

Bereich Medizin**Medizinische Universitätsklinik****Abteilung Allgemeine Innere und Notfallmedizin**

Caviezel C, Schuetz P, Gerdés S, Gambazzi F. **Procalcitonin as preoperative marker for surgery in advanced parapneumonic empyema.** *J Thorac Dis.* 2017;9(3):734-41. Epub 2017/04/30. IF 2.4

Hensel M, Gradel L, Kutz A, Haubitz S, Huber A, Mueller B, Schuetz P, Hugle T. **Peripheral monocytosis as a predictive factor for adverse outcome in the emergency department: Survey based on a register study.** *Medicine (Baltimore).* 2017;96(28):e7404. Epub 2017/07/13. IF 1.8

Iankova I, Thompson-Leduc P, Kirson NY, Rice B, Hey J, Krause A, Schonfeld SA, DeBrase CR, Bozzette S, Schuetz P. **Efficacy and Safety of Procalcitonin Guidance in Patients With Suspected or Confirmed Sepsis: A Systematic Review and Meta-Analysis.** *Critical care medicine* 2017. IF 7.1

Kutz A, Ebrahimi F, Struja T, Greenwald J, Schuetz P, Mueller B: **Innovative transition interventions to better align healthcare needs in hospitalised medical patients.** *Swiss Medical Weekly* 2017, **147**:w14515. IF 1.7

McCluskey SM, Schuetz P, Abers MS, Bearnott B, Morales ME, Hoffman D, Patel S, Rosario L, Chiappa V, Parry BA, Callahan RT, Bond SA, Lewandrowski K, Binder W, Filbin MR, Vyas JM, Mansour MK. **Serial Procalcitonin as a Predictor of Bacteremia and Need for Intensive Care Unit Care in Adults With Pneumonia, Including Those With Highest Severity: A Prospective Cohort Study.** *Open Forum Infect Dis.* 2017;4(1):ofw238. Epub 2017/05/10.

Odermatt J, Friedli N, Kutz A, Briel M, Bucher HC, Christ-Crain M, Burkhardt O, Welte T, Mueller B, Schuetz P. **Effects of procalcitonin testing on antibiotic use and clinical outcomes in patients with upper respiratory tract infections. An individual patient data meta-analysis.** *Clin Chem Lab Med.* 2017. Epub 2017/07/01. IF 3.4

Odermatt J, Hersberger L, Bolliger R, Graedel L, Christ-Crain M, Briel M, Bucher HC, Mueller B, Schuetz P. **The natriuretic peptide MR-proANP predicts all-cause mortality and adverse outcome in community patients: a 10-year follow-up study.** *Clin Chem Lab Med.* 2017;55(9):1407-16. Epub 2017/01/21. IF 3.4

Odermatt J, Meili M, Hersberger L, Bolliger R, Christ-Crain M, Briel M, Bucher HC, Mueller B, Schuetz P. **Pro-Adrenomedullin predicts 10-year all-cause mortality in community-dwelling patients: a prospective cohort study.** *BMC Cardiovasc Disord.* 2017;17(1):178. Epub 2017/07/06. IF 1.8

Ottiger M, Nickler M, Steuer C, Bernasconi L, Huber A, Christ-Crain M, Henzen C, Hoess C, Thomann R, Zimmerli W, Mueller B, Schuetz P. **Gut, microbiota-dependent trimethylamine-N-oxide is associated with long-term all-cause mortality in patients with exacerbated chronic obstructive pulmonary disease.** *Nutrition.* 2017. Epub 2017/09/06. IF 5.3

Sager R, Kutz A, Mueller B, Schuetz P. **Procalcitonin-guided diagnosis and antibiotic stewardship revisited.** *BMC Med.* 2017;15(1):15. Epub 2017/01/25. IF 8.1

Sager R, Wirz Y, Amin D, Amin A, Hausfater P, Huber A, Haubitz S, Kutz A, Mueller B, Schuetz P. **Are admission procalcitonin levels universal mortality predictors across different medical emergency patient populations? Results from the multi-national, prospective, observational TRIAGE study.** *Clin Chem Lab Med.* 2017. Epub 2017/04/17. IF 3.4

Schuetz P, Birkhahn R, Sherwin R, Jones AE, Singer A, Kline JA, Runyon MS, Self WH, Courtney DM, Nowak RM, Gaiesski DF, Ebmeyer S, Johannes S, Wiemer JC, Schwabe A, Shapiro NI. **Serial Procalcitonin Predicts Mortality in Severe Sepsis Patients: Results From the Multicenter Procalcitonin MOnitoring SEpsis (MOSES) Study.** *Crit Care Med.* 2017;45(5):781-9. Epub 2017/03/04. IF 7.1

Schuetz P, Bretscher C, Bernasconi L, Mueller B. **Overview of procalcitonin assays and procalcitonin-guided protocols for the management of patients with infections and sepsis.** *Expert Rev Mol Diagn.* 2017;17(6):593-601. Epub 2017/04/27. IF 3.1

Schuetz P, Ebmeyer S, Johannes S, Wiemer JC, Schwabe A, Shapiro NI. **The authors reply.** *Crit Care Med.* 2017;45(10):e1098-e9. Epub 2017/09/16. IF 7.1

Schuetz P, Mueller B. **Procalcitonin-guided antibiotic stewardship from newborns to centennials.** *Lancet.* 2017;390(10097):826-9. Epub 2017/07/18. IF 47.8

Schuetz P, Wahl PM: **Additional Real-World Evidence Supporting Procalcitonin as an Effective Tool to Improve Antibiotic Management and Cost of the Critically Ill Patient.** *Chest* 2017, **151**(1):6-8. IF 6.2

Bereich Medizin

Schuetz P, Wahl PM: **Residual confounding or lack of effect?** *Clinical infectious diseases: an official publication of the Infectious Diseases Society of America* 2017. IF 8.2

Schuetz P, Wirz Y, Sager R, Christ-Crain M, Stoltz D, Tamm M, Bouadma L, Luyt CE, Wolff M, Chastre J, Tubach F, Kristoffersen KB, Burkhardt O, Welte T, Schroeder S, Nobre V, Wei L, Bucher HC, Annane D, Reinhart K, Falsey AR, Branche A, Damas P, Nijsten M, de Lange DW, Deliberato RO, Oliveira CF, Maravic-Stojkovic V, Verduri A, Beghe B, Cao B, Shehab Y, Jensen JS, Corti C, van Oers JA, Beishuizen A, Girbes ARJ, de Jong E, Briel M, Mueller B. **Effect of procalcitonin-guided antibiotic treatment on mortality in acute respiratory infections: a patient level meta-analysis.** *Lancet Infect Dis.* 2017. Epub 2017/10/19. IF 19.9

Schuetz P, Wirz Y, Sager R, Christ-Crain M, Stoltz D, Tamm M, Bouadma L, Luyt CE, Wolff M, Chastre J, Tubach F, Kristoffersen KB, Burkhardt O, Welte T, Schroeder S, Nobre V, Wei L, Bucher HC, Bhatnagar N, Annane D, Reinhart K, Branche A, Damas P, Nijsten M, de Lange DW, Deliberato RO, Lima SS, Maravic-Stojkovic V, Verduri A, Cao B, Shehab Y, Beishuizen A, Jensen JS, Corti C, Van Oers JA, Falsey AR, de Jong E, Oliveira CF, Beghe B, Briel M, Mueller B. **Procalcitonin to initiate or discontinue antibiotics in acute respiratory tract infections.** *Cochrane Database Syst Rev.* 2017;10:CD007498. Epub 2017/10/13. IF 6.3

Schuetz P. **Personalized medicine of patients with respiratory infections through the measurement of specific blood biomarkers: fact or fiction?** *Expert Rev Respir Med.* 2017;11(8):605-7. Epub 2017/06/15. IF 2.4

Stojanovic I, Schneider JE, Wei L, Hong Z, Keane C, Schuetz P. **Economic evaluation of procalcitonin-guided antibiotic therapy in acute respiratory infections: a Chinese hospital system perspective.** *Clin Chem Lab Med.* 2017;55(4):561-70. Epub 2016/09/23. IF 3.4

Vogeli A, Ottiger M, Meier MA, Steuer C, Bernasconi L, Huber A, Christ-Crain M, Henzen C, Hoess C, Thomann R, Zimmerli W, Mueller B, Schuetz P. **Asymmetric Dimethylarginine Predicts Long-Term Outcome in Patients with Acute Exacerbation of Chronic Obstructive Pulmonary Disease.** *Lung.* 2017. Epub 2017/08/31. IF 1.9

Vogeli A, Ottiger M, Meier MA, Steuer C, Bernasconi L, Kulkarni P, Huber A, Christ-Crain M, Henzen C, Hoess C, Thomann R, Zimmerli W, Mueller B, Schuetz P. **Admission levels of asymmetric and symmetric dimethylarginine predict long-term outcome in patients with community-acquired pneumonia.** *Respir Res.* 2017;18(1):25. Epub 2017/01/25. IF 3.8

Wenke-Zobler J, Brunner C, Schäfer-Keller P, Reutlinger B, De Geest S, Schubert M, Regez K, Schuetz P, Mueller B, Conca A:

Verbessert eine pflegegeleitete Versorgung die Selbstpflegefähigkeiten? Eine quasi-experimentelle Studie. *Klinische Pflegeforschung* 2017, 3:48-60.

Wirz Y, Branche A, Wolff M, Welte T, Nobre V, Reinhart K, Falsey AR, Damas P, Beishuizen A, Deliberato RO, Shehab Y, Jensen JS, Mueller B, Schuetz P: **Management of Respiratory Infections with Use of Procalcitonin: Moving toward More Personalized Antibiotic Treatment Decisions.** *ACS infectious diseases* 2017, 3(12):875-879. IF 3.3

Zurfluh S, Nickler M, Ottiger M, Steuer C, Kutz A, Christ-Crain M, Zimmerli W, Thomann R, Hoess C, Henzen C, Bernasconi L, Huber A, Mueller B, Schuetz P: **Association of adrenal hormone metabolites and mortality over a 6-year follow-up in COPD patients with acute exacerbation.** *Clinical chemistry and laboratory medicine* 2017. IF 3.4

Dermatologie und Allergologie

Ebner M, Streit M, Grabbe J: **[Prurigo pigmentosa after fat-reduced diet, treated with doxycycline].** *Der Hautarzt; Zeitschrift für Dermatologie, Venerologie, und verwandte Gebiete* 2017. IF 0.7

Pereira MP, Steinke S, Zeidler C, Forner C, Riepe C, Augustin M, Bobko S, Dalgard F, Elberling J, Garcovich S, Gieler U, Goncalo M, Halvorsen JA, Leslie TA, Metz M, Reich A, Savk E, Schneider G, Serra-Baldrich E, Stander HF, Streit M, Wallengren J, Weller K, Wollenberg A, Bruland P, Soto-Rey I, Storck M, Dugas M, Weisshaar E, Szepietowski JC, Legat FJ, Stander S, members ETFPg: **European academy of dermatology and venereology European prurigo project: expert consensus on the definition, classification and terminology of chronic prurigo.** *Journal of the European Academy of Dermatology and Venereology : JEADV* 2017. IF 3.5

Stander S, Zeidler C, Augustin M, Bayer G, Kremer AE, Legat FJ, Maisel P, Mettang T, Metz M, Nast A, Niemeier V, Raap U, Schneider G, Stander HF, Staubach P, Streit M, Weisshaar E: **S2k-Leitlinie zur Diagnostik und Therapie des chronischen Pruritus - Update - Kurzversion.** *Journal der Deutschen Dermatologischen Gesellschaft = Journal of the German Society of Dermatology : JDDG* 2017, 15(8):860-873. IF 2.9

Bereich Medizin

Stander S, Zeidler C, Augustin M, Bayer G, Kremer AE, Legat FJ, Maisel P, Mettang T, Metz M, Nast A, Niemeier V, Raap U, Schneider G, Stander HF, Staubach P, Streit M, Weisshaar E: **S2k Guidelines for the diagnosis and treatment of chronic pruritus - update - short version.** *Journal der Deutschen Dermatologischen Gesellschaft = Journal of the German Society of Dermatology* : JDDG 2017; 15(8):860-872. IF 2.9

Endokrinologie, Diabetologie und Metabolismus

Baumgartner A, Bargetzi A, Zueger N, Bargetzi M, Medinger M, Bounoure L, Gomes F, Stanga Z, Mueller B, Schuetz P. **Revisiting nutritional support for allogeneic hematologic stem cell transplantation-a systematic review.** *Bone Marrow Transplant.* 2017;52(4):506-13. Epub 2017/01/10. IF 3.9

Baumgartner A, Bargetzi M, Bargetzi A, Zueger N, Medinger M, Passweg J, Schanz U, Samaras P, Chalandon Y, Richard C, Limonta A, Wannesson L, Pabst T, Duchosal MA, Hess U, Stanga Z, Mueller B, Schuetz P. **Nutritional support practices in hematopoietic stem cell transplantation centers: A nationwide comparison.** *Nutrition.* 2017;35:43-50. Epub 2017/03/01. IF 3.4

