

KSA

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WISSENSCHAFTLICHE
PUBLIKATIONEN

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

Bargetzi A, Emmenegger N, Wildisen S, Nickler M, Bargetzi L, Hersberger L, Segerer S, Kaegi-Braun N, Tribolet P, Gomes F, Hoess C, Pavlicek V, Bilz S, Sigrist S, Brändle M, Henzen C, Thomann R, Rutishauser J, Aujesky D, Rodondi N, Donze J, Stanga Z, Mueller B, Schuetz P: **Admission kidney function is a strong predictor for the response to nutritional support in patients at nutritional risk.** *Clin Nutr* 2021, 40(5):2762-2771. IF 7.3

Bargetzi L, Bargetzi M, Laviano A, Stanga Z, Schuetz P: **Inflammation reduces the effect of nutritional therapy on clinical outcomes in cancer patients.** *Ann Oncol* 2021, 32(11):1451-1452. IF 32.9

Bargetzi L, Brack C, Herrmann J, Bargetzi A, Hersberger L, Bargetzi M, Kaegi-Braun N, Tribolet P, Gomes F, Hoess C, Pavlicek V, Bilz S, Sigrist S, Brändle M, Henzen C, Thomann R, Rutishauser J, Aujesky D, Rodondi N, Donzé J, Laviano A, Stanga Z, Mueller B, Schuetz P: **Nutritional support during the hospital stay reduces mortality in patients with different types of cancers: secondary analysis of a prospective randomized trial.** *Ann Oncol* 2021, 32(8):1025-1033. IF 32.9

Bargetzi L, Laviano A, Stanga Z, Schuetz P: **What is optimal nutritional support in acutely ill cancer patients? More may not be better.** *Ann Oncol* 2021, 32(10):1305-1306. IF 32.9

Baumgartner A, Hasenboehler F, Cantone J, Hersberger L, Bargetzi A, Bargetzi L, Kaegi-Braun N, Tribolet P, Gomes F, Hoess C, Pavlicek V, Bilz S, Sigrist S, Brändle M, Henzen C, Thomann R, Rutishauser J, Aujesky D, Rodondi N, Donzé J, Stanga Z, Mueller B, Schuetz P: **Effect of nutritional support in patients with lower respiratory tract infection: Secondary analysis of a randomized clinical trial.** *Clin Nutr* 2021, 40(4):1843-1850. IF 7.3

Baumgartner A, Pachnis D, Parra L, Hersberger L, Bargetzi A, Bargetzi L, Kaegi-Braun N, Tribolet P, Gomes F, Hoess C, Pavlicek V, Bilz S, Sigrist S, Braendle M, Henzen C, Thomann R, Rutishauser J, Aujesky D, Rodondi N, Donze J, Stanga Z, Mueller B, Schuetz P: **The impact of nutritional support on malnourished inpatients with aging-related vulnerability.** *Nutrition* 2021, 89:111279. IF 4.0

Beck K, Vincent A, Becker C, Keller A, Cam H, Schaefer R, Reinhardt T, Sutter R, Tisljar K, Bassetti S, Schuetz P, Hunziker S: **Prevalence and factors associated with psychological burden in COVID-19 patients and their relatives: A prospective observational cohort study.** *PLoS One* 2021, 16(5):e0250590. IF 3.2

Becker C, Beck K, Zumbrunn S, Memma V, Herzog N, Bissmann B, Gross S, Loretz N, Mueller J, Amacher SA, Bohren C, Schaefer R, Bassetti S, Fux C, Mueller B, Schuetz P, Hunziker S: **Long COVID 1 year after hospitalisation for COVID-19: a prospective bicentric cohort study.** *Swiss Med Wkly* 2021, 151:w30091. IF 2.2

Becker C, Gamp M, Schuetz P, Beck K, Vincent A, Hochstrasser S, Metzger K, Widmer M, Thommen E, Mueller B, Fux CA, Leuppi JD, Schaefer R, Langewitz W, Trendelenburg M, Breidthardt T, Eckstein J, Osthoff M, Bassetti S, Hunziker S: **Effect of Bedside Compared With Outside the Room Patient Case Presentation on Patients' Knowledge About Their Medical Care : A Randomized, Controlled, Multicenter Trial.** *Ann Intern Med* 2021, 174(9):1282-1292. IF 25.3

Berkmann S, Brun J, Schuetz P, Christ E, Mariani L, Mueller B: **Prevalence and outcome of comorbidities associated with acromegaly.** *Acta neurochirurgica* 2021, 163(11):3171-3180. IF 2.2

Berkmann S, Lattmann J, Schuetz P, Diepers M, Remonda L, Fandino J, Buchfelder M, Mueller B: **The Shape grading system: a classification for growth patterns of pituitary adenomas.** *Acta neurochirurgica* 2021, 163(11):3181-3189. IF 2.2

Berkmann S, Roethlisberger M, Mueller B, Christ-Crain M, Mariani L, Nitzsche E, Juengling F: **Selective resection of cushing microadenoma guided by preoperative hybrid 18-fluoroethyl-L-tyrosine and 11-C-methionine PET/MRI.** *Pituitary* 2021, 24(6):878-886. IF 4.1

Brotzer L, Nickler M, Kim MJ, Mueller B, Blum CA: **Adrenal function testing in dialysis patients – a review of the literature.** *BMC nephrology* 2021, 22(1):360 IF 2.1

Conca A, Koch D, Regez K, Kutz A, Bachli C, Haubitz S, Schuetz P, Mueller B, Spirig R, Petry H: **Self-Care Index and Post-Acute Care Discharge Score to Predict Discharge Destination of Adult Medical Inpatients: Protocol for a Multicenter Validation Study.** *JMIR Res Protoc* 2021, 10(1):e21447. IF 1.2

Bereich Medizin

DeSear KE, Thompson-Leduc P, Van Schooneveld TC, Kirson N, Chritton JJ, le S, Cheung HC, Ou S, Zimmer L, Schuetz P: **Decreased antibiotic exposure using a procalcitonin protocol for respiratory infections and sepsis in US community hospitals (ProCommunity).** *Curr Med Res Opin* 2021, 37(5):727-733. IF 2.0

Ebrahimi F, Urwyler SA, Betz MJ, Christ ER, Schuetz P, Mueller B, Donath MY, Christ-Crain M: **Effects of interleukin-1 antagonism and corticosteroids on fibroblast growth factor-21 in patients with metabolic syndrome.** *Scientific reports* 2021, 11(1):7911. IF 4.3

Efthymiou A, Hersberger L, Reber E, Schonenberger KA, Kagi-Braun N, Trbolet P, Mueller B, Schuetz P, Stanga Z, group Es: **Nutritional risk is a predictor for long-term mortality: 5-Year follow-up of the EFFORT trial.** *Clin Nutr* 2021, 40(4):1546-1554. IF 7.3

Fischli S, von Wyly V, Wuillemin W, von Kanel R, Schutz P, Christ-Crain M, Studer F, Brander L, Schupfer G, Metzger J, Henzen C: **Impact of Adrenal Function on Hemostasis/Endothelial Function in Patients Undergoing Surgery.** *J Endocr Soc* 2021, 5(5):bvab047. IF 3.2

Gregoriano C, Damm D, Kutz A, Koch D, Wolfisberg S, Haubitz S, Conen A, Bernasconi L, Hammerer-Lercher A, Fux CA, Mueller B, Schuetz P: **Association of endothelial activation assessed through endothelin-I precursor peptide measurement with mortality in COVID-19 patients: an observational analysis.** *Respiratory research* 2021, 22(1):148. IF 5.6

Gregoriano C, Koch D, Kutz A, Haubitz S, Conen A, Bernasconi L, Hammerer-Lercher A, Saeed K, Mueller B, Schuetz P: **The vasoactive peptide MR-pro-adrenomedullin in COVID-19 patients: an observational study.** *Clin Chem Lab Med* 2021, 59(5):995-1004. IF 3.6

Gregoriano C, Molitor A, Haag E, Kutz A, Koch D, Haubitz S, Conen A, Bernasconi L, Hammerer-Lercher A, Fux CA, Mueller B, Schuetz P: **Activation of Vasopressin System During COVID-19 is Associated With Adverse Clinical Outcomes: An Observational Study.** *J Endocr Soc* 2021, 5(6):bvab045. IF 3.2

Gut L, Bernet S, Huembelin M, Mueller M, Baechli C, Koch D, Nebiker C, Schuetz P, Mueller B, Christ E, Ebrahimi F, Kutz A: **Sex-Specific Differences in Outcomes Following Thyroidectomy: A Population-Based Cohort Study.** *Eur Thyroid J* 2021, 10(6):476-485. IF 3.7

Haag E, Gregoriano C, Molitor A, Kloter M, Kutz A, Mueller B, Schuetz P: **Does mid-regional pro-adrenomedullin (MR-pro-ADM) improve the sequential organ failure assessment-score (SOFA score) for mortality-prediction in patients with acute infections? Results of a prospective observational study.** *Clin Chem Lab Med* 2021, 59(6):1165-1176. IF 3.6

Heilmann E, Gregoriano C, Annane D, Reinhart K, Bouadma L, Wolff M, Chastre J, Luyt CE, Tubach F, Branche AR, Briel M, Christ-Crain M, Welte T, Corti C, de Jong E, Nijsten M, de Lange DW, van Oers JAH, Beishuizen A, Girbes ARJ, Deliberato RO, Schroeder S, Kristoffersen KB, Layios N, Damas P, Lima SSS, Nobre V, Wei L, Oliveira CF, Shehabi Y, Stoltz D, Tamm M, Verduri A, Wang JX, Drevet S, Gavazzi G, Mueller B, Schuetz P: **Duration of antibiotic treatment using procalcitonin-guided treatment algorithms in older patients: a patient-level meta-analysis from randomized controlled trials.** *Age and ageing* 2021, 50(5):1546-1556. IF 10.6

Hersberger L, Dietz A, Bürgler H, Bargetzi A, Bargetzi L, Kägi-Braun N, Trbolet P, Gomes F, Hoess C, Pavlicek V, Bilz S, Sigrist S, Brändle M, Henzen C, Thomann R, Rutishauser J, Aujesky D, Rodondi N, Donzé J, Stanga Z, Mueller B, Schuetz P: **Individualized Nutritional Support for Hospitalized Patients With Chronic Heart Failure.** *J Am Coll Cardiol* 2021, 77(18):2307-2319. IF 24.0

Hersberger L, Stanga Z, Schuetz P: Reply: **The Importance of Objective Nutritional Indexes in Heart Failure Patients.** *J Am Coll Cardiol* 2021, 78(8):856-857. IF 24.0

Huynh HH, Boeuf A, Pfannkuche J, Schuetz P, Thelen M, Nordin G, van der Hagen E, Kaiser P, Kesseler D, Badrick T, Poggi B, Tiikkainen U, Davies GJ, Kessler A, Plebani M, Vinh J, Delatour V: **Harmonization status of procalcitonin measurements: what do comparison studies and EQA schemes tell us?** *Clin Chem Lab Med* 2021, 59(10):1610-1622. IF 3.6

Kaegi-Braun N, Faessli M, Kilchoer F, Dragusha S, Trbolet P, Gomes F, Bretscher C, Germann S, Deutz NE, Stanga Z, Mueller B, Schuetz P: **Nutritional trials using high protein strategies and long duration of support show strongest clinical effects on mortality.: Results of an updated systematic review and meta-analysis.** *Clin Nutr ESPEN* 2021, 45:45-54. IF 2.3

Kaegi-Braun N, Mueller M, Schuetz P, Mueller B, Kutz A: **Evaluation of Nutritional Support and In-Hospital Mortality in Patients With Malnutrition.** *JAMA Netw Open* 2021, 4(1):e2033433. IF 8.4

Bereich Medizin

Kaegi-Braun N, Trbolet P, Baumgartner A, Fehr R, Baechli V, Geiser M, Deiss M, Gomes F, Kutz A, Hoess C, Pavlicek V, Schmid S, Bilz S, Sigrist S, Brandle M, Benz C, Henzen C, Thomann R, Rutishauser J, Aujesky D, Rodondi N, Donze J, Stanga Z, Mueller B, Schuetz P: **Value of handgrip strength to predict clinical outcomes and therapeutic response in malnourished medical inpatients: Secondary analysis of a randomized controlled trial.** *Am J Clin Nutr* 2021, 114(2):731-740. IF 7.0

Kaegi-Braun N, Trbolet P, Gomes F, Fehr R, Baechli V, Geiser M, Deiss M, Kutz A, Bregenzer T, Hoess C, Pavlicek V, Schmid S, Bilz S, Sigrist S, Brandle M, Benz C, Henzen C, Mattmann S, Thomann R, Rutishauser J, Aujesky D, Rodondi N, Donze J, Stanga Z, Mueller B, Schuetz P: **Six-month outcomes after individualized nutritional support during the hospital stay in medical patients at nutritional risk: Secondary analysis of a prospective randomized trial.** *Clin Nutr* 2021, 40(3):812-819. IF 7.3

Kloter M, Gregoriano C, Haag E, Kutz A, Mueller B, Schuetz P: **Risk assessment of sepsis through measurement of proAVP (copeptin): a secondary analysis of the TRIAGE study.** *Endocr Connect* 2021, 10(9):995-1005. IF 3.3

Kurmann S, Reber E, Vasiloglou MF, Schuetz P, Schoenenberger AW, Uhlmann K, Sterchi AB, Stanga Z: **Energy and protein intake in medical and geriatric inpatients with MEDPass versus conventional administration of oral nutritional supplements: study protocol for the randomized controlled MEDPass Trial.** *Trials* 2021, 22(1):210. IF 2.2

Kutz A, Conen A, Gregoriano C, Haubitz S, Koch D, Domenig O, Bernasconi L, Mueller B, Schuetz P: **Renin-angiotensin-aldosterone system peptide profiles in patients with COVID-19.** *Eur J Endocrinol* 2021, 184(4):543-552. IF 6.6

Mueller M, Ebrahimi F, Christ E, Nebiker CA, Schuetz P, Mueller B, Kutz A: **Safety of parathyroidectomy in older vs. younger patients with primary hyperparathyroidism.** *Endocr Connect* 2021, 10(10):1273-1282. IF 3.3

Muller M, Huembelin M, Baechli C, Wagner U, Schuetz P, Mueller B, Kutz A: **Association of in-hospital multimorbidity with healthcare outcomes in Swiss medical inpatients.** *Swiss Med Wkly* 2021, 151:w20405. IF 2.2

Poole S, Townsend J, Wertheim H, Kidd SP, Welte T, Schuetz P, Luyt CE, Beishuizen A, Jensen JS, Del Castillo JG, Plebani M, Saeed K: **How are rapid diagnostic tests for infectious diseases used in clinical practice: a global survey by the International Society of Antimicrobial Chemotherapy (ISAC).** *Eur J Clin Microbiol Infect Dis* 2021, 40(2):429-434. IF 3.2

Raess N, Schuetz P, Cesana-Nigro N, Winzeler B, Urwyler SA, Schaederlin S, Rodondi N, Blum MR, Briel M, Mueller B, Christ-Crain M, Blum CA: **Influence of Prednisone on Inflammatory Biomarkers in Community-Acquired Pneumonia: Secondary Analysis of a Randomized Trial.** *J Clin Pharmacol* 2021, 61(11):1406-1414. IF 2.8

Reber E, Staub K, Schönenberger KA, Stanga A, Leuenberger M, Richard C, Schuetz P, Mühlbach S, Stanga Z: **Management of Home Parenteral Nutrition: Complications and Survival.** *Ann Nutr Metab* 2021, 77(1):46-55. IF 3.3

Sailer CO, Refardt J, Blum CA, Schnyder I, Molina-Tijeras JA, Fenske W, Christ-Crain M: **Validity of different copeptin assays in the differential diagnosis of the polyuria-polydipsia syndrome.** *Sci Rep* 2021, 11(1):10104. IF 4.0

Schuetz P, Gregoriano C, Keller U: **Supplementation of the population during the COVID-19 pandemic with vitamins and micronutrients - how much evidence is needed?** *Swiss Med Wkly* 2021, 151:w20522. IF 2.2

Schuetz P, Seres D, Lobo DN, Gomes F, Kaegi-Braun N, Stanga Z: **Management of disease-related malnutrition for patients being treated in hospital.** *Lancet* 2021, 398(10314):1927-1938. IF 79.3

Schuetz P, Sulo S, Walzer S, Vollmer L, Brunton C, Kaegi-Braun N, Stanga Z, Mueller B, Gomes F: **Cost savings associated with nutritional support in medical inpatients: an economic model based on data from a systematic review of randomized trials.** *BMJ open* 2021, 11(7):e046402. IF 2.6

Sivapalan P, Rutishauser J, Ulrik CS, Leuppi JD, Pedersen L, Mueller B, Eklöf J, Biering-Sørensen T, Gottlieb V, Armbruster K, Janner J, Moberg M, Lapperre TS, Nielsen TL, Browatzki A, Mathioudakis A, Vestbo J, Schüetz P, Jensen JU: **Effect of different corticosteroid regimes for hospitalised patients with exacerbated COPD: pooled analysis of individual participant data from the REDUCE and CORTICO-COP trials.** *Respir Res* 2021, 22(1):155. IF 5.6

Steck A, Nebiker C, Capraro J, Yurtsever H, Toutonji AA, Struja T: **[VIPoma of the Pancreas].** *Praxis (Bern 1994)* 2021, 110(11):637-642. IF 0.1

Struja T, Capraro J: **Synchronous pituitary and pineal gland lesions presenting with panhypopituitarism in a patient with widespread colorectal cancer: a case report.** *Oxf Med Case Reports* 2021, 2021(5):omab030. IF 0.4

