Schneider J, Riedel T, Pfister R, Bassler D, Swiss Neonatal N: **Impact of SARS-CoV-2 on incidence, treatment and outcome of very preterm born infants in Switzerland: a retrospective, population-based cohort study.** *Swiss Med Wkly* 2022, 152:w30174. IF 2.1

Aguilar C, Regensburger AP, Knieling F, Wagner AL, Siebenlist G, Woelfle J, Koehler H, Hoerning A, Jungert J: **Pediatric Buried Bumper Syndrome: Diagnostic Validity of Transabdominal Ultrasound and Artificial Intelligence.** *Ultraschall Med* 2022, 43(5):498-506. IF 5.4

Ardura-Garcia C, Pedersen ESL, Mallet MC, de Jong CCM, Barben J, Jochmann A, Jung A, Mueller-Suter D, Regamey N, Singer F, Kuehni CE, Team SS: **Treatment Decisions in Children With Asthma in a Real-Life Clinical Setting: The Swiss Paediatric Airway Cohort.** *J Allergy Clin Immunol Pract* 2022, 10(4):1038-1046 e1038. IF 11.0

Daetwyler E, Bargetzi M, Otth M, Scheinemann K: **Late effects of high-dose methotrexate treatment in childhood cancer survivors-a systematic review.** *BMC Cancer* 2022, 22(1):267. IF 4.6

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* 2022. IF 11.0

Drozdov D, Konetzny G, Meyer P, van den Anker J, Bernhard S, Ritz N: **Dosing and Monitoring of Isoniazid in a Preterm, Extremely Low Birth Weight Infant After In Utero Exposure to Mycobacterium tuberculosis: A Case Study and Literature Review.** *Pediatr Infect Dis J* 2022, 41(12):967-969. IF 3.8

Gysi S, Doulberis M, Legeret C, Kohler H: **The Role of the Pediatric Yorkhill Malnutrition Score (PYMS), Neutrophil-to-Lymphocyte and Platelet-to-Lymphocyte Ratios in Malnutrition Prediction of Hospitalized Children.** *Children (Basel)* 2022, 9(9). IF 2.8

Huber R, Weber P: **Is there a relationship between socioeconomic factors and prevalence, adherence and outcome in childhood epilepsy? A systematic scoping review.** *Eur J Paediatr Neurol* 2022, 38:1-6. IF 3.1

**BEREICH FRAUEN UND KINDER**

- Kreis C, Heritier H, Scheinemann K, Hengartner H, de Hoogh K, Roosli M, Spycher BD: **Childhood cancer and traffic-related air pollution in Switzerland: A nationwide census-based cohort study.** *Environ Int* 2022, 166:107380. IF 9.6
- Legeret C, Furlano R, Kohler H: **Therapy Strategies for Children Suffering from Inflammatory Bowel Disease (IBD)-A Narrative Review.** *Children (Basel)* 2022, 9(5). IF 2.8
- Legeret C, Lohmann C, Furlano RI, Kohler H: **Food intolerances in children and adolescents in Switzerland.** *Eur J Pediatr* 2022. IF 3.8
- Legeret C, Lohmann C, Pedrini L, Sarbach L, Furlano R, Kohler H: **Use of Health-Promoting Food and Supplements in Swiss Children.** *Children (Basel)* 2022, 9(12). IF 2.8
- Legeret C, Stienen Y, Furlano R, Kohler H: **Effectivity of treatment for children with functional dyspepsia.** *Sci Rep* 2022, 12(1):1467. IF 4.3
- Ludyga S, Mucke M, Leuenberger R, Bruggisser F, Puhse U, Gerber M, Capone-Mori A, Keutler C, Brotzmann M, Weber P: **Behavioral and neurocognitive effects of judo training on working memory capacity in children with ADHD: A randomized controlled trial.** *Neuroimage Clin* 2022, 36:103156. IF 4.8
- Metzger S, Weiser A, Gerber NU, Otth M, Scheinemann K, Krayenbuhl N, Grotzer MA, Guerreiro Stucklin AS: **Central nervous system tumors in children under 5 years of age: a report on treatment burden, survival and long-term outcomes.** *J Neurooncol* 2022, 157(2):307-317. IF 4.5
- Nava E, Hartmann B, Boxheimer L, Capone Mori A, Nuoffer JM, Sargsyan Y, Thoms S, Rosewich H, Boltshauser E: **How to Detect Isolated PEX10-Related Cerebellar Ataxia?** *Neuropediatrics* 2022, 53(3):159-166. IF 1.5
- Otth M, Brack E, Kearns PR, Kozhaeva O, Ocokoljic M, Schoot RA, Vassal G, Essential Medicines G: **Essential medicines for childhood cancer in Europe: a pan-European, systematic analysis by SIOP-E.** *Lancet Oncol* 2022, 23(12):1537-1546. IF 41.3
- Otth M, Denzler S, Diesch-Furlanetto T, Scheinemann K: **Cancer knowledge and health-consciousness in childhood cancer survivors following transition into adult care-results from the ACCS project.** *Front Oncol* 2022, 12:946281. IF 5.7
- Otth M, Drozdov D, Scheinemann K: **Feasibility of a registry for standardized assessment of long-term and late-onset health events in survivors of childhood and adolescent cancer.** *Sci Rep* 2022, 12(1):14617. IF 4.9
- Otth M, Michel G, Gerber NU, Guerreiro Stucklin AS, von Bueren AO, Scheinemann K, On Behalf Of The Swiss Pediatric Oncology Group S: **Educational Attainment and Employment Outcome of Survivors of Pediatric CNS Tumors in Switzerland-A Report from the Swiss Childhood Cancer Survivor Study.** *Children (Basel)* 2022, 9(3). IF 2.8
- Otth M, Scheinemann K: **Back to school – The teachers' worries and needs having a childhood cancer patient or survivor in their class.** *Front Oncol* 2022, 12:992584. IF 5.7
- Otth M, Wyss J, Scheinemann K: **Long-Term Follow-Up of Pediatric CNS Tumor Survivors-A Selection of Relevant Long-Term Issues.** *Children (Basel)* 2022, 9(4). IF 2.8
- Otth M, Yammie S, Usemann J, Latzin P, Mader L, Spycher B, Gungor T, Scheinemann K, Kuehni CE, Swiss Pediatric Oncology G: **Longitudinal lung function in childhood cancer survivors after hematopoietic stem cell transplantation.** *Bone Marrow Transplant* 2022, 57(2):207-214. IF 5.4
- 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)* 2022:e1649. IF 0.7
- Rakic M, Hengartner H, Luer S, Scheinemann K, Elger BS, Rost M: **A national survey of Swiss paediatric oncology care providers' cross-cultural competences.** *Swiss Med Wkly* 2022, 152:w30223. IF 2.1
- Schneider AL, Kohler H, Rothlisberger B, Grobholz R, McLin VA: **Sodium taurocholate co-transporting polypeptide deficiency.** *Clin Res Hepatol Gastroenterol* 2022, 46(3):101824. IF 3.1
- Schoot RA, Otth MA, Frederix GWJ, Leufkens HGM, Vassal G: **Market access to new anticancer medicines for children and adolescents with cancer in Europe.** *Eur J Cancer* 2022, 165:146-153. IF 10.0
- Troger T, Sommer G, Lang-Muritano M, Konrad D, Kuhlmann B, Zumsteg U, Fluck CE: **Characteristics of Growth in Children With Classic Congenital Adrenal Hyperplasia due to 21-Hydroxylase Deficiency During Adrenarche and Beyond.** *J Clin Endocrinol Metab* 2022, 107(2):e487-e499. IF 5.9
- Uka A, Buettcher M, Bernhard-Stirnemann S, Fougere Y, Moussaoui D, Kottanattu L, Wagner N, Zimmermann P, Ritz N, Swiss Paediatric Surveillance U: **Factors associated with hospital and intensive care admission in paediatric SARS-CoV-2 infection: a prospective nationwide observational cohort study.** *Eur J Pediatr* 2022, 181(3):1245-1255. IF 3.8

