



Publikationen und Vorträge 2020

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Abteilung Innere Medizin

Originalartikel

- **Stivala S, Sorrentino S, Gobbato S, Bonetti NR, Camici G, Lüscher TF, Medalia O, Beer JH:**
 - Glycoprotein Ib clustering in platelets can be inhibited by alpha linolenic acid as revealed by cryo-electron tomography. *Haematologica*. 105(6):1660-1666, 22, 2020
- **Liberale L, Gaul D, Akhmedov A, Bonetti NR, Nageswaran V, Costantino S, Pahla J, Julien W, Briand-Schumacher S, Fehr V, Vdovenko D, Semerano A, Giacalone G, Kullak-Ublick GA, Sessa M, Eriksson U, Paneni F, Ruschitzka F, Montecucco F, Beer JH, Lüscher TF, Matter CM, Camici G:**
 - Endothelial SIRT6 blunts stroke size and neurological deficit by preserving blood-brain barrier integrity: a translational study. *Eur Heart J.*, 1575-1587, 2020
- **Diaz-Canestro C, Bonetti NR, Wüst P, Nageswaran V, Liberale L, Beer JH, Montecucco F, Lüscher TF, Bohacek J, Camici GG:**
 - Apold1 deficiency associates with increased arterial thrombosis in vivo. *Eur J Clin Invest.*;50(2):e13191, 2020
- **Mathis A, Villiger L, Reiner MF, Egloff M, Stivala S, Limacher A, Mean M, Aujesky D, Rodondi N, Angelillo-Scherrer A, Righini M, Staub D, Aschwanden M, Frauchiger B, Osterwalder J, Kucher N, Matter CM, Banyai M, Hugli O, Beer JH:**
 - Elevated HbA1c is not associated with recurrent venous thromboembolism in the elderly, but with all-cause mortality– the SWEETCO 65+ study. *Sci Rep*. 12;10(1):2495, 2020
- **Meyre P, Aeschbacher S, Blum S, Coslovsky M, Beer JH, Moschovitis G, Rodondi N, Baretella O, Kobza R, Sticherling C, Bonati LH, Schwenkglens M, Kühne M, Osswald S, Conen D; Swiss-AF and BEAT-AF Investigators.**
 - The Admit-AF risk score: A clinical risk score for predicting hospital admissions in patients with atrial fibrillation. *Eur J Prec Cardiol.*, 30;2047487320915350, 2020
- **Frey S, Méan M, Garnier A, Castioni N, Wenger N, Egloff M, Marques-Vidal P, Beer JH:**
 - Inter-hospital comparison of working time allocation among internal medicine residents using time-motion observations: an innovative benchmarking tool. *BMJ Open*. 16; 10(2):e033021, 2020
- **Jurisc S, Nägele MP, Beer JH, Contartese J.**
 - Not even a zebra: when an «ordinary acute coronary syndrome» turns out to be a thyrotoxicosis-associated takotsubo syndrome. *Eur Heart J*. 1;41(37):3589, 2020