Bereich Medizin

Struja T, Koch D, Haubitz S, Mueller B, Schuetz P, Siepmann T: **Quality of life after hospitalization predicts one-year readmission risk in a large Swiss cohort of medical in-patients.** *Qual Life Res* 2021, 30(7):1863-1871. IF 4.1

Struja T, Wolski W, Schapbach R, Mueller B, Laczko E, Schuetz P: **Association of metabolomic markers and response to nutritional support: A secondary analysis of the EFFORT trial using an untargeted metabolomics approach.** *Clin Nutr* 2021, 40(9):5062-5070. IF 7.3

Toenges R, Greinix H, Lawitschka A, Halter J, Baumgartner A, Simon A, Arends J, Jager P, Middeke M, Hilgendorf I, Klein S, Wagner-Drouet EM, Schmid C, Bug G, Wolff D, German-Austrian-Swiss Gc: **Current practice in nutrition after allogeneic hematopoietic stem cell transplantation – Results from a survey among hematopoietic stem cell transplant centers.** *Clin Nutr* 2021, 40(4):1571-1577. IF 5.7

Vincent A, Beck K, Becker C, Zumbrunn S, Ramin-Wright M, Urben T, Quinto A, Schaefer R, Meinlschmidt G, Gaab J, Reinhardt T, Bassetti S, Schuetz P, Hunziker S: **Psychological burden in patients with COVID-19 and their relatives 90 days after hospitalization: A prospective observational cohort study.** *J Psychosom Res* 2021, 147:110526. IF 3.0

Vincent A, Semmer NK, Becker C, Beck K, Tschan F, Bobst C, Schuetz P, Marsch S, Hunziker S: **Does stress influence the performance of cardiopulmonary resuscitation? A narrative review of the literature.** *J Crit Care* 2021, 63:223-230. IF 3.4

Vogt S, Leuppi JD, Schuetz P, Mueller B, Volken C, Drager S, Trendelenburg M, Rutishauser J, Osthoff M: **Association of mannose-binding lectin, ficolin-2 and immunoglobulin concentrations with future exacerbations in patients with chronic obstructive pulmonary disease: secondary analysis of the randomized controlled REDUCE trial.** *Respiratory Research* 2021, 22(1):227. IF 5.6

Wolfisberg S, Gregoriano C, Schuetz P: **Procalcitonin for individualizing antibiotic treatment: an update with a focus on COVID-19.** *Crit Rev Clin Lab Sci* 2021:1-12. IF 6.2

Wolfisberg S, Gregoriano C, Struja T, Kutz A, Koch D, Bernasconi L, Hammerer-Lercher A, Mohr C, Haubitz S, Conen A, Fux C, Mueller B, Schuetz P: **Comparison of characteristics, predictors and outcomes between the first and second COVID-19 waves in a tertiary care centre in Switzerland: an observational analysis.** *Swiss Med Wkly* 2021, 151:w20569. IF 2.2

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, HA2T2, ANDC: validation of four severity scores in COVID-19 patients.** *Infection* 2021. IF 3.5

Angiologie

Bohme T, Noory E, Beschorner U, Lerke F, Schmidt A, Scheinert D, Ito W, Zeller T, Rastan A: **Photoablative atherectomy followed by a paclitaxel-coated balloon to inhibit restenosis in instant femoro-popliteal obstructions (PHOTOPAC).** *Vasa* 2021, 50(5):387-393. IF 1.9

Ciftci U, Marti R, Fahrni J, Gahwiler R, Thalhammer C, Gurke L, Isaak A: **External stenting and disease progression in vein grafts 1 year after open surgical repair of popliteal artery aneurysm.** *J Vasc Surg* 2021, 74(2):521-527. IF 4.2

Gahwiler R, Hirschmuller A, Grumann T, Isaak A, Thalhammer C: **Exercise induced leg pain due to endofibrosis of external iliac artery.** *Vasa* 2021, 50(2):92-100. IF 1.9

Jonczy ML, Thalhammer C: **Drug-coated balloons - the golden tool for treatment of stenotic lesions in dysfunctional haemodialysis fistulas?** *Vasa* 2021, 50(1):78. IF 1.9

Köger P, Engelberger S, Thalhammer C, Wüthrich R, Valentin ML, Kucher N, Clemens RK: **Association of Intrarenal Resistance Index and Systemic Atherosclerosis After Kidney Transplantation.** *In vivo* 2021, 35(6):3369-3375 IF 2.1

Kieback AG, Gahwiler R, Thalhammer C: **PAD screening: why? whom? when? how? - a systematic review.** *Vasa* 2021, 50(2):85-91. IF 1.9

Rastan A, Brodmann M, Bohme T, Macharzina R, Noory E, Beschorner U, Flugel PC, Burgelin K, Neumann FJ, Zeller T: **Atherectomy and Drug-Coated Balloon Angioplasty for the Treatment of Long Infrapopliteal Lesions: A Randomized Controlled Trial.** *Circ Cardiovasc Interv* 2021, 14(6):e010280. IF 3.4

Bereich Medizin

Dermatologie und Allergologie

Loman L, Uter W, Armario-Hita JC, Ayala F, Balato A, Ballmer-Weber BK, Bauer A, Bircher AJ, Buhl T, Czarnecka-Operacz M, Dickel H, Fuchs T, Giménez Arnau A, John SM, Kränke B, Kręcisz B, Mahler V, Rustemeyer T, Sadowska-Przytocka A, Sánchez-Pérez J, Scherer Hofmeier K, Schliemann S, Simon D, Spiewak R, Spring P, Valiukenė S, Wagner N, Weisshaar E, Pesonen M, Schuttelaar MLA: **European Surveillance System on Contact Allergies (ESSCA): Characteristics of patients patch tested and diagnosed with irritant contact dermatitis.** *Contact Dermatitis* 2021, 85(2):186-197. IF 6.6

Steeb T, Wessely A, Alter M, Bayerl C, Bender A, Bruning G, Dabrowski E, Debus D, Devereux N, Dippel E, Drexler K, Ducker P, Dummer R, Emmert S, Elsner P, Enk A, Gebhardt C, Gesierich A, Goebeler M, Goerdt S, Goetze S, Gutzmer R, Haferkamp S, Hansel G, Hassel JC, Heinzerling L, Kahler KC, Kaume KM, Krapf W, Kreuzberg N, Lehmann P, Livingstone E, Loffler H, Loquai C, Mauch C, Mangana J, Meier F, Meissner M, Moritz RKC, Maul LV, Muller V, Mohr P, Navarini A, Van Nguyen A, Pfeiffer C, Pfohler C, Posch C, Richtig E, Rompel R, Sachse MM, Sauder S, Schadendorf D, Schatton K, Schulze HJ, Schultz E, Schilling B, Schmuth M, Simon JC, Streit M, Terheyden P, Thiem A, Tuting T, Welzel J, Weyandt G, Wesselmann U, Wollina U, Ziemer M, Zimmer L, Zutt M, Berking C, Schlaak M, Heppt MV, German Dermatologic Cooperative Oncology G: **Patterns of care and follow-up care of patients with uveal melanoma in German-speaking countries: a multinational survey of the German Dermatologic Cooperative Oncology Group (DeCOG).** *J Cancer Res Clin Oncol* 2021, 147(6):1763-1771. IF 4.5

Storck M, Sandmann S, Bruland P, Pereira MP, Steinke S, Riepe C, Soto-Rey I, Garcovich S, Augustin M, Blome C, Bobko S, Legat FJ, Potekaev N, Lvov A, Misery L, Weger W, Reich A, Savk E, Streit M, Serra-Baldrich E, Szepietowski JC, Dugas M, Stander S, Zeidler C: **Pruritus Intensity Scales across Europe: a prospective validation study.** *J Eur Acad Dermatol Venereol* 2021, 35(5):1176-1185. IF 6.1

Gastroenterologie

Boziki M, Grigoriadis N, Papaefthymiou A, Doulberis M, Polyzos SA, Gavalas E, Deretzi G, Karafoulidou E, Kesidou E, Talioumtzis C, Theotokis P, Sofou E, Katsinelos P, Vardaka E, Fludaras I, Touloumtzi M, Koukoufiki A, Simeonidou C, Liatsos C, Kountouras J: **The trimebutine effect on Helicobacter pylori-related gastrointestinal tract and brain disorders: A hypothesis.** *Neurochem Int* 2021, 144:104938. IF 3.9

Boziki M, Polyzos SA, Papaefthymiou A, Doulberis M, Bakirtzis C, Sintila SA, Touloumtzi M, Grigoriadis N, Kountouras J: **Potential impact of Helicobacter pylori-related metabolic syndrome and Galectin-3 on liver, chronic kidney and brain disorders.** *Metabolism* 2021, 118:154736. IF 8.6

Datfar T, Doulberis M, Papaefthymiou A, Hines IN, Manzini G: **Viral Hepatitis and Hepatocellular Carcinoma: State of the Art.** *Pathogens* 2021, 10(11). IF 3.4

Doulberis M, Knuchel J, Hartmann M, Rupp S, Kuntzen T: **Post-colonoscopy appendicitis: Causality or coincidence?** *J Gastroenterol Hepatol* 2021, 36(2):523. IF 4.0

Doulberis M, Papaefthymiou A, Polyzos SA, Kotronis G, Gialamprinou D, Tzitiridou-Chatzopoulou M, Touloumtzi M, Kountouras J: **Helicobacter pylori, Sleeve Gastrectomy, and Gastroesophageal Reflux Disease: Is There a Relation?** *Obes Surg* 2021, 31(4):1839-1840. IF 4.1

Doulberis M, Papaefthymiou A, Srivastava DS, Exadaktylos AK, Katsinelos P, Kountouras J, Polyzos SA: **Update on the association between non-alcoholic fatty liver disease and Helicobacter pylori infection.** *Int J Clin Pract* 2021, 75(4):e13737. IF 2.5

Doulberis M, Pierre NT, Manzini G, Papaefthymiou A, Kountouras J, Klukowska-Rotzler J, Polyzos SA, Srivastava S, Exadaktylos AK, Knuchel J, Kuntzen T, Srivastava DS: **Helicobacter pylori-Related Metabolic Parameters and Premalignant Gastric Mucosa Histological Lesions in Swiss Bariatric Patients.** *Microorganisms* 2021, 9(7). IF 4.1

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* 2021. IF 1.5

Kountouras J, Papaefthymiou A, Doulberis M, Polyzos SA, Zavos C, Kazakos E, Tzika SK, Vardaka E, Liatsos C, Katsinelos P: **Impact of Helicobacter pylori-related Metabolic Syndrome and Gastroesophageal Reflux Disease on the Risk of Acute Myocardial Infarction.** *J Neurogastroenterol Motil* 2021, 27(1):147-148. IF 3.8

Bereich Medizin

Kountouras J, Papaefthymiou A, Polyzos SA, Deretzi G, Vardaka E, Soteriades ES, Tzitiridou-Chatzopoulou M, Gkolfakis P, Karafyllidou K, Doulberis M: **Impact of Helicobacter pylori-Related Metabolic Syndrome Parameters on Arterial Hypertension.** *Microorganisms* 2021, 9(11). IF 3.8

Kountouras J, Papaefthymiou A, Polyzos SA, Doulberis M: **A potential impact of Helicobacter pylori-related sarcopenia on severity of portal hypertension.** *Liver Int* 2021, 41(5):1168-1169. IF 5.8

Kountouras J, Papaefthymiou A, Polyzos SA, Vardaka E, Boziki M, Kyriakopoulos A, Sampsonas F, Agrotis G, Karafyllidou K, Doulberis M: **Impact of Helicobacter pylori-related Microbial Dysbiosis in the Pathogenesis of Metabolic Syndrome and Gastrointestinal Dysmotility Disorders.** *J Neurogastroenterol Motil* 2021, 27(4):653-654. IF 3.8

Nyssen OP, Vaira D, Aisa AP, 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, Kucinskas J, Bordin D, Marcos-Pinto R, Lerand 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, Hp-EuReg I: **Empirical second-line therapy in 5,000 patients of the European Registry on Helicobacter pylori Management (Hp-EuReg).** *Clin Gastroenterol Hepatol* 2021. IF 11.3

Papaefthymiou A, Doulberis M, Karafyllidou K, Chatzimichael E, Deretzi G, Exadaktylos AK, Sampsonas F, Gelasakis A, Papamichos SI, Kotronis G, Gialamprinou D, Vardaka E, Polyzos SA, Kountouras J: **Effect of spironolactone on pharmacological treatment of nonalcoholic fatty liver disease.** *Minerva Endocrinol (Torino)* 2021. IF 2.1

Papaefthymiou A, Koffas A, Kountouras J, Doulberis M, Kaltsa A, Tsipopoulos F, Christodoulidis G, Kapsoritakis A, Potamianos S: **The impact of COVID-19 pandemic on gastrointestinal diseases: a single-center cross-sectional study in central Greece.** *Ann Gastroenterol* 2021, 34(3):323-330. IF 2.4

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* 2021. IF 9.0

Polyzos SA, Papaefthymiou A, Doulberis M, Mavridoglou G, Kountouras J: **Helicobacter pylori infection and diabetes mellitus.** *Diabetes & metabolic syndrome* 2021, 15(3):845-846. IF 3.3

Rogers SJ, Datta NR, Puric E, Timm O, Marder D, Khan S, Mamot C, Knuchel J, Siebenhuner A, Pestalozzi B, Guckenberger M, Bodis S, Riesterer O: **The addition of deep hyperthermia to gemcitabine-based chemoradiation may achieve enhanced survival in unresectable locally advanced adenocarcinoma of the pancreas.** *Clin Transl Radiat Oncol* 2021, 27:109-113. IF 4.9

Wagener C, Schindera S, Kuntzen T, Grobholz R: **[Unexpected deposits in the upper gastrointestinal tract : When medical history matters].** *Pathologe* 2021, 42(2):235-240. IF 1.0

Hämatologie und Transfusionsmedizin / Onkologie

Bana M, Ribi K, Peters S, Kropf-Staub S, Naf E, Zurcher-Florin S, Stoffel B, Blaeuer C, Borner M, Malin D, Biber R, Betticher D, Kuhn-Bachler T, Cantoni N, Seeger T, Butikofer L, Eicher M, Symptom Navi Program G: **Pilot Testing of a Nurse-Led Basic Symptom Self-management Support for Patients Receiving First-Line Systemic Outpatient Anticancer Treatment: A Cluster-Randomized Study (Symptom Navi Pilot Study).** *Cancer Nurs* 2021, 44(6):E687-E702. IF 2.5

Bargetzi L, Bargetzi M, Laviano A, Stanga Z, Schuetz P: **Inflammation reduces the effect of nutritional therapy on clinical outcomes in cancer patients.** *Ann Oncol* 2021, 32(11):1451-1452. IF 32.9

Bargetzi L, Brack C, Herrmann J, Bargetzi A, Hersberger L, Bargetzi M, Kaegi-Braun N, Trbolet P, Gomes F, Hoess C, Pavlicek V, Bilz S, Sigrist S, Brändle M, Henzen C, Thomann R, Rutishauser J, Aujesky D, Rodondi N, Donzé J, Laviano A, Stanga Z, Mueller B, Schuetz P: **Nutritional support during the hospital stay reduces mortality in patients with different types of cancers: secondary analysis of a prospective randomized trial.** *Ann Oncol* 2021, 32(8):1025-1033. IF 32.9

Bargetzi L, Laviano A, Stanga Z, Schuetz P: **What is optimal nutritional support in acutely ill cancer patients? More may not be better.** *Ann Oncol* 2021, 32(10):1305-1306. IF 32.9

Bereich Medizin

Brune MM, Stussi G, Lundberg P, Vela V, Heim D, Manz MG, Haralambieva E, Pabst T, Banz Y, Bargetzi M, Grobholz R, Fehr M, Cogliatti S, Ossenkoppele GJ, Lowenberg B, Rudolf CB, Li Q, Passweg J, Mazzuchelli L, Medinger M, Tzankov A, Dutch-Belgian Hemato-Oncology Cooperative G, Swiss Group for Clinical Cancer R: **Effects of lenalidomide on the bone marrow microenvironment in acute myeloid leukemia: Translational analysis of the HOVON103 AML/SAKK30/10 Swiss trial cohort.** *Ann Hematol* 2021, 100(5):1169-1179. IF 3.5

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, Chauvie 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* 2021. IF 5.2

Condoluci A, Theaudin M, Schwotzer R, Pazhenkottil AP, Arosio P, Averaimo M, Bacher U, Bode P, Cavalli A, Dirnhofer S, Djerbi N, Dobner S, Fehr T, Garofalo M, Gaspert A, Gerull S, Heimgartner R, Hubers A, Jung HH, Kessler C, Knopfel R, Laptseva N, Magini G, Manka R, Mazzucchelli L, Meyer M, Mihaylova V, Monney P, Mylonas A, Nkoulou R, Pabst T, Pfister O, Rufier A, Schmidt A, Seeger H, Stampfli SF, Stirnimann G, Suter T, Treglia G, Tzankov A, Vetter F, Zweier M, Flammer AJ, Gerber B: **Management of transthyretin amyloidosis.** *Swiss Med Wkly* 2021, 151:w30053. IF 2.2

Eyre TA, Caillard S, Finel H, Boumendil A, Kothari J, Zimmermann H, Trappe RU, De Wilde V, Tholouli E, Kanfer E, Broom A, Damaj G, Bargetzi M, Kozak T, Hilgendorf I, Crawley C, Kerre T, Trneny M, Bachy E, Robinson S, Montoto S: **Autologous stem cell transplantation for post-transplant lymphoproliferative disorders after solid organ transplantation: a retrospective analysis from the Lymphoma Working Party of the EBMT.** *Bone Marrow Transplant* 2021, 56(9):2118-2124. IF 5.4