**BEREICH FRAUEN UND KINDER**

van Iersel L, Mulder RL, Denzer C, Cohen LE, Spoudeas HA, Meacham LR, Sugden E, Schouten-van Meeteren AYN, Hoving EW, Packer RJ, Armstrong GT, Mostoufi-Moab S, Stades AM, van Vuarden D, Janssens GO, Thomas-Teinturier C, Murray RD, Di Iorgi N, Neggers S, Thompson J, Toogood AA, Gleeson H, Follin C, Bardi E, Torno L, Patterson B, Morsellino V, Sommer G, Clement SC, Srivastava D, Kiserud CE, Fernandez A, Scheinemann K, Raman S, Yuen KCJ, Wallace WH, Constine LS, Skinner R, Hudson MM, Kremer LCM, Chemaitilly W, van Santen HM: **Hypothalamic-Pituitary and Other Endocrine Surveillance Among Childhood Cancer Survivors.** *Endocr Rev* 2022, 43(5):794-823. IF 25.2

Waespe N, Strelbel S, Nava T, Uppugunduri CRS, Marino D, Mattiello V, Otth M, Gumy-Pause F, Von Bueren AO, Baleydier F, Mader L, Spoerri A, Kuehni CE, Ansari M: **Cohort-based association study of germline genetic variants with acute and chronic health complications of childhood cancer and its treatment: Genetic Risks for Childhood Cancer Complications Switzerland (GEC-COS) study protocol.** *BMJ Open* 2022, 12(1):e052131. IF 3.0

Welzel T, Schobi N, Andre MC, Bailey DGN, Blanchard-Rohner G, Buettcher M, Grazioli S, Koehler H, Perez MH, Truck J, Vanoni F, Zimmermann P, Atkinson A, Sanchez C, Whittaker E, Faust SN, Bielicki JA, Schlappbach LJ, Swissped Recovery T: **Multicenter Randomized Trial of Methylprednisolone vs. Intravenous Immunoglobulins to Treat the Pediatric Inflammatory Multisystem Syndrome-Temporally Associated With SARS-CoV-2 (PIMS-TS): Protocol of the Swissped RECOVERY Trial.** *Front Pediatr* 2022, 10:905046. IF 3.5

Willers CC, Frauchiger BS, Stranzinger E, Bauman G, Moeller A, Jung A, Hector A, Regamey N, Zanolari M, Mueller-Suter D, Kuhn AL, Blanchon S, Rochat I, Latzin P, Ramsey KA, the SSg: **Feasibility of unsedated lung MRI in young children with cystic fibrosis.** *Eur Respir J* 2022, 60(5). IF 33.8

Wyss J, Frank NA, Soleman J, Scheinemann K: **Novel Pharmacological Treatment Options in Pediatric Glioblastoma-A Systematic Review.** *Cancers (Basel)* 2022, 14(11). IF 6.5

Zimmermann K, Simon M, Scheinemann K, Tinner Oehler EM, Widler M, Keller S, Fink G, Mitterer S, Gerber AK, von Felten S, Bergstraesser E: **Specialised Paediatric PAlliatiVE CaRe: Assessing family, healthcare professionals and health system outcomes in a multi-site context of various care settings: SPHaERA study protocol.** *BMC Palliat Care* 2022, 21(1):188. IF 3.1

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

Arslani K, Gualandro DM, Puelacher C, Lurati Buse G, Lampart A, Bolliger D, Schulthess D, Glarner N, Hidvegi R, Kindler C, Blum S, Cardozo FAM, Caramelli B, Gurke L, Wolff T, Mujagic E, Schaeren S, Rikli D, Campos CA, Fahrni G, Kaufmann BA, Haaf P, Zellweger MJ, Kaiser C, Osswald S, Steiner LA, Mueller C, Investigators B-P: **Cardiovascular imaging following perioperative myocardial infarction/injury.** *Sci Rep* 2022, 12(1):4447. IF 4.9

de Mul N, van den Bos L, Kant IMJ, van Montfort SJT, Schellekens WM, Cremer OL, Slooter AJC: **Delirium and long-term psychopathology following surgery in older adults.** *J Psychosom Res* 2022, 155:110746. IF 4.6

Fuchs A, Frick S, Huber M, Riva T, Theiler L, Kleine-Brueggemey M, Pedersen TH, Berger-Estilita J, Greif R: **Five-year audit of adherence to an anaesthesia pre-induction checklist.** *Anaesthesia* 2022, 77(7):751-762. IF 12.8

Gruber BU, Girsberger V, Kusstatscher L, Funk S, Luethy A, Jakus L, Maillard J, Steiner LA, Dell-Kuster S, Burkhardt CS: **Comparing propofol anaesthesia guided by Bispectral Index monitoring and frontal EEG wave analysis with standard monitoring in laparoscopic surgery: protocol for the 'EEG in General Anaesthesia - More Than Only a Bispectral Index' Trial, a multicentre, double-blind, randomised controlled trial.** *BMJ Open* 2022, 12(6):e059919. IF 3.0