- **Arsiwala T, Pahla J, van Tits LJ, Bisceglie L, Gaul DS, Costantino S, Miranda MX, Nussbaum K, Stivala S, Blyszczuk P, Weber J, Tailleux A, Stein S, Paneni F, Beer JH, Greter M, Becher B4, Mostoslavsky R, Eriksson U, Staels B, Auwerx J, Hottiger MO, Lüscher TF, Matter CM:**
 - Sirt6 deletion in bone marrow-derived cells increases atherosclerosis - Central role of macrophage scavenger receptor 1. *J Mol Cell Cardiol.*;139:24-32, 2020
- **Burger IA, Niemann T, Patriki D, Fancois F, Beer JH:**
 - Is there a role for lung perfusion [99mTc]-MAA SPECT/CT to rule out pulmonary embolism in COVID-19 patients with contraindications for iodine contrast? *Eur J Nucl Med Mol Imaging*.47(9):2062-2063, 2020
- **Saeedi S, Beer JH.**
 - Apelin-potential therapy for COVID-19? *J Mol Cell Cardiol*. 145:84-87 2020
- **Wilzeck V, Hufschmid J, Bischof L, Hansi C, Nägele M, Beer JH, Hufschmid U:**
 - A significant increase in exercise test performance with virtual group motivation: a randomised open-label controlled trial. *Swiss Medical Weekly*. 15;150:w20287, 2020
- **Krisai P, Blum S, Aeschbacher S, Beer JH, Moschovitis G, Witassek F, Kobza R, Rodondi N, Moutzouri E, Mahmood A, Healey JS, Zuern CS, Kühne M, Osswald S, Conen D:**
 - Swiss-AF study investigators: Associations of symptoms and quality of life with outcomes in patients with atrial fibrillation. *Heart*, heartjnl-2019-316314, 2020
- **Hämmerle P, Eick C, Blum S, Schlageter V, Bauer A, Rizas K, Eken C, Coslovsky M, Aeschbacher S, Krisai P, Meyre P, Vesin JP, Rodondi N, Moutzouri E, Beer JH, Moschovits G, Kobza R, Di Valentino M, Corino V, Laureanti R, Mainardi L, Bonati L, Sticherling C, Conen D, Osswald S, Kühne M, Zuern C, Swiss-AF Study Investigators:**
 - Heart Rate Variability Triangular Index as a Predictor of Cardiovascular Mortality in Patients With Atrial Fibrillation. *JAHA*: 4;9(15):e016075, 2020
- **Zumbrunn B, Stalder O, Limacher A, Ballmer PE, Bassetti S, Battagay E, Beer JH, Brändle M, Genné D, Hayoz D, Henzen C, Huber LC, Petignat PA, Reny JL, Vollenweider P, Aujesky D:**
 - The well-being of Swiss general internal medicine residents. *Swiss Med Wkly*. 150:w20255, 2020