Janssen J, Lowenberg B, Manz M, Bargetzi M, Biemond B, Borne PVD, Breems D, Brouwer R, Chalandon Y, Deeren D, Efthymiou A, Gjertsen BT, Graux C, Gregor M, Heim D, Hess U, Hoogendoorn M, Jaspers A, Jie A, Jongen-Lavencic M, Klein S, Klift MV, Kuball J, Lammeren-Venema DV, Legdeur MC, Loosdrecht AV, Maertens J, Kooy MVM, Moors I, Nijziel M, Obbergh FV, Oosterveld M, Pabst T, Poel MV, Sinnige H, Spertiini O, Terpstra W, Tick L, Velden WV, Vekemans MC, Vellenga E, Weerdt O, Westerweel P, Stussi G, Norden YV, Ossenkoppele G: **Inferior Outcome of Addition of the Aminopeptidase Inhibitor Tosedostat to Standard Intensive Treatment for Elderly Patients with AML and High Risk MDS.** *Cancers (Basel)* 2021, 13(4). IF 6.1

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)* 2021, 36(1):100671. IF 3.9

Linnik J, Syedbasha M, Kaltenbach HM, Vogt D, Hollenstein Y, Kaufmann L, Cantoni N, Ruosch-Girsberger S, Muller AMS, Schanz U, Muller 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 (HSCT) patients.** *J Infect Dis* 2021. IF 3.6

Mark M, Froesch P, Eboulet EI, Addeo A, Pless M, Rothschild SI, Janthur WD, Burmeister H, Friedlaender A, Schneider M, Metaxas Y, Joerger M, Wannesson L, Schwitter M, Baudoux N, Weindler S, Biaggi-Rudolf C, Fruh M, Swiss Group for Clinical Cancer R: **SAKK 19/17: safety analysis of first-line durvalumab in patients with PD-L1 positive, advanced nonsmall cell lung cancer and a performance status of 2.** *Cancer Immunol Immunother* 2021, 70(5):1255-1262. IF 6.2

Moccia AA, Aepli S, Gusewell S, Bargetzi M, Caspar C, Brulisauer D, Ebner M, Fehr M, Fischer N, Ghilardi G, Krasniqi F, Lang N, Mey U, Mingrone W, Novak U, Pfleger C, Richter P, Rutt M, Schmidt A, Stenner F, Voegeli M, Zander T, Zucca E, Hitz F: **Clinical characteristics and outcome of patients over 60 years with Hodgkin lymphoma treated in Switzerland.** *Hematological oncology* 2021, 39(2):196-204. IF 5.2

Muller S, Schwenk T, de Wild M, Dimitriou D, Rosso C: **Increased Construct Stiffness With Meniscal Repair Sutures and Devices Increases the Risk of Cheese-Wiring During Biomechanical Load-to-Failure Testing.** *Orthop J Sports Med* 2021, 9(6):23259671211015674. IF 2.5

Rogers SJ, Datta NR, Puric E, Timm O, Marder D, Khan S, Mamot C, Knuchel J, Siebenhuner A, Pestalozzi B, Guckenberger M, Bodis S, Riesterer O: **The addition of deep hyperthermia to gemcitabine-based chemoradiation may achieve enhanced survival in unresectable locally advanced adenocarcinoma of the pancreas.** *Clin Transl Radiat Oncol* 2021, 27:109-113. IF 4.9

Rothschild SI, Zippelius A, Eboulet EI, Savic Prince S, Betticher D, Bettini A, Fruh M, Joerger M, Lardinois D, Gelpke H, Mauti LA, Britschgi C, Weder W, Peters S, Mark M, Cathomas R, Ochsenebein AF, Janthur WD, Waibel C, Mach N, Froesch P, Buess M, Bohanes P, Godar G, Rusterholz C, Gonzalez M, Pless M, Swiss Group for Clinical Cancer R: **SAKK 16/14: Durvalumab in Addition to Neoadjuvant Chemotherapy in Patients With Stage IIIA(N2) Non-Small-Cell Lung Cancer-A Multicenter Single-Arm Phase II Trial.** *J Clin Oncol* 2021, 39(26):2872-2880. IF 44.5

Bereich Medizin

Seydoux C, Medinger M, Gerull S, Halter J, Heim D, Chalandon Y, Levrat SM, Schanz U, Nair G, Ansari M, Simon P, Passweg JR, Cantoni N: **Busulfan-cyclophosphamide versus cyclophosphamide-busulfan as conditioning regimen before allogeneic hematopoietic cell transplantation: a prospective randomized trial.** *Ann Hematol* 2021, 100(1):209-216. IF 3.5

Siebenhuner AR, De Dosso S, Helbling D, Astaras C, Szturz P, Moosmann P, Pederiva S, Winder T, Von Burg P, Borner M: Advanced Gastric Cancer: **Current Treatment Landscape and a Future Outlook for Sequential and Personalized Guide: Swiss Expert Statement Article.** *Oncol Res Treat* 2021, 44(9):485-494. IF 9.4

Infektiologie und Spitalhygiene

Achtnichts L, Jakopp B, Oberle M, Nedeltchev K, Fux CA, Sellner J, Findling O: **Humoral Immune Response after the Third SARS-CoV-2 mRNA Vaccination in CD20 Depleted People with Multiple Sclerosis.** *Vaccines (Basel)* 2021, 9(12). IF 3.6

Adam KM, Osthoff M, Lamoth F, Conen A, Erard V, Boggian K, Schreiber PW, Zimmerli S, Bochud PY, Neofytos D, Fleury M, Fankhauser H, Goldenberger D, Muhlethaler K, Riat A, Zbinden R, Kronenberg A, Quiblier C, Marchetti O, Khanna N, Fungal Infection Network of S: **Trends of the Epidemiology of Candidemia in Switzerland: A 15-Year FUNGINOS Survey.** *Open Forum Infect Dis* 2021, 8(10):ofab471. IF 2.9

Becker C, Beck K, Zumbrunn S, Memma V, Herzog N, Bissmann B, Gross S, Loretz N, Mueller J, Amacher SA, Bohren C, Schaefer R, Bassetti S, Fux C, Mueller B, Schuetz P, Hunziker S: **Long COVID 1 year after hospitalisation for COVID-19: a prospective bicentric cohort study.** *Swiss Med Wkly* 2021, 151:w30091. IF 2.2

Becker C, Gamp M, Schuetz P, Beck K, Vincent A, Hochstrasser S, Metzger K, Widmer M, Thommen E, Mueller B, Fux CA, Leuppi JD, Schaefer R, Langewitz W, Trendelenburg M, Breidhardt T, Eckstein J, Osthoff M, Bassetti S, Hunziker S, Group B-OS: **Effect of Bedside Compared With Outside the Room Patient Case Presentation on Patients' Knowledge About Their Medical Care : A Randomized, Controlled, Multicenter Trial.** *Ann Intern Med* 2021, 174(9):1282-1292. IF 25.3

Braun DL, Hampel B, Ledergerber B, Grube C, Nguyen H, Kunzler-Heule P, Shah C, Salazar-Vizcaya L, Conen A, Flepp M, Stockle M, Beguelin C, Schmid P, Rougemont M, Delaloye J, Bernasconi E, Nicca D, Boni J, Rauch A, Kouyos RD, Gunthard HF, Fehr JS: **A Treatment-as-Prevention Trial to Eliminate Hepatitis C Among Men Who Have Sex With Men Living With Human Immunodeficiency Virus (HIV) in the Swiss HIV Cohort Study.** *Clin Infect Dis* 2021, 73(7):e2194-e2202. IF 9.0

Bregenzer A, Ottiger C, Krismar C, Sager K, Fux CA: **HCV RNA quantification in capillary dried blood spots with the Xpert(R) HCV Viral Load test for diagnosing chronic HCV infection, monitoring treatment and detecting reinfection.** *Swiss Med Wkly* 2021, 151:w30089. IF 2.2

Conen A, Stortecky S, Moreillon P, Hannan MM, Franzek FC, Jeger R, Widmer AF: **A review of recommendations for infective endocarditis prevention in patients undergoing transcatheter aortic valve implantation.** *EuroIntervention* 2021, 16(14):1135-1140. IF 6.5

Darling KEA, Locatelli I, Benghalem N, Nadin I, Calmy A, Gutbrod K, Hauser C, Brugger P, Hasse B, Kovari H, Kunze U, Stoeckle M, Fux C, Rossi S, Di Benedetto C, Früh S, Schmid P, Tarr PE, Daepen JB, Du Pasquier R, Cavassini M, Namaco Study Group SHIVCS: **Alcohol consumption and neurocognitive deficits in people with well-treated HIV in Switzerland.** *PLoS One* 2021, 16(3):e0246579. IF 3.2

Gregoriano C, Damm D, Kutz A, Koch D, Wolfisberg S, Haubitz S, Conen A, Bernasconi L, Hammerer-Lercher A, Fux CA, Mueller B, Schuetz P: **Association of endothelial activation assessed through endothelin-I precursor peptide measurement with mortality in COVID-19 patients: an observational analysis.** *Respir Res* 2021, 22(1):148. IF 5.6

Gregoriano C, Koch D, Kutz A, Haubitz S, Conen A, Bernasconi L, Hammerer-Lercher A, Saeed K, Mueller B, Schuetz P: **The vasoactive peptide MR-pro-adrenomedullin in COVID-19 patients: an observational study.** *Clin Chem Lab Med* 2021, 59(5):995-1004. IF 3.6

Gregoriano C, Molitor A, Haag E, Kutz A, Koch D, Haubitz S, Conen A, Bernasconi L, Hammerer-Lercher A, Fux CA, Mueller B, Schuetz P: **Activation of Vasopressin System During COVID-19 is Associated With Adverse Clinical Outcomes: An Observational Study.** *J Endocr Soc* 2021, 5(6):bvab045. IF 4.2

Hatz CR, Cremona M, Liu CC, Schmidlin PR, Conen A: **Antibiotic prophylaxis with amoxicillin to prevent infective endocarditis in periodontitis patients reconsidered: a narrative review.** *Swiss Med Wkly* 2021, 151:w30078. IF 2.2

Bereich Medizin

Haubitz S, Fux CA: Reply to comment on: **Haubitz et al. Outcome of Clostridioides difficile infections treated in a Swiss tertiary care hospital: an observational study.** *Swiss Med Wkly* 2021, 151:w20311. IF 2.2

Hovaguimian F, Gunthard HF, Hauser C, Conen A, Bernasconi E, Calmy A, Cavassini M, Seneghini M, Marzel A, Heinrich H, Scherrer A, Riou J, Spoerri A, Schmidlin K, Balakrishna S, Braun DL, Rampini SK, Fehr JS, Kouyos RD, Swiss HIVCS: **Data linkage to evaluate the long-term risk of HIV infection in individuals seeking post-exposure prophylaxis.** *Nat Commun* 2021, 12(1):1219. IF 14.9

Kutz A, Conen A, Gregoriano C, Haubitz S, Koch D, Domenig O, Bernasconi L, Mueller B, Schuetz P: **Renin-angiotensin-aldosterone system peptide profiles in patients with COVID-19.** *Eur J Endocrinol* 2021, 184(4):543-552. IF 6.6

Papazoglou A, Conen A, Haubitz S, Tschopp M, Guignard VJ, Menke MN, Enz TJ: **Ophthalmic Screening in Patients with Coronavirus Disease 2019: A Prospective Cohort Study.** *J Clin Med* 2021, 10(5). IF 5.5

Roth JA, Radevski G, Marzolini C, Rauch A, Gunthard HF, Kouyos RD, Fux CA, Scherrer AU, Calmy A, Cavassini M, Kahlert CR, Bernasconi E, Bogojeska J, Battegay M, Swiss HIVCS: **Cohort-Derived Machine Learning Models for Individual Prediction of Chronic Kidney Disease in People Living With Human Immunodeficiency Virus: A Prospective Multicenter Cohort Study.** *J Infect Dis* 2021, 224(7):1198-1208. IF 3.6

Ryom L, Lundgren JD, Reiss P, Ross M, Kirk O, Fux CA, Morlat P, Fontas E, Smith C, De Wit S, d'Arminio Monforte A, El Sadr W, Hatleberg C, Phillips A, Sabin C, Law M, Mocroft A: **The Impact of Immunosuppression on Chronic Kidney Disease in People Living With Human Immunodeficiency Virus: The D:A:D Study.** *J Infect Dis* 2021, 223(4):632-637. IF 3.6

Speidel V, Conen A, Gisler V, Fux CA, Haubitz S: **Lung Assessment with Point-of-Care Ultrasound in Respiratory Coronavirus Disease (COVID-19): A Prospective Cohort Study.** *Ultrasound Med Biol* 2021, 47(4):896-901. IF 2.9

Wolfisberg S, Gregoriano C, Struja T, Kutz A, Koch D, Bernasconi L, Hammerer-Lercher A, Mohr C, Haubitz S, Conen A, Fux C, Mueller B, Schuetz P: **Comparison of characteristics, predictors and outcomes between the first and second COVID-19 waves in a tertiary care centre in Switzerland: an observational analysis.** *Swiss Med Wkly* 2021, 151:w20569. IF 2.2

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, HA2T2, ANDC: validation of four severity scores in COVID-19 patients.** *Infection* 2021. IF 3.5

Kardiologie (Herzzentrum Aargau)

Chen M, Stahli BE, Michel JM, Brinkert M, Tanner FC, Kasel AM: **Case Report: Sapien 3 Transcatheter Heart Valve Embolization: Cause, Management, and Redo.** *Front Cardiovasc Med* 2021, 8:774047. IF 4.7

Iglesias JF, Heg D, Roffi M, Degrauw 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* 2021. IF 1.1

Kovacs B, Burri H, Buehler A, Reek S, Sticherling C, Schaer B, Linka A, Ammann P, Muller AS, Dzemali O, Kobza R, Schindler M, Haegeli L, Mayer K, Eriksson U, Herrera-Siklody C, Reichlin T, Steffel J, Saguner AM, Duru F: **High Incidence of Inappropriate Alarms in Patients with Wearable Cardioverter-Defibrillators: Findings from the Swiss WCD Registry.** *J Clin Med* 2021, 10(17). IF 1.0

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 AA, Szumowski L, Themistokakis S, van Gelder IC, Vardas P, Wegscheider K, Willem 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* 2021. IF 5.2

Pilgrim T, Muller O, Heg D, Roffi M, Kurz DJ, Moarof I, Weilenmann D, Kaiser C, Tapponnier M, Losdat S, Eeckhout E, Valgimigli M, Juni P, Windecker S, Iglesias JF: **Biodegradable- Versus Durable-Polymer Drug-Eluting Stents for STEMI: Final 2-Year Outcomes of the BIOSTEMI Trial.** *JACC Cardiovasc Interv* 2021, 14(6):639-648. IF 9.0

Bereich Medizin

Reichlin T, Baldinger SH, Pruvot E, Bisch L, Ammann P, Altmann D, Berte B, Kobza R, Haegeli L, Schlatzer C, Mueller A, Namdar M, Shah D, Burri H, Conte G, Auricchio A, Knecht S, Osswald S, Asatryan B, Seiler J, Roten L, Kuhne M, Sticherling C: **Impact of contact force sensing technology on outcome of catheter ablation of idiopathic pre-mature ventricular contractions originating from the outflow tracts.** *Europace* 2021, 23(4):603-609. IF 5.2

Rillig A, Magnussen C, Ozga AK, Suling A, Brandes A, Breithardt G, Camm AJ, Crijns H, Eckardt L, Elvan A, Goette A, Gulizia M, Haegeli L, Heidbuchel H, Kuck KH, Ng A, Szumowski L, van Gelder I, Wegscheider K, Kirchhof P: **Early Rhythm Control Therapy in Patients With Atrial Fibrillation and Heart Failure.** *Circulation* 2021, 144(11):845-858. IF 10.8

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-AF-NET 4 trial.** *Eur Heart J* 2021. IF 5.5

Nephrologie, Dialyse und Transplantation

Bargetzi A, Emmenegger N, Wildisen S, Nickler M, Bargetzi L, Hersberger L, Segerer S, Kaegi-Braun N, 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 kidney function is a strong predictor for the response to nutritional support in patients at nutritional risk.** *Clin Nutr* 2021, 40(5):2762-2771. IF 7.3

Brotzer L, Nickler M, Kim MJ, Mueller B, Blum CA: **Adrenal function testing in dialysis patients - a review of the literature.** *BMC Nephrol* 2021, 22(1):360. IF 2.3

Buchkremer F, Bock A, Segerer S: **The non-steady state CKD-EPI calculator.** *Clin Kidney J* 2021, 14(7):1853-1856. IF 2.7

Buchkremer F, Segerer S: **A Simple Method to Remove Timing Bias From the Kidney Disease: Improving Global Outcomes Definition and Classification of Acute Kidney Injury.** *Kidney Int Rep* 2021, 6(6):1747-1748. IF 4.1

Buchkremer F, Segerer S: **Body Surface Area, Creatinine Excretion Rate, and Total Body Water: Reference Data for Adults in the United States.** *Kidney Med* 2021, 3(2):312-313. IF 0.4

Buchkremer F, Segerer S: **Estimating glomerular filtration rate: a systematic comparison of the new European Kidney Function Consortium equation with the Chronic Kidney Disease Epidemiology Collaboration equation.** *Clin Kidney J* 2021, 14(1):448-450. IF 2.7

Klager J, Eskandary F, Bohmig GA, Kozakowski N, Kainz A, Colin Aronovitz Y, Cartron JP, Segerer S, Regele H: **Renal allograft DARCness in subclinical acute and chronic active ABMR.** *Transpl Int* 2021, 34(8):1494-1505. IF 3.7

von Moos S, Segerer S, Davenport A, Sadoune M, Gerritsen K, Pottecher J, Ruschitzka F, Mebazaa A, Arrigo M, Cippa PE: **Vascular endothelial growth factor D is a biomarker of fluid overload in haemodialysis patients.** *Nephrol Dial Transplant* 2021, 36(3):529-536. IF 5.9