Gueckel J, Puelacher C, Glarner N, Gualandro DM, Strelbel I, Zimmermann T, Arslani K, Hidvegi R, Liffert M, Genini A, Marbot S, Schlaepfer M, Steiner LA, Bolliger D, Lampart A, Gürke L, Kindler C, Schären S, Osswald S, Clauss M, Rikli D, Lurati Buse G, Mueller C: **Patient- and procedure-related factors in the pathophysiology of perioperative myocardial infarction/injury.** *Int J Cardiol* 2022, 353:15-21. IF 4.1

Huber M, Greif R, Pedersen TH, Theiler L, Kleine-Brueggemey M: **Risk patterns of consecutive adverse events in airway management: a Bayesian network analysis.** *Br J Anaesth* 2022. IF 11.7

Kopp Lugli A, Marti WR, Salm L, Mujagic E, Bundi M, von Strauss M, Bucheli Laffer E, Landin J, Fux CA, Coslovsky M, Weber WP, Kindler C: **The Role of HbA1c as a Positive Perioperative Predictor of Surgical Site and Other Postoperative Infections: An Explorative Analysis in Patients Undergoing Minor to Major Surgery.** *World J Surg* 2022, 46(2):391-399. IF 3.2

Nabecker S, Huwendiek S, Roten FM, Theiler L, Greif R: **Team leadership assessment after advanced life support courses comparing real teams vs. simulated teams.** *Front Psychol* 2022, 13:1020124. IF 4.2

**BEREICH PERIOPERATIVE, NOTFALL- & INTENSIVMEDIZIN**

Nabecker S, Huwendiek S, Seidl C, Hana A, Theiler L, Greif R: **Assessment of Human Factors After Advanced Life Support Courses Comparing Simulated Team and Real Team Assessment: A Randomized Controlled Cohort Trial.** *Front Cardiovasc Med* 2022, 9:840114. IF 5.8

Pietsch U, Mullner R, Theiler L, Wenzel V, Meuli L, Knapp J, Sollid SJM, Albrecht R: **Airway management in a Helicopter Emergency Medical Service (HEMS): a retrospective observational study of 365 out-of-hospital intubations.** *BMC Emerg Med* 2022, 22(1):23. IF 2.4

Riedel T, Burgi F, Greif R, Kaiser H, Riva T, Theiler L, Nabecker S: **Changes in lung volume estimated by electrical impedance tomography during apnea and high-flow nasal oxygenation: A single-center randomized controlled trial.** *PLoS One* 2022, 17(9):e0273120. IF 3.2

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* 2022. IF 37.7

Riva T, Greif R, Kaiser H, Riedel T, Huber M, Theiler L, Nabecker S: **Carbon Dioxide Changes during High-flow Nasal Oxygenation in Apneic Patients: A Single-center Randomized Controlled Noninferiority Trial.** *Anesthesiology* 2022, 136(1):82-92. IF 8.9

Riva T, Pascolo F, Huber M, Theiler L, Greif R, Disma N, Fuchs A, Berger-Estilita J, Riedel T: **Evaluation of atelectasis using electrical impedance tomography during procedural deep sedation for MRI in small children: A prospective observational trial.** *J Clin Anesth* 2022, 77:110626. IF 9.3

Servatius H, Kuffer T, Baldinger SH, Asatryan B, Seiler J, Tanner H, Novak J, Lam A, Noti F, Haeberlin A, Madaffari A, Sweda R, Muhl A, Branca M, Dutschler S, Erdoes G, Stuber F, Theiler L, Reichlin T, Roten L: **Dexmedetomidine versus propofol for operator-directed nurse-administered procedural sedation during catheter ablation of atrial fibrillation: A randomized controlled study.** *Heart Rhythm* 2022, 19(5):691-700. IF 6.7

**Klinik für Intensivmedizin**

Granholm A, Munch MW, Andersen-Ranberg N, Myatra SN, Vijayaraghavan BKT, Venkatesh B, Jha V, Wahlin RR, Jakob SM, Ciocci 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* 2022. IF 2.2

Luethi N, Wermelinger SD, Haynes AG, Roumet M, Maessen M, Affolter B, Muller M, Schefold JC, Eychmueller S, Ciocci L: **Development of an electronic Poor Outcome Screening (ePOS) Score to identify critically ill patients with potential palliative care needs.** *J Crit Care* 2022, 69:154007. IF 9.0

Messmer AS, Elmer A, Ludwig R, Pfortmueller CA, Ciocci L, Schefold JC: **Characteristics and outcomes of medical emergency team calls in a Swiss tertiary centre – a retrospective observational study.** *Swiss Med Wkly* 2022, 152:40006. IF 2.1

**BEREICH ZENTRALE MEDIZINISCHE DIENSTE****Institut für Labormedizin**

Achtnichts L, Ovchinnikov A, Jakopp B, Oberle M, Nedeltchev K, Fux CA, Sellner J, Findling O: **SARS-CoV-2 mRNA Vaccination in People with Multiple Sclerosis Treated with Fingolimod: Protective Humoral Immune Responses May Develop after the Preferred Third Shot.** *Vaccines (Basel)* 2022, 10(2). IF 4.9

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* 2022. IF 3.2

Bottcher S, Engelmann R, Grigore G, Fernandez P, Caetano J, Flores-Montero J, van der Velden VHJ, Novakova M, Philippe J, Ritgen M, Burgos L, Lecrevisse Q, Lange S, Kalina T, Verde Velasco J, Fluxa Rodriguez R, van Dongen JJM, Pedreira CE, Orfao A: **Expert-independent classification of mature B-cell neoplasms using standardized flow cytometry: a multicentric study.** *Blood Adv* 2022, 6(3):976-992. IF 7.6

Bras AE, Matarraz S, Nierkens S, Fernandez P, Philippe J, Aanei CM, de Mello FV, Burgos L, van der Sluijs-Gelling AJ, Grigore GE, van Dongen JJM, Orfao A, van der Velden VHJ, On Behalf Of The EuroFlow C: **Quality Assessment of a Large Multi-Center Flow Cytometric Dataset of Acute Myeloid Leukemia Patients-A EuroFlow Study.** *Cancers (Basel)* 2022, 14(8). IF 6.5

**BEREICH ZENTRALE MEDIZINISCHE DIENSTE**

Brouwer N, Matarraz S, Nierkens S, Hofmans M, Novakova M, da Costa ES, Fernandez P, Bras AE, de Mello FV, Mejstrikova E, Philippe J, Grigore GE, Pedreira CE, van Dongen JJM, Orfao A, van der Velden VHJ, On Behalf Of The EuroFlow C: **Immunophenotypic Analysis of Acute Megakaryoblastic Leukemia: A EuroFlow Study.** *Cancers (Basel)* 2022, 14(6). IF 6.5