- **Liberale L, Bonetti NR, Puspitasari YM, Schwarz L, Akhmedov A, Montecucco F, Ruschitzka F, Beer JH, Lüscher TF, Simard J, Libby P, Camici GG:**
 - Postischemic Administration of IL-1-Neutralizing Antibody Reduces Brain Damage and Neurological Deficit in Experimental Stroke. *Circulation*. 142(2):187-189, 2020
- **Stempfel S, Aeschbacher S, Blum S, Meyre P, Gugganig R, Beer JH, Kobza R, Kühne M, Moschovitis G, Menghini G, Novak J, Osswald S, Rodondi N, Moutzouri E, Schwenkglens M, Witassek F, Conen D, Sticherling C; Swiss-AF study investigators:**
 - Symptoms and quality of life in patients with coexistent atrial fibrillation and atrial flutter. *Int J Cardiol Heart Vasc.*, 16;29:100556, 2020
- **Polymeris AA, Coslovsky M, Aeschbacher S, Sinnecker T, Benkert P, Kobza R, Beer JH, Rodondi N, Fischer U, Moschovitis G, Monsch AU, Springer A, Schwenkglens M, Wuerfel J, De Marchis GM, Lyrer PA, Kühne M, Osswald S, Conen D, Kuhle J, Bonati LH for the SWISS-AF Investigators:**
 - Serum neurofilament light in atrial fibrillation: clinical, neuroimaging and cognitive correlates. *Brain Communications*, 2;2,2020
- **Springer A, Kievit R, Dutilh G, Coslovsky M, Conen D, Aeschbacher S, Beer JH, Schwenkglens M, Fischer U, Conte G, Meyer-Zuern C, Moschovits G, Moutzouri E, Osswald S, for the SWISS-AF Investigators:**
 - A factor score reflecting cognitive functioning in patients from the Swiss Atrial Fibrillation Cohort Study (Swiss-AF). *Plos One*, 9;15(10):e0240167, 2020
- **Spirk D, Aujesky D, Stuck A, Beer JH, Mazzolai L, Baldi T, Banyai M, Hayoz D, Kaeslin T, Korte W, Escher R, Husmann M, Frauchiger B, Baumgartner I, Kucher N:**
 - Clinical Outcomes of Incidental Venous Thromboembolism in Cancer and Non-Cancer Patients: The SWISS Venous Thromboembolism Registry (SWIVTER). *Thrombosis and Haemostasis*, 10.1055/s-0040-1720977, 2020 (Online ahead of print)
- **Baumgartner Ch, Klok FA, Carrier M, Limacher A, Moor J, Righini M, Beer JH, Peluso M, Rakovic D Huisman MV, Aujesky D:**
 - Clinical Surveillance vs. Anticoagulation For low-risk patients with isolated Subsegmental Pulmonary Embolism: protocol for a multicentre randomised placebo-controlled non-inferiority trial (SAFE-SSPE). *BMJ Open* first published as 10.1136/bmjopen-2020-040151 2020
- **Breitenstein A, Saguner AM, Gasperetti A, Hofer D, Koepfli P, Regoli F, Steffel J:**
 - Assessment of injury current during leadless pacemaker implantation. *Int J Cardiol*. 2021 Jan 15;323:113-117. Epub 2020 Sep 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*. 2020 Oct 10:S0261-5614(20)30537-9. Epub ahead of print.
- **Rutishauser J:**
 - To test or not to test, and how ... copeptin, please advise! *Swiss Med Wkly*. 2020 Jul 22;150:w20292.
- **Rothen JP, Rutishauser J, Walter PN, Hersberger KE, Arnet I:**
 - Oral intermittent vitamin D substitution: influence of pharmaceutical form and dosage frequency on medication adherence: a randomized clinical trial. *BMC Pharmacol Toxicol*. 2020 Jul 11;21(1):51.
- **Spieß M, Beuret N, Rutishauser J:**
 - Genetic forms of neurohypophyseal diabetes insipidus. *Best Pract Res Clin Endocrinol Metab*. 2020 Sep;34(5):101432.
- **Merker M, Felder M, Gueissaz L, Bolliger R, Tribolet P, Kägi-Braun N, 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:**
 - Association of Baseline Inflammation With Effectiveness of Nutritional Support Among Patients With Disease-Related Malnutrition: A Secondary Analysis of a Randomized Clinical Trial. *JAMA Netw Open*. 2020 Mar 2;3(3):e200663.
- **Hersberger L, Bargetzi L, Bargetzi A, Tribolet P, Fehr R, Baechli V, Geiser M, Deiss M, Gomes F, Kutz A, Kägi-Braun N, Hoess C, Pavlicek V, Schmid S, Bilz S, Sigrist S, Brändle M, Benz C, Henzen C, Nigg M, Thomann R, Brand C, Rutishauser J, Aujesky D, Rodondi N, Donzé J, Stanga Z, Mueller B, Schuetz P:**
 - Nutritional risk screening (NRS 2002) is a strong and modifiable predictor risk score for short-term and long-term clinical outcomes: secondary analysis of a prospective randomised trial.
- **Spieß M, Friberg M, Beuret N, Prescianotto-Baschong C, Rutishauser J:**
 - Role of protein aggregation and degradation in autosomal dominant neurohypophyseal diabetes insipidus. *Mol Cell Endocrinol*. 2020 Feb 5;501:110653.
- **Wilzeck Verena C., Hufschmid Janik, Bischof Louis, Hansi Christopher, Nägele Matthias P., Beer Juerg H., Hufschmid Urs:**
 - A significant increase in exercise test performance with virtual group motivation: a randomised open-label controlled trial. *Swiss Med Wkly*. 2020 Jul 7 ;150:w20287