Klinik für Neurologie

Achtnichts L, Jakopp B, Oberle M, Nedeltchev K, Fux CA, Sellner J, Findling O: **Humoral Immune Response after the Third SARS-CoV-2 mRNA Vaccination in CD20 Depleted People with Multiple Sclerosis.** *Vaccines (Basel)* 2021, 9(12). IF 3.6

Arnold M, Schweizer J, Nakas CT, Schutz V, Westphal LP, Inauen C, Pokorny T, Luft A, Leichtle A, Arnold M, Bicvic A, Fischer U, De Marchis GM, Bonati LH, Muller MD, Kahles T, Nedeltchev K, Cereda CW, Kagi G, Bustamante A, Montaner J, Ntaios G, Foerch C, Spanaus K, von Eckardstein A, Katan M: **Lipoprotein(a) is associated with large artery atherosclerosis stroke aetiology and stroke recurrence among patients below the age of 60 years: results from the BIOSIGNAL study.** *Eur Heart J* 2021, 42(22):2186-2196. IF 29.9

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, Gensicke H, Lyrer P, Nedeltchev K, Kahles 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* 2021. IF 6.0

Engelter ST, Traenka C, Gensicke H, Schaederlin SA, Luft AR, Simonetti BG, Fischer U, Michel P, Sirimarcos G, Kagi G, Vehoff J, Nedeltchev K, Kahles T, Kellert L, Rosenbaum S, von Rennenberg R, Sztajzel R, Leib SL, Jung S, Gralla J, Bruni N, Seiffge D, Feil K, Polymeris AA, Steiner L, Hamann J, Bonati LH, Brehm A, De Marchis GM, Peters N, Stippich C, Nolte CH, Christensen H, Wegener S, Psychogios MN, Arnold M, Lyrer P, Investigators T-C: **Aspirin versus anticoagulation in cervical artery dissection (TREAT-CAD): an open-label, randomised, non-inferiority trial.** *Lancet Neurol* 2021, 20(5):341-350. IF 44.1

Findling O, Sellner J: **Second-generation immunotherapeutics in multiple sclerosis: can we discard their precursors?** *Drug Discov Today* 2021, 26(2):416-428. IF 7.8

Gruter BE, Kahles T, Anon J, Berberat J, Anderegg L, Killer HE, Gruber P: **Carotid-cavernous sinus fistula following mechanical thrombectomy in acute ischaemic stroke: a rare complication.** *Neuroradiology* 2021, 63(7):1149-1152. IF 3.4

Kahles T, Poon C, Qian L, Palfini V, Srinivasan SP, Swaminathan S, Blanco I, Rodney-Sandy R, Iadecola C, Zhou P, Hochrainer K: **Elevated post-ischemic ubiquitination results from suppression of deubiquitinase activity and not proteasome inhibition.** *Cell Mol Life Sci* 2021, 78(5):2169-2183. IF 8.4

Meinel TR, Branca M, De Marchis GM, Nedeltchev K, Kahles T, Bonati L, Arnold M, Heldner MR, Jung S, Carrera E, Dirren E, Michel P, Strambo D, Cereda CW, Bianco G, Kagi G, Vehoff J, Katan M, Bolognese M, Backhaus R, Salmen S, Albert S, Medlin F, Berger C, Schelosky L, Renaud S, Niederhauser J, Bonvin C, Schaefer M, Mono ML, Rodic B, Tarnutzer AA, Mordasini P, Gralla J, Kaesmacher J, Engelter S, Fischer U, Seiffge DJ, Investigators of the Swiss Stroke R: **Prior Anticoagulation in Patients with Ischemic Stroke and Atrial Fibrillation.** *Ann Neurol* 2021, 89(1):42-53. IF 10.4

Oechtering J, Schaederlin S, Benkert P, Muller S, Achtnichts L, Vehoff J, Disanto G, Findling O, Fischer-Barnicol B, Orleth A, Chan A, Pot C, Barakovic M, Rahmazadeh R, Galbusera R, Heijnen I, Lalive PH, Wuerfel J, Subramaniam S, Aeschbacher S, Conen D, Naegelin Y, Maceski A, Meier S, Berger K, Wiendl H, Lincke T, Lieb J, Yaldizli O, Sinnecker T, Derfuss T, Regeniter A, Zecca C, Gobbi C, Kappos L, Granziera C, Leppert D, Kuhle J, Swiss Multiple Sclerosis Cohort S: **Intrathecal Immunoglobulin M Synthesis is an Independent Biomarker for Higher Disease Activity and Severity in Multiple Sclerosis.** *Ann Neurol* 2021, 90(3):477-489. IF 10.4

Remonda L, Diepers M, Berberat J, Kahles T, Anon J, Nedeltchev K, Gruber P: **Drug-Coated Balloon Treatment in Symptomatic Intracranial High Grade Stenosis : A Retrospective Study of 33 Patients.** *Clin Neuroradiol* 2021, 31(1):45-49. IF 6.0

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, Engelter 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* 2021. IF 6.0

Wirsching HG, Roelcke U, Weller J, Hundsberger T, Hottinger AF, von Moos R, Caparrotti F, Conen K, Remonda L, Roth P, Ochsenbein A, Tabatabai G, Weller M: **MRI and (18)FET-PET Predict Survival Benefit from Bevacizumab Plus Radiotherapy in Patients with Isocitrate Dehydrogenase Wild-type Glioblastoma: Results from the Randomized ARTE Trial.** *Clin Cancer Res* 2021, 27(1):179-188. IF 12.5

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* 2021;1-14. IF 2.6

Bereich Medizin**Klinik für Rheumatologie**

Berben L, Sigg N, Daly ML, Bachmann S, Baer W, Berthet G, Bolt I, Dan D, Enderlin Steiger S, Frohlich J, Hasler P, Hofer M, Huemer C, Kaiser D, Marcoli N, Palmer Sarott S, Rottlander Y, Schmid G, Soennichsen C, Strahm Furler L, Vanoni F, Wildi L, Daikeler T, Woerner A: **Current practice of transitional care for adolescents and young adults in Swiss paediatric and adult rheumatology centres.** *Swiss Med Wkly* 2021, 151:w30046. IF 2.2

Giaglis S, Sur Chowdhury C, van Breda SV, Stoikou M, Tiaden AN, Daoudlarian D, Schaefer G, Buser A, Walker UA, Lapaire O, Hoesli I, Hasler P, Hahn S: **Circulatory Neutrophils Exhibit Enhanced Neutrophil Extracellular Trap Formation in Early Puerperium: NETs at the Nexus of Thrombosis and Immunity.** *Int J Mol Sci* 2021, 22(24). IF 5.5

Hernandez J, Jordan S, Dobrota R, Iudici M, Hasler P, Ribi C, Villiger P, Vlachoyiannopoulos P, Vacca A, Garzanova L, Giollo A, Rosato E, Kotter I, Carreira PE, Doria A, Henes J, Muller-Ladner U, Smith V, Distler J, Gabrielli A, Hoffman-Vold AM, Walker U, Distler O, The Eustar C: **The burden of systemic sclerosis in Switzerland - the Swiss systemic sclerosis EUSTAR cohort.** *Swiss Med Wkly* 2021, 151:w20528. IF 2.2

Kalweit M, Walker UA, Finckh A, Muller R, Kalweit G, Scherer A, Boedecker J, Hugle T: **Personalized prediction of disease activity in patients with rheumatoid arthritis using an adaptive deep neural network.** *PLoS One* 2021, 16(6):e0252289. IF 3.2

Schonberger KA, Schupfer AC, Gloy VL, Hasler P, Stanga Z, Kaegi-Braun N, Reber E: **Effect of Anti-Inflammatory Diets on Pain in Rheumatoid Arthritis: A Systematic Review and Meta-Analysis.** *Nutrients* 2021, 13(12). IF 5.7

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 worsening of patient-related outcomes.** *Clin Exp Rheumatol* 2021. IF 2.7

Bereich Chirurgie**Augenklinik**

Conedera FM, Pousa AMQ, Mercader N, Tschopp M, Enzmann V: **The TGFbeta/Notch axis facilitates Muller cell-to-epithelial transition to ultimately form a chronic glial scar.** *Mol Neurodegener* 2021, 16(1):69. IF 14.1

Conedera FM, Quintela Pousa AM, Presby DM, Mercader N, Enzmann V, Tschopp M: **Diverse Signaling by TGFbeta Isoforms in Response to Focal Injury is Associated with Either Retinal Regeneration or Reactive Gliosis.** *Cell Mol Neurobiol* 2021, 41(1):43-62. IF 5.0

Enz TJ, Papazoglou A, Tappeiner C, Menke MN, Benitez BK, Tschopp M: **Minimally invasive measurement of orbital compartment pressure and implications for orbital compartment syndrome: a pilot study.** *Graefes Arch Clin Exp Ophthalmol* 2021, 259(11):3413-3419. IF 3.1

Papazoglou A, Conen A, Haubitz S, Tschopp M, Guignard VJ, Menke MN, Enz TJ: **Ophthalmic Screening in Patients with Coronavirus Disease 2019: A Prospective Cohort Study.** *J Clin Med* 2021, 10(5). IF 1.0

Universitäres Zentrum für Gefäßchirurgie Aarau/Basel

Ciftci U, Marti R, Fahrni J, Gahwiler R, Thalhammer C, Gurke L, Isaak A: **External stenting and disease progression in vein grafts 1 year after open surgical repair of popliteal artery aneurysm.** *J Vasc Surg* 2021, 74(2):521-527. IF 4.2

Gahwiler R, Hirschmuller A, Grumann T, Isaak A, Thalhammer C: **Exercise induced leg pain due to endofibrosis of external iliac artery.** *Vasa* 2021, 50(2):92-100. IF 1.9

Halliday A, Bulbulia R, Bonati LH, Chester J, Cradduck-Bamford A, Peto R, Pan H: **Second asymptomatic carotid surgery trial (ACST-2): a randomised comparison of carotid artery stenting versus carotid endarterectomy.** *Lancet* 2021, 398(10305):1065-1073. IF 79.3

Kingsmore D, Stevenson K, Jackson A, Richarz S, Isaak A, White B, Thomson P: **Application and implications of a standardised reporting system for arteriovenous access graft infection.** *J Vasc Access* 2021;1129729820987382. IF 2.3

Bereich Chirurgie

Kingsmore DB, Stevenson KS, Richarz S, Isaak A, Jackson A, Kasthuri R, Thomson PC: **Patient characteristics predict patency of early-cannulation arteriovenous grafts.** *Scientific reports* 2021, 11(1):10743. IF 4.4

Kingsmore DB, Stevenson KS, Thomson PC, Kasthuri R, Knight S, Jackson A, Hussey K, Richarz S, Isaak A: **Pre-emptive or reactive treatment, angioplasty or stent-graft? The outcome for interventions for venous stenosis in early-cannulation arteriovenous grafts.** *J Vasc Access* 2021;11297298211029413. IF 2.3

Richarz S, Aghlmandi S, Zdoroveac A, Müller A, Isaak A, Gürke L, Wolff T: **Open aneurysm repair in patients with concomitant abdominal aortic aneurysm and aorto-iliac occlusive disease is associated with a high mortality and surgical complication rate.** *Swiss Med Wkly* 2021, 151:w30050. IF 2.2

Klinik für Plastische Chirurgie und Handchirurgie

Bianchi S, Mauler F: **Ultrasound Appearance of In Vitro Nerve Allografts and Conduits for Peripheral Nerve Reconstruction.** *J Ultrasound Med* 2021. IF 2.1

Fuchs B, Studer G, Bode B, Wellauer H, Frei A, Theus C, Schupfer G, Plock J, Windegger H, Breitenstein S, SwissSarcomaNetwork: **Development of a value-based healthcare delivery model for sarcoma patients.** *Swiss Med Wkly* 2021, 151:w30047. IF 2.2

Niggemann P, Rittirsch D, Buehler PK, Schweizer R, Giovanoli P, Reding T, Graf R, Plock JA, Klein HJ: **Incidence and Time Point of Sepsis Detection as Related to Different Sepsis Definitions in Severely Burned Patients and Their Accompanying Time Course of Pro-Inflammatory Biomarkers.** *J Pers Med* 2021, 11(8). IF 4.4

Sahli SD, Pedrazzi N, Braun J, Spahn DR, Kaserer A, Plock JA: **Effect of a factor-based coagulation management on blood product use after major burn injury: A retrospective cohort study.** *Burns* 2021, 47(7):1486-1494. IF 2.7

Steiner SA, Schweizer R, Klein H, Waldner M, Giovanoli P, Plock JA: **Abdominal, perineal, and genital soft tissue reconstruction with pedicled anterolateral thigh perforator flaps.** *European Journal of Plastic Surgery* 2021, 44(5):669-677. IF 0.5

Klinik für HNO-Krankheiten, Hals- und Gesichtschirurgie

Brandt HH, Metternich FU, Furer R: **Chronic otorrhoea, otalgia and hearing loss not responding to antibiotics and tympanoplasty surgery.** *BMJ Case Rep* 2021, 14(4). IF 0.4

Dimitrakopoulou A, Metternich F, Muller M: **[Inframastoidal mass with an intramastoidal fistula tract : A rarity].** *HNO* 2021, 69(1):62-64. IF 1.2

Engert T, Metternich FU: **Rare case of ballooning herniation of the tympanic membrane.** *BMJ Case Rep* 2021, 14(5). IF 0.4

Epperson MV, Phillips KM, Speth MM, Caradonna DS, Gray ST, Sedaghat AR: **Emotional and Personality Traits are Determinants of Activity Avoidance in Chronic Rhinosinusitis Patients.** *Laryngoscope* 2021, 131(4):707-712. IF 2.6

Gengler I, Kavoosi TA, McCann AC, Trope M, Lindsey BA, Speth MM, Sessler AM, Seiden AM, Phillips KM, Sedaghat AR: **Patient perspectives on recall period and response options in patient-reported outcome measures for chronic rhinosinusitis symptomatology: A pilot study.** *Clin Otolaryngol* 2021, 46(5):1021-1027. IF 2.5

Gleadhill C, Speth MM, Gengler I, Phillips KM, Hoehle LP, Caradonna DS, Gray ST, Sedaghat AR: **Chronic rhinosinusitis disease burden is associated with asthma-related emergency department usage.** *Eur Arch Otorhinolaryngol* 2021, 278(1):93-99. IF 2.3

Hopkins C, Surda P, Walker A, Wolf A, Speth MM, Jacques T, Hox V, Van Gerven L, Santamaria-Gadea A, Segboer C, Lourijssen E, Turri-Zanoni M, Huart C, Rennie C, Green R, The Samter's Society TSS, Kelly CE, Knill A, Lund VJ, Fokkens WJ: **EPOS 4 Patients.** *Rhinology* 2021. IF 3.1

Karal A, Capraro J, Metternich F, Muller M: **[Suspected rare manifestation of a thyroglossal and lateral cervical cyst-a diagnostic and therapeutic approach].** *HNO* 2021, 69(1):58-61. IF 1.2

Liu DT, Besser G, Prem B, Sharma G, Speth MM, Sedaghat AR, Mueller CA: **Self-perceived Taste and Flavor Perception: Associations With Quality of Life in Patients With Olfactory Loss.** *Otolaryngol Head Neck Surg* 2021, 164(6):1330-1336. IF 2.6

Bereich Chirurgie

Liu DT, Besser G, Prem B, Speth MM, Sedaghat AR, Mueller C: **Individual importance of olfaction decreases with duration of smell loss.** *Rhinology* 2021, 59(1):32-39. IF 3.1

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* 2021. IF 3.1

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* 2021;1945998211018383. IF 2.6

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* 2021;1945998211022636. IF 2.6

McCann AC, Trope M, Walker VL, Kavoosi TA, Speth MM, Gengler I, Phillips KM, Sedaghat AR: **Olfactory Dysfunction is not a Determinant Of Patient-Reported Chronic Rhinosinusitis Disease Control.** *Laryngoscope* 2021, 131(7):E2116-E2120. IF 2.6

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* 2021. IF 2.3

Singer-Cornelius T, Cornelius J, Oberle M, Metternich FU, Brockmeier SJ: **Objective gustatory and olfactory dysfunction in COVID-19 patients: a prospective cross-sectional study.** *Eur Arch Otorhinolaryngol* 2021, 278(9):3325-3332. IF 2.3

Singer-Cornelius T, Schultze L, Berkmann S, Furer R, Metternich F: **[Preauricular lesion with intracranial expansion - a rare diagnosis].** *Laryngorhinootologie* 2021, 100(9):731-733. IF 0.9

Speth MM, Ahmad N, Speth US, Sedaghat AR, Magagna-Poveda A: **[Kanalikulares Adenom im Epipharynx - ein Fallbericht].** *Laryngorhinootologie* 2021. IF 0.9

Klinik für Mund-, Kiefer- und Gesichtschirurgie

Beiglböck 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* 2021. IF 3.5

Cornelius CP, Stiebler T, Mayer P, Smolka W, Kunz C, Hammer B, Jaquière CC, Buitrago-Tellez C, Leiggner CS, Metzger MC, Wilde F, Audige L, Probst M, Strong EB, Castelletti N, Prein J, Probst FA: **Prediction of surface area size in orbital floor and medial orbital wall fractures based on topographical subregions.** *J Craniomaxillofac Surg* 2021, 49(7):598-612. IF 2.0

Singer-Cornelius T, Schultze L, Berkmann S, Furer R, Metternich F: **[Preauricular lesion with intracranial expansion - a rare diagnosis].** *Laryngorhinootologie* 2021, 100(9):731-733. IF 0.9