Cuenod A, Aerni M, Bagutti C, Bayraktar B, Boz ES, Carneiro CB, Casanova C, Coste AT, Damborg P, van Dam DW, Demirci M, Drevinek 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* 2022. IF 13.3

du Fay de Lavallaz J, Prepoudis A, Wendebourg MJ, Kesenheimer E, Kyburz D, Daikeler T, Haaf P, Wanschitz J, Loscher WN, Schreiner B, Katan M, Jung HH, Maurer B, Hammerer-Lercher A, Mayr A, Gualandro DM, Acket A, Puelacher C, Boeddinghaus J, Nestelberger T, Lopez-Ayala P, Glarner N, Shrestha S, Manka R, Gawinecka J, Piscuoglio S, Gallon J, Wiedemann S, Sinnreich M, Mueller C, Investigators BX: **Skeletal Muscle Disorders: A Noncardiac Source of Cardiac Troponin T.** *Circulation* 2022, 145(24):1764-1779. IF 29.6

Gerull R, Neumann RP, Atkinson A, Bernasconi L, Schulzke SM, Wellmann S: **Respiratory morbidity in preterm infants predicted by natriuretic peptide (MR-proANP) and endothelin-1 (CT-proET-1).** *Pediatr Res* 2022, 91(6):1478-1484. IF 3.9

Loretz N, Becker C, Hochstrasser S, Metzger K, Beck K, Mueller J, Gross S, Vincent A, Amacher SA, Sutter R, Tisljar K, Schuetz P, Bernasconi L, Neyer P, Pargger H, Marsch S, Hunziker S: **Activation of the kynureanine pathway predicts mortality and neurological outcome in cardiac arrest patients: A validation study.** *J Crit Care* 2022, 67:57-65. IF 9.0

Medri C, Mendez A, Hammerer-Lercher A, Rovo A, Angelillo-Scherrer A: **Unstable hemoglobin Montreal II uncovered in an adult with unexplained hemolysis exacerbated by a presumed viral infection: a case report.** *J Med Case Rep* 2022, 16(1):145. IF 0.7

Meihandoest T, Studt JD, Mendez A, Alberio L, Fontana P, Wuillemin WA, Schmidt A, Graf L, Gerber B, Amstutz U, Bovet C, Sauter TC, Asmis LM, Nagler M: **Accuracy of a Single, Heparin-Calibrated Anti-Xa Assay for the Measurement of Rivaroxaban, Apixaban, and Edoxaban Drug Concentrations: A Prospective Cross-Sectional Study.** *Front Cardiovasc Med* 2022, 9:817826. IF 5.8

Nava E, Hartmann B, Boxheimer L, Capone Mori A, Nuoffer JM, Sargsyan Y, Thoms S, Rosewich H, Boltshauser E: **How to Detect Isolated PEX10-Related Cerebellar Ataxia?** *Neuropediatrics* 2022, 53(3):159-166. IF 1.5

Popp J, Georgescu D, Burge M, Mundwiler-Pachlatko E, Bernasconi L, Felbecker A: **[Biomarkers for the diagnosis of cognitive impairment - Recommendations from the Swiss Memory Clinics].** *Praxis (Bern 1994)* 2022, 111(13):738-744. IF 0.1

Ragazzino S, Goldenberger D, Wright PR, Zimmerli S, Muhlethaler K, Neofytos D, Riat A, Boggian K, Nolte O, Conen A, Fankhauser H, Schreiber PW, Zbinden R, Lamoth F, Khanna N: **Distribution of Aspergillus Species and Prevalence of Azole Resistance in Respiratory Samples From Swiss Tertiary Care Hospitals.** *Open Forum Infect Dis* 2022, 9(2):ofab638. IF 3.8

Rubeli S, Conen A, Diepers M, Bernasconi L, Hasler P, Mueller RB: **Successful Treatment of Rheumatoid Meningitis Associated With a Decrease of ACPA Antibody Index.** *J Clin Rheumatol* 2022, 28(2):e667-e669. IF 3.9

Sathanantham V, Alberio L, Bovet C, Fontana P, Gerber B, Graf L, Mendez A, Sauter TC, Schmidt A, Studt JD, Wuillemin WA, Nagler M: **Prothrombinase-Induced Clotting Time to Measure Drug Concentrations of Rivaroxaban, Apixaban, and Edoxaban in Clinical Practice: A Cross-Sectional Study.** *Life (Basel)* 2022, 12(7). IF 3.2

Sozio E, Moore NA, Fabris M, Ripoli A, Rumbolo F, Minieri M, Boverio R, Rodriguez Mulero MD, Lainez-Martinez S, Martinez Martinez M, Calvo D, Gregoriano C, Williams R, Brazzi L, Terrinoni A, Callegari T, Hernandez Olivo M, Esteban-Torrella P, Calcerrada I, Bernasconi L, Kidd SP, Sbrana F, Miguens I, Gordon K, Visentini D, Legramante JM, Bassi F, Cortes N, Montruccchio G, Di Lecce VN, Lauritano EC, Garcia de Guadiana-Romualdo L, Gonzalez Del Castillo J, Bernal-Morell E, Andaluz-Ojeda D, Schuetz P, Curcio F, Tascini C, Saeed K: **Identification of COVID-19 patients at risk of hospital admission and mortality: a European multicentre retrospective analysis of mid-regional pro-adrenomedullin.** *Respir Res* 2022, 23(1):221. IF 7.1

Van Hoovels L, Studholme L, Vander Cruyssen B, Sieghart D, Bonroy C, Nagy E, Pullerits R, Cucnik S, Dahle C, Heijnen I, Bernasconi L, Benkhadra F, Bogaert L, Van Den Bremt S, Van Liedekerke A, Vanheule G, Robbrecht J, Wirth C, Muller R, Kyburz D, Sjowall C, Kastbom A, Jese R, Jovancevic B, Kiss E, Jacques P, Aletaha D, Steiner G, Verschueren P, Bossuyt X: **Standardisation of ACPA tests: evaluation of a new candidate reference preparation.** *Ann Rheum Dis* 2022, 81(10):1379-1384. IF 27.9