- **Ballova V, Muoio B, Albano D, Bertagna F, Canziani L, Ghielmini M, Ceriani L, Treglia G:**
 - Diagnostic Performance of 18F-FDG PET or PET/CT for Detection of Post-Transplant Lymphoproliferative Disorder: A Systematic Review and a Bivariate Meta-Analysis. *Diagnostics* 2020, 10, 101; doi:10.3390/diagnostics10020101
- **Tarnutzer AA, Bockisch CJ, Buffone E, Weber KP:**
 - Vestibular mapping in patients with unilateral peripheral-vestibular deficits. *Neurology*. 2020 Dec 1;95(22):e2988-e3001.
- **Kattah JC, Badihian S, Pula JH, Tarnutzer AA, Newman-Toker DE, Zee DS:**
 - Ocular lateral deviation with brief removal of visual fixation differentiates central from peripheral vestibular syndrome. *J Neurol*. 2020 Dec;267(12):3763-3772.
- **Lee SH, Kim JM, Schuknecht B, Tarnutzer AA:**
 - Vestibular and Ocular Motor Properties in Lateral Medullary Stroke Critically Depend on the Level of the Medullary Lesion. *Front Neurol*. 2020 Jun 5;11:390.
- **Wedtgrube A, Bockisch CJ, Straumann D, Tarnutzer AA:**
 - Prolonged Static Whole-Body Roll-Tilt and Optokinetic Stimulation Significantly Bias the Subjective Postural Vertical in Healthy Human Subjects. *Front Neurol*. 2020 Oct 15;11:595975. doi: 10.3389/fneur.2020.595975. PMID: 33178130; PMCID: PMC7593480.
- **Romano F, Bockisch CJ, Schuknecht B, Bertolini G, Tarnutzer AA:**
 - Asymmetry in Gaze-Holding Impairment in Acute Unilateral Ischemic Cerebellar Lesions Critically Depends on the Involvement of the Caudal Vermis and the Dentate Nucleus. *Cerebellum*. 2020 Jun 9. doi: 10.1007/s12311-020-01141-7. Epub ahead of print. PMID: 32519289.
- **Wedtgrube A, Bockisch CJ, Tarnutzer AA:**
 - Effects of prolonged roll-tilt on the subjective visual and haptic vertical in healthy human subjects. *J Vestib Res*. 2020;30(1):1-16. doi: 10.3233/VES-200690. PMID: 32065807.
- **Bögli SY, Straumann D, Schuknecht B, Bertolini G, Tarnutzer AA:**
 - Cerebellar Rebound Nystagmus Explained as Gaze-Evoked Nystagmus Relative to an Eccentric Set Point: Implications for the Clinical Examination. *Cerebellum*. 2020 Feb 19. doi: 10.1007/s12311-020-01118-6. Epub ahead of print. PMID: 32076935.
- **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, Kägi 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, Schaerer M, Mono ML, Rodic B, Tarnutzer AA, Mordasini P, Gralla J, Kaesmacher J, Engelter S, Fischer U, Seiffge DJ; Investigators of the Swiss Stroke Registry:**