Blum CA, Winzeler B, Nigro N, Schuetz P, Biethahn S, Kahles T, Mueller C, Timper K, Haaf K, Tepperberg J, Amort M, Huber A, Bingisser R, Sandor PS, Nedeltchev K, Muller B, Katan M, Christ-Crain M. **Copeptin for risk stratification in non-traumatic headache in the emergency setting: a prospective multicenter observational cohort study.** *J Headache Pain.* 2017;18(1):21. Epub 2017/02/16. IF 3.6

Braun N, Hoess C, Kutz A, Christ-Crain M, Thomann R, Henzen C, Zimmerli W, Mueller B, Schuetz P. **Obesity paradox in patients with community-acquired pneumonia: Is inflammation the missing link?** *Nutrition.* 2017;33:304-10. Epub 2016/10/16. IF 5.3

Gomes F, Schuetz P, Bounoure L, Austin P, Ballesteros-Pomar M, Cederholm T, Fletcher J, Laviano A, Norman K, Poulia KA, Ravasco P, Schneider SM, Stanga Z, Weekes CE, Bischoff SC. **ESPEN guidelines on nutritional support for polymorbid internal medicine patients.** *Clin Nutr.* 2017. Epub 2017/08/15. IF 4.5

Kutz A, Struja T, Hausfater P, Amin D, Amin A, Haubitz S, Bernard M, Huber A, Mueller B, Schuetz P, group Ts. **The association of admission hyperglycaemia and adverse clinical outcome in medical emergencies: the multinational, prospective, observational TRIAGE study.** *Diabet Med.* 2017;34(7):973-82. Epub 2017/02/07. IF 3.1

Meier MA, Ottiger M, Vogeli A, Steuer C, Bernasconi L, Thomann R, Christ-Crain M, Henzen C, Hoess C, Zimmerli W, Huber A, Mueller B, Schuetz P: **Activation of the tryptophan/serotonin pathway is associated with severity and predicts outcomes in pneumonia: results of a long-term cohort study.** *Clinical chemistry and laboratory medicine* 2017, 55(7):1060-1069. IF 3.4

Meier MA, Ottiger M, Vogeli A, Steuer C, Bernasconi L, Thomann R, Christ-Crain M, Henzen C, Hoess C, Zimmerli W, Huber A, Mueller B, Schuetz P. **Activation of the Serotonin Pathway is Associated with Poor Outcome in COPD Exacerbation: Results of a Long-Term Cohort Study.** *Lung.* 2017;195(3):303-11. Epub 2017/04/24. IF 1.9

Nickler M, Ottiger M, Steuer C, Kutz A, Christ-Crain M, Zimmerli W, Thomann R, Hoess C, Henzen C, Bernasconi L, Huber A, Mueller B, Schuetz P, Pro HSG. **Time-dependent association of glucocorticoids with adverse outcome in community-acquired pneumonia: a 6-year prospective cohort study.** *Crit Care.* 2017;21(1):72. Epub 2017/03/25. IF 5.4

Nigro N, Winzeler B, Suter-Widmer I, Schuetz P, Arici B, Bally M, Blum CA, Nickel CH, Bingisser R, Bock A, Huber A, Muller B, Christ-Crain M. **Evaluation of copeptin and commonly used laboratory parameters for the differential diagnosis of profound hyponatraemia in hospitalized patients: ,The Co-MED Study'.** *Clin Endocrinol (Oxf).* 2017;86(3):456-62. Epub 2016/09/23. IF 5.5

Sailer CO, Winzeler B, Nigro N, Suter-Widmer I, Arici B, Bally M, Schuetz P, Mueller B, Christ-Crain M. **Characteristics and outcomes of patients with profound hyponatraemia due to primary polydipsia.** *Clin Endocrinol (Oxf).* 2017;87(5):492-9. Epub 2017/05/31. IF 5.5

Schuetz P. **Food for thought: why does the medical community struggle with research about nutritional therapy in the acute care setting?** *BMC Med.* 2017;15(1):38. Epub 2017/02/25. IF 8.1

Schuetz P, Meier MA, Bally MR, Gomes F, Mueller B. **Industry sponsorship and outcomes of nutrition studies: Is there an association when looking at the trial level?** *Clin Nutr.* 2017;36(2):616-8. Epub 2017/01/09. IF 4.5

Bereich Medizin

Seelig E, Meyer S, Timper K, Nigro N, Bally M, Pernicova I, Schuetz P, Muller B, Korbonits M, Christ-Crain M. **Metformin prevents metabolic side effects during systemic glucocorticoid treatment.** *Eur J Endocrinol.* 2017;176(3):349-58. Epub 2017/01/12. IF 4.1

Struja T, Briner L, Meier A, Kutz A, Mundwiler E, Huber A, Mueller B, Bernasconi L, Schuetz P. **Diagnostic Accuracy of Basal Cortisol Level to Predict Adrenal Insufficiency in Cosyntropin Testing: Results from an Observational Cohort Study with 804 Patients.** *Endocr Pract.* 2017;23(8):949-61. Epub 2017/06/15. IF 2.3

Struja T, Fehlberg H, Kutz A, Guebelin L, Degen C, Mueller B, Schuetz P. **Can we predict relapse in Graves' disease? Results from a systematic review and meta-analysis.** *Eur J Endocrinol.* 2017;176(1):87-97. Epub 2016/10/27. IF 4.1

Struja T, Kaeslin M, Boesiger F, Jutzi R, Imahorn N, Kutz A, Bernasconi L, Mundwiler E, Mueller B, Christ-Crain M, Meienberg F, Ebrahimi F, Henzen C, Fischli S, Kraenzlin M, Meier C, Schuetz P. **External validation of the GREAT score to predict relapse risk in Graves' disease: results from a multicenter, retrospective study with 741 patients.** *Eur J Endocrinol.* 2017;176(4):413-9. Epub 2017/01/20. IF 4.1

Struja T, Kutz A, Fischli S, Meier C, Mueller B, Recher M, Schuetz P. **Is Graves' disease a primary immunodeficiency? New immunological perspectives on an endocrine disease.** *BMC Med.* 2017;15(1):174. Epub 2017/09/26. IF 8.1

Urwyler SA, Schuetz P, Ebrahimi F, Donath MY, Christ-Crain M. **Interleukin-1 Antagonism Decreases Cortisol Levels in Obese Individuals.** *J Clin Endocrinol Metab.* 2017;102(5):1712-8. Epub 2017/03/23. IF 5.5

Gastroenterologie und Hepatologie

Bregenzer A, Conen A, Knuchel J, Friedl A, Eigenmann F, Naf M, Ackle P, Roth M, Fux CA: **Management of hepatitis C in decentralised versus centralised drug substitution programmes and minimally invasive point-of-care tests to close gaps in the HCV cascade.** *Swiss Medical Weekly* 2017, **147**:w14544. IF 1.7

Datta NR, Pestalozzi B, Clavien PA, Siebenhuner A, Puric E, Khan S, Mamot C, Riesterer O, Knuchel J, Reiner CS, Bodis S, members of the HTG: „**HEATPAC**“ - a phase II randomized study of concurrent thermochemoradiotherapy versus chemoradiotherapy alone in locally advanced pancreatic cancer. *Radiation oncology* 2017, **12**(1):183. IF 2.6

Hämatologie und Transfusionsmedizin / Onkologie

Baumgartner A, Bargetzi A, Zueger N, Bargetzi M, Medinger M, Bounoure L, Gomes F, Stanga Z, Mueller B, Schuetz P: **Revisiting nutritional support for allogeneic hematologic stem cell transplantation-a systematic review.** *Bone marrow transplantation* 2017, **52**(4):506-513. IF 3.9

Baumgartner A, Bargetzi M, Bargetzi A, Zueger N, Medinger M, Passweg J, Schanz U, Samaras P, Chalandon Y, Richard C, Limonta A, Wannesson L, Pabst T, Duchosal MA, Hess U, Stanga Z, Mueller B, Schuetz P: **Nutritional support practices in hematopoietic stem cell transplantation centers:** A nationwide comparison. *Nutrition* 2017, **35**:43-50. IF 5.3

Blum V, Heini AD, Novak U, Taleghani BM, Baerlocher GM, Leibundgut K, Seipel K, Banz Y, Bargetzi M, Pabst T: **Hematopoietic stem cell remobilization with vinorelbine and filgrastim in AML.** *Bone marrow transplantation* 2017, **52**(5):786-788. IF 3.9

Bonadies N, Feller A, Rovo A, Ruefer A, Blum S, Gerber B, Stuessi G, Benz R, Cantoni N, Holbro A, Schmidt A, Lehmann T, Wilk CM, Arndt V, Group NW: **Trends of classification, incidence, mortality, and survival of MDS patients in Switzerland between 2001 and 2012.** *Cancer epidemiology* 2017, **46**:85-92. IF 2.3

Burmeister K, Quagliata L, Andreozzi M, Eppenberger-Castori S, Matter MS, Perrina V, Grobholz R, Jochum W, Horber D, Moosmann P, Lehmann F, Koberle D, Ng CK, Piscuoglio S, Tornillo L, Terracciano LM: **Vascular endothelial growth factor A amplification in colorectal cancer is associated with reduced M1 and M2 macrophages and diminished PD-1-expressing lymphocytes.** *PloS one* 2017, **12**(4):e0175563. IF 2.8

Datta NR, Pestalozzi B, Clavien PA, Siebenhuner A, Puric E, Khan S, Mamot C, Riesterer O, Knuchel J, Reiner CS, Bodis S, members of the HTG: „**HEATPAC**“ - a phase II randomized study of concurrent thermochemoradiotherapy versus chemoradiotherapy alone in locally advanced pancreatic cancer. *Radiation oncology* 2017, **12**(1):183. IF 2.6

Gossi F, Spahn M, Zweifel M, Panagiotis S, Mischo A, Stenner F, Hess U, Berthold D, Bargetzi M, Schardt J, Pabst T: **Comparison of three or fewer high-dose chemotherapy cycles as salvage treatment in germ cell tumors in first relapse.** *Bone marrow transplantation* 2017, **52**(2):334-336. IF 3.9

Bereich Medizin

Juskevicius D, Jucker D, Klingbiel D, Mamot C, Dirnhofer S, Tzankov A: **Mutations of CREBBP and SOCS1 are independent prognostic factors in diffuse large B cell lymphoma: mutational analysis of the SAKK 38/07 prospective clinical trial cohort.** *Journal of hematology & oncology* 2017, **10**(1):70. IF 4.1

Kingston C, Medlinger M, Banderet-Uglioni F, Bassetti S, Bargetzi M, Haubitz S, Fux CA, Battig V, Goldenberger D, Passweg J, Heizmann M: **Fungemia and necrotic lymph node infection with Sporopachydermia cereana in a patient with acute myeloid leukemia.** *International journal of infectious diseases : IJID : official publication of the International Society for Infectious Diseases* 2017, **61**:103-106. IF 2.5

Maul JT, Stenner-Liewen F, Seifert B, Pfrommer S, Petrausch U, Kiessling MK, Schanz U, Nair G, Mischo A, Taverna C, Schmidt A, Bargetzi M, Stupp R, Renner C, Samaras P: **Efficacious and save use of biosimilar filgrastim for hematopoietic progenitor cell chemo-mobilization with vinorelbine in multiple myeloma patients.** *Journal of clinical apheresis* 2017, **32**(1):21-26. IF 1.8

Mey UJ, Brugger W, Schwarb H, Pederiva S, Schwarzer A, Dechow T, Jehner P, Rauh J, Taverna CJ, Schmid M, Schmidt-Hieber M, Doerfel S, Fischer N, Ruefer A, Ziske C, Knauf W, Cathomas R, von Moos R, Hitz F, Sauter R, Hiendlmeyer E, Cantoni N, Bargetzi M, Driessen C: **Bendamustine, lenalidomide and dexamethasone (BRd) has high activity as 2(nd) -line therapy for relapsed and refractory multiple myeloma - a phase II trial.** *British journal of haematology* 2017, **176**(5):770-782. IF 3.9

Pagani O, Klingbiel D, Ruhstaller T, Nole F, Eppenberger S, Oehlschlegel C, Bernhard J, Brauchli P, Hess D, Mamot C, Munzone E, Pestalozzi B, Rabaglio M, Aebi S, Ribi K, Rochlitz C, Rothgiesser K, Thurlimann B, von Moos R, Zaman K, Goldhirsch A, Swiss Group for Clinical Cancer R: **Do all patients with advanced HER2 positive breast cancer need upfront-chemo when receiving trastuzumab? Randomized phase III trial SAKK 22/99.** *Annals of oncology : official journal of the European Society for Medical Oncology* 2017, **28**(2):305-312. IF 3.9

Roelcke U, Berberat J, Mamot C, Remonda L: **Diffusivity changes in bevacizumab-responding and -refractory meningioma.** *Neuroradiology* 2017, **59**(11):1059-1061. IF 2.1