Van Hoovels L, Vander Cruyssen B, Sieghart D, Bonroy C, Nagy E, Pullerits R, Cucnik S, Dahle C, Heijnen I, Bernasconi L, Benkhadra F, Bogaert L, Van Den Bremt S, Van Liedekerke A, Vanheule G, Robbrecht J, Studholme L, Wirth C, Muller R, Kyburz D, Sjowall C, Kastbom A, Jese R, Jovancevic B, Kiss E, Jacques P, Aletaha D, Steiner G, Verschueren P, Bossuyt X: **IgA rheumatoid factor in rheumatoid arthritis.** *Clin Chem Lab Med* 2022, 60(10):1617-1626. IF 8.4

## BEREICH ZENTRALE MEDIZINISCHE DIENSTE

Van Hoovels L, Vander Cruyssen B, Sieghart D, Bonroy C, Nagy E, Pullerits R, Cucnik S, Dahle C, Heijnen I, Bernasconi L, Benkhadra F, Bogaert L, Van Den Bremt S, Van Liedekerke A, Vanheule G, Robbrecht J, Studholme L, Wirth C, Muller R, Kyburz D, Sjowall C, Kastbom A, Jese R, Jovancevic B, Kiss E, Jacques P, Aletaha D, Steiner G, Verschueren P, Bossuyt X: **Multicentre study to improve clinical interpretation of rheumatoid factor and anti-citrullinated protein/peptide antibodies test results.** *RMD Open* 2022, 8(1). IF 5.8

Voelkle M, Gregoriano C, Neyer P, Koch D, Kutz A, Bernasconi L, Conen A, Mueller B, Schuetz P: **Prevalence of Micronutrient Deficiencies in Patients Hospitalized with COVID-19: An Observational Cohort Study.** *Nutrients* 2022, 14(9). IF 6.7

Weis C, Cuenod A, Rieck B, Dubuis O, Graf S, Lang C, Oberle M, Brackmann M, Sogaard KK, Osthoff M, Borgwardt K, Egli A: **Direct antimicrobial resistance prediction from clinical MALDI-TOF mass spectra using machine learning.** *Nat Med* 2022, 28(1):164-174. IF 87.2

Wolfisberg S, Gregoriano C, Struja T, Kutz A, Koch D, Bernasconi L, Hammerer-Lercher A, Mohr C, Haubitz S, Conen A, Fux CA, Mueller B, Schuetz P: **Call, chosen, HA(2)T(2), ANDC: validation of four severity scores in COVID-19 patients.** *Infection* 2022, 50(3):651-659. IF 7.4

## Institut für Pathologie

Diebold M, Locher E, Boide P, Enzler-Tschudy A, Faivre A, Fischer I, Helmchen B, Hopfer H, Kim MJ, Moll S, Nanchen G, Rotman S, Saganas C, Seeger H, Kistler AD: **Incidence of new onset glomerulonephritis after SARS-CoV-2 mRNA vaccination is not increased.** *Kidney Int* 2022, 102(6):1409-1419. IF 18.9

Janowczyk A, Baumhoer D, Dirnhofer S, Grobholz R, Kipar A, de Leval L, Merkler D, Michielin O, Moch H, Perren A, Rottenberg S, Rubbia-Brandt L, Rubin MA, Sempoux C, Tolnay M, Zlobec I, Koelzer VH, Swiss Digital Pathology C: **Towards a national strategy for digital pathology in Switzerland.** *Virchows Arch* 2022, 481(4):647-652. IF 4.5

Rodriguez-Calero A, Gallon J, Akhounova D, Maletti S, Ferguson A, Cyrta J, Amstutz U, Garofoli A, Paradiso V, Tomlins SA, Hewer E, Genitsch V, Fleischmann A, Vassella E, Rushing EJ, Grobholz R, Fischer I, Jochum W, Cathomas G, Osunkoya AO, Bubendorf L, Moch H, Thalmann G, Ng CKY, Gillessen S, Piscuoglio S, Rubin MA: **Alterations in homologous recombination repair genes in prostate cancer brain metastases.** *Nat Commun* 2022, 13(1):2400. IF 17.6

Rupp S, Papaefthymiou A, Chatzimichael E, Polyzos SA, Spreitzer S, Doulberis M, Kuntzen T, Kountouras J: **Diagnostic approach to Helicobacter pylori-related gastric oncogenesis.** *Ann Gastroenterol* 2022, 35(4):333-344. IF 2.4

Schneider AL, Kohler H, Rothlisberger B, Grobholz R, McLin VA: **Sodium taurocholate co-transporting polypeptide deficiency.** *Clin Res Hepatol Gastroenterol* 2022, 46(3):101824. IF 3.1

## 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* 2022. IF 5.4

Anderegg L, Gruber P, Anon J, Tortora A, Steiger HJ, Schubert GA, Marbacher S, Remonda L: **Spontaneous regression of multiple flow-related aneurysms following treatment of an associated brain arteriovenous malformation: A case report.** *Front Surg* 2022, 9:860416. IF 2.5

Berberat J, Pircher A, Gruber P, Lovblad KO, Remonda L, Killer HE: **Case Report: Cerebrospinal Fluid Dynamics in the Optic Nerve Subarachnoid Space and the Brain Applying Diffusion Weighted MRI in Patients With Idiopathic Intracranial Hypertension-A Pilot Study.** *Front Neurol* 2022, 13:862808. IF 4.0

Cagol A, Schaederlin S, Barakovic M, Benkert P, Todea RA, Rahmazadeh R, Galbusera R, Lu PJ, Weigel M, Melie-Garcia L, Rutherford E, Siebenborn N, Battaglini M, Radue EW, Yaldisli O, Oechtering J, Sinnecker T, Lorscheider J, Fischer-Barnicol B, Muller S, Achtnichts L, Vehoff J, Disanto G, Findling O, Chan A, Salmen A, Pot C, Bridel C, Zecca C, Derfuss T, Lieb JM, Remonda L, Wagner F, Vargas MI, Du Pasquier R, Lalive PH, Pravata E, Weber J, Cattin PC, Gobbi C, Leppert D, Kappos L, Kuhle J, Granziera C: **Association of Brain Atrophy With Disease Progression Independent of Relapse Activity in Patients With Relapsing Multiple Sclerosis.** *JAMA Neurol* 2022, 79(7):682-692. IF 18.3

Dumitriu LaGrange D, Braunersreuther V, Wanke I, Berberat J, Luthman S, Fitzgerald S, Doyle KM, Brina O, Reymond P, Platon A, Muster M, Machi P, Poletti PA, Vargas MI, Lovblad KO: **MicroCT Can Characterize Clots Retrieved With Mechanical Thrombectomy From Acute Ischemic Stroke Patients-A Preliminary Report.** *Front Neurol* 2022, 13:824091. IF 4.0