Zumbrunn Wojczynska A, Steiger B, Leiggner CS, Ettlin DA, Gallo LM: **Quality of life, chronic pain, insomnia, and jaw malfunction in patients after alloplastic temporomandibular joint replacement: a questionnaire-based pilot study.** *Int J Oral Maxillofac Surg* 2021, 50(7):948-955. IF 2.7

Klinik für Neurochirurgie und Hirntumorzentrum

Andereggen L, Frey J, Andres RH, Luedi MM, Gralla J, Schubert GA, Beck J, Mariani L, Christ E: **Impact of primary medical or surgical therapy on prolactinoma patients' BMI and metabolic profile over the long-term.** *J Clin Transl Endocrinol* 2021, 24:100258. IF 2.2

Andereggen L, Beck J, Gralla J, Luedi MM, Christ E: **Letter to the Editor From Lukas Andereggen: „Pitfalls in Performing and Interpreting Inferior Petrosal Sinus Sampling: Personal Experience and Literature Review“.** *J Clin Endocrinol Metab* 2021, 106(8):e3283-e3284. IF 5.3

Andereggen L, Christ E: **Commentary: "Prolactinomas: Prognostic Factors of Early Remission After Transsphenoidal Surgery".** *Front Endocrinol (Lausanne)* 2021, 12:695498. IF 3.6

Andereggen L, Frey J, Andres RH, Luedi MM, El-Koussy M, Widmer HR, Beck J, Mariani L, Seiler RW, Christ E: **First-line surgery in prolactinomas: lessons from a long-term follow-up study in a tertiary referral center.** *J Endocrinol Invest* 2021, 44(12):2621-2633. IF 3.3

Bereich Chirurgie

Andereggen L, Frey J, Andres RH, Luedi MM, Gralla J, Schubert GA, Beck J, Mariani L, Christ E: **Impact of primary medical or surgical therapy on prolactinoma patients' BMI and metabolic profile over the long-term.** *J Clin Transl Endocrinol* 2021, 24:100258. IF 2.2

Andereggen L, Frey J, Andres RH, Luedi MM, Widmer HR, Beck J, Mariani L, Christ E: **Persistent bone impairment despite long-term control of hyperprolactinemia and hypogonadism in men and women with prolactinomas.** *Sci Rep* 2021, 11(1):5122. IF 4.3

Andereggen L, Frey J, Christ E: **Long-term IGF-1 monitoring in prolactinoma patients treated with cabergoline might not be indicated.** *Endocrine* 2021, 72(1):216-222. IF 3.6

Andereggen L, Luedi MM: **Dural leakage due to ipsilateral needle placement for spinal level localization in unilateral decompression surgery: A case report.** *Surg Neurol Int* 2021, 12:205. IF 1.1

Andereggen L, Marbacher S, Dolp A, Gruber P, Remonda L, Meuli-Simmen C, Eyer D: **Extensive Convexity Flattening of a Synthetic Skull Implant the Overcome Major Scalp Deficiency After Multiple Craniotomies.** *J Craniofac Surg* 2021, 32(7):2532-2535. IF 1.0

Andereggen L, Mariani L, Beck J, Andres RH, Gralla J, Luedi MM, Weis J, Christ E: **Lateral one-third gland resection in Cushing patients with failed adenoma identification leads to low remission rates: long-term observations from a small, single-center cohort.** *Acta Neurochir (Wien)* 2021, 163(11):3161-3169. IF 1.7

Andereggen L, Steiger HJ, Diepers M, Marbacher S: **Comment on "superficial siderosis of the central nervous system associated with ventral dural defects: bleeding from the epidural venous plexus".** *J Neurol* 2021, 268(10):3913-3915. IF 4.8

Andereggen L, Zinn PO, Luedi MM: **Anesthesia-Related Oncological Outcomes: Beyond Volatiles and Total Intravenous Anesthesia.** *Anesth Analg* 2021, 132(6):e119-e120. IF 4.3

Andereggen L, Anon J: **Short-Term Resolution of Herniated Disk Mimicking Tumor.** *World Neurosurg* 2021, 152:29-30. IF 2.1

Berkmann S, Brun J, Schuetz P, Christ E, Mariani L, Mueller B: **Prevalence and outcome of comorbidities associated with acromegaly.** *Acta Neurochir (Wien)* 2021, 163(11):3171-3180. IF 0.8

Berkmann S, Lattmann J, Schuetz P, Diepers M, Remonda L, Fandino J, Buchfelder M, Mueller B: **The Shape grading system: a classification for growth patterns of pituitary adenomas.** *Acta Neurochir (Wien)* 2021, 163(11):3181-3189. IF 2.4

Berkmann S, Roethlisberger M, Mueller B, Christ-Crain M, Mariani L, Nitzsche E, Juengling F: **Selective resection of cushing microadenoma guided by preoperative hybrid 18-fluoroethyl-L-tyrosine and 11-C-methionine PET/MRI.** *Pituitary* 2021, 24(6):878-886. IF 3.4

Boillat G, Franssen T, Gruter B, Wanderer S, Catalano K, Casoni D, Andereggen L, Marbacher S: **Creation of Two Saccular Elastase-Digested Aneurysms with Different Hemodynamics in One Rabbit.** *J Vis Exp* 2021(170). IF 1.2

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* 2021. IF 2.7

Croci DM, Sivanrupan S, Wanderer S, Agnoletto GJ, Chiappini A, Gruter BE, Andereggen 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* 2021. IF 3.0

Croci DM, Wanderer S, Strange F, Gruter BE, Sivanrupan S, Andereggen L, Casoni D, von Gunten M, Widmer HR, Di Santo S, Fandino J, Mariani L, Marbacher S: **Tocilizumab Reduces Vasospasms, Neuronal Cell Death, and Microclot Formation in a Rabbit Model of Subarachnoid Hemorrhage.** *Transl Stroke Res* 2021, 12(5):894-904. IF 6.8

Eyer GC, Di Santo S, Hewer E, Andereggen L, Seiler S, Widmer HR: **Co-Expression of Nogo-A in Dopaminergic Neurons of the Human Substantia Nigra Pars Compacta Is Reduced in Parkinson's Disease.** *Cells* 2021, 10(12). IF 6.6

Bereich Chirurgie

Grassner L, Petr O, Warner FM, Dedeicušova M, Mathis AM, Pinggera D, Gsellmann S, Meiners LC, Freigang S, Mokry M, Resch A, Kretschmer T, Rossmann T, Navarro FR, Gruber A, Spendel M, Winkler PA, Marhold F, Sherif C, Wais JP, Rossler K, Pfisterer W, Muhlbauer M, Trivik-Barrientos FA, Rath S, Voldrich R, Krska L, Lipina R, Kerekanic M, Fiedler J, Kasik P, Priboan V, Tichy M, Krupa P, Cesák T, Kroupa R, Callo A, Haninec P, Pohlodek D, Krahulík D, Sejkorová A, Sames M, Dvorak J, Suchomel P, Tomas R, Klener J, Juran V, Smrcka M, Linzer P, Kaiser M, Hrabovsky D, Jancalek R, Kalin V, Bozinov O, Niggli C, Serra C, Guatta R, Kuhlen DE, Wanderer S, Marbacher S, Lave A, Schaller K, Esculier C, Raabe A, Kramer JLK, Thome C, Netuka D: **Trends and outcomes for non-elective neurosurgical procedures in Central Europe during the COVID-19 pandemic.** *Sci Rep* 2021, 11(1):6171. IF 4.1

Gruber P, Singh S, Anderegg L, Berberat J, Remonda L: **Drug-Coated Balloons for the Treatment of Symptomatic Intracranial High-Grade Stenosis: A Review of the Current Rationale.** *Front Neurol* 2021, 12:692208. IF 4.0

Gruter BE, Kahles T, Anon J, Berberat J, Anderegg L, Killer HE, Gruber P: **Carotid-cavernous sinus fistula following mechanical thrombectomy in acute ischaemic stroke: a rare complication.** *Neuroradiology* 2021, 63(7):1149-1152. IF 2.8

Gruter BE, Marbacher S: **The importance of wall degeneration in preclinical aneurysm models.** *J Neurointerv Surg* 2021, 13(3):200-201. IF 5.8

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* 2021;271678X211057498. IF 6.2

Gruter BE, Wanderer S, Strange F, Boillat G, Taschler D, Rey J, Croci DM, Grandgirard D, Leib SL, von Gunten M, Di Santo S, Widmer HR, Remonda L, Anderegg L, Nevezati E, Coluccia D, Fandino J, Marbacher S: **Patterns of Neointima Formation After Coil or Stent Treatment in a Rat Saccular Sidewall Aneurysm Model.** *Stroke* 2021, 52(3):1043-1052. IF 7.9

Hostettler IC, Jayashankar N, Bikis C, Wanderer S, Nevezati E, Karuppiah R, Waran V, Kalbermatten D, Mariani L, Marbacher S, Guzman R, Madduri S, Roethlisberger M: **Clinical Studies and Pre-clinical Animal Models on Facial Nerve Preservation, Reconstruction, and Regeneration Following Cerebellopontine Angle Tumor Surgery-A Systematic Review and Future Perspectives.** *Front Bioeng Biotechnol* 2021, 9:659413. IF 5.4

Kashefiolasl S, Wagner M, Brawanski N, Seifert V, Wanderer S, Anderegg L, Konczalla J: **Statins Improve Clinical Outcome After Non-aneurysmal Subarachnoid Hemorrhage: A Translational Insight From a Systematic Review of Experimental Studies.** *Front Neurol* 2021, 12:620096. IF 4.0

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* 2021. IF 1.2

Lee SY, Lomax N, Berkmann S, Vollmer K, Riesterer O, Bodis S, Rogers S: **Successful salvage of recurrent leptomeningeal disease in large cell neuroendocrine lung cancer with stereotactic radiotherapy.** *Strahlenther Onkol* 2021, 197(12):1143-1147. IF 3.6

Luedi MM, Schober P, Hammoud B, Anderegg L, Hoenemann C, Doll D: **Preoperative Pressure Pain Threshold Is Associated With Postoperative Pain in Short-Stay Anorectal Surgery: A Prospective Observational Study.** *Anesth Analg* 2021, 132(3):656-662. IF 4.3

Luedi MM, Schober P, Stauffer VK, Diekmann M, Anderegg L, Doll D: **Gender-specific prevalence of pilonidal sinus disease over time: A systematic review and meta-analysis.** *ANZ J Surg* 2021, 91(7-8):1582-1587. IF 1.8

Maldaner N, Zeitlberger AM, Sosnova M, Goldberg J, Fung C, Bervini D, May A, Bijlenga P, Schaller K, Roethlisberger M, Ry-chen J, Zumofen DW, D'Alonzo D, Marbacher S, Fandino J, Daniel RT, Burkhardt JK, Chiappini A, Robert T, Schatlo B, Schmid J, Maduri R, Staartjes VE, Seule MA, Weyerbrock A, Serra C, Stienen MN, Bozinov O, Regli L: **Development of a Complication-and Treatment-Aware Prediction Model for Favorable Functional Outcome in Aneurysmal Subarachnoid Hemorrhage Based on Machine Learning.** *Neurosurgery* 2021, 88(2):E150-E157. IF 4.6

Marbacher S, Halter M, Vogt DR, Kienzler JC, Magyar CTJ, Wanderer S, Anon J, Diepers M, Remonda L, Fandino J: **Value of 3-Dimensional Digital Subtraction Angiography for Detection and Classification of Intracranial Aneurysm Remnants After Clipping.** *Oper Neurosurg (Hagerstown)* 2021, 21(2):63-72. IF 2.7

Bereich Chirurgie

Marbacher S, Steiger HJ: Letter: Commentary: **Value of 3-Dimensional Digital Subtraction Angiography for Detection and Classification of Intracranial Aneurysm Remnants After Clipping.** *Oper Neurosurg (Hagerstown)* 2021, 21(4):E406. IF 2.7

Schatlo B, Fung C, Stienen MN, Fathi AR, Fandino J, Smoll NR, Zumofen D, Daniel RT, Burkhardt JK, Bervini D, Marbacher S, Reinert M, D DA, Ahlborn P, Mendes Pereira V, Roethlisberger M, Seule M, Kerkeni H, Remonda L, Weyerbrock A, Woernle K, Venier A, Perren F, Sailer M, Robert T, Rohde V, Schoni D, Goldberg J, Nevzati E, Diepers M, Gralla J, Z'Graggen W, Starnoni D, Woernle C, Maldaner N, Kulcsar Z, Mostaguir K, Maduri R, Eisenring C, Bernays R, Ferrari A, Dan-Ura H, Finkenstadt S, Gache Y, Sarrafzadeh A, Jakob SM, Corniola M, Baumann F, Regli L, Levivier M, Hildebrandt G, Landolt H, Mariani L, Guzman R, Beck J, Raabe A, Keller E, Bijlenga P, Schaller K: **Incidence and Outcome of Aneurysmal Subarachnoid Hemorrhage: The Swiss Study on Subarachnoid Hemorrhage (Swiss SOS).** *Stroke* 2021, 52(1):344-347. IF 7.9

Schlaepi JA, Anderegg L, Nowacki A, Pollo C: **Stereotactic posterior midline approach under direct microscopic view for biopsy of medulla oblongata tumors: technical considerations.** *Acta Neurochir (Wien)* 2021, 163(7):1965-1968. IF 1.8

Singer-Cornelius T, Schultze L, Berkmann S, Furer R, Metternich F: **[Preauricular lesion with intracranial expansion - a rare diagnosis].** *Laryngorhinootologie* 2021, 100(9):731-733. IF 0.9

Steiger, H J: **Recent progress understanding pathophysiology and genesis of brain AVM-a narrative review.** *Neurosurg Rev* 2021, 44(6): 3165-3175. IF 3.0

Veldeman M, Schubert GA, Clusmann H: Letter: **The Retroauricular Incision as an Effective and Safe Alternative Incision for Decompressive Hemicraniectomy.** *Oper Neurosurg (Hagerstown)* 2021, 21(6):E581. IF 4.6

Wanderer S, Anderegg L, Mrosek J, Kashefiolas S, Schubert GA, Marbacher S, Konczalla J: **Levosimendan as a therapeutic strategy to prevent neuroinflammation after aneurysmal subarachnoid hemorrhage?** *J Neurointerv Surg* 2021. IF 5.8

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* 2021. IF 5.8

Thoraxchirurgie

Glatzer M, Leskow P, Caparrotti F, Elicin O, Furrer M, Gambazzi F, Dutly A, Gelpke H, Guckenberger M, Heuberger J, Inderbitzi R, Cafarotti S, Karenovics W, Kestenholz P, Kocher GJ, Kraxner P, Krueger T, Martucci F, Oehler C, Ozsahin M, Papachristofiou A, Wagnetz D, Zaugg K, Zwahlen D, Opitz I, Putora PM: **Stage III N2 non-small cell lung cancer treatment: decision-making among surgeons and radiation oncologists.** *Transl Lung Cancer Res* 2021, 10(4):1960-1968. IF 6.4

Klinik für Traumatologie & Orthopädie

Buchler L, Grob V, Anwander H, Lerch TD, Haefeli PC: **Good Outcome Scores and Low Conversion Rate to THA 10 Years After Hip Arthroscopy for the Treatment of Femoroacetabular Impingement.** *Clin Orthop Relat Res* 2021, 479(10):2256-2264. IF 1.4

Henkelmann R, Frosch KH, Mende M, Gensior TJ, Ull C, Braun PJ, Katthagen C, Glaab R, Hepp P: **Risk Factors for Deep Surgical Site Infection in Patients With Operatively Treated Tibial Plateau Fractures: A Retrospective Multicenter Study.** *J Orthop Trauma* 2021, 35(7):371-377. IF 1.9

Henkelmann R, Glaab R, Mende M, Ull C, Braun PJ, Katthagen C, Gensior TJ, Frosch KH, Hepp P, Committee TotAGASfA, Joint S: **Impact of surgical site infection on patients' outcome after fixation of tibial plateau fractures: a retrospective multicenter study.** *BMC Musculoskelet Disord* 2021, 22(1):531. IF 2.2

Henkelmann R, Krause M, Alm L, Glaab R, Mende M, Ull C, Braun PJ, Katthagen C, Gensior TJ, Frosch KH, Hepp P: **Correction to: Effect of fracturoscopy on the incidence of surgical site infections post tibial plateau fracture surgery.** *Eur J Trauma Emerg Surg* 2021, 47(1):279. IF 2.3

Schmaranzer F, Haefeli PC, Liechti EF, Hanke MS, Tannast M, Buchler L: **Improved Cartilage Quality on Delayed Gadolinium-Enhanced MRI of Hip Cartilage after Subchondral Drilling of Acetabular Cartilage Flaps in Femoroacetabular Impingement Surgery at Minimum 5-Year Follow-Up.** *Cartilage* 2021, 13(1_suppl):617S-629S. IF 2.2

Bereich Chirurgie**Klinik für Urologie**

Godtman RA, Remmers S, Aus G, Nelen V, van Eycken L, Villers A, Rebillard X, Kwiatkowski M, Wyler S, Puliti D, Gorini G, Paez A, Lujan M, Tammela T, Bangma C, Auvinen A, Roobol MJ: **Intervention-related Deaths in the European Randomized Study of Screening for Prostate Cancer.** *Eur Urol Open Sci* 2021, 34:27-32. IF 20.0

Lange J, Remmers S, Gulati R, Bill-Axelson A, Johansson JE, Kwiatkowski M, Auvinen A, Hugosson J, Hu JC, Roobol MJ, Carlsson SV, Etzioni R: Impact of cancer screening on metastasis: **A prostate cancer case study.** *Journal of medical screening* 2021, 28(4):480-487. IF 2.1

Millan C, Praise 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* 2021:e2002067. IF 9.9