Ruefer A, Bapst C, Benz R, Bremerich J, Cantoni N, Infantil L, Samii K, Schmid M, Vallee JP: **Role of liver magnetic resonance imaging in hyperferritinæmia and the diagnosis of iron overload.** *Swiss Medical Weekly* 2017, **147**:w14550. IF 1.7

Samaras P, Rutti MF, Seifert B, Bachmann H, Schanz U, Eisenring M, Renner C, Muller AM, Schmidt A, Mischo A, Fuchs I, Bargetzi M, Manz MG, Stupp R, Petrausch U, Stenner-Liewen F: **Mobilization of Hematopoietic Progenitor Cells with Standard or Reduced Dose Filgrastim after Vinorelbine in Multiple Myeloma Patients. a Randomized Prospective Single Center Phase II Study.** *Biology of blood and marrow transplantation : journal of the American Society for Blood and Marrow Transplantation* 2017. IF 4.7

Schnegg-Kaufmann A, Feller A, Baldomero H, Rovo A, Manz MG, Gregor M, Efthymiou A, Bargetzi M, Hess U, Spertini O, Chalandon Y, Passweg JR, Stussi G, Arndt V, Bonadies N, Group NW: **Improvement of relative survival in elderly patients with acute myeloid leukaemia emerging from population-based cancer registries in Switzerland between 2001 and 2013.** *Cancer epidemiology* 2017, **52**:55-62. IF 2.3

Van Den Neste E, Schmitz N, Mounier N, Gill D, Linch D, Trneny M, Bouadballah R, Radford J, Bargetzi M, Ribrag V, Duhrsen U, Ma D, Briere J, Thieblemont C, Bachy E, Moskowitz CH, Glass B, Gisselbrecht C: **Outcomes of diffuse large B-cell lymphoma patients relapsing after autologous stem cell transplantation: an analysis of patients included in the CORAL study.** *Bone marrow transplantation* 2017, **52**(2):216-221. IF 3.9

Voegeli M, Rondeau S, Berardi Vilei S, Lerch E, Wannesson L, Pabst T, Rentschler J, Bargetzi M, Jost L, Ketterer N, Bischof Delaloye A, Ghielmini M: **Y(90) -Ibritumomab tiuxetan (Y(90) -IT) and high-dose melphalan as conditioning regimen before autologous stem cell transplantation for elderly patients with lymphoma in relapse or resistant to chemotherapy: a feasibility trial (SAKK 37/05).** *Hematological oncology* 2017, **35**(4):576-583. IF 3.1

Infektiologie und Spitalhygiene

Bayard C, Ledengerber B, Flepp M, Lecompte T, Moulin E, Hoffmann M, Weber R, Staehelin C, Di Benedetto C, Fux CA, Tarr PE, Hasse B, Swiss HIVCS: **Associations Between Antiretroviral Treatment and Avascular Bone Necrosis: The Swiss HIV Cohort Study.** *Open forum infectious diseases* 2017, **4**(4):ofx177.

Bregenzer A, Conen A, Knuchel J, Friedl A, Eigenmann F, Naf M, Ackle P, Roth M, Fux CA: **Management of hepatitis C in decentralised versus centralised drug substitution programmes and minimally invasive point-of-care tests to close gaps in the HCV cascade.** *Swiss Medical Weekly* 2017, **147**:w14544. IF 1.7

Bereich Medizin

Conen A, Fux CA, Vajkoczy P, Trampuz A: **Management of infections associated with neurosurgical implanted devices.** *Expert review of anti-infective therapy* 2017, **15**(3):241-255. IF 3.1

Damonti L, Erard V, Garbino J, Schrenzel J, Zimmerli S, Muhlethaler K, Imhof A, Zbinden R, Fehr J, Boggian K, Bruderer T, Fluckiger U, Frei R, Orasch C, Conen A, Khanna N, Bregenzer T, Bille J, Lamoth F, Marchetti O, Bochud PY, Fungal Infection Network of S: **Catheter retention as a consequence rather than a cause of unfavorable outcome in candidemia.** *Intensive care medicine* 2017, **43**(6):935-939. IF 12.0

Gebreselassie HM, Kraus D, Fux CA, Haubitz S, Scherrer A, Hatz C, Veit O, Stoeckle M, Fehr J, de Lucia S, Cavassini M, Bernasconi E, Schmid P, Furrer H, Staehelin C, Swiss HIVCS: **Ethnicity predicts viral rebound after travel to the tropics in HIV-infected travelers to the tropics in the Swiss HIV Cohort Study.** *HIV medicine* 2017, **18**(8):564-572. IF 3.3

Gueler A, Moser A, Calmy A, Gunthard HF, Bernasconi E, Furrer H, Fux CA, Battegay M, Cavassini M, Vernazza P, Zwahlen M, Egger M, Swiss HIV Cohort Study SNC: **Life expectancy in HIV-positive persons in Switzerland: matched comparison with general population.** *Aids* 2017, **31**(3):427-436. IF 5.0

Haller S, Kolzer V, Fux CA, Glaser C, Cathomas G: **[Lower right abdominal pain in a young woman : An ordinary appendicitis].** *Der Chirurg; Zeitschrift fur alle Gebiete der operativen Medizen* 2017, **88**(2):155-157. IF 0.6

Kingston C, Medinger M, Banderet-Uglioni F, Bassetti S, Bargetzi M, Haubitz S, Fux CA, Battig V, Goldenberger D, Passweg J, Heizmann M: **Fungemia and necrotic lymph node infection with Sporopachydermia cereana in a patient with acute myeloid leukemia.** *International journal of infectious diseases : IJID : official publication of the International Society for Infectious Diseases* 2017, **61**:103-106. IF 2.5

Ryom L, Mocroft A, Kirk O, Reiss P, Ross M, Smith C, Moranne O, Morlat P, Fux CA, Sabin C, Phillips A, Law M, Lundgren JD, group DADs: **Predictors of estimated glomerular filtration rate progression, stabilization or improvement after chronic renal impairment in HIV-positive individuals.** *Aids* 2017, **31**(9):1261-1270. IF 5.0

Ryom L, Mocroft A, Kirk O, Reiss P, Ross M, Smith C, Moranne O, Morlat P, Fux CA, Sabin C, Phillips A, Law M, Lundgren JD, group DADs: **Predictors of eGFR progression, stabilisation or improvement after chronic renal impairment in HIV-positive individuals.** *Aids* 2017. IF 5.0

Turk T, Bachmann N, Kadelka C, Boni J, Yerly S, Aubert V, Klimkait T, Battegay M, Bernasconi E, Calmy A, Cavassini M, Furrer H, Hoffmann M, Gunthard HF, Kouyos RD, Swiss HIVCS, Aubert V, Battegay M, Bernasconi E, Boni J, Braun DL, Bucher HC, Calmy A, Cavassini M, Ciuffi A, Dollenmaier G, Egger M, Elzi L, Fehr J, Fellay J, Furrer H, Fux CA, Gunthard HF, Haerry D, Hasse B, Hirsch HH, Hoffmann M, Hosli I, Kahlert C, Kaiser L, Keiser O, Klimkait T, Kouyos RD, Kovari H, Ledergerber B, Martinetti G, Martinez de Tejada B, Marzolini C, Metzner KJ, Muller N, Nicca D, Pantaleo G, Paioni P, Rauch A, Rudin C, Scherrer AU, Schmid P, Speck R, Stockle M, Tarr P, Trkola A, Vernazza P, Wandeler G, Weber R, Yerly S: **Assessing the danger of self-sustained HIV epidemics in heterosexuals by population based phylogenetic cluster analysis.** *eLife* 2017, **6**. IF 7.7

Weber WP, Mujagic E, Zwahlen M, Bundi M, Hoffmann H, Soysal SD, Kraljevic M, Delko T, von Strauss M, Iselin L, Da Silva RXS, Zeindler J, Rosenthal R, Misteli H, Kindler C, Muller P, Saccilotto R, Lugli AK, Kaufmann M, Gurke L, von Holzen U, Oertli D, Bucheli-Laffer E, Landin J, Widmer AF, Fux CA, Marti WR: **Timing of surgical antimicrobial prophylaxis: a phase 3 randomised controlled trial.** *The Lancet Infectious diseases* 2017, **17**(6):605-614. IF 19.9

Medizinische Intensivstation

Blum CA, Schneeberger D, Lang M, Rakic J, Michot MP, Muller B: **Acute-Onset Panhypopituitarism Nearly Missed by Initial Cosyntropin Testing.** *Case reports in critical care* 2017, **2017**:7931438.

Kardiologie (Herzzentrum Aargau)

Gstrein C, Meyer M, Anabitarte P: **Iron substitution in the treatment of chronic heart failure.** *Swiss Medical Weekly* 2017, **100**:w14453. IF 1.7

Nephrologie, Dialyse und Transplantation

Desai T, Conjeevaram A, Taco O, Nair S, Sridharan S, Claure-Del Granado R, Neuen BL, Penmatsa KR, Basu G, Buchkremer F, Lopez-Almaraz E, Amare FA, Parada X, Vargas MC, Paunic Z, Iannuzzella F, Langote A, Madariaga H, Rodriguez Ramirez S, Bek SG, Orantes C, Chapagain A, Aggarwal G, Trivedi M, Sethi SK: **The birth of @ISNeducation.** *Kidney international* 2017, **92**(5):1024-1028. IF 8.4

Bereich Medizin

Kitterer D, Bieger D, Segerer S, Braun N, Alscher MD, Latus J: **Alteration of membrane complement regulators is associated with transporter status in patients on peritoneal dialysis.** *PLoS one* 2017, **12**(5):e0177487. IF 2.8

Macdougall IC, Bock AH, Carrera F, Eckardt KU, Gaillard C, Van Wyck D, Meier Y, Larroque S, Roger SD, investigators F-CS: **Renal function in patients with non-dialysis chronic kidney disease receiving intravenous ferric carboxymaltose: an analysis of the randomized FIND-CKD trial.** *BMC nephrology* 2017, **18**(1):24. IF 2.3

Roger SD, Gaillard CA, Bock AH, Carrera F, Eckardt KU, Van Wyck DB, Cronin M, Meier Y, Larroque S, Macdougall IC, Investigators F-CS: **Safety of intravenous ferric carboxymaltose versus oral iron in patients with nondialysis-dependent CKD: an analysis of the 1-year FIND-CKD trial.** *Nephrology, dialysis, transplantation : official publication of the European Dialysis and Transplant Association - European Renal Association* 2017, **32**(9):1530-1539. IF 4.5

Seeger H, Latus J, Kitterer D, Alscher MD, Bieger D, Chen J, Edelhofer I, Wuthrich RP, Segerer S: **CD147 expression in peritoneal injury.** *Clinical and experimental nephrology* 2017. IF 1.8

Seleznik GM, Reding T, Peter L, Gupta A, Steiner SG, Sonda S, Verbeke CS, Dejardin E, Khatkov I, Segerer S, Heikenwalder M, Graf R: **Development of autoimmune pancreatitis is independent of CDKN1A/p21-mediated pancreatic inflammation.** *Gut* 2017. IF 16.7

Nigro N, Winzeler B, Suter-Widmer I, Schuetz P, Arici B, Bally M, Blum CA, Nickel CH, Bingisser R, Bock A, Huber A, Muller B, Christ-Crain M: **Evaluation of copeptin and commonly used laboratory parameters for the differential diagnosis of profound hyponatraemia in hospitalized patients: 'The Co-MED Study'.** *Clinical endocrinology* 2017, **86**(3):456-462. IF 5.5

Pronai W, Rosenkranz AR, Bock A, Klauser-Braun R, Jager C, Pendl G, Hemetsberger M, Lhotta K: **Management of secondary hyperparathyroidism: practice patterns and outcomes of cinacalcet treatment with or without active vitamin D in Austria and Switzerland - the observational TRANSIT Study.** *Wiener klinische Wochenschrift* 2017, **129**(9-10):317-328. IF 1.0

Pneumologie und Schlafmedizin

Boerner B, Tini GM, Fachinger P, Gruber SM, Irani S: **Significant improvement of olfactory performance in sleep apnea patients after three months of nasal CPAP therapy - Observational study and randomized trial.** *PLoS one* 2017, **12**(2):e0171087. IF 2.8

Clarenbach CF, Sievi NA, Haile SR, Brack T, Brutsche MH, Frey M, Irani S, Leuppi JD, Thurnheer R, Kohler M: **Determinants of annual change in physical activity in COPD.** *Respirology* 2017, **22**(6):1133-1139. IF 3.3

Sievi NA, Brack T, Brutsche MH, Frey M, Irani S, Leuppi JD, Thurnheer R, Kohler M, Clarenbach CF: **Accelerometer-versus questionnaire-based assessment of physical activity and their changes over time in patients with COPD.** *International journal of chronic obstructive pulmonary disease* 2017, **12**:1113-1118. IF 3.2