Eisenring CV, Hamilton PL, Herzog P, Oertel MF, Jacot-Sadowski I, Burn F, Cornuz J, Schatlo B, Nanchen D: **Nicotine Replacement Therapy for Smokers with Acute Aneurysmal Subarachnoid Hemorrhage: An International Survey.** *Adv Ther* 2022, 39(11):5244-5258. IF 4.0

## BEREICH ZENTRALE MEDIZINISCHE DIENSTE

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* 2022; IF 5.3

Halter M, Wanderer S, Gruter B, Anon J, Diepers M, Gruber P, Anderegg L, Remonda L, Marbacher S: **Interrater and intrarater agreement superior for three-dimensional digital subtraction angiography (3D-DSA) over 2D-DSA classification for detecting remnants after intracranial aneurysm clipping, a GRRAS Reliability and Agreement Study.** *Acta Neurochir (Wien)* 2022; 164(8):2173-2179. IF 2.8

Nava E, Hartmann B, Boxheimer L, Capone Mori A, Nuoffer JM, Sargsyan Y, Thoms S, Rosewich H, Boltshauser E: **How to Detect Isolated PEX10-Related Cerebellar Ataxia?** *Neuropediatrics* 2022; 53(3):159-166. IF 1.9

Kienzler JC, Schoepf S, Marbacher S, Diepers M, Remonda L, Fandino J: **Intraoperative Spinal Angiography during Microsurgical Occlusion of Spinal Dural Arteriovenous Fistula within the Hybrid Operation Room.** *J Neurol Surg A Cent Eur Neurosurg* 2022; 83(5):486-493. IF 0.9

Magyar CTJ, Maeder F, Diepers M, Amsler F, Gross T: **Detailed information gain and therapeutic impact of whole body computed tomography supplementary to conventional radiological diagnostics in blunt trauma emergency treatment: a consecutive trauma centre evaluation.** *Eur J Trauma Emerg Surg* 2022; 48(2):921-931. IF 3.6

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* 2022; 1-7. IF 5.1

Musigmann M, Akkurt BH, Krahling H, Nacul NG, Remonda L, Sartoretti T, Henssen D, Brokinkel B, Stummer W, Heindel W, Mannil M: **Testing the applicability and performance of Auto ML for potential applications in diagnostic neuroradiology.** *Sci Rep* 2022; 12(1):13648. IF 4.9

Pircher A, Montali M, Berberat J, Huber A, Miller NR, Mader TH, Gibson CR, Neutzner A, Remonda L, Killer HE: **Elevated peri-optic lipocalin-type prostaglandin D synthase concentration in patients with idiopathic intracranial hypertension.** *Brain Commun* 2022; 4(5):fcac240. IF k.A.

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* 2022. IF 5.3

Rubeli S, Conen A, Diepers M, Bernasconi L, Hasler P, Mueller RB: **Successful Treatment of Rheumatoid Meningitis Associated With a Decrease of ACPA Antibody Index.** *J Clin Rheumatol* 2022; 28(2):e667-e669. IF 3.9

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* 2022(EFirst). IF 1.4

Stauffer A, Tortora A, Marbacher S, Frey J, Gschwind M, Weinmann C, Gruber P, Berberat J, Luedi MM, Anderegg L: **Refractory photophobia elicited during awake craniotomy for the resection of a temporal high-grade glioma.** *J Clin Anesth* 2022; 78:110650. IF 9.3

Steiger HJ, Ensner R, Anderegg L, Remonda L, Berberat J, Marbacher S: **Hemodynamic response and clinical outcome following intravenous milrinone plus norepinephrine-based hyperdynamic hypertensive therapy in patients suffering secondary cerebral ischemia after aneurysmal subarachnoid hemorrhage.** *Acta Neurochir (Wien)* 2022; 164(3):811-821. IF 2.8

Wanderer S, Gruter BE, Strange F, Boillat G, Sivanrupan S, Rey J, von Gunten M, Remonda L, Widmer HR, Casoni D, Anderegg L, Fandino J, Marbacher S: **Aspirin treatment prevents inflammation in experimental bifurcation aneurysms in New Zealand White rabbits.** *J Neurointerv Surg* 2022; 14(2):189-195. IF 8.5

### Institut für Radiologie

Bos D, Yu S, Luong J, Chu P, Wang Y, Einstein AJ, Starkey J, Delman BN, Duong PT, Das M, Schindera S, Goode AR, MacLeod F, Wetter A, Neill R, Lee RK, Roehm J, Seibert JA, Cervantes LF, Kasraie N, Pike P, Pahwa A, Jeukens C, Smith-Bindman R: **Diagnostic reference levels and median doses for common clinical indications of CT: findings from an international registry.** *Eur Radiol* 2022; 32(3):1971-1982. IF 7.0

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* 2022. IF 1.4

## BEREICH ZENTRALE MEDIZINISCHE DIENSTE

- Eisenring CV, Hamilton PL, Herzog P, Oertel MF, Jacot-Sadowski I, Burn F, Cornuz J, Schatlo B, Nanchen D: **Nicotine Replacement Therapy for Smokers with Acute Aneurysmal Subarachnoid Hemorrhage: An International Survey.** *Adv Ther* 2022, 39(11):5244-5258. IF 4.0
- Faulhaber S, Schindera S, Hartel M, Grafitsch A: **Report of two rare manifestations of abdominal tuberculosis mimicking neoplasia.** *J Surg Case Rep* 2022, 2022(3):rjac079. IF 0.4
- Fischer T, El Baz Y, Scanferla G, Graf N, Waldeck F, Kleger GR, Frauenfelder T, Bremerich J, Kobbe SS, Pagani JL, Schindera S, Conen A, Wildermuth S, Leschka S, Strahm C, Waelti S, Dietrich TJ, Albrich WC: **Comparison of temporal evolution of computed tomography imaging features in COVID-19 and influenza infections in a multicenter cohort study.** *Eur J Radiol Open* 2022, 9:100431. IF 3.5
- Frank FA, Gerber L, Cornelius A, Baumhoer D, Krieg AH: **FGF-23 transmitted tumor – induced hypophosphatemic osteomalacia: A rare case of a young woman with recurrent fractures and review of the literature.** *J Bone Oncol* 2022, 33:100413. IF 4.4
- Jungblut L, von Garnier C, Puhan M, Tomonaga Y, Kaufmann C, Azzola A, Burgi U, Bremerich J, Brutsche M, Christe A, Ebner L, Heverhagen JT, Eich C, Franzen D, Schmitt-Opitz I, Schneiter D, Spieldenner J, Horwath N, Kohler M, Weder W, Lovis A, Meuli R, Menig M, Beigelmann-Aubry C, Niemann T, Stohr S, Vock P, Senn O, Neuner-Jehle S, Selby K, Laures S, Ott S, Frauenfelder T: **The Swiss Approach – feasibility of a national low-dose CT lung cancer screening program.** *Swiss Med Wkly* 2022, 152(15-16). IF 2.1
- Lasocka Z, Lewicka-Potocka Z, Faran A, Danilowicz-Szymanowicz L, Nowak R, Kaufmann D, Kaleta-Duss A, Kalinowski L, Raczk G, Lewicka E, Dabrowska-Kugacka A: **Exercise-Induced Atrial Remodeling in Female Amateur Marathon Runners Assessed by Three-Dimensional and Speckle Tracking Echocardiography.** *Front Physiol* 2022, 13:863217. IF 4.5
- Viry A, Aberle C, Lima T, Treier R, Schindera ST, Verdun FR, Racine D: **Assessment of task-based image quality for abdominal CT protocols linked with national diagnostic reference levels.** *Eur Radiol* 2022, 32(2):1227-1237. IF 7.0