Trotsenko P, Wetterauer C, Grimsehl P, Moltgen T, Meierhans S, Manka L, Seifert H, Wyler S, Kwiatkowski M: **Efficacy, safety, and perioperative outcomes of holmium laser enucleation of the prostate-a comparison of patients with lower urinary tract symptoms and urinary retention.** *Lasers Med Sci* 2021, 36(7):1397-1402. IF 3.1

Wetterauer C, Trotsenko P, Matthias MO, Breit C, Keller N, Meyer A, Brantner P, Vlajnic T, Bubendorf L, Winkel DJ, Kwiatkowski M, Seifert HH: **Diagnostic accuracy and clinical implications of robotic assisted MRI-US fusion guided target saturation biopsy of the prostate.** *Scientific reports* 2021, 11(1):20250. IF 4.3

Viszeralchirurgie

Bauer K, Henne-Bruns D, Manzini G: Analysis of the CONKO-001 trial: **Is the validity of the study sufficient to recommend adjuvant chemotherapy for pancreatic cancer?** *Int J Risk Saf Med* 2021. IF 1.5

Cristaudi A, Tarantino I, Scheiwiller A, Wiencierz A, Majno-Hurst P, Schmied BM, Metzger J, Hartel M, Kremer M, Manzini G: **Diagnostic role of the 'white test' with lipidic solution in the early intraoperative identification of open bile ducts for the prevention of bile leakage after liver resection: study protocol for a randomised controlled multicentric superiority trial (BiLe-Trial).** *BMJ Open* 2021, 11(7):e049449. IF 2.6

Datfar T, Doulberis M, Papaefthymiou A, Hines IN, Manzini G: **Viral Hepatitis and Hepatocellular Carcinoma: State of the Art.** *Pathogens* 2021, 10(11). IF 3.4

Doulberis M, Pierre NT, Manzini G, Papaefthymiou A, Kountouras J, Klukowska-Rotzler J, Polyzos SA, Srivastava S, Exadaktylos AK, Knuchel J, Kuntzen T, Srivastava DS: **Helicobacter pylori-Related Metabolic Parameters and Premalignant Gastric Mucosa Histological Lesions in Swiss Bariatric Patients.** *Microorganisms* 2021, 9(7). IF 3.8

Gut L, Bernet S, Huembelin M, Mueller M, Baechli C, Koch D, Nebiker C, Schuetz P, Mueller B, Christ E, Ebrahimi F, Kutz A: **Sex-Specific Differences in Outcomes Following Thyroidectomy: A Population-Based Cohort Study.** *Eur Thyroid J* 2021, 10(6):476-485. IF 4.2

Kremer M, Manzini G, Hartel M: **[Current surgical treatment options for liver metastasis].** *Ther Umsch* 2021, 78(10):597-603. IF 0.1

Mueller M, Ebrahimi F, Christ E, Nebiker CA, Schuetz P, Mueller B, Kutz A: **Safety of parathyroidectomy in older vs. younger patients with primary hyperparathyroidism.** *Endocr Connect* 2021, 10(10):1273-1282. IF 3.3

Sauer Durand AM, Nebiker CA, Hartel M, Kremer M: **Bilateral delayed traumatic diaphragmatic injury.** *J Surg Case Rep* 2021, 2021(4):rjab052. IF 0.6

Staubitz JI, Clerici T, Riss P, Watzka F, Bergenfelz A, Bareck E, Fendrich V, Goldmann A, Grafen F, Heintz A, Kaderli RM, Karakas E, Kern B, Matter M, Mogl M, Nebiker CA, Niederle B, Obermeier J, Ringger A, Schmid R, Triponez F, Trupka A, Wicke C, Musholt TJ: **[EUROCRINE(R): adrenal surgery 2015-2019- surprising initial results].** *Chirurg* 2021, 92(5):448-463. IF 0.9

Steck A, Nebiker C, Capraro J, Yurtsever H, Toutonji AA, Struja T: **[VIPoma of the Pancreas].** *Praxis (Bern 1994)* 2021, 110(11):637-642. IF 0.1

Bereich Frauen und Kinder

Frauenklinik

Geissler F, Hoesli I, Todesco Bernasconi M: **Recurrent pituitary apoplexy in pregnancy.** *BMJ case reports* 2021, 14(8). IF 0.4

Kappos EA, Schulz A, Regan MM, Moffa G, Harder Y, Ribi K, Potter S, Pusic AL, Fehr MK, Hemkens LG, Holzbach T, Farhadi J, Simonson C, Knauer M, Verstappen R, Bucher HC, Zwahlen D, Zimmermann F, Schwenkglenks M, Mucklow R, Shaw J, Bjelic-Radisic V, Chiorescu A, Chun YS, Farah S, Xiaosong C, Nigard L, Kuemmel S, Reitsamer R, Hauschild M, Fulco I, Tausch C, Fischer T, Sarlos D, Constantinescu MA, Lupatsch JE, Fitzal F, Heil J, Matrai Z, de Boniface J, Kurzeder C, Haug M, Weber WP: **Prepectoral versus subpectoral implant-based breast reconstruction after skin-sparing mastectomy or nipple-sparing mastectomy (OPBC-02/ PREPEC): a pragmatic, multicentre, randomised, superiority trial.** *BMJ open* 2021, 11(9):e045239. IF 2.6

Vouga M, Favre G, Martinez-Perez O, Pomar L, Acebal LF, Abascal-Saiz A, Hernandez MRV, Hcini N, Lambert V, Carles G, Sichitui J, Salomon L, Stirnemann J, Ville Y, de Tejada BM, Gonçalves A, Hawkins-Villarreal A, Castillo K, Solsona EG, Trigo L, Cleary B, Geary M, Bartels H, Al-Kharouf F, Malone F, Higgins M, Keating N, Knowles S, Poncelet C, Ribeiro-do-Valle CC, Surita F, Dantas-Silva A, Borrelli C, Luz AG, Fuenzalida J, Carvajal J, Canales MG, Hernandez O, Grechukhina O, Ko AI, Reddy U, Figueiredo R, Moucho M, Pinto PV, De Luca C, De Santis M, de Campos DA, Martins I, Garabedian C, Subtil D, Bohrer B, Da Rocha Oppermann ML, Wender MCO, Schuler-Faccini L, Sanseverino MTV, Giugliani C, Friedrich L, Scherer MH, Mottet N, Ducarme G, Pelerin H, Moreau C, Breton B, Quibel T, Rozenberg P, Giannoni E, Granado C, Monod C, Mueller D, Hoesli I, Bassler D, Heldstab S, Kolble NO, Sentilhes L, Charvet M, Deprest J, Richter J, Van der Veeken L, Eggel-Hort B, Plantefève G, Derouich M, Calvache AJN, Lopez-Giron MC, Burgos-Luna JM, Escobar-Vidarte MF, Hecher K, Tallarek AC, Hadar E, Haratz KK, Amikam U, Malinger G, Maymon R, Yogeve Y, Schaffer L, Toussaint A, Rossier MC, De Sa RAM, Grawe C, Aebi-Popp K, Radan AP, Raio L, Surbek D, Bockenhoff P, Strizek B, Kaufmann M, Bloch A, Boulvain M, Johann S, Heldstab SA, Bernasconi MT, Grant G, Feki A, Brochut AM, Giral M, Sedille L, Papadia A, Brugger RC, Weber B, Fischer T, Kahler C, Saines KN, Cambou M, Kanellos P, Chen X, Yin M, Haessig A, Ackermann S, Baud D, Panchaud A: **Maternal outcomes and risk factors for COVID-19 severity among pregnant women.** *Sci Rep* 2021, 11(1):13898. IF 4.3

Weber WP, Matrai Z, Hayoz S, Tausch C, Henke G, Zwahlen DR, Gruber G, Zimmermann F, Seiler S, Maddox C, Ruhstaller T, Muenst S, Ackerknecht M, Kuemmel S, Bjelic-Radisic V, Kurzeder C, Ujhelyi M, Vrieling C, Satler R, Meyer I, Becciolini C, Bucher S, Simonson C, Fehr PM, Gabriel N, Maraz R, Sarlos D, Dedes KJ, Leo C, Berclaz G, Dubsky P, Exner R, Fansa H, Hager C, Reisenberger K, Singer CF, Reitsamer R, Reinisch M, Winkler J, Lam GT, Fehr MK, Naydina T, Kohlik M, Clerc K, Ostapenko V, Fitzal F, Nussbaumer R, Maggi N, Schulz A, Markellou P, Lelievre L, Egle D, Heil J, Knauer M: **Tailored axillary surgery in patients with clinically node-positive breast cancer: Pre-planned feasibility substudy of TAXIS (OPBC-03, SAKK 23/16, IBCSG 57-18, ABCSG-53, GBG 101).** *Breast* 2021, 60:98-110. IF 2.4

Klinik für Kinder und Jugendliche

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* 2021. IF 6.5

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* 2021. IF 8.8

Berben L, Sigg N, Daly ML, Bachmann S, Baer W, Berthet G, Bolt I, Dan D, Enderlin Steiger S, Frohlich J, Hasler P, Hofer M, Huemer C, Kaiser D, Marcoli N, Palmer Sarott S, Rottlander Y, Schmid G, Soennichsen C, Strahm Furler L, Vanoni F, Wildi L, Daikeler T, Woerner A: **Current practice of transitional care for adolescents and young adults in Swiss paediatric and adult rheumatology centres.** *Swiss Med Wkly* 2021, 151:w30046. IF 2.2

Bowers DC, Verbruggen LC, Kremer LCM, Hudson MM, Skinner R, Constine LS, Sabin ND, Bhangoo R, Haupt R, Hawkins MM, Jenkinson H, Khan RB, Klimo P, Jr., Pretorius P, Ng A, Reulen RC, Ronckers CM, Sadighi Z, Scheinemann K, Schouten-van Meeteren N, Sugden E, Teepe JC, Ullrich NJ, Walter A, Wallace WH, Oeffinger KC, Armstrong GT, van der Pal HJH, Mulder RL: **Surveillance for subsequent neoplasms of the CNS for childhood, adolescent, and young adult cancer survivors: a systematic review and recommendations from the International Late Effects of Childhood Cancer Guideline Harmonization Group.** *The Lancet Oncology* 2021, 22(5):e196-e206. IF 41.3

Bereich Frauen und Kinder

Korten I, Oestreich MA, Frey U, Moeller A, Jung A, Spinas R, Mueller-Suter D, Trachsel D, Rochat I, Spycher B, Latzin P, Ca-saulta C, Ramsey K, Scild, Bild sg: **Respiratory symptoms do not reflect functional impairment in early CF lung disease.** *Journal of cystic fibrosis : official journal of the European Cystic Fibrosis Society* 2021, 20(6):957-964. IF 5.4

Lavieri L, Koenig C, Bodmer N, Agyeman PKA, Scheinemann K, Ansari M, Roessler J, Ammann RA: **Predicting fever in neutropenia with safety-relevant events in children undergoing chemotherapy for cancer: The prospective multicenter SPOG 2015 FN Definition Study.** *Pediatric blood & cancer* 2021, 68(12):e29253. IF 2.2

Légeret C, Furlano R, Stienen Y, Kohler H: **Celiac disease: Evaluation of diagnosis in children and teenagers.** *Z Evid Fortbild Qual Gesundhwes* 2021, 167:1-5. IF 0.8

Légeret C, Meyer B J, Rovina A, Deigendesch N, Berger C T, Daikeler T, Heijnen I, Burstein E, Köhler H, Recher M: **JAK Inhibition in a Patient with X-Linked Reticulate Pigmentary Disorder.** *J Clin Immunol* 2021, 41(1):212-216 IF 8.3

Légeret C, Rüttimann C, Fankhauser H, Köhler H: **Parasitic infections in Swiss children: Are we overtesting?** *BMC Gastroenterol* 2021, 26;21(1):39 IF 3.0

Maximiano Sousa F, Roelens M, Fricker B, Thiabaud A, Iten A, Cusini A, Flury D, Buettcher M, Zukol F, Balmelli C, Zimmermann P, Troillet N, Vuichard-Gysin D, Schreiber PW, Bernhard-Stirnemann S, Tschudin-Sutter S, Nussbaumer-Ochsner Y, Sommerstein R, Gaudenz R, Marschall J, Senn L, Gardiol C, Keiser O, Schupbach G, Wymann M, Vidondo B, Ch-Sur Study G: **Risk factors for severe outcomes for COVID-19 patients hospitalised in Switzerland during the first pandemic wave, February to August 2020: prospective observational cohort study.** *Swiss Med Wkly* 2021, 151:w20547. IF 2.2

Nava E, Mori AC, Striano P, Ramantani G: **Atypical presentation of sunflower epilepsy featuring an EEG pattern of continuous spike waves during slow-wave sleep.** *Epileptic Disord* 2021, 23(6):927-932 IF 1.8

Otth M, Denzler S, Koenig C, Koehler H, Scheinemann K: **Transition from pediatric to adult follow-up care in childhood cancer survivors-a systematic review.** *J Cancer Surviv* 2021, 15(1):151-162. IF 4.4

Otth M, Drozdov D, Hugli C, Scheinemann K: **Young Survivors at KSA: registry for standardised assessment of long-term and late-onset health events in survivors of childhood and adolescent cancer-a study protocol.** *BMJ open* 2021, 11(12):e053749. IF 2.6

Otth M, Schindera C, Gungor T, Ansari M, Scheinemann K, Belle FN, Latzin P, von der Weid N, Kuehni CE, Swiss Pediatric Oncology G: **Transplant characteristics and self-reported pulmonary outcomes in Swiss childhood cancer survivors after hematopoietic stem cell transplantation-a cohort study.** *Bone marrow transplantation* 2021, 56(5):1065-1076. IF 5.4

Otth M, Wechsler P, Denzler S, Koehler H, Scheinemann K: **Determining transition readiness in Swiss childhood cancer survivors - a feasibility study.** *BMC cancer* 2021, 21(1):84. IF 4.0

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 transplantation* 2021. IF 5.4

Pedersen ESL, Ardura-Garcia C, de Jong CCM, Jochmann A, Moeller A, Mueller-Suter D, Regamey N, Singer F, Goutaki M, Kuehni CE: **Diagnosis in children with exercise-induced respiratory symptoms: A multi-center study.** *Pediatr Pulmonol* 2021, 56(1):217-225. IF 3.0

Pedersen ESL, de Jong CCM, Ardura-Garcia C, Mallet MC, Barben J, Casaulta C, Hoyler K, Jochmann A, Moeller A, Mueller-Suter D, Regamey N, Singer F, Goutaki M, Kuehni CE: **Reported Symptoms Differentiate Diagnoses in Children with Exercise-Induced Respiratory Problems: Findings from the Swiss Paediatric Airway Cohort (SPAC).** *J Allergy Clin Immunol Pract* 2021, 9(2):881-889 e883. IF 8.8

Roelens M, Martin A, Friker B, Sousa FM, Thiabaud A, Vidondo B, Buchter V, Gardiol C, Vonlanthen J, Balmelli C, Battegay M, Berger C, Buettcher M, Cusini A, Flury D, Heininger U, Niederer-Lohr A, Riedel T, Schreiber PW, Sommerstein R, Troillet N, Tschudin-Sutter S, Vetter P, Bernhard-Stirnemann S, Corti N, Gaudenz R, Marschall J, Nussbaumer-Ochsner Y, Senn L, Vuichard-Gysin D, Zimmermann P, Zucol F, Iten A, Keiser O: **Evolution of COVID-19 mortality over time: results from the Swiss hospital surveillance system (CH-SUR).** *Swiss Med Wkly* 2021, 151:w30105. IF 2.2

Bereich Frauen und Kinder

Thiabaud A, Iten A, Balmelli C, Senn L, Troillet N, Widmer A, Flury D, Schreiber PW, Vazquez M, Damonti L, Buettcher M, Vuichard-Gysin D, Kuhm C, Cusini A, Riedel T, Nussbaumer-Ochsner Y, Gaudenz R, Heininger U, Berger C, Zucol F, Bernhard-Stirnemann S, Corti N, Zimmermann P, Uka A, Niederer-Lohr A, Gardiol C, Roelens M, Keiser O: **Cohort profile: SARS-CoV-2/COVID-19 hospitalised patients in Switzerland.** *Swiss Med Wkly* 2021, 151:w20475. IF 2.2

Uka A, Buettcher M, Bernhard-Stirnemann S, Fougère Y, Moussaoui D, Kottanattu L, Wagner N, Zimmermann P, Ritz N: **Factors associated with hospital and intensive care admission in paediatric SARS-CoV-2 infection: a prospective nationwide observational cohort study.** *Eur J Pediatr* 2021;1-11. IF 3.1

van Dalen EC, Mulder RL, Suh E, Ehrhardt MJ, Aune GJ, Bardi E, Benson BJ, Bergler-Klein J, Chen MH, Frey E, Hennewig U, Lockwood L, Martinsson U, Muraca M, van der Pal H, Plummer C, Scheinemann K, Schindera C, Tonorezos ES, Wallace WH, Constine LS, Skinner R, Hudson MM, Kremer LCM, Levitt G, Mulrooney DA: **Coronary artery disease surveillance among childhood, adolescent and young adult cancer survivors: A systematic review and recommendations from the International Late Effects of Childhood Cancer Guideline Harmonization Group.** *European journal of cancer* 2021, 156:127-137. IF 9.1