Klinik für Rheumatologie

Hasler P, Gabay C: **Rheumatoid arthritis: from basic findings and clinical manifestations to future therapies.** *Seminars in immunopathology* 2017, **39**(4):339-341. IF 5.3

Kowal-Bielecka O, Fransen J, Avouac J, Becker M, Kulak A, Allanore Y, Distler O, Clements P, Cutolo M, Czirjak L, Damjanov N, Del Galdo F, Denton CP, Distler JHW, Foeldvari I, Figelstone K, Frerix M, Furst DE, Guiducci S, Hunzelmann N, Khanna D, Matucci-Cerinic M, Herrick AL, van den Hoogen F, van Laar JM, Riemekasten G, Silver R, Smith V, Sulli A, Tarner I, Tyndall A, Welling J, Wigley F, Valentini G, Walker UA, Zulian F, Muller-Ladner U: **Update of EULAR recommendations for the treatment of systemic sclerosis.** *Annals of the rheumatic diseases* 2017, **76**(8):1327-1339. IF 12.8

Stoikou M, Grimolizzi F, Giaglis S, Schafer G, van Breda SV, Hoesli IM, Lapaire O, Huhn EA, Hasler P, Rossi SW, Hahn S: **Gestational Diabetes Mellitus Is Associated with Altered Neutrophil Activity.** *Frontiers in immunology* 2017, **8**:702. IF 6.4

Klinik für Neurologie

Blum CA, Winzeler B, Nigro N, Schuetz P, Biethahn S, Kahles T, Mueller C, Timper K, Haaf K, Tepperberg J, Amort M, Huber A, Bingisser R, Sandor PS, Nedeltchev K, Muller B, Katan M, Christ-Crain M: **Copeptin for risk stratification in non-traumatic headache in the emergency setting: a prospective multicenter observational cohort study.** *The journal of headache and pain* 2017, **18**(1):21. IF 3.6

Bereich Medizin

Delcourt C, Sato S, Zhang S, Sandset EC, Zheng D, Chen X, Hackett ML, Arima H, Hata J, Heeley E, Al-Shahi Salman R, Robinson T, Davies L, Lavados PM, Lindley RI, Stafp C, Chalmers J, Anderson CS: **Intracerebral hemorrhage location and outcome among INTERACT2 participants.** *Neurology* 2017, **88**(15):1408-1414. IF 7.6

Gschwind M, Seeck M: **Transcranial direct-current stimulation as treatment in epilepsy.** *Expert review of neurotherapeutics* 2016, **16**(12):1427-1441. IF 3.1

Hlavica M, Berberat J, Ineichen BV, Anon J, Diepers M, Nedeltchev K, Kahles T, Remonda L: **Emergent vs. elective stenting of carotid stenosis with intraluminal carotid thrombus.** *Journal of neuroradiology Journal de neuroradiologie* 2017, **44**(4):254-261. IF 2.5

Kubel S, Stegmayer K, Vanbellingen T, Pastore-Wapp M, Bertschi M, Burgunder JM, Abela E, Weder B, Walther S, Bohlhalter S: **Altered praxis network underlying limb kinetic apraxia in Parkinson's disease - an fMRI study.** *NeuroImage Clinical* 2017, **16**:88-97. IF 4.3

Legast GM, Lascano AM, Gschwind M, Schnider A, Nicastro N: **Guillain-Barré and Miller Fisher Overlap Syndrome Mimicking Alimentary Botulism.** *Journal of Clinical Neurology (Seoul, Korea)* 2017, **13**(4):442-443. IF 2.6

Oechslin MS, Gschwind M, James CE: **Tracking Training-Related Plasticity by Combining fMRI and DTI: The Right Hemisphere Ventral Stream Mediates Musical Syntax Processing.** *Cerebral cortex (New York, NY : 1991)* 2017;1-10. IF 6.6

Seeck M, Gschwind M: **Correction and author's response to comment on: "Modern management of seizures and epilepsy".** *Swiss medical weekly* 2017, **147**:w14414. IF 1.7

Staljanssens W, Strobbe G, Holen RV, Birot G, Gschwind M, Seeck M, Vandenbergh S, Vulliemoz S, van Mierlo P: **Seizure Onset Zone Localization from Ictal High-Density EEG in Refractory Focal Epilepsy.** *Brain topography* 2017, **30**(2):257-271. IF 3.4

van der Ploeg AT, Kruijshaar ME, Toscano A, Laforet P, Angelini C, Lachmann RH, Pascual Pascual SI, Roberts M, Rosler K, Stulnig T, van Doorn PA, Van den Berg PYK, Vissing J, Schoser B: **European consensus for starting and stopping enzyme replacement therapy in adult patients with Pompe disease: a 10-year experience.** *European journal of neurology* 2017, **24**(6):768-e731. IF 4.0

van Mierlo P, Strobbe G, Keereman V, Birot G, Gadeyne S, Gschwind M, Carrette E, Meurs A, Van Roost D, Vonck K, Seeck M, Vulliémoz S, Boon P: **Automated long-term EEG analysis to localize the epileptogenic zone.** *Epilepsia Open* 2017, **2**(3):322-333.

Bereich Chirurgie**Klinik für Chirurgie****Universitäres Zentrum für Gefäßchirurgie Aarau/Basel**

Feer R, Stierli P, Haller C, Cito G: **Transposition of the persistent sciatic artery for lower limb revascularization after resection of an embolizing proximal sciatic artery aneurysm.** *Journal of Vascular Surgery Cases and Innovative Techniques* 2017, **3**(3):139-141.

Gualandro DM, Puelacher C, Lurati Buse G, Llobet GB, Yu PC, Cardozo FA, Glarner N, Zimmerli A, Espinola J, Corbiere S, Calderaro D, Marques AC, Casella IB, de Luccia N, Oliveira MT, Lampart A, Bolliger D, Steiner L, Seeberger M, Kindler C, Osswald S, Gurke L, Caramelli B, Mueller C, network G: **Prediction of major cardiac events after vascular surgery.** *Journal of vascular surgery* 2017, **66**(6):1826-1835 e1821. IF 3.5

Mujagic E, Marti WR, Coslovsky M, Zeindler J, Staubli S, Marti R, Mechera R, Soysal SD, Gurke L, Weber WP: **The role of preoperative blood parameters to predict the risk of surgical site infection.** *American journal of surgery* 2017. IF 2.6

Puelacher C, Lurati Buse G, Seeberger D, Sazgary L, Marbot S, Lampart A, Espinola J, Kindler C, Hammerer A, Seeberger E, Strebel I, Wildi K, Twerenbold R, du Fay de Lavallaz J, Steiner L, Gurke L, Breidthardt T, Rentsch K, Buser A, Gualandro DM, Osswald S, Mueller C: **Perioperative Myocardial Injury After Noncardiac Surgery: Incidence, Mortality, and Characterization.** *Circulation* 2017. IF 19.3

Bereich Chirurgie

Weber WP, Mujagic E, Zwahlen M, Bundi M, Hoffmann H, Soysal SD, Kraljevic M, Delko T, von Strauss M, Iselin L, Da Silva RXS, Zeindler J, Rosenthal R, Misteli H, Kindler C, Muller P, Saccilotto R, Lugli AK, Kaufmann M, Gurke L, von Holzen U, Oertli D, Bucheli-Laffer E, Landin J, Widmer AF, Fux CA, Marti WR: **Timing of surgical antimicrobial prophylaxis: a phase 3 randomised controlled trial.** *The Lancet Infectious diseases* 2017, **17**(6):605-614. IF 19.9

Thoraxchirurgie

Caviezel C, Schuetz P, Gerdes S, Gambazzi F: **Procalcitonin as preoperative marker for surgery in advanced parapneumonic empyema.** *Journal of thoracic disease* 2017, **9**(3):734-741. IF 2.4

Tutic-Horn M, Gambazzi F, Rocco G, Mosimann M, Schneiter D, Opitz I, Martucci N, Hillinger S, Weder W, Jungraithmayr W: **Curative resection for lung cancer in octogenarians is justified.** *Journal of thoracic disease* 2017, **9**(2):296-302 IF 2.4

Traumatologie

Candrian G, Muller A, Dall'Acqua P, Kompatsiari K, Baschera GM, Mica L, Simmen HP, Glaab R, Fandino J, Schwendinger M, Meier C, Ulrich EJ, Johannes S: **Longitudinal study of a NoGo-P3 event-related potential component following mild traumatic brain injury in adults.** *Annals of physical and rehabilitation medicine* 2017. IF 1.3

Dall'Acqua P, Johannes S, Mica L, Simmen HP, Glaab R, Fandino J, Schwendinger M, Meier C, Ulrich EJ, Muller A, Baetschmann H, Jancke L, Hanggi J: **Functional and Structural Network Recovery after Mild Traumatic Brain Injury: A 1-Year Longitudinal Study.** *Frontiers in human neuroscience* 2017, **11**:280. IF 3.2

Dall'Acqua P, Johannes S, Mica L, Simmen HP, Glaab R, Fandino J, Schwendinger M, Meier C, Ulrich EJ, Muller A, Jancke L, Hanggi J: **Prefrontal Cortical Thickening after Mild Traumatic Brain Injury: A One-Year Magnetic Resonance Imaging Study.** *Journal of neurotrauma* 2017. IF 5.2

Hemmeler C, Morell S, Amsler F, Gross T: **Screening for osteoporosis following non-vertebral fractures in patients aged 50 and older independently of gender or level of trauma energy-a Swiss trauma center approach.** *Archives of osteoporosis* 2017, **12**(1):38. IF 2.0

Henkelmann R, Frosch KH, Glaab R, Lill H, Schoepp C, Seybold D, Josten C, Hepp P, Committee TotAGASfA, Joint S: **Infection following fractures of the proximal tibia - a systematic review of incidence and outcome.** *BMC musculoskeletal disorders* 2017, **18**(1):481 IF 1.7

Maul JT, Stenner-Liewen F, Seifert B, Pfrommer S, Petrusch U, Kiessling MK, Schanz U, Nair G, Mischo A, Taverna C, Schmidt A, Bargetzi M, Stupp R, Renner C, Samaras P: **Efficacious and save use of biosimilar filgrastim for hematopoietic progenitor cell chemo-mobilization with vinorelbine in multiple myeloma patients.** *Journal of clinical apheresis* 2017, **32**(1):21-26. IF 1.8

Morell S, Hemmeler C, Amsler F, Gross T: **Adherence to osteoporosis pharmacotherapy one year after osteoporotic fracture - a Swiss trauma center secondary prevention project.** *Swiss Medical Weekly* 2017, **147**:w14451. IF 1.7

Samaras P, Rutti MF, Seifert B, Bachmann H, Schanz U, Eisenring M, Renner C, Muller AM, Schmidt A, Mischo A, Fuchs I, Bargetzi M, Manz MG, Stupp R, Petrusch U, Stenner-Liewen F: **Mobilization of Hematopoietic Progenitor Cells with Standard or Reduced Dose Filgrastim after Vinorelbine in Multiple Myeloma Patients. a Randomized Prospective Single Center Phase II Study.** *Biology of blood and marrow transplantation : journal of the American Society for Blood and Marrow Transplantation* 2017. IF 4.7

Viszeralchirurgie

Bogoevska V, Wolters-Eisfeld G, Hofmann BT, El Gammal AT, Mercanoglu B, Gebauer F, Vashist YK, Bogoevski D, Perez D, Gagliani N, Izicki JR, Bockhorn M, Gungor C: **HRG/HER2/HER3 signaling promotes AhR-mediated Memo-1 expression and migration in colorectal cancer.** *Oncogene* 2017, **36**(17):2394-2404. IF 7.5

Bereich Chirurgie

Campa D, Pastore M, Capurso G, Hackert T, Di Leo M, Izbicki JR, Khaw KT, Gioffreda D, Kupcinskas J, Pasquali C, Macingga P, Kaaks R, Stigliano S, Peeters PH, Key TJ, Talar-Wojnarowska R, Vodicka P, Valente R, Vashist YK, Salvia R, Papaconstantinou I, Shimizu Y, Valsuani C, Zambon CF, Gazouli M, Valantiene I, Niesen W, Mohelnikova-Duchonova B, Hara K, Soucek P, Malecka-Panas E, Bueno-De-Mesquita HB, Johnson T, Brenner H, Tavano F, Fogar P, Ito H, Sperti C, Butterbach K, Latiano A, Andriulli A, Cavestro GM, Busch ORC, Dijk F, Greenhalf W, Matsuo K, Lombardo C, Strobel O, Konig AK, Cuk K, Strothmann H, Katzke V, Cantore M, Mambrini A, Oliverius M, Pezzilli R, Landi S, Canzian F: **Do pancreatic cancer and chronic pancreatitis share the same genetic risk factors? A PANcreatic Disease ReseArch (PANDoRA) consortium investigation.** *International journal of cancer* 2017, IF 6.5