## Radio-Onkologie-Zentrum KSA-KSB

- Ademaj A, Veltsista DP, Ghadjar P, Marder D, Oberacker E, Ott OJ, Wust P, Puric E, Hälg RA, Rogers S, Bodis S, Fietkau R, Crezee H, Riesterer O: **Clinical Evidence for Thermometric Parameters to Guide Hyperthermia Treatment.** *Cancers (Basel)* 2022, 14(3). IF 6.5
- Ademaj A, Veltsista PD, Marder D, Hälg RA, Puric E, Brunner TB, Crezee H, Gabrys D, Franckena M, Gani C, Horsman MR, Kremplien 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* 2022. IF 4.0
- Beck M, Sassowsky M, Schar S, Mathier E, Halter M, Zwahlen DR, Holscher T, Arnold W, Polat B, Hildebrandt G, Muller AC, Putora PM, Papachristofilou A, Hayoz S, Schar C, Li Q, Sumila M, Zaugg K, Guckenberger M, Ost P, Bosetti DG, Reuter C, Gomez S, Khanfir K, Aebersold DM, Ghadjar P, Pra AD: **Adherence to Contouring and Treatment Planning Requirements Within a Multicentric Trial: Results of the Quality Assurance of the SAKK 09/10 trial.** *Int J Radiat Oncol Biol Phys* 2022, 113(1):80-91. IF 8.0
- Fischer GF, Brugge D, Andratschke N, Baumert BG, Bosetti DG, Caparrotti F, Herrmann E, Papachristofilou A, Rogers S, Schwyzer L, Zwahlen DR, Hundsberger T, Putora PM: **Postoperative radiotherapy for meningiomas – a decision-making analysis.** *BMC Cancer* 2022, 22(1):492. IF 4.6
- La Greca Saint-Esteven A, Bogowicz M, Konukoglu E, Riesterer O, Balermpas P, Guckenberger M, Tanadini-Lang S, van Timmeren JE: **A 2.5D convolutional neural network for HPV prediction in advanced oropharyngeal cancer.** *Comput Biol Med* 2022, 142:105215. IF 6.6
- Le Pechoux C, Pourel N, Barlesi F, Lerouge D, Antoni D, Lamezec B, Nestle U, Boisselier P, Dansin E, Paumier A, Peignaux K, Thillays F, Zalcman G, Madelaine J, Pichon E, Larrouy A, Lavole A, Argo-Leignel D, Derollez M, Faivre-Finn C, Hatton MQ, Riesterer O, Bouvier-Morel E, Dunant A, Edwards JG, Thomas PA, Mercier O, Bardet A: **Postoperative radiotherapy versus no postoperative radiotherapy in patients with completely resected non-small-cell lung cancer and proven mediastinal N2 involvement (Lung ART): an open-label, randomised, phase 3 trial.** *Lancet Oncol* 2022, 23(1):104-114. IF 41.3
- Poni R, Neufeld E, Capstick M, Bodis S, Kuster N: **Rapid SAR optimization for hyperthermic oncology: combining multi-goal optimization and time-multiplexed steering for hotspot suppression.** *Int J Hyperthermia* 2022, 39(1):758-771. IF 3.7
- Riesterer O, Ademaj A, Puric E, Eberle B, Beck M, Gomez S, Marder D, Oberacker E, Rogers S, Hälg RA, Kern T, Schwenne S, Stein J, Stutz E, Timm O, Zschaack S, Weyland MS, Veltsista PD, Wyler S, Wust P, Scheidegger S, Bodis S, Ghadjar P: **Tetramodal therapy with transurethral resection followed by chemoradiation in combination with hyperthermia for muscle-invasive bladder cancer: early results of a multicenter phase II study.** *Int J Hyperthermia* 2022, 39(1):1078-1087. IF 3.9

## BEREICH ZENTRALE MEDIZINISCHE DIENSTE

Rogers S, Baumert B, Blanck O, Bohmer D, Bostrom J, Engenhart-Cabillic R, Ermis E, Exner S, Guckenberger M, Habermehl D, Hemmatazad H, Henke G, Lohaus F, Lux S, Mai S, Minasch D, Rezazadeh A, Steffal C, Temming S, Wittig A, Zweifel C, Riesterer O, Combs SE: **Stereotactic radiosurgery and radiotherapy for resected brain metastases: current pattern of care in the Radio-surgery and Stereotactic Radiotherapy Working Group of the German Association for Radiation Oncology (DEGRO).** *Strahlenther Onkol* 2022, 198(10):919-925. IF 4.0

Rogers SJ, Lomax N, Alonso S, Lazeroms T, Riesterer O: **Radiosurgery for Five to Fifteen Brain Metastases: A Single Centre Experience and a Review of the Literature.** *Front Oncol* 2022, 12:866542. IF 5.7

Steiger HJ, Vollmer K, Rogers S, Schwyzer L: **State of affairs regarding targeted pharmacological therapy of cancers metastasized to the brain.** *Neurosurg Rev* 2022, 45(5):3119-3138. IF 2.8

Stieb S, Engeseth GM, Mohamed ASR, He R, Perez-Martinez I, Rock S, Deshpande TS, Garden AS, Rosenthal DI, Frank SJ, Gunn GB, Fuller CD: **The influence of radiation dose on taste impairment in a prospective observational study cohort of oropharyngeal cancer patients.** *Acta Oncol* 2022, 61(2):146-152. IF 4.0