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* 2021. IF 19.8

Vavassori S, Chou J, Faletti LE, Haunerdinger V, Opitz L, Joset P, Fraser CJ, Prader S, Gao X, Schuch LA, Wagner M, Hoefele J, Maccari ME, Zhu Y, Elakis G, Gabbett MT, Forstner M, Omran H, Kaiser T, Kessler C, Olbrich H, Froesk P, Almutairi A, Platt CD, Elkins M, Weeks S, Rubin T, Planas R, Marchetti T, Koovely D, Klambt V, Soliman NA, von Hardenberg S, Klemann C, Baumann U, Lenz D, Klein-Franke A, Schwemmle M, Huber M, Sturm E, Hartleif S, Haffner K, Gimpel C, Brotschi B, Laube G, Gungor T, Buckley MF, Kottke R, Staufner C, Hildebrandt F, Reu-Hofer S, Moll S, Weber A, Kaur H, Ehl S, Hiller S, Geha R, Roscioli T, Giese M, Pachlopnik Schmid J: **Multisystem inflammation and susceptibility to viral infections in human ZNFX1 deficiency.** *J Allergy Clin Immunol* 2021, 148(2):381-393. IF 10.7

Bereich Perioperative, Notfall- & Intensivmedizin

Klinik für Anästhesie

da Costa BR, Saadat P, Basciani R, Agarwal A, Johnston BC, Juni P: **Visual Analogue Scale has higher assay sensitivity than WOMAC pain in detecting between-group differences in treatment effects: a meta-epidemiological study.** *Osteoarthritis Cartilage* 2021, 29(3):304-312. IF 6.5

de Mul N, Damstra J, Nieveen van Dijkum EJM, Fischli S, Kalkman CJ, Schellekens WM, Immink RV: **Risk of perioperative thyroid storm in hyperthyroid patients: a systematic review.** *Br J Anaesth* 2021, 127(6):879-889. IF 9.1

Fuchs A, Kaser D, Theiler L, Greif R, Knapp J, Berger-Estilita J: **Survival and long-term outcomes following in-hospital cardiac arrest in a Swiss university hospital: a prospective observational study.** *Scand J Trauma Resusc Emerg Med* 2021, 29(1):115. IF 2.9

Gualandro DM, Puelacher C, Lurati Buse G, Glarner N, Cardozo FA, Vogt R, Hidvegi R, Strunz C, Bolliger D, Gueckel J, Yu PC, Liffert M, Arslani K, Prepoudis A, Calderaro D, Hammerer-Lercher A, Lampart A, Steiner LA, Scharen S, Kindler C, Guerke L, Osswald S, Devereaux PJ, Caramelli B, Mueller C, Investigators B-P: **Incidence and outcomes of perioperative myocardial infarction/injury diagnosed by high-sensitivity cardiac troponin I.** *Clin Res Cardiol* 2021, 110(9):1450-1463. IF 5.4

Haller G, Heim C, Meier K, Clerici N, Combescure C, Ganter MT, Schliessbach J, Kindler C, Eichenberger U, Kern C: **Physician anaesthesia providers in Switzerland today and tomorrow: results of the National Anaesthesia Workforce Study (NA-WOS).** *Swiss Med Wkly* 2021, 151(33-34). IF 2.2

Knapp J, Eberle B, Bernhard M, Theiler L, Pietsch U, Albrecht R: **Analysis of tracheal intubation in out-of-hospital helicopter emergency medicine recorded by video laryngoscopy.** *Scand J Trauma Resusc Emerg Med* 2021, 29(1):49. IF 2.9

Bereich Perioperative, Notfall- & Intensivmedizin

Lurati Buse GAL, Puelacher C, Gualandro DM, Genini AS, Hidvegi R, Bolliger D, Arslani K, Steiner LA, Kindler C, Mueller C, Investigators B-P: **Association between self-reported functional capacity and major adverse cardiac events in patients at elevated risk undergoing noncardiac surgery: a prospective diagnostic cohort study.** *Br J Anaesth* 2021, 126(1):102-110. IF 9.1

Lurati Buse GAL, Puelacher C, Gualandro DM, Kilinc D, Glarner N, Hidvegi R, Bolliger D, Arslani K, Lampart A, Steiner LA, Kindler C, Wolff T, Mujagic E, Guerke L, Mueller C, Incidence, Outcome of Perioperative Myocardial Injury After Non-cardiac Surgery I: **Adherence to the European Society of Cardiology/European Society of Anaesthesiology recommendations on preoperative cardiac testing and association with positive results and cardiac events: a cohort study.** *Br J Anaesth* 2021, 127(3):376-385. IF 9.1

Nabecker S, Hornshaw TA, Greif R, Conrad C, Rohrer M, Theiler L, Riva T: **Cricothyroidotomy competence and injuries using nonmedical equipment: A crossover noninferiority randomised controlled trial in a porcine cadaver model.** *Eur J Anaesthesiol* 2021, 38(3):302-308. IF 4.1

Nabecker S, Huwendiek S, Theiler L, Huber M, Petrowski K, Greif R: **The effective group size for teaching cardiopulmonary resuscitation skills - A randomized controlled simulation trial.** *Resuscitation* 2021, 165:77-82. IF 5.2

Nabecker S, Ottenhausen T, Theiler L, Braun M, Greif R, Riva T: **Prospective observational study evaluating the C-MAC Video Stylet for awake tracheal intubation: a single-center study.** *Minerva Anestesiol* 2021, 87(8):873-879. IF 3.0

Nabecker S, Pfeffer R, Lötscher S, Balmer Y, Theiler L, Greif R, Albrecht R: **Simulation-based medical education for Ambulance Jet and Helicopter Emergency Medical Services: A program description and evaluation [version 1].** *MedEdPublish* 2021, 10(145). IF k.A.

Pedersen TH, Ueltschi F, Hornshaw T, Greif R, Theiler L, Huber M, Kleine-Brueggemey M: **Optimisation of airway management strategies: a prospective before-and-after study on events related to airway management.** *Br J Anaesth* 2021, 127(5):798-806. IF 9.1

Pietsch U, Berger Y, Schurter D, Theiler L, Wenzel V, Meuli L, Grunenfelder A, Albrecht R: **Nasal nalbuphine analgesia in prehospital trauma managed by first-responder personnel on ski slopes in Switzerland: an observational cohort study.** *Scand J Trauma Resusc Emerg Med* 2021, 29(1):36. IF 2.9

Riva T, Meyer J, Theiler L, Obrist D, Butikofer L, Greif R, Nabecker S: **Measurement of airway pressure during high-flow nasal therapy in apnoeic oxygenation: a randomised controlled crossover trial().** *Anaesthesia* 2021, 76(1):27-35. IF 6.9

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 9.4

Riva T, Preel N, Theiler L, Greif R, Butikofer L, Ulmer F, Seiler S, Nabecker S: **Evaluating the ventilatory effect of transnasal humidified rapid insufflation ventilatory exchange in apnoeic small children with two different oxygen flow rates: a randomised controlled trial().** *Anaesthesia* 2021, 76(7):924-932. IF 6.9

Salm L, Marti WR, Stekhoven DJ, Kindler C, Von Strauss M, Mujagic E, Weber WP: **Impact of bodyweight-adjusted antimicrobial prophylaxis on surgical-site infection rates.** *BJS Open* 2021, 5(2). IF 2.7

Sjöblom A, Broms J, Hedberg M, Lodenius A, Furubacke A, Henningsson R, Wiklund A, Nabecker S, Theiler L, Jonsson Fagerlund M: **Pre-oxygenation using high-flow nasal oxygen vs. tight facemask during rapid sequence induction.** *Anaesthesia* 2021, 76(9):1176-1183. IF 6.9

van Schaik EPC, Blankman P, Van Klei WA, Knape H, Vaessen P, Braithwaite SA, van Wolfswinkel L, Schellekens WM: **Hypoxemia during procedural sedation in adult patients: a retrospective observational study.** *Can J Anaesth* 2021, 68(9):1349-1357. IF 5.0

Intensivmedizin

Frohlich MR, Rettke H, Conca A, Boden K: **Inter- und intraprofessionelle Zusammenarbeit in Krisensituationen auf der Intensivstation am Beispiel von COVID-19.** *Pflege* 2021, 34(5):251-262. IF 0.6

Scheier T, Saleschus D, Dunic M, Frohlich MR, Schupbach R, Falk C, Sax H, Kuster SP, Schreiber PW: **Implementation of daily chlorhexidine bathing in intensive care units for reduction of central line-associated bloodstream infections.** *J Hosp Infect* 2021, 110:26-32. IF 2.7

Bereich Perioperative, Notfall- & Intensivmedizin

Wendel Garcia PD, Aguirre-Bermeo H, Buehler PK, Alfaro-Farias M, Yuen B, David S, Tschoellitsch T, Wengenmayer T, Korsos A, Fogagnolo A, Kleger GR, Wu MA, Colombo R, Turrini F, Potalivo A, Rezoagli E, Rodriguez-Garcia R, Castro P, Lander-Azcona A, Martin-Delgado MC, Lozano-Gomez H, Ensner R, Michot MP, Gehring N, Schott P, Siegemund M, Merki L, Wiegand J, Jeitziner MM, Laube M, Salomon P, Hillgaertner F, Dullenkopf A, Ksouri H, Cereghetti S, Grazioli S, Burkle C, Marrel J, Fleisch I, Perez MH, Baltussen Weber A, Ceruti S, Marquardt K, Hubner T, Redecker H, Studhalter M, Stephan M, Selz D, Pietsch U, Ristic A, Heise A, Meyer Zu Bentrup F, Franchitti Laurent M, Fodor P, Gaspert T, Haberthuer C, Colak E, Heuberger DM, Fumeaux T, Montomoli J, Guerci P, Schuepbach RA, Hilty MP, Roche-Campo F, Investigators R-I: **Implications of early respiratory support strategies on disease progression in critical COVID-19: a matched subanalysis of the prospective RISC-19-ICU cohort.** *Crit Care* 2021, 25(1):175. IF 9.0

Bereich Zentrale Medizinische Dienste**Institut für Labormedizin**

Achtnichts L, Jakopp B, Oberle M, Nedeltchev K, Fux CA, Sellner J, Findling O: **Humoral Immune Response after the Third SARS-CoV-2 mRNA Vaccination in CD20 Depleted People with Multiple Sclerosis.** *Vaccines (Basel)* 2021, 9(12): 1470. IF 4.4

Adam KM, Osthoff M, Lamoth F, Conen A, Erard V, Boggian K, Schreiber PW, Zimmerli S, Bochud PY, Neofytos D, Fleury M, Fankhauser H, Goldenberger D, Mühlenthaler K, Riat A, Zbinden R, Kronenberg A, Quiblier C, Marchetti O, Khanna N: **Trends of the Epidemiology of Candidemia in Switzerland: A 15-Year FUNGINOS Survey.** *Open Forum Infect Dis* 2021, 8(10):ofab471. IF 3.8

Bras AE, Osmani Z, de Haas V, Jongen-Lavencic M, Te Marvelde JG, Zwaan CM, Mejstrikova E, Fernandez P, Szczepanski T, Orfaa A, van Dongen JJM, van der Velden VHJ: **Standardised immunophenotypic analysis of myeloperoxidase in acute leukaemia.** *Br J Haematol* 2021, 193(5):922-927. IF 6.9

Bregenzer A, Ottiger C, Krismer C, Sager K, Fux CA: **HCV RNA quantification in capillary dried blood spots with the Xpert® HCV Viral Load test for diagnosing chronic HCV infection, monitoring treatment and detecting reinfection.** *Swiss Med Wkly* 2021, 151: w30089. IF 2.2

Collinson P, Suvisaari J, Aakre KM, Baum H, Duff CJ, Gruson D, Hammerer-Lercher A, Pulkki K, Stankovic S, Langlois MR, Apple FS, Laitinen P, Markers ETGoC: **How Well Do Laboratories Adhere to Recommended Guidelines for Cardiac Biomarkers Management in Europe? The CArdiac MARker Guideline Uptake in Europe (CAMARGUE) Study of the European Federation of Laboratory Medicine Task Group on Cardiac Markers.** *Clin Chem* 2021, 67(8):1144-1152. IF 8.3

Fill Malfertheiner S, Bataiosu-Zimmer E, Michel H, Fouzas S, Bernasconi L, Buhrer C, Wellmann S: **Vasopressin but Not Oxytocin Responds to Birth Stress in Infants.** *Front Neurosci* 2021, 15:718056. IF 4.5

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).** *Pediatric research* 2021. IF 3.7

Gregoriano C, Damm D, Kutz A, Koch D, Wolfisberg S, Haubitz S, Conen A, Bernasconi L, Hammerer-Lercher A, Fux CA, Mueller B, Schuetz P: **Association of endothelial activation assessed through endothelin-1 precursor peptide measurement with mortality in COVID-19 patients: an observational analysis.** *Respiratory research* 2021, 22(1):148. IF 5.6

Gregoriano C, Koch D, Kutz A, Haubitz S, Conen A, Bernasconi L, Hammerer-Lercher A, Saeed K, Mueller B, Schuetz P: **The vasoactive peptide MR-pro-adrenomedullin in COVID-19 patients: an observational study.** *Clin Chem Lab Med* 2021, 59(5):995-1004. IF 3.6

Gregoriano C, Molitor A, Haag E, Kutz A, Koch D, Haubitz S, Conen A, Bernasconi L, Hammerer-Lercher A, Fux CA, Mueller B, Schuetz P: **Activation of Vasopressin System During COVID-19 is Associated With Adverse Clinical Outcomes: An Observational Study.** *J Endocr Soc* 2021, 5(6):bvab045. IF 5.9

Gualandro DM, Puelacher C, Lurati Buse G, Glarner N, Cardozo FA, Vogt R, Hidvegi R, Strunz C, Bolliger D, Gueckel J, Yu PC, Liffert M, Arslani K, Prepoudis A, Calderaro D, Hammerer-Lercher A, Lampart A, Steiner LA, Scharen S, Kindler C, Guerke L, Osswald S, Devereaux PJ, Caramelli B, Mueller C, Investigators B-P: **Incidence and outcomes of perioperative myocardial infarction/injury diagnosed by high-sensitivity cardiac troponin I.** *Clin Res Cardiol* 2021, 110(9):1450-1463. IF 5.4

Bereich Zentrale Medizinische Dienste

Kutz A, Conen A, Gregoriano C, Haubitz S, Koch D, Domenig O, Bernasconi L, Mueller B, Schuetz P: **Renin-angiotensin-aldosterone system peptide profiles in patients with COVID-19.** *Eur J Endocrinol* 2021, 184(4):543-552. IF 6.6

Legeret C, Ruttimann C, Fankhauser H, Kohler H: **Parasitic infections in Swiss children: Are we overtesting?** *BMC gastroenterology* 2021, 21(1):39. IF 3.0

Lhermitte L, Barreau S, Morf D, Fernandez P, Grigore G, Barrena S, de Bie M, Flores-Montero J, Bruggemann M, Mejstrikova E, Nierkens S, Burgos L, Caetano J, Gaipa G, Buracchi C, da Costa ES, Sedek L, Szczepanski T, Aanei CM, van der Sluijs-Gelling A, Delgado AH, Fluxa R, Lecrevisse Q, Pedreira CE, van Dongen JJM, Orfao A, van der Velden VHJ, EuroFlow C: **Automated identification of leukocyte subsets improves standardization of database-guided expert-supervised diagnostic orientation in acute leukemia: a EuroFlow study.** *Mod Pathol* 2021, 34(1):59-69. IF 5.9

Meihandoest T, Studt JD, Mendez A, Alberio L, Fontana P, Wuillemin WA, Schmidt A, Graf L, Gerber B, Maeder GM, Bovet C, Sauter TC, Nagler M: **Automated Thrombin Generation Assay for Rivaroxaban, Apixaban, and Edoxaban Measurements.** *Front Cardiovasc Med* 2021, 8:717939. IF 6.0

Puelacher C, Bollen Pinto B, Mills NL, Duceppe E, Popova E, Duma A, Nagele P, Omland T, Hammerer-Lercher A, Lurati Buse G: **Expert consensus on peri-operative myocardial injury screening in noncardiac surgery: A literature review.** *Eur J Anaesthesiol* 2021, 38(6):600-608. IF 4.3

Ragozzino S, Goldenberger D, Wright PR, Zimmerli S, Mühlenthaler 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 Infectious Diseases* 2021, 9(2):ofab638. IF 3.8

Reber E, Neyer P, Schonenberger KA, Saxon C, Bernasconi L, Stanga Z, Huber A, Hammerer-Lercher A, Muhlebach S: **Physicochemical Stability and Compatibility Testing of Voriconazole in All-in-One Parenteral Nutrition Admixtures.** *Pharmaceutics* 2021, 13(9). IF 6.0

Singer-Cornelius T, Cornelius J, Oberle M, Metternich FU, Brockmeier SJ: **Objective gustatory and olfactory dysfunction in COVID-19 patients: a prospective cross-sectional study.** *European Archives of Oto-Rhino-Laryngology* 2021, 278(9): 3325-3332. IF 2.5

Willekens G, Studt JD, Mendez A, Alberio L, Fontana P, Wuillemin WA, Schmidt A, Graf L, Gerber B, Bovet C, Sauter TC, Nagler M: **A universal anti-Xa assay for rivaroxaban, apixaban, and edoxaban measurements: method validation, diagnostic accuracy and external validation.** *Br J Haematol* 2021, 193(6):1203-1212. IF 6.9

Wolfisberg S, Gregoriano C, Struja T, Kutz A, Koch D, Bernasconi L, Hammerer-Lercher A, Mohr C, Haubitz S, Conen A, Fux C, Mueller B, Schuetz P: **Comparison of characteristics, predictors and outcomes between the first and second COVID-19 waves in a tertiary care centre in Switzerland: an observational analysis.** *Swiss Med Wkly* 2021, 151:w20569. IF 2.2

Wolfisberg S, Gregoriano C, Struja T, Kutz A, Koch D, Bernasconi L, Hammerer-Lercher A, Mohr C, Haubitz S, Conen A, Fux C, Mueller B, Schuetz P: **Call, chosen, HA2T2, ANDC: validation of four severity scores in COVID-19 patients.** *Infection* 2021. IF 3.5