Ghadban T, Dibbern JL, Reeh M, Miro JT, Tsui TY, Wellner U, Izbicki JR, Gungor C, Vashist YK: **HSP90 is a promising target in gemcitabine and 5-fluorouracil resistant pancreatic cancer.** *Apoptosis : an international journal on programmed cell death* 2017, **22**(3):369-380. IF 3.8

Lorenz A, Nebiker CA: **Hepatic Echinococcosis.** *Journal of gastrointestinal surgery : official journal of the Society for Surgery of the Alimentary Tract* 2017, **21**(8):1361-1362. IF 3.0

Mills L, Drymousis P, Vashist Y, Burdelski C, Prachalias A, Srinivasan P, Menon K, Cotoi C, Khan S, Cave J, Armstrong T, Weickert MO, Izbicki J, Schrader J, Frilling A, Ramage JK, Srirajaskanthan R: **Tumour diameter is not reliable for management of non-secreting pancreatic neuroendocrine tumours.** *Endocrine connections* 2017, **6**(8):876-885. IF 2.5

Reeh M, Ghadban T, Dedow J, Vettorazzi E, Uzunoglu FG, Nentwich M, Kluge S, Izbicki JR, Vashist YK: **Allogenic Blood Transfusion is Associated with Poor Perioperative and Long-Term Outcome in Esophageal Cancer.** *World journal of surgery* 2017, **41**(1):208-215. IF 2.5

Reeh M, Ghadban T, Uzunoglu FG, Nentwich MF, Bockhorn M, Pantel K, Izbicki JR, Vashist YK: **Hamburg-Glasgow classification: preoperative staging by combination of disseminated tumour load and systemic inflammation in oesophageal carcinoma.** *British journal of cancer* 2017, **117**(5):612-618. IF 3.7

Staubli SM, Oertli D, Nebiker CA: **Assessing the severity of acute pancreatitis (ASAP) in Switzerland: A nationwide survey on severity assessment in daily clinical practice.** *Pancreatology : official journal of the International Association of Pancreatologists (IAP) [et al]* 2017, **17**(3):356-363. IF 2.7

Wiles R, Thoeni RF, Barbu ST, Vashist YK, Rafaelsen SR, Dewhurst C, Arvanitakis M, Lahaye M, Soltes M, Perinel J, Roberts SA: **Management and follow-up of gallbladder polyps : Joint guidelines between the European Society of Gastrointestinal and Abdominal Radiology (ESGAR), European Association for Endoscopic Surgery and other Interventional Techniques (EAES), International Society of Digestive Surgery - European Federation (EFISDS) and European Society of Gastrointestinal Endoscopy (ESGE).** *European radiology* 2017, **27**(9):3856-3866. IF 4.0

Augenklinik

Berberat J, Montali M, Gruber P, Pircher A, Hlavica M, Wang F, Killer HP, Remonda L: **Modulation of the Emotional Response to Viewing Strabismic Children in Mothers-Measured by fMRI.** *Clinical neuroradiology* 2017. IF 2.6

Boye D, Montali M, Miller NR, Pircher A, Gruber P, Killer HE, Remonda L, Berberat J: **Flow dynamics of cerebrospinal fluid between the intracranial cavity and the subarachnoid space of the optic nerve measured with a diffusion magnetic resonance imaging sequence in patients with normal tension glaucoma.** *Clinical & experimental ophthalmology* 2017. IF 3.0

Danieli L, Montali M, Remonda L, Killer HE, Colosimo C, Cianfoni A: **Clinically Directed Neuroimaging of Ophthalmoplegia.** *Clinical neuroradiology* 2017. IF 2.6

Killer HE, Pircher A: **Reduced Free Communication of the Subarachnoid Space Within the Optic Canal in the Human.** *American journal of ophthalmology* 2017, **183**:164-165. IF 1.7

Pircher A, Montali M, Berberat J, Remonda L, Killer HE: **Relationship between the optic nerve sheath diameter and lumbar cerebrospinal fluid pressure in patients with normal tension glaucoma.** *Eye* 2017, **31**(9):1365-1372. IF 2.3

Pircher A, Montali M, Berberat J, Remonda L, Killer HE: **The Optic Canal: A Bottleneck for Cerebrospinal Fluid Dynamics in Normal-Tension Glaucoma?** *Frontiers in neurology* 2017, **8**:47. IF 3.6

Pircher A, Remonda L, Weinreb RN, Killer HE: **Translaminar pressure in Caucasian normal tension glaucoma patients.** *Acta ophthalmologica* 2017, **95**(7):e524-e531. IF 3.2

Bereich Chirurgie

Wostyn P, De Groot V, Van Dam D, Audenaert K, De Deyn PP, Killer HE: „**Hypodense Holes**“ and the Ocular Glymphatic System: Author Response: „**Black Holes**“ and the Ocular Glymphatic System. *Investigative ophthalmology & visual science* 2017, **58**(2):1132-1133. IF 2.2

Wostyn P, De Groot V, Van Dam D, Audenaert K, Killer HE, De Deyn PP: **Alzheimer's disease and glaucoma: can glymphatic system dysfunction underlie their comorbidity?** *Acta ophthalmologica* 2017, **95**(3):e244-e245. IF 3.2

Wostyn P, De Groot V, Van Dam D, Audenaert K, Killer HE, De Deyn PP: **Evidence for the existence of a communication between the eye and the brain?** *Acta neurochirurgica* 2017, **159**(8):1413-1414. IF 1.9

Wostyn P, De Groot V, Van Dam D, Audenaert K, Killer HE, De Deyn PP: **The Glymphatic Hypothesis of Glaucoma: A Unifying Concept Incorporating Vascular, Biomechanical, and Biochemical Aspects of the Disease.** *BioMed research international* 2017, **2017**:5123148. IF 2.5

Wostyn P, De Groot V, Van Dam D, Audenaert K, Killer HE, De Deyn PP: **The two faces of the translaminar pressure difference: the biomechanical one and the biochemical one.** *Clinical & experimental optometry* 2017, **100**(1):102-103. IF 1.3

Wostyn P, Killer HE, De Deyn PP: **Glymphatic stasis at the site of the lamina cribrosa as a potential mechanism underlying open-angle glaucoma.** *Clinical & experimental ophthalmology* 2017, **45**(5):539-547. IF 3.0

Wostyn P, Killer HE, De Deyn PP: **Why a One-Way Ticket to Mars May Result in a One-Way Directional Glymphatic Flow to the Eye.** *Journal of neuro-ophthalmology : the official journal of the North American Neuro-Ophthalmology Society* 2017, **37**(4):462-463. IF 2.0

Zeleny TNC, Kohler C, Neutzner A, Killer HE, Meyer P: **Cell-Cell Interaction Proteins (Gap Junctions, Tight Junctions, and Desmosomes) and Water Transporter Aquaporin 4 in Meningothelial Cells of the Human Optic Nerve.** *Frontiers in neurology* 2017, **8**:308. IF 3.6

Klinik für Hand-, Plastische und Chirurgie der peripheren Nerven

Galambos J, Meuli-Simmen C, Schmid R, Steinmann LS, Kempf W: **Diffuse Dermal Angiomatosis of the Breast: A Distinct Entity in the Spectrum of Cutaneous Reactive Angiomatoses - Clinicopathologic Study of Two Cases and Comprehensive Review of the Literature.** *Case reports in dermatology* 2017, **9**(3):194-205.

Klar AS, Biedermann T, Michalak K, Michalczyk T, Meuli-Simmen C, Scherberich A, Meuli M, Reichmann E: **Human Adipose Mesenchymal Cells Inhibit Melanocyte Differentiation and the Pigmentation of Human Skin via Increased Expression of TGF-beta1.** *The Journal of investigative dermatology* 2017, **137**(12):2560-2569. IF 6.3

Klar AS, Biedermann T, Simmen-Meuli C, Reichmann E, Meuli M: **Comparison of in vivo immune responses following transplantation of vascularized and non-vascularized human dermo-epidermal skin substitutes.** *Pediatric surgery international* 2017, **33**(3):377-382. IF 1.2

Klar AS, Michalak-Micka K, Biedermann T, Simmen-Meuli C, Reichmann E, Meuli M: **Characterization of M1 and M2 polarization of macrophages in vascularized human dermo-epidermal skin substitutes in vivo.** *Pediatric surgery international* 2017. IF 1.2

Ly T, Pasternak I, Meuli-Simmen C, Mauler F: **Iatrogenic rerouting of the lateral antebrachial cutaneous nerve during distal biceps tendon repair: a case report.** *JSES Open Access*, **1**(3):139-140.

Meuli M, Meuli-Simmen C, Mazzone L, Tharakan SJ, Zimmermann R, Ochsenbein N, Moehrlen U: **In utero Plastic Surgery in Zurich: Successful Use of Distally Pedicled Random Pattern Transposition Flaps for Definitive Skin Closure during Open Fetal Spina Bifida Repair.** *Fetal diagnosis and therapy* 2017. IF 2.7

Klinik für Hals-, Nasen- und Ohrenkrankheiten, Hals- und Gesichtschirurgie

Broglie MA, Stoeckli SJ, Sauter R, Pasche P, Reinhard A, de Leval L, Huber GF, Pezier TF, Soltermann A, Giger R, Arnold A, Dettmer M, Arnoux A, Muller M, Spreitzer S, Lang F, Lutchmaya M, Stauffer E, Espeli V, Martucci F, Bongiovanni M, Foerbs D, Jochum W: **Impact of human papillomavirus on outcome in patients with oropharyngeal cancer treated with primary surgery.** *Head & neck* 2017, **39**(10):2004-2015. IF 3.4

Klinik für Mund-, Kiefer- und Gesichtschirurgie

Augello M, Rabuffetti A, Ghazal G, Yurtsever H, Leiggner C: **Ameloblastic fibro-odontoma in children. Clinical aspects and review of the literature.** *Oral and Maxillofacial Surgery Cases* 2017, **3**(2):34-41. IF 1.9

Bereich Chirurgie

Buitrago-Téllez C, Kunz C, Audigé L, Cornelius C-P, Prein J, Leiggner C: **Algorithmen der Bildgebung bei Schädelkelettraumata.** *Der MKG-Chirurg* 2017, **10**(2):134-144.

Roehling S, Astasov-Frauenhoffer M, Hauser-Gerspach I, Braissant O, Woelfler H, Waltimo T, Kniha H, Gahlert M: **In Vitro Biofilm Formation on Titanium and Zirconia Implant Surfaces.** *Journal of periodontology* 2017, **88**(3):298-307. IF 3.0

Roehling S, Gahlert M: **Ein- und zweiteilige Keramikimplantate aus Zirkonoxid – die Behandlungsalternative zu Titan.** *Quintessenz* 2017, **68**(12): 1423-1428

Klinik für Neurochirurgie und Hirntumorzentrum

Candrian G, Muller A, Dall'Acqua P, Kompatsiari K, Baschera GM, Mica L, Simmen HP, Glaab R, Fandino J, Schwendinger M, Meier C, Ulrich EJ, Johannes S: **Longitudinal study of a NoGo-P3 event-related potential component following mild traumatic brain injury in adults.** *Annals of physical and rehabilitation medicine* 2017. IF 1.3

Dall'Acqua P, Johannes S, Mica L, Simmen HP, Glaab R, Fandino J, Schwendinger M, Meier C, Ulrich EJ, Muller A, Baetschmann H, Jancke L, Hanggi J: **Functional and Structural Network Recovery after Mild Traumatic Brain Injury: A 1-Year Longitudinal Study.** *Frontiers in human neuroscience* 2017, **11**:280. IF 3.2

Dall'Acqua P, Johannes S, Mica L, Simmen HP, Glaab R, Fandino J, Schwendinger M, Meier C, Ulrich EJ, Muller A, Jancke L, Hanggi J: **Prefrontal Cortical Thickening after Mild Traumatic Brain Injury: A One-Year Magnetic Resonance Imaging Study.** *Journal of neurotrauma* 2017. IF 5.2

Hutterer M, Ebner Y, Riemschneider MJ, Willuweit A, McCoy M, Egger B, Schroder M, Wendl C, Hellwig D, Grosse J, Menhart K, Proescholdt M, Fritsch B, Urbach H, Stockhammer G, Roelcke U, Galldiks N, Meyer PT, Langen KJ, Hau P, Trinka E: **Epileptic Activity Increases Cerebral Amino Acid Transport Assessed by 18F-Fluoroethyl-L-Tyrosine Amino Acid PET: A Potential Brain Tumor Mimic.** *Journal of nuclear medicine : official publication, Society of Nuclear Medicine* 2017, **58**(1):129-137. IF 6.6

Kamenova M, Nezvati E, Lutz K, Dolp A, Fandino J, Mariani L, Soleman J: **Burr-Hole Drainage for Chronic Subdural Hematoma Under Low-Dose Acetylsalicylic Acid: A Comparative Risk Analysis Study.** *World neurosurgery* 2017, **100**:594-600. IF 2.6