Stutz E, Puric E, Ademaj A, Kunzi A, Krcek R, Timm O, Marder D, Notter M, Rogers S, Bodis S, Riesterer O: **Present Practice of Radiative Deep Hyperthermia in Combination with Radiotherapy in Switzerland.** *Cancers (Basel)* 2022, 14(5). IF 6.5

van Niekerk WM, Lazeroms T, Rogers SJ, Lomax N, Hälg RA, Gajdos V, Ozden I, Kessler E, Riesterer O: **Optimized workflow to minimise intra-fractional motion during stereotactic body radiotherapy of spinal metastases.** *Tech Innov Patient Support Radiat Oncol* 2022, 24:40-47. IF 1.7

Windisch P, Koechli C, Rogers S, Schroder C, Forster R, Zwahlen DR, Bodis S: **Machine Learning for the Detection and Segmentation of Benign Tumors of the Central Nervous System: A Systematic Review.** *Cancers (Basel)* 2022, 14(11). IF 6.5

## Institut für Rechtsmedizin

Gundlach JP, Braun F, Motter F, Bernsmeier A, Barrio P, Ehmke N, Gunther R, Hinrichsen H, Becker T, Weinmann W, Schrock A, Yegles M, Wurst FM: **Phosphatidylethanol (PEth) for Monitoring Sobriety in Liver Transplant Candidates: Preliminary Results of Differences Between Alcohol-Related and Non-Alcohol-Related Cirrhosis Candidates.** *Ann Transplant* 2022, 27:e936293. IF 1.4

## Spitalpharmazie

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* 2022. IF 2.5

You T, Spinatsch E, Allemann S, Lutters M: **Development of a Protocol Using the Delphi Method for the ad interim Supply of Hormonal Contraceptives in Swiss Pharmacies.** *Pharmacy (Basel)* 2022, 10(6). IF k.A.

## Fachstelle Strahlenschutz und Medizophysik

Markart S, Fischer TS, Wildermuth S, Dietrich TJ, Alkadhi H, Leschka S, Guesewell S, Ditchfield MR, Oezden I, Lutters G, Waelti SL: **Organ-based tube current modulation and bismuth eye shielding in pediatric head computed tomography.** *Pediatr Radiol* 2022, 52(13):2584-2594. IF 3.0

Sommer C, Ozden I, Weyland MS, Duran C, Lutters G, Scheidegger S: **Feasibility of a method for low contrast CT image quality assessment using difference detail curves for abdominal scans.** *Z Med Phys* 2022, 32(2):209-217. IF 7.2

Waelti S, Fischer T, Griessinger J, Cip J, Dietrich TJ, Ditchfield M, Allmendinger T, Messerli M, Markart S: **Ultra-low-dose computed tomography for torsion measurements of the lower extremities in children and adolescents.** *Insights Imaging* 2022, 13(1):118. IF 5.0

## Fachstelle AI und Data Science

Sager P, Salzmann S, Burn F, Stadelmann T: **Unsupervised Domain Adaptation for Vertebrae Detection and Identification in 3D CT Volumes Using a Domain Sanity Loss.** *J Imaging* 2022, 8(8). IF 3.8

**BEREICH PFLEGE UND MTTD**

Conca A, Koch D, Regez K, et al: **Extension and Validation of the Self-care Index to Predict Transfer to a Post-acute Care Institution in Internal Medicine Patients / Erweiterung und Validierung des Selbstpflegeindexes bei internistischen Patienten mit dem Ziel eine Verlegung in eine post-akute Nachsorgeinstitution vorauszusagen.** *International Journal of Health Professions* 2022;9(1):59-66. IF k.A.

Conca A, Koch D, Simolka S, et al: **Entwicklung und Überprüfung prädiktiver Modelle zur Entscheidungsunterstützung für die Pflege.** *Pflegewissenschaft* 2022, 2022; 4:217-24. IF k.A.

Gregoriano C, Voelkle M, Koch D, Hauser SI, Kutz A, Mueller B, Schuetz P: **Association of Different Malnutrition Parameters and Clinical Outcomes among COVID-19 Patients: An Observational Study.** *Nutrients* 2022, 14(16). IF 6.7

Guggisberg H, Nicca D, Kohler A, Bruggmann P, Patrizia Kunzler-Heule P: **"Shaping the new freedom": A reflexive thematic analysis on patients' post cure needs after years of living with hepatitis C.** *Swiss Med Wkly* 2022, 152:w30177. IF 2.1

Koch D, Kutz A, Volken T, Gregoriano C, Conca A, Kleinknecht-Dolf M, Schuetz P, Mueller B: **Derivation and validation of a prediction model to establish nursing-sensitive quality benchmarks in medical inpatients: a secondary data analysis of a prospective cohort study.** *Swiss Med Wkly* 2022, 152:w30152. IF 2.1

Kutz A, Koch D, Haubitz S, Conca A, Baechli C, Regez K, Gregoriano C, Ebrahimi F, Bassetti S, Eckstein J, Beer J, Egloff M, Kaeppeli A, Ehmann T, Hoess C, Schaad H, Wharam JF, Lieberherr A, Wagner U, de Geest S, Schuetz P, Mueller B: **Association of Interprofessional Discharge Planning Using an Electronic Health Record Tool With Hospital Length of Stay Among Patients with Multimorbidity: A Nonrandomized Controlled Trial.** *JAMA Netw Open* 2022, 5(9):e2233667. IF 13.3

Tribolet P, Kaegi-Braun N, Gressies C, Baumgartner A, Wagner KH, Stanga Z, Schuetz P: **Handgrip Strength Values Depend on Tumor Entity and Predict 180-Day Mortality in Malnourished Cancer Patients.** *Nutrients* 2022, 14(10). IF 6.7

Vetter L, Conca A, Richter D: **Patientenzufriedenheit mit Anästhesieleistungen – Überarbeitung und Validierung eines Fragebogens.** *HeilberufeScience* 2022. IF 0.2

Wolfisberg S, Gregoriano C, Struja T, Kutz A, Koch D, Bernasconi L, Hammerer-Lercher A, Mohr C, Haubitz S, Conen A, Fux CA, Mueller B, Schuetz P: **Call, chosen, HA(2)T(2), ANDC: validation of four severity scores in COVID-19 patients.** *Infection* 2022, 50(3):651-659. IF 7.4

Zuniga F, Wicki R, Staudacher S, Basinska K: **[How nurse experts in Swiss nursing homes shape their role development: A qualitative secondary analysis].** *Pflege* 2022, 35(6):337-343. IF 1.3