- Prior Anticoagulation in Patients with Ischemic Stroke and Atrial Fibrillation. *Ann Neurol*. 2021 Jan;89(1):42-53.
- **Weikert T, Rapaka S, Grbic S, Re T, Chaganti S, Winkel DJ, Anastasopoulos C, Niemann T, Wiggli BJ, Bremerich J, Twerenbold R, Sommer G, Comaniciu D, Sauter AW:**
 - Prediction of Patient Management in COVID-19 Using Deep Learning-Based Fully Automated Extraction of Cardiothoracic CT Metrics and Laboratory Findings. *Korean J Radiol*. 2021 Feb 24. doi: 10.3348.
- **WHO Solidarity Trial Consortium, Friedl A, Wiggli BJ, Rutishauser J:**
 - Repurposed Antiviral Drugs for Covid-19 - Interim WHO Solidarity Trial Results. *N Engl J Med*. 2021 Feb 11;384(6):497-511. doi: 10.1056
- **Kahlert CR, Persi R, Güsewell S, Egger T, Leal-Neto OB, Sumer J, Flury D, Brucher A, Lemmenmeier E, Möller C, Rieder P, Stocker R, Vuichard-Gysin D, Wiggli BJ, Albrich WC, Flury BB, Besold U, Fehr J, Kuster SP, McGeer A, Risch L, Schlegel M, Friedl A, Vernazza P, Kohler P:**
 - Non-occupational and occupational factors associated with specific SARS-CoV-2 antibodies among Hospital Workers – a multicentre cross-sectional study. *Clinical Microbiology and Infection - Under Review*
- **Chatzaraki V, Kubik-Huch R, Potempa A, Gashi A, Friedl A, Heesen M, Wiggli BJ, Nocito A, Niemann T:**
 - Preoperative chest CT in emergency surgery during COVID-19 pandemic. *Journal of Perioperative Practice - Under Review*
- **Suwalski P, Holtgrewe M, Thibeault C, Müller M, Patriki D, Quedenau C, Krüger U, Helbig E, Lippert L, Stubbemann P, Real LM, Sanchez JM, Pineda J, Fernandez-Fuertes M, Wang X, Karadeniz Z, Saccomanno J, Doehn JM, Hübner R, Hinzmann B, Salvo M, Blueher A, Siemann S, Jurisic S, Beer JB, Rutishauser J, Wiggli BJ, Schmid HR, Danninger K, Binder R, Corman V, Mühlemann B, Braun A, Ripke S, Jones T, Suttorp N, Witzenrath M, Hippenstiel S, Zemetjel T, Skurk C, Poller W, Borodina T, Pa-COVID Study Group:**
 - HLA-C* 04:01 is a Genetic Risk Allele for Severe Course of COVID-19. *medRxiv* - doi: <https://doi.org/10.1101/2020.12.21.20248121>
- **Moccia AA, Aeppli S, Güsewell S, Bargetzi M, Caspar C, Brülisauer D, Ebnöther M, Fehr M, Fischer N, Ghilardi G, Krasniqi F, Lang N, Mey U, Mingrone W, Novak U, Pflieger C, Richter P, Rütli 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. *Hematol Oncol*. 2021 Apr;39(2):196-204. doi: 10.1002/hon.2830. Epub 2020 Dec 23

- **Schürch S, Fux CA, Dehler S, Conen A, Knuchel J, Friedl A, Eigenmann F, Roser P, Ackle P, Bregenzer A:**
 - Management of hepatitis C in opioid agonist therapy patients of the Swiss canton Aargau within and outside the cohort study. *Swiss Med Wkly.* 2020 Aug 6;150:w20317
- **Von Moos R, Pederiva S, Anchisi S, Bohanes P, Thaler J, Hofheinz RD:**
 - Quality of life in patients with aflibercept and FOLFIRI for metastatic colorectal cancer: Final analysis of the non-interventional study QoLiTrap. Poster am Swiss Oncology and Hematology Virtual Congress 2020

Reviews

- **Riesen WF, Gallino A, Von Eckardstein A, Theus GR, Beer JH, AGLA:**
 - Neue ESC/EAS-Dyslipidämie-Guidelines. *Swiss Medical Forum*, 2020;20 (9-10)
- **Feddermann-Demont N, Palla A, Ettlin T, Sönke J, Tettenborn B, Tarnutzer AA, Wiest D, Sandor PS, Jung HH, Müller A, Straumann D:**
 - Diagnostik und Therapie bei Gehirnerschütterung im Sport. *Swiss Med Forum.* 2020;20(3134):449-454

Fallberichte

- **Saeedi S, Barbagallo M, Reiner M, Schmid HR, Rutishauser J, Beer JH:**
 - Acute kidney injury associated with COVID-19: a prognostic factor for pulmonary embolism or co-incidence? *Eur Heart J*, online 2020
- **Tyriakidis K, Caspar C, Contartese J, Beer JH:**
 - Rhabdomyolysis after co-administration of danazol and atorvastatin. *Clinical Case Reports*, 2020 (submitted)
- **Richmond L, Schneider RP, Steffel J, Sandor PS, Tarnutzer AA:**
 - Case Report: New-Onset Retinal Migraine After Transseptal Catheterization. *Headache.* 2020 Feb;60(2):463-468
- **Wiggli B, Kapitza S, Ahlhelm F, Tarnutzer AA:**
 - Early recognition of thiamine deficiency: ocular motor deficits in a patient with nutritional deprivation due to persistent antibiotic-related nausea. *Infection.* 2020 Feb;48(1):137-140. doi: 10.1007/s15010-019-01363-w. Epub 2019 Oct 12. PMID: 31606875.
- **Proietti A, Fontana F, Tarnutzer AA, Beer JH, Minder AE:**
 - Bauchschmerzen, roter Urin, Hyponatriämie: Red Flags auf dem Weg zur Diagnose *Swiss Med Forum.* 2021;21(1516):264-267