Maldaner N, Burkhardt JK, Stienen MN, Goldberg J, Bervini D, Bijlenga P, Croci D, Zumofen D, D'Alonzo D, Marbacher S, Maduri R, Daniel RT, Serra C, Esposito G, Neidert MC, Bozinov O, Regli L: **Decision-making and neurosurgeons' agreement in the management of aneurysmal subarachnoid haemorrhage based on computed tomography angiography.** *Acta neurochirurgica* 2017. IF 1.9

Maldaner N, Stienen MN, Bijlenga P, Croci D, Zumofen DW, Dalonzo D, Marbacher S, Maduri R, Daniel RT, Serra C, Esposito G, Neidert MC, Bozinov O, Regli L, Burkhardt JK: **Interrater Agreement in the Radiologic Characterization of Ruptured Intracranial Aneurysms Based on Computed Tomography Angiography.** *World neurosurgery* 2017, **103**:876-882 e871. IF 2.6

Marbacher S, Niemela M, Hernesniemi J, Frosen J: **Recurrence of endovascularly and microsurgically treated intracranial aneurysms-review of the putative role of aneurysm wall biology.** *Neurosurgical review* 2017. IF 2.1

Marbacher S: **Can Quality Improvement Tools Overcome the Translational Roadblock-the Vital Influence of the Researcher.** *Translational stroke research* 2017, **8**(3):203-205. IF 4.5

Nevzati E, Berberat J, Soleman J, Coluccia D, Muroi C, Schopf S, Lukes A, Fischer I, Remonda L, Fandino J, Marbacher S: **Magnetic Resonance Imaging Signal Characteristics of Medishield: Early Postoperative Profile in a Rabbit Interlaminotomy Model.** *World neurosurgery* 2017, **98**:704-710 e703. IF 2.6

Nevzati E, Fandino J, Schatlo B, Heimberg M, Marbacher S, Remonda L, Fathi AR: **Validation and accuracy of intraoperative CT scan using the Philips AlluraXper FD20 angiography suite for assessment of spinal instrumentation.** *British journal of neurosurgery* 2017;1-6. IF 1.1

Nevzati E, Rey J, Coluccia D, D'Alonzo D, Gruter B, Remonda L, Fandino J, Marbacher S: **Biodegradable Magnesium Stent Treatment of Saccular Aneurysms in a Rat Model - Introduction of the Surgical Technique.** *Journal of visualized experiments : JoVE* 2017(128). IF 1.2

Roelcke U, Berberat J, Mamot C, Remonda L: **Diffusivity changes in bevacizumab-responding and -refractory meningioma.** *Neuroradiology* 2017, **59**(11):1059-1061. IF 2.1

Bereich Chirurgie

Roethlisberger M, Achermann R, Bawarjan S, Stienen MN, Fung C, Dalonzo D, Maldaner N, Ferrari A, Corniola MV, Schoni D, Valsecchi D, Maduri R, Seule MA, Burkhardt JK, Marbacher S, Bijlenga P, Blackham KA, Bucher HC, Mariani L, Guzman R, Zumofen DW, Swiss SOSG: **Predictors for Occurrence and Anatomical Distribution of Multiple Aneurysms in Patients with Aneurysmal Subarachnoid Hemorrhage.** *World neurosurgery* 2017, IF 2.6

Soleman J, Kamenova M, Lutz K, Guzman R, Fandino J, Mariani L: **Drain Insertion in Chronic Subdural Hematoma: An International Survey of Practice.** *World neurosurgery* 2017, **104**:528-536. IF 2.6

Spiessberger A, Baumann F, Nevezati E, Kothbauer KF, Fandino J, Muroi C: **Minimally invasive medial supraorbital, combined subfrontal-interhemispheric approach to the anterior communicating artery complex-a cadaveric study.** *Acta neurochirurgica* 2017, **159**(6):1079-1085. IF 1.9

Wanderer S, Mrosek J, Vatter H, Seifert V, Konczalla J: **Crosstalk between the angiotensin and endothelin system in the cerebrovasculature after experimental induced subarachnoid hemorrhage.** *Neurosurgical review* 2017. IF 2.1

Zhang JH, Zucarello M, Marbacher S, Chen G, Chen S: **Translational Hemorrhagic Stroke: Physiology, Pharmaceutical Drugs, and Management.** *BioMed research international* 2017, **2017**:3248010. IF 2.5

Orthopädie-Zentrum KSA-KSB

Haefeli M, Schenkel M, Schumacher R, Eid K: **Corrective Osteotomy for Symptomatic Clavicle Malunion Using Patient-specific Osteotomy and Reduction Guides.** *Techniques in hand & upper extremity surgery* 2017, **21**(3):91-100.

Jentzsch T, Hasler A, Renner N, Peterhans M, Sutter R, Espinosa N, Wirth SH: **The V sign in lateral talar process fractures: an experimental study using a foot and ankle model.** *BMC musculoskeletal disorders* 2017, **18**(1):284. IF 1.7

Klinik für Urologie

Briollais L, Ozcelik H, Xu J, Kwiatkowski M, Lalonde E, Sendorek DH, Fleshner NE, Recker F, Kuk C, Olkhov-Mitsel E, Savas S, Hanna S, Juvet T, Hunter GA, Friedlander M, Li H, Chadwick K, Prassas I, Soosaipillai A, Randazzo M, Trachtenberg J, Toi A, Shiah YJ, Fraser M, van der Kwast T, Bristow RG, Bapat B, Diamandis EP, Boutros PC, Zlotta AR: **Germline Mutations in the Kallikrein 6 Region and Predisposition for Aggressive Prostate Cancer.** *Journal of the National Cancer Institute* 2017, **109**(4). IF 12.6

de Koning HJ, Gulati R, Moss SM, Hugosson J, Pinsky PF, Berg CD, Auvinen A, Andriole GL, Roobol MJ, Crawford ED, Nelen V, Kwiatkowski M, Zappa M, Lujan M, Villers A, de Carvalho TM, Feuer EJ, Tsodikov A, Mariotto AB, Heijnsdijk EAM, Etzioni R: **The efficacy of prostate-specific antigen screening: Impact of key components in the ERSPC and PLCO trials.** *Cancer* 2017 IF 6.1

Heijnsdijk EAM, Bangma CH, Borras JM, de Carvalho TM, Castells X, Eklund M, Espinas JA, Graefen M, Gronberg H, Lansdorp-Vogelaar I, Leeuwen PJV, Nelen V, Recker F, Roobol MJ, Vandebulcke P, de Koning HJ: **Summary statement on screening for prostate cancer in Europe.** *International journal of cancer* 2017. IF 6.5

Tsodikov A, Gulati R, Heijnsdijk EAM, Pinsky PF, Moss SM, Qiu S, de Carvalho TM, Hugosson J, Berg CD, Auvinen A, Andriole GL, Roobol MJ, Crawford ED, Nelen V, Kwiatkowski M, Zappa M, Lujan M, Villers A, Feuer EJ, de Koning HJ, Mariotto AB, Etzioni R: **Reconciling the Effects of Screening on Prostate Cancer Mortality in the ERSPC and PLCO Trials.** *Annals of internal medicine* 2017, **167**(7):449-455. IF 17.2

Walter SD, de Koning HJ, Hugosson J, Talala K, Roobol MJ, Carlsson S, Zappa M, Nelen V, Kwiatkowski M, Paez A, Moss S, Auvinen A, Committees ECoD: **Impact of cause of death adjudication on the results of the European prostate cancer screening trial.** *British journal of cancer* 2017, **116**(1):141-148. IF 6.2

Bereich Frauen und Kinder**Frauenklinik**

Huttner A, Hatz C, van den Dobbelsteen G, Abbanat D, Hornacek A, Frolich R, Dreyer AM, Martin P, Davies T, Fae K, van den Nieuwenhof I, Thoelen S, de Valliere S, Kuhn A, Bernasconi E, Viereck V, Kavvadias T, Kling K, Ryu G, Hulder T, Groger S, Scheiner D, Alaimo C, Harbarth S, Poolman J, Fonck VG: **Safety, immunogenicity, and preliminary clinical efficacy of a vaccine against extraintestinal pathogenic Escherichia coli in women with a history of recurrent urinary tract infection: a randomised, single-blind, placebo-controlled phase 1b trial.** *The Lancet Infectious diseases* 2017, **17**(5):528-537. IF 19.9

Bereich Frauen und Kinder

van Dam PA, Tomatis M, Marotti L, Heil J, Mansel RE, Rosselli Del Turco M, van Dam PJ, Casella D, Bassani LG, Danei M, Denk A, Egle D, Emons G, Friedrichs K, Harbeck N, Kiechle M, Kimmig R, Koehler U, Kuemmel S, Maass N, Mayr C, Prove A, Rageth C, Regolo L, Lorenz-Salehi F, Sarlos D, Singer C, Sohn C, Staelens G, Tinterri C, Audisio R, Ponti A, eusoma DBWG: **Time trends (2006-2015) of quality indicators in EUSOMA-certified breast centres.** *European journal of cancer* 2017, **85**:15-22. IF 6.0

Klinik für Kinder und Jugendliche

Kieninger E, Yammie S, Korten I, Anagnostopoulou P, Singer F, Frey U, Mornand A, Zanolari M, Rochat I, Trachsel D, Mueller-

Suter D, Moeller A, Casaulta C, Latzin P, and the S, and Bsg: **Elevated lung clearance index in infants with cystic fibrosis shortly after birth.** *The European respiratory journal* 2017, **50**(5). IF 10.6

Schmidt S, Hafner P, Klein A, Rubino-Nacht D, Gocheva V, Schroeder J, Naduvilekoot Devasia A, Zuesli S, Bernert G, Laugel V, Bloetzer C, Steinlin M, Capone A, Gloor M, Tobler P, Haas T, Bieri O, Zumbrunn T, Fischer D, Bonati U: **Timed function tests, motor function measure, and quantitative thigh muscle MRI in ambulant children with Duchenne muscular dystrophy: A cross-sectional analysis.** *Neuromuscular disorders : NMD* 2017. IF 3.0

Wangmo T, De Clercq E, Ruhe KM, Beck-Popovic M, Rischewski J, Angst R, Ansari M, Elger BS: **Better to know than to imagine: Including children in their health care.** *AJOB empirical bioethics* 2017, **8**(1):11-20.

Bereich Perioperative Medizin**Klinik für Anästhesie**

Gualandro DM, Puelacher C, LuratiBuse G, Llobet GB, Yu PC, Cardozo FA, Glarner N, Zimmerli A, Espinola J, Corbiere S, Calderaro D, Marques AC, Casella IB, de Luccia N, Oliveira MT, Lampart A, Bolliger D, Steiner L, Seeberger M, Kindler C, Osswald S, Gurke L, Caramelli B, Mueller C, network G: **Prediction of major cardiac events after vascular surgery.** *Journal of vascular surgery* 2017;66:1826-35 IF 3.5

Luethy A, Boghosian JD, Srikantha R, Cotten JF: **Halogenated Ether, Alcohol, and Alkane Anesthetics Activate TASK-3 Tandem Pore Potassium Channels Likely through a Common Mechanism.** *Molecular pharmacology* 2017, **91**(6):620-629. IF 3.9

Weber WP, Mujagic E, Zwahlen M, Bundi M, Hoffmann H, Soysal SD, Kraljevic M, Delko T, von Strauss M, Iselin L, Da Silva RXS, Zeindler J, Rosenthal R, Misteli H, Kindler C, Muller P, Saccilotto R, Lugli AK, Kaufmann M, Gurke L, von Holzen U, Oertli D, Bucheli-Laffer E, Landin J, Widmer AF, Fux CA, Marti WR: **Timing of surgical antimicrobial prophylaxis: a phase 3 randomised controlled trial.** *The Lancet Infectious diseases* 2017, **17**(6):605-614. IF 19.9

Bereich Zentrale Medizinische Dienste**Institut für Labormedizin**

Aeberhard C, Steuer C, Sixer C, Huber A, Stanga Z, Muhlebach S: **Physicochemical stability and compatibility testing of levetiracetam in all-in-one parenteral nutrition admixtures in daily practice.** *European journal of pharmaceutical sciences : official journal of the European Federation for Pharmaceutical Sciences* 2017, **96**:449-455. IF 3.8

Bernasconi L, Potzl T, Steuer C, Dellweg A, Metternich F, Huber AR: **Retrospective validation of a beta-trace protein interpretation algorithm for the diagnosis of cerebrospinal fluid leakage.** *Clinical chemistry and laboratory medicine* 2017, **55**(4):554-560. IF 3.4

Blum CA, Winzeler B, Nigro N, Schuetz P, Biethahn S, Kahles T, Mueller C, Timper K, Haaf K, Tepperberg J, Amort M, Huber A, Bingisser R, Sandor PS, Nedeltchev K, Muller B, Katan M, Christ-Crain M: **Copeptin for risk stratification in non-traumatic headache in the emergency setting: a prospective multicenter observational cohort study.** *The journal of headache and pain* 2017, **18**(1):21. IF 3.6