Institut für Pathologie

Brune MM, Stüssi G, Lundberg P, Vela V, Heim D, Manz MG, Haralambieva E, Pabst T, Banz Y, Bargetzi M, Grobholz R, Fehr M, Cogliatti S, Ossenkoppele GJ, Lowenberg B, Rudolf CB, Li Q, Passweg J, Mazzuchelli L, Medinger M, Tzankov A, Dutch-Belgian Hemato-Oncology Cooperative G, Swiss Group for Clinical Cancer R: **Effects of lenalidomide on the bone marrow microenvironment in acute myeloid leukemia: Translational analysis of the HOVON103 AML/SAKK30/10 Swiss trial cohort.** *Ann Hematol* 2021, 100(5):1169-1179. IF 2.3

Glodean A, Grobholz R, El-Hag K, Ziaka M, Schmid JP: **Midthoracic Pain, Sentinel Arterial Haemorrhage and Exsanguination after a Symptom-Free Interval (Chiari's Triad) is Diagnostic of Arterio-Oesophageal Fistula: A Life-Threatening Cause of Gastrointestinal Bleeding.** *Eur J Case Rep Intern Med* 2021, 8(3):002134. IF 1.0

Koelzer VH, Grobholz R, Zlobec I, Janowczyk A, Swiss Digital Pathology C: **Update on the current opinion, status and future development of digital pathology in Switzerland in light of COVID-19.** *J Clin Path* 2021. IF 2.7

Bereich Zentrale Medizinische Dienste

Schneider AL, Kohler H, Rothlisberger B, Grobholz R, McLin VA: **Sodium taurocholate co-transporting polypeptide deficiency.** *Clin Res Hepatol Gastroenterol* 2021, 46(3):101824. IF 2.9

Steck A, Nebiker C, Capraro J, Yurtsever H, Toutonji AA, Struja T: **[VIPoma of the Pancreas].** *Praxis* 2021, 110(11):637-642. IF 0.1

Wagener C, Schindera S, Kuntzen T, Grobholz R: **[Unexpected deposits in the upper gastrointestinal tract : When medical history matters].** *Pathologe* 2021, 42(2):235-240. IF 1.0

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 Radiology* 2021. IF 5.3

Kienzler JC, Rey S, Wetzel O, Atassi H, Babler S, Burn F, Fandino J: **Incidence and clinical impact of vertebral endplate changes after limited lumbar microdiscectomy and implantation of a bone-anchored annular closure device.** *BMC Surg* 2021, 21(1):19. IF 2.1

Loose RW, Vano E, Mildenberger P, Tsapaki V, Caramella D, Sjoberg J, Paulo G, Torresin A, Schindera S, Frija G, Damilakis J, European Society of R: **Radiation dose management systems-requirements and recommendations for users from the ESR EuroSafe Imaging initiative.** *Eur Radiology* 2021, 31(4):2106-2114. IF 5.3

Tozakidou M, Meister RL, Well L, Petersen KU, Schindera S, Jopp-van Well E, Püschel K, Herrmann J: **CT of the medial clavicular epiphysis for forensic age estimation: hands up?** *Int J Legal Med* 2021, 135(4):1581-1587. IF 2.5

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 Radiology* 2021. IF 5.3

Wagener C, Schindera S, Kuntzen T, Grobholz R: **[Unexpected deposits in the upper gastrointestinal tract : When medical history matters].** *Pathologe* 2021, 42(2):235-240. IF 1.0

Neuroradiologie

Andereggen L, Marbacher S, Dolp A, Gruber P, Remonda L, Meuli-Simmen C, Eyer D: **Extensive Convexity Flattening of a Synthetic Skull Implant the Overcome Major Scalp Deficiency After Multiple Craniotomies.** *J Craniofac Surg* 2021, 32(7):2532-2535. IF 0.8

Andereggen L, Steiger HJ, Diepers M, Marbacher S: **Comment on "superficial siderosis of the central nervous system associated with ventral dural defects: bleeding from the epidural venous plexus".** *J Neurol* 2021, 268(10):3913-3915. IF 4.8

Andereggen L, Anon J: **Short-Term Resolution of Herniated Disk Mimicking Tumor.** *World Neurosurg* 2021, 152:29-30. IF 2.1

Berberat J, Huguenberger R, Montali M, Gruber P, Pircher A, Lovblad KO, Killer HE, Remonda L: **Brain activation patterns in medicated versus medication-naïve adults with attention-deficit hyperactivity disorder during fMRI tasks of motor inhibition and cognitive switching.** *BMC medical imaging* 2021, 21(1):53. IF 1.9

Berberat J, Roelcke U, Remonda L, Schwyzer L: **Long-term apparent diffusion coefficient value changes in patients undergoing radiosurgical treatment of meningiomas.** *Acta neurochirurgica* 2021, 163(1):89-95. IF 2.2

Berkmann S, Lattmann J, Schuetz P, Diepers M, Remonda L, Fandino J, Buchfelder M, Mueller B: **The Shape grading system: a classification for growth patterns of pituitary adenomas.** *Acta neurochirurgica* 2021, 163(11):3181-3189. IF 2.2

Brozova H, Barnaure I, Ruzicka E, Stochl J, Alterman R, Tagliati M: **Short- and Long-Term Effects of DBS on Gait in Parkinson's Disease.** *Front Neurol* 2021, 12:688760. IF 4.0

Gruber P, Singh S, Andereggen L, Berberat J, Remonda L: **Drug-Coated Balloons for the Treatment of Symptomatic Intracranial High-Grade Stenosis: A Review of the Current Rationale.** *Front Neurol* 2021, 12:692208. IF 4.0

Gruter BE, Kahles T, Anon J, Berberat J, Andereggen L, Killer HE, Gruber P: **Carotid-cavernous sinus fistula following mechanical thrombectomy in acute ischaemic stroke: a rare complication.** *Neuroradiology* 2021, 63(7):1149-1152. IF 2.8

Bereich Zentrale Medizinische Dienste

Gruter BE, Wanderer S, Strange F, Boillat G, Taschler D, Rey J, Croci DM, Grandgirard D, Leib SL, von Gunten M, Di Santo S, Widmer HR, Remonda L, Andereggen L, Nevezati E, Coluccia D, Fandino J, Marbacher S: **Patterns of Neointima Formation After Coil or Stent Treatment in a Rat Saccular Sidewall Aneurysm Model.** *Stroke* 2021, 52(3):1043-1052. IF 7.9

Halliday A, Bulbulia R, Bonati LH, Chester J, Cradduck-Bamford A, Peto R, Pan H: **Second asymptomatic carotid surgery trial (ACST-2): a randomised comparison of carotid artery stenting versus carotid endarterectomy.** *Lancet* 2021, 398(10305):1065-1073. IF 7.9

Kienzler JC, Schoepf S, Marbacher S, Diepers M, Remonda L, Fandino J: **Intraoperative Spinal Angiography during Micro-surgical Occlusion of Spinal Dural Arteriovenous Fistula within the Hybrid Operation Room.** *J Neurol Surg A Cent Eur Neurosurg* 2021. IF 1.2

Killer HE, Berberat J, Wostyn P, Pircher A, Rossinelli D: **Posture-Dependent Collapse of the Optic Nerve Subarachnoid Space: A Combined MRI and Modeling Study.** *Invest Ophthalmol Vis Sci* 2021, 62(15):16. IF 4.7

LaGrange DD, Wanke I, Machi P, Bernava G, Vargas M, Botta D, Berberat J, Muster M, Platon A, Poletti PA, Lövblad KO: **Multimodality Characterization of the Clot in Acute Stroke.** *Front Neurol* 2021, 12:760148. IF 4.0

Marbacher S, Halter M, Vogt DR, Kienzler JC, Magyar CTJ, Wanderer S, Anon J, Diepers M, Remonda L, Fandino J: **Value of 3-Dimensional Digital Subtraction Angiography for Detection and Classification of Intracranial Aneurysm Remnants After Clipping.** *Oper Neurosurg (Hagerstown)* 2021, 21(2):63-72. IF 2.7

Pircher A, Neutzner A, Montali M, Huber A, Scholl HPN, Berberat J, Remonda L, Killer HE: **Lipocalin-type Prostaglandin D Synthase Concentration Gradients in the Cerebrospinal Fluid in Normal-tension Glaucoma Patients with Optic Nerve Sheath Compartmentation.** *Eye Brain* 2021, 13:89-97. IF 3.9

Remonda L, Diepers M, Berberat J, Kahles T, Anon J, Nedeltchev K, Gruber P: **Drug-Coated Balloon Treatment in Symptomatic Intracranial High Grade Stenosis : A Retrospective Study of 33 Patients.** *Clin Neuroradiol* 2021, 31(1):45-49. IF 3.6

Sartoretti E, Sartoretti T, Wyss M, Reischauer C, van Smoorenburg L, Binkert CA, Sartoretti-Schefer S, Mannil M: **Amide proton transfer weighted (APTw) imaging based radiomics allows for the differentiation of gliomas from metastases.** *Sci Rep* 2021, 11(1):5506. IF 4.3

Sartoretti T, Sartoretti E, Wyss M, Mannil M, van Smoorenburg L, Eichenberger B, Reischauer C, Alfieri A, Binkert C, Sartoretti-Schefer S: **Diffusion-weighted MRI of ischemic stroke at 3T: Value of synthetic b-values.** *Br J Radiol* 2021, 94(1121):20200869. IF 3.0

Schatlo B, Fung C, Stienen MN, Fathi AR, Fandino J, Smoll NR, Zumofen D, Daniel RT, Burkhardt JK, Bervini D, Marbacher S, Reinert M, D DA, Ahlborn P, Mendes Pereira V, Roethlisberger M, Seule M, Kerkeni H, Remonda L, Weyerbrock A, Woernle K, Venier A, Perren F, Sailer M, Robert T, Rohde V, Schoni D, Goldberg J, Nevezati E, Diepers M, Gralla J, Z'Graggen W, Starnoni D, Woernle C, Maldaner N, Kulcsar Z, Mostaguir K, Maduri R, Eisenring C, Bernays R, Ferrari A, Dan-Ura H, Finkenstadt S, Gasche Y, Sarrafzadeh A, Jakob SM, Corniola M, Baumann F, Regli L, Levivier M, Hildebrandt G, Landolt H, Mariani L, Guzman R, Beck J, Raabe A, Keller E, Bijlenga P, Schaller K: **Incidence and Outcome of Aneurysmal Subarachnoid Hemorrhage: The Swiss Study on Subarachnoid Hemorrhage (Swiss SOS).** *Stroke* 2021, 52(1):344-347. IF 7.9

Scheffler M, Pellaton A, Boto J, Barnaure I, Delattre BM, Remuinan J, Szajzel R, Lövblad KO, Vargas MI: **Hemorrhagic Plaques in Mild Carotid Stenosis: The Risk of Stroke.** *Can J Neurol Sci* 2021, 48(2):218-225. IF 2.1

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* 2021. IF 5.8

Wirsching HG, Roelcke U, Weller J, Hundsberger T, Hottinger AF, von Moos R, Caparrotti F, Conen K, Remonda L, Roth P, Ochsenbein A, Tabatabai G, Weller M: **MRI and (18)FET-PET Predict Survival Benefit from Bevacizumab Plus Radiotherapy in Patients with Isocitrate Dehydrogenase Wild-type Glioblastoma: Results from the Randomized ARTE Trial.** *Clin Cancer Res* 2021, 27(1):179-188. IF 12.5

Bereich Zentrale Medizinische Dienste**Nuklearmedizin und PET-Zentrum**

Berkmann S, Roethlisberger M, Mueller B, Christ-Crain M, Mariani L, Nitzsche E, Juengling F: **Selective resection of cushing microadenoma guided by preoperative hybrid 18-fluoroethyl-L-tyrosine and 11-C-methionine PET/MRI.** *Pituitary* 2021, 24(6):878-886. IF 4.1

Radio-Onkologie-Zentrum KSA-KSB

Bogowicz M, Pavic M, Riesterer O, Finazzi T, Garcia Schüler H, Holz-Sapra E, Rudofsky L, Basler L, Spaniol M, Ambrusch A, Hüllner M, Guckenberger M, Tanadini-Lang S: **Targeting Treatment Resistance in Head and Neck Squamous Cell Carcinoma - Proof of Concept for CT Radiomics-Based Identification of Resistant Sub-Volumes.** *Front Oncol* 2021, 11:664304. IF 6.2

Datta NR, Datta S, Samiei M. **Strategies to Maximize Available Resources With Minimum Cost Escalation for Improving Radiation Therapy Accessibility in the Post-Coronavirus Disease 2019 Era: An Analysis for Asia.** *Adv Radiat Oncol.* 2021 Jan-Feb;6(1):100565. IF 2.6

Datta NR, Marder D, Datta S, Meister A, Puric E, Stutz E, Rogers S, Eberle B, Timm O, Staruch M, Riesterer O, Bodis S: **Quantification of thermal dose in moderate clinical hyperthermia with radiotherapy: a relook using temperature-time area under the curve (AUC).** *Int J Hyperthermia* 2021, 38(1):296-307. IF 3.9

Datta NR, Stutz E, Gomez S, Bodis S: **In Reply to Roussakow.** *Int J Radiat Oncol Biol Phys* 2021, 109(2):642-644. IF 5.5

Ghadjar P, Hayoz S, Bernhard J, Zwahlen DR, Holscher T, Gut P, Polat B, Hildebrandt G, Muller AC, Plasswilm L, Papachristofilou A, Schar C, Sumila M, Zaugg K, Guckenberger M, Ost P, Reuter C, Bosetti DG, Khanfir K, Gomez S, Wust P, Thalmann GN, Aebersold DM, Swiss Group for Clinical Cancer R: **Dose-intensified Versus Conventional-dose Salvage Radiotherapy for Biochemically Recurrent Prostate Cancer After Prostatectomy: The SAKK 09/10 Randomized Phase 3 Trial.** *Eur Urol* 2021, 80(3):306-315. IF 18.7

Glatzer M, Leskow P, Caparrotti F, Elicin O, Furrer M, Gambazzi F, Dutly A, Gelpke H, Guckenberger M, Heuberger J, Inderbitzi R, Cafarotti S, Karenovics W, Kestenholz P, Kocher GJ, Kraxner P, Krueger T, Martucci F, Oehler C, Ozsahin M, Papachristofilou A, Wagner D, Zaugg K, Zwahlen D, Opitz I, Putora PM. **Stage III N2 non-small cell lung cancer treatment: decision-making among surgeons and radiation oncologists.** *Transl Lung Cancer Res.* 2021 Apr;10(4):1960-1968. IF 6.5

Knapp J, Eberle B, Bernhard M, Theiler L, Pietsch U, Albrecht R: **Analysis of tracheal intubation in out-of-hospital helicopter emergency medicine recorded by video laryngoscopy.** *Scand J Trauma Resusc Emerg Med* 2021, 29(1):49. IF 2.9

Kok HP, van der Zee J, Guirado FN, Bakker A, Datta NR, Abdel-Rahman S, Schmidt M, Wust P, Crezee J. **Treatment planning facilitates clinical decision making for hyperthermia treatments.** *Int J Hyperthermia.* 2021 Jan 1;38(1):532-551. IF 4.0

Le Pechoux C, Pourel N, Barlesi F, Lerouge D, Antoni D, Lameze C, Nestle U, Boissel 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.* 2021 Dec 14:S1470-2045 IF 41.3

Lee SY, Lomax N, Berkmann S, Vollmer K, Riesterer O, Bodis S, Rogers S: **Successful salvage of recurrent leptomeningeal disease in large cell neuroendocrine lung cancer with stereotactic radiotherapy.** *Strahlenther Onkol* 2021, 197(12):1143-1147. IF 3.6

Rogers S, Stauffer A, Lomax N, Alonso S, Eberle B, Gomez Ordoñez S, Lazeroms T, Kessler E, Brendel M, Schwyzer L, Riesterer O: **Five fraction stereotactic radiotherapy after brain metastasectomy: a single-institution experience and literature review.** *J Neurooncol* 2021, 155(1):35-43. IF 4.1

Rogers SJ, Datta NR, Puric E, Timm O, Marder D, Khan S, Mamot C, Knuchel J, Siebenhuner A, Pestalozzi B, Guckenberger M, Bodis S, Riesterer O: **The addition of deep hyperthermia to gemcitabine-based chemoradiation may achieve enhanced survival in unresectable locally advanced adenocarcinoma of the pancreas.** *Clin Transl Radiat Oncol* 2021, 27:109-113. IF 3.4

Bereich Zentrale Medizinische Dienste

Stieb S, Lee A, van Dijk LV, Frank S, Fuller CD, Blanchard P: **NTCP Modeling of Late Effects for Head and Neck Cancer: A Systematic Review.** *Int J Part Ther* 2021, 8(1):95-107. IF 1.9

Vuong D, Bogowicz M, Wee L, Riesterer O, Vlaskou Badra E, D'Cruz LA, Balermpas P, van Timmeren JE, Burgermeister S, Dekker A, De Ruyscher D, Unkelbach J, Thierstein S, Eboulet EI, Peters S, Pless M, Guckenberger M, Tanadini-Lang S: **Quantification of the spatial distribution of primary tumors in the lung to develop new prognostic biomarkers for locally advanced NSCLC.** *Sci Rep* 2021, 11(1):20890. IF 4.3

Fachstelle Strahlenschutz und Mediziphysik

Lima TVM, Melchior S, Özden I, Nitzsche E, Binder J, Lutters G: **MAFIA-CT: MAchine Learning Tool For Image Quality Assessment in Computed Tomography.** In: 2021; Cham: Springer International Publishing; 2021: 472-487. IF k.A.