- **Wollmach AD, Zehnder D, Schwendinger M, Tarnutzer AA.**
 - Unilateral orolingual angioedema in a patient with sarcoidosis after intravenous thrombolysis due to acute stroke without improvement after treatment with icatibant. *BMJ Case Rep.* 2020 Dec 21;13(12):e236643. doi: 10.1136/bcr-2020-236643. PMID: 33370942; PMCID: PMC7754647.

Bücher/Buchkapitel

- **Spiess M, Beuret N, Prescianotto Baschong C, Rutishauser J:**
 - Amyloid-like aggregation of provasopressin. *Vitam Horm.* 2020;113:55-77. (Buchkapitel)

Abstracts

- **Von Moos R, Pederiva S, Anchisi S, Bohanes P, Thaler J, Hofheinz RD:**
 - Quality of life in patients with aflibercept and FOLFIRI for metastatic colorectal cancer: Final analysis of the non-interventional study QoLiTrap *Swiss Oncology and Hematology Virtual Congress 2020*
- **Gerhards V, Reiner M, Beer JH, Greiner M:**
 - Für einmal nicht Coronavirus – eine nicht alltägliche Ursache für Fieber und Hepatitis. *Praxis* 2020; 109 (14): 1-3

Vorträge

- **Beer JH:**
 - «Typische Fragestellungen zu Laborkonstellationen Ein Seminar mit Dr Mario Uhr» 17.01.2020, Synlab Luzern
- **Köpfli P:**
 - Tipps und Tricks für Arrhythmie EKGs und Device EKGs/Tracings, Zürcher Symposium über Herzrhythmusstörungen USZ
- **Rutishauser J:**
 - Aktuelles aus der Diabetologie, Fortbildung für Augenärzte Basel
- **Beer JH:**
 - NOAC Spiegelbestimmungen: ein Update, 19.03.2020, Zürcher Review Kurs in klinischer Kardiologie
- **Beer JH:**
 - NOAKs, Gerinnungsupdate, 13.08.2020, Universitätsspital Basel
- **Beer JH:**
 - Covid-19 Herz und Gefässe, 21.10.2020, AGLA Symposium Zürich

- **Tarnutzer AA:**
 - Vestibulär-apparative Diagnostik, Fortbildung für Neurologen KSA
- **Tarnutzer AA:**
 - Neue Antiepileptika und ihre Bedeutung im klinischen Alltag, 34. Mediweek Davos
- **Tarnutzer AA:**
 - Mild traumatic brain injury – impact on the vestibular system, SGOS Jahrestagung 2020, Brunnen
- **Tarnutzer AA:**
 - Pharmacotherapy in neuro-otology, FINO / FINE from bench to bedside – virtuell
- **Tarnutzer AA:**
 - Machine learning using hierarchical clustering – pattern analysis of peripheral-vestibular deficits, FINO / FINE from bench to bedside – virtuell
- **Tarnutzer AA:**
 - Akuter Schwindel - klinische Erstbeurteilung am Patientenbett, 25. Schwindelsymposium USZ
- **Friedl A:**
 - Erwachsene impfen! 34. Mediweek Davos
- **Friedl A:**
 - COVID-19, 34. Mediweek Davos
- **Friedl A:**
 - Update zu COVID-19 für Hausärzte im Kanton Aargau (insgesamt 12x), COVID-Online Konferenz für Hausärzte, virtuell
- **Contartese J:**
 - MDSimc, was gibt es Neues? nationales IMC-Symposium, Bern
- **Contartese J:**
 - IMC-einst und jetzt, Anästhesie-WB UBS