Brunner-Agten S, von Kanel T, Rothlisberger B, Broquet C, Huber AR: **Hb Bakersfield (HBA1: c.151_152insGGAGCC): The Insertion of Arg-His Between Codons 49 and 50 of the alpha1-Globin Chain Leads to Increased Oxygen Affinity.** *Hemoglobin* 2017, **41**(1):1-5. IF 0.8

Bereich Zentrale Medizinische Dienste

Capoluongo E, Ellison G, Lopez-Guerrero JA, Penault-Llorca F, Ligtenberg MJL, Banerjee S, Singer C, Friedman E, Markefka B, Schirmacher P, Buttner R, van Asperen CJ, Ray-Coquard I, Endris V, Kamel-Reid S, Percival N, Bryce J, Rothlisberger B, Soong R, de Castro DG: **Guidance Statement On BRCA1/2 Tumor Testing in Ovarian Cancer Patients.** *Seminars in oncology* 2017, **44**(3):187-197. IF 6.2

Ellison G, Ahdesmaki M, Luke S, Waring PM, Wallace A, Wright R, Rothlisberger B, Ludin K, Merkelbach-Bruse S, Heydt C, Ligtenberg MJL, Mensenkamp AR, de Castro DG, Jones T, Vivancos A, Kondrashova O, Pauwels P, Weyn C, Hahnen E, Hauke J, Soong R, Lai Z, Dougherty B, Carr TH, Johnson J, Mills J, Barrett JC: **An evaluation of the challenges to developing tumor BRCA1 and BRCA2 testing methodologies for clinical practice.** *Human mutation* 2017. IF 4.6

Fischli S, von Wyk V, Trummler M, Konrad D, Wueest S, Ruefer A, Heering K, Streuli R, Steuer C, Bernasconi L, Recher M, Henzen C: **Iron metabolism in patients with Graves' hyperthyroidism.** *Clinical endocrinology* 2017, **87**(5):609-616. IF 3.3

Glier H, Heijnen I, Hauwel M, Dirks J, Quarroz S, Lehmann T, Rovo A, Arn K, Matthes T, Hogan C, Keller P, Dudkiewicz E, Stussi G, Fernandez P, Swiss Cytometry S: **Standardization of 8-color flow cytometry across different flow cytometer instruments: A feasibility study in clinical laboratories in Switzerland.** *Journal of immunological methods* 2017. IF 2.1

Gurtler N, Rothlisberger B, Ludin K, Schlegel C, Lalwani AK: **The Application of Next-Generation Sequencing for Mutation Detection in Autosomal-Dominant Hereditary Hearing Impairment.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology* 2017, **38**(6):900-903. IF 2.2

Halfinger B, Hammerer-Lercher A, Amplatz B, Sarg B, Kremser L, Lindner HH: **Unraveling the Molecular Complexity of O-Glycosylated Endogenous (N-Terminal) pro-B-Type Natriuretic Peptide Forms in Blood Plasma of Patients with Severe Heart Failure.** *Clinical chemistry* 2017, **63**(1):359-368. IF 3.4

Hensel M, Gradel L, Kutz A, Haubitz S, Huber A, Mueller B, Schuetz P, Hugle T: **Peripheral monocytosis as a predictive factor for adverse outcome in the emergency department: Survey based on a register study.** *Medicine* 2017, **96**(28):e7404. IF 1.8

Kutz A, Struja T, Hausfater P, Amin D, Amin A, Haubitz S, Bernard M, Huber A, Mueller B, Schuetz P, group Ts: **The association of admission hyperglycaemia and adverse clinical outcome in medical emergencies: the multinational, prospective, observational TRIAGE study.** *Diabetic medicine : a journal of the British Diabetic Association* 2017, **34**(7):973-982. IF 3.1

Lhermitte L, Mejstrikova E, van der Sluijs-Gelling AJ, Grigore GE, Sedek L, Bras AE, Gaipa G, da Costa ES, Novakova M, Sonneveld E, Buracchi C, de Sa Bacelar T, Te Marvelde JG, Trinquand A, Asnafi V, Szczepanski T, Matarraz S, Lopez A, Vidriales B, Bulsa J, Hrusak O, Kalina T, Lcrevisse Q, Ayuso MM, Bruggemann M, Verde J, Fernandez P, Burgos L, Paiva B, Pedreira CE, van Dongen JJM, Orfa A, van der Velden VHJ: **Automated database-guided expert-supervised orientation for immunophenotypic diagnosis and classification of acute leukemia.** *Leukemia* 2017. IF 11.7

Meier MA, Ottiger M, Vogeli A, Steuer C, Bernasconi L, Thomann R, Christ-Crain M, Henzen C, Hoess C, Zimmerli W, Huber A, Mueller B, Schuetz P: **Activation of the Serotonin Pathway is Associated with Poor Outcome in COPD Exacerbation: Results of a Long-Term Cohort Study.** *Lung* 2017, **195**(3):303-311. IF 1.9

Meier MA, Ottiger M, Vogeli A, Steuer C, Bernasconi L, Thomann R, Christ-Crain M, Henzen C, Hoess C, Zimmerli W, Huber A, Mueller B, Schuetz P: **Activation of the tryptophan/serotonin pathway is associated with severity and predicts outcomes in pneumonia: results of a long-term cohort study.** *Clinical chemistry and laboratory medicine* 2017, **55**(7):1060-1069. IF 3.4

Nickler M, Ottiger M, Steuer C, Kutz A, Christ-Crain M, Zimmerli W, Thomann R, Hoess C, Henzen C, Bernasconi L, Huber A, Mueller B, Schuetz P, Pro HSG: **Time-dependent association of glucocorticoids with adverse outcome in community-acquired pneumonia: a 6-year prospective cohort study.** *Critical care* 2017, **21**(1):72. IF 5.4

Nigro N, Winzeler B, Suter-Widmer I, Schuetz P, Arici B, Bally M, Blum CA, Nickel CH, Bingisser R, Bock A, Huber A, Muller B, Christ-Crain M: **Evaluation of copeptin and commonly used laboratory parameters for the differential diagnosis of profound hyponatraemia in hospitalized patients: ,The Co-MED Study'.** *Clinical endocrinology* 2017, **86**(3):456-462. IF 3.3

Bereich Zentrale Medizinische Dienste

Novakova M, Glier H, Brdickova N, Vlkova M, Santos AH, Lima M, Roussel M, Flores-Montero J, Szczepanski T, Bottcher S, van der Velden VHJ, Fernandez P, Mejstrikova E, Burgos L, Paiva B, van Dongen JJM, Orfao A, Kalina T: **How to make usage of the standardized EuroFlow 8-color protocols possible for instruments of different manufacturers.** *Journal of immunological methods* 2017, IF 2.1

Sager R, Wirz Y, Amin D, Amin A, Hausfater P, Huber A, Haubitz S, Kutz A, Mueller B, Schuetz P: **Are admission procalcitonin levels universal mortality predictors across different medical emergency patient populations? Results from the multi-national, prospective, observational TRIAGE study.** *Clinical chemistry and laboratory medicine* 2017, **55**(12):1873-1880. IF 3.4

Schuetz P, Bretscher C, Bernasconi L, Mueller B: **Overview of procalcitonin assays and procalcitonin-guided protocols for the management of patients with infections and sepsis.** *Expert review of molecular diagnostics* 2017, **17**(6):593-601. IF 3.1

Struja T, Briner L, Meier A, Kutz A, Mundwiler E, Huber A, Mueller B, Bernasconi L, Schuetz P: **Diagnostic Accuracy of Basal Cortisol Level to Predict Adrenal Insufficiency in Cosyntropin Testing: Results from an Observational Cohort Study with 804 Patients.** *Endocrine practice : official journal of the American College of Endocrinology and the American Association of Clinical Endocrinologists* 2017, **23**(8):949-961. IF 2.3

Struja T, Kaeslin M, Boesiger F, Jutzi R, Imahorn N, Kutz A, Bernasconi L, Mundwiler E, Mueller B, Christ-Crain M, Meienberg F, Ebrahimi F, Henzen C, Fischli S, Kraenzlin M, Meier C, Schuetz P: **External validation of the GREAT score to predict relapse risk in Graves' disease: results from a multicenter, retrospective study with 741 patients.** *European journal of endocrinology* 2017, **176**(4):413-419. IF 4.1

Vogeli A, Ottiger M, Meier MA, Steuer C, Bernasconi L, Huber A, Christ-Crain M, Henzen C, Hoess C, Thomann R, Zimmerli W, Mueller B, Schuetz P: **Asymmetric Dimethylarginine Predicts Long-Term Outcome in Patients with Acute Exacerbation of Chronic Obstructive Pulmonary Disease.** *Lung* 2017, **195**(6):717-727. IF 1.9

Vogeli A, Ottiger M, Meier MA, Steuer C, Bernasconi L, Kulkarni P, Huber A, Christ-Crain M, Henzen C, Hoess C, Thomann R, Zimmerli W, Mueller B, Schuetz P: **Admission levels of asymmetric and symmetric dimethylarginine predict long-term outcome in patients with community-acquired pneumonia.** *Respiratory research* 2017, **18**(1):25. IF 3.8

Institut für Pathologie

Broglie MA, Stoeckli SJ, Sauter R, Pasche P, Reinhard A, de Leval L, Huber GF, Pezier TF, Soltermann A, Giger R, Arnold A, Dettmer M, Arnoux A, Muller M, Spreitzer S, Lang F, Lutchmaya M, Stauffer E, Espeli V, Martucci F, Bongiovanni M, Foerbs D, Jochum W: **Impact of human papillomavirus on outcome in patients with oropharyngeal cancer treated with primary surgery.** *Head & neck* 2017, **39**(10):2004-2015. IF 3.4

Burmeister K, Quagliata L, Andreozzi M, Eppenberger-Castori S, Matter MS, Perrina V, Grobholz R, Jochum W, Horber D, Moosmann P, Lehmann F, Koberle D, Ng CK, Piscuoglio S, Tornillo L, Terracciano LM: **Vascular endothelial growth factor A amplification in colorectal cancer is associated with reduced M1 and M2 macrophages and diminished PD-1-expressing lymphocytes.** *PloS one* 2017, **12**(4):e0175563. IF 2.8

Datta NR, Pestalozzi B, Clavien PA, Siebenhuner A, Puric E, Khan S, Mamot C, Riesterer O, Knuchel J, Reiner CS, Bodis S, members of the HTG: **„HEATPAC“ - a phase II randomized study of concurrent thermochemoradiotherapy versus chemoradiotherapy alone in locally advanced pancreatic cancer.** *Radiation oncology* 2017, **12**(1):183. IF 2.6

Diebold M, Soltermann A, Hottinger S, Haile SR, Bubendorf L, Komminoth P, Jochum W, Grobholz R, Theegarten D, Berezowska S, Darwiche K, Oezkan F, Kohler M, Franzen DP: **Prognostic value of MIB-1 proliferation index in solitary fibrous tumors of the pleura implemented in a new score - a multicenter study.** *Respiratory research* 2017, **18**(1):210. IF 3.8

Grobholz R: **Prostatakarzinom - von der konventionellen zur molekularen Diagnostik.** *Therapeutische Umschau* 2017, **74**(4):165-170. IF 0.2

Muller DC, Ramo M, Naegele K, Ribi S, Wetterauer C, Perrina V, Quagliata L, Vlajnic T, Ruiz C, Balitzki B, Grobholz R, Gosert R, Ajuh ET, Hirsch HH, Bubendorf L, Rentsch CA: **Donor-derived, metastatic urothelial cancer after kidney-transplantation associated with a potentially oncogenic BK polyomavirus.** *The Journal of pathology* 2017. IF 6.9

Bereich Zentrale Medizinische Dienste

Institut für Radiologie

Barth BK, De Visschere PJL, Cornelius A, Nicolau C, Vargas HA, Eberli D, Donati OF: **Detection of Clinically Significant Prostate Cancer: Short Dual-Pulse Sequence versus Standard Multiparametric MR Imaging-A Multireader Study.** *Radiology* 2017, **284**(3):725-736. IF 5.1.

Becker AS, Cornelius A, Reiner CS, Stocker D, Ulbrich EJ, Barth BK, Mortezavi A, Eberli D, Donati OF: **Direct comparison of PI-RADS version 2 and version 1 regarding interreader agreement and diagnostic accuracy for the detection of clinically significant prostate cancer.** *European journal of radiology* 2017, **94**:58-63. IF 2.5

Benz MR, Szucs-Farkas Z, Froehlich JM, Stadelmann G, Bongartz G, Bouwman L, Schindera ST: **Scan time adapted contrast agent injection protocols with low volume for low-tube voltage CT angiography: An in vitro study.** *European journal of radiology* 2017, **93**:65-69. IF 2.5

Datta NR, Pestalozzi B, Clavien PA, Siebenhuner A, Puric E, Khan S, Mamot C, Riesterer O, Knuchel J, Reiner CS, Bodis S, members of the HTG: „**HEATPAC**“ - a phase II randomized study of concurrent thermochemoradiotherapy versus chemoradiotherapy alone in locally advanced pancreatic cancer. *Radiation oncology* 2017, **12**(1):183. IF 2.6

Davis T, Ramaiah V, Niazi K, Martin Gissler H, Crabtree T: **Safety and effectiveness of the Phoenix Atherectomy System in lower extremity arteries: Early and midterm outcomes from the prospective multicenter EASE study.** *Vascular* 2017, **25**(6):563-575. IF 0.7

Euler A, Stieltjes B, Szucs-Farkas Z, Eichenberger R, Reisinger C, Hirschmann A, Zaehringer C, Kircher A, Streif M, Bucher S, Buergler D, D'Errico L, Kopp S, Wilhelm M, Schindera ST: **Impact of model-based iterative reconstruction on low-contrast lesion detection and image quality in abdominal CT: a 12-reader-based comparative phantom study with filtered back projection at different tube voltages.** *European radiology* 2017, **27**(12):5252-5259.

Euler A, Stieltjes B, Szucs-Farkas Z, Eichenberger R, Reisinger C, Hirschmann A, Zaehringer C, Kircher A, Streif M, Bucher S, Buergler D, D'Errico L, Kopp S, Wilhelm M, Schindera ST: **Erratum to: Impact of model-based iterative reconstruction on low-contrast lesion detection and image quality in abdominal CT: a 12-reader-based comparative phantom study with filtered back projection at different tube voltages.** *European radiology* 2017, **27**(12):5260. IF 4.0

Gerdes S, Hollmann P, Curti G, von Strauss und Torney M: **Wenn das Pankreas im Thorax liegt.** *Schweiz Med Forum* 2017;17(11):269–271

Krankenberg H, Zeller T, Ingwersen M, Schmalstieg J, Gissler HM, Nikol S, Baumgartner I, Diehm N, Nickling E, Müller-Hulsbeck S, Schmiedel R, Torsello G, Hochholzer W, Stelzner C, Brechtel K, Ito W, Kickuth R, Blessing E, Thieme M, Nakonieczny J, Nolte T, Gareis R, Boden H, Sixt S: **Self-Expanding Versus Balloon-Expandable Stents for Iliac Artery Occlusive Disease: The Randomized ICE Trial.** *JACC Cardiovascular interventions* 2017, **10**(16):1694-1704. IF 8.8

Lee JJ, Schindera ST, Jang HJ, Fung S, Kim TK: **Cholangiocarcinoma and its mimickers in primary sclerosing cholangitis.** *Abdominal radiology* 2017. IF 1.8

Parakh A, Euler A, Szucs-Farkas Z, Schindera ST: **Trans-Atlantic Comparison of CT Radiation Doses in the Era of Radiation Dose-Tracking Software.** *AJR American journal of roentgenology* 2017, **209**(6):1302-1307.

Schindera ST, Zaehringer C, D'Errico L, Schwartz F, Kekelidze M, Szucs-Farkas Z, Benz MR: **Systematic radiation dose optimization of abdominal dual-energy CT on a second-generation dual-source CT scanner: assessment of the accuracy of iodine uptake measurement and image quality in an in vitro and in vivo investigations.** *Abdominal radiology* 2017. IF 1.8

Tozakidou M, Reisinger C, Harder D, Lieb J, Szucs-Farkas Z, Muller-Gerbl M, Studler U, Schindera S, Hirschmann A: **Systematic Radiation Dose Reduction in Cervical Spine CT of Human Cadaveric Specimens: How Low Can We Go?** *AJNR American journal of neuroradiology* 2017. IF 3.6

Neuroradiologie

Berberat J, Montali M, Gruber P, Pircher A, Hlavica M, Wang F, Killer HP, Remonda L: **Modulation of the Emotional Response to Viewing Strabismic Children in Mothers-Measured by fMRI.** *Clinical neuroradiology* 2017. IF 2.6

Boye D, Montali M, Miller NR, Pircher A, Gruber P, Killer HE, Remonda L, Berberat J: **Flow dynamics of cerebrospinal fluid between the intracranial cavity and the subarachnoid space of the optic nerve measured with a diffusion magnetic resonance imaging sequence in patients with normal tension glaucoma.** *Clinical & experimental ophthalmology* 2017. IF 3.0

Bereich Zentrale Medizinische Dienste

Danieli L, Montali M, Remonda L, Killer HE, Colosimo C, Cianfoni A: **Clinically Directed Neuroimaging of Ophthalmoplegia.** *Clinical neuroradiology* 2017. IF 2.6

Hlavica M, Berberat J, Ineichen BV, Anon J, Diepers M, Nedeltchev K, Kahles T, Remonda L: **Emergent vs. elective stenting of carotid stenosis with intraluminal carotid thrombus.** *Journal of neuroradiology Journal de neuroradiologie* 2017, **44**(4):254-261. IF 2.5

Nevzati E, Berberat J, Soleman J, Coluccia D, Muroi C, Schopf S, Lukes A, Fischer I, Remonda L, Fandino J, Marbacher S: **Magnetic Resonance Imaging Signal Characteristics of Medishield: Early Postoperative Profile in a Rabbit Interlaminotomy Model.** *World neurosurgery* 2017, **98**:704-710 e703. IF 2.6

Nevzati E, Fandino J, Schatlo B, Heimberg M, Marbacher S, Remonda L, Fathi AR: **Validation and accuracy of intraoperative CT scan using the Philips AlluraXper FD20 angiography suite for assessment of spinal instrumentation.** *British journal of neurosurgery* 2017:1-6. IF 1.1

Nevzati E, Rey J, Coluccia D, D'Alonzo D, Gruter B, Remonda L, Fandino J, Marbacher S: **Biodegradable Magnesium Stent Treatment of Saccular Aneurysms in a Rat Model - Introduction of the Surgical Technique.** *Journal of visualized experiments : JoVE* 2017(128). IF 1.2

Pircher A, Montali M, Berberat J, Remonda L, Killer HE: **Relationship between the optic nerve sheath diameter and lumbar cerebrospinal fluid pressure in patients with normal tension glaucoma.** *Eye* 2017, **31**(9):1365-1372. IF 2.3

Pircher A, Montali M, Berberat J, Remonda L, Killer HE: **The Optic Canal: A Bottleneck for Cerebrospinal Fluid Dynamics in Normal-Tension Glaucoma?** *Frontiers in neurology* 2017, **8**:47. IF 3.6

Pircher A, Remonda L, Weinreb RN, Killer HE: **Translaminar pressure in Caucasian normal tension glaucoma patients.** *Acta ophthalmologica* 2017, **95**(7):e524-e531. IF 3.2

Roelcke U, Berberat J, Mamot C, Remonda L: **Diffusivity changes in bevacizumab-responding and -refractory meningioma.** *Neuroradiology* 2017. IF 2.1

Tschugg A, Diepers M, Simone S, Michnacs F, Quirbach S, Strowitzki M, Meisel HJ, Thome C: **A prospective randomized multicenter phase I/II clinical trial to evaluate safety and efficacy of NOVOCART disk plus autologous disk chondrocyte transplantation in the treatment of nucleotomized and degenerative lumbar disks to avoid secondary disease: safety results of Phase I-a short report.** *Neurosurgical review* 2017, **40**(1):155-162. IF 2.1

Tschugg A, Diepers M, Steinert S, Michnacs F, Quirbach S, Strowitzki M, Meisel HJ, Thome C: **Erratum to: A prospective randomized multicenter phase I/II clinical trial to evaluate safety and efficacy of NOVOCART disk plus autologous disk chondrocyte transplantation in the treatment of nucleotomized and degenerative lumbar disks to avoid secondary disease: safety results of Phase I-a short report.** *Neurosurgical review* 2017, **40**(1):177. IF 2.1

Nuklearmedizin und PET-Zentrum

Du Y, Carrio I, De Vincentis G, Fanti S, Ilhan H, Mommsen C, Nitzsche E, Sundram F, Vogel W, Oyen W, Lewington V: **Practical recommendations for radium-223 treatment of metastatic castration-resistant prostate cancer.** *European journal of nuclear medicine and molecular imaging* 2017, **44**(10):1671-1678. IF 7.3

Radio-Onkologie-Zentrum KSA-KSB

Dal Pra A, Panje C, Zilli T, Arnold W, Brouwer K, Garcia H, Glatzer M, Gomez S, Herrera F, Kaouthar K et al: **Salvage radiotherapy for macroscopic local recurrences after radical prostatectomy : A national survey on patterns of practice.** *Strahlenther Onkol* 2017. IF 2.7

Datta NR, Pestalozzi B, Clavien PA, Siebenhuner A, Puric E, Khan S, Mamot C, Riesterer O, Knuchel J, Reiner CS, Bodis S, members of the HTG: **„HEATPAC“ - a phase II randomized study of concurrent thermochemoradiotherapy versus chemoradiotherapy alone in locally advanced pancreatic cancer.** *Radiation oncology* 2017, **12**(1):183. IF 2.6

Datta NR, Stutz E, Liu M, Rogers S, Klingbiel D, Siebenhuner A, Singh S, Bodis S: **Concurrent chemoradiotherapy vs. radiotherapy alone in locally advanced cervix cancer: A systematic review and meta-analysis.** *Gynecol Oncol* 2017, **145**(2):374-385. IF 5.0

Datta NR, Stutz E, Susanne R, Bodis S: **Conventional versus hypofractionated radiotherapy in localized or locally advanced prostate cancer: A systematic review and meta-analysis along with therapeutic implications.** *Int J Radiat Oncol Biol Phys* 2017, **99**(3):573-589. IF 5.1

Bereich Zentrale Medizinische Dienste

Dobsicek Trefna H, Crezee J, Schmidt M, Marder D, Lamprecht U, Ehmann M, Nadobny J, Hartmann J, Lomax N, Abdel-Rahman S et al: **Quality assurance guidelines for superficial hyperthermia clinical trials : II. Technical requirements for heating devices.** *Strahlenther Onkol* 2017, **193**(5):351-366. IF 2.7

Dressel S, Gosselin MC, Capstick MH, Carrasco E, Weyland MS, Scheidegger S, Neufeld E, Kuster N, Bodis S, Rohrer Bley C: **Novel hyperthermia applicator system allows adaptive treatment planning: Preliminary clinical results in tumour-bearing animals.** *Vet Comp Oncol* 2017. IF 1.8

Ghadjar P, Hayoz S, Genitsch V, Zwahlen DR, Holscher T, Gut P, Guckenberger M, Hildebrandt G, Muller AC, Putora PM, Papachristofilou A, Stalder L, Biaggi-Rudolf C, Sumila M, Kranzbuhler H, Najafi Y, Ost P, Azinwi NC, Reuter C, Bodis S, Khanfir K, Budach V, Aebersold DM, Thalmann GN, Swiss Group for Clinical Cancer R: **Importance and outcome relevance of central pathology review in prostatectomy specimens: data from the SAKK 09/10 randomized trial on prostate cancer.** *BJU international* 2017, **120**(5B):E45-E51. IF 4.4

Herrmann E, Naehrig D, Sassowsky M, Bigler M, Buijsen J, Ciernik I, Zwahlen D, Pellanda AF, Meister A, Brauchli P, Bevardi S, Kuettel E, Dufour JF, Aebersold DM, Swiss Group for Clinical Cancer R: **External beam radiotherapy for unresectable hepatocellular carcinoma, an international multicenter phase I trial, SAKK 77/07 and SASL 26.** *Radiation oncology* 2017, **12**(1):12. IF 2.6

Rodemann HP, Datta NR, Bodis S: **Molecular radiation biology/oncology and its impact on preclinical and clinical research in radiotherapy.** *Radiother Oncol* 2017, **124**(3):339-343. IF 4.3

Trefna HD, Crezee H, Schmidt M, Marder D, Lamprecht U, Ehmann M, Hartmann J, Nadobny J, Gellermann J, van Holthe N et al: **Quality assurance guidelines for superficial hyperthermia clinical trials: I. Clinical requirements.** *Int J Hyperthermia* 2017;1-12. IF 3.3

Stutz E, Datta NR, Puric E, Bodis S: **Stellenwert der regionären Hyperthermie in der Krebstherapie.** *Schweiz Med Forum* 2017;17(48):1074-1076

van Stam G, Kok HP, Hulshof M, Kolff MW, van Tienhoven G, Sijbrands J, Bakker A, Zum Vorde Sive Vording PJ, Oldenborg S, de Greef M et al: **A flexible 70 MHz phase-controlled double waveguide system for hyperthermia treatment of superficial tumours with deep infiltration.** *Int J Hyperthermia* 2017, **33**(7):796-809. IF 3.3

Zimmermann M, Beer J, Bodis S, von Moos R, Vlachopoulou V, Zwahlen DR, Oehler C: **PET-CT guided SIB-IMRT combined with concurrent 5-FU/MMC for the treatment of anal cancer.** *Acta Oncol* 2017;1-7. IF 3.2

Spitalpharmazie

Huber T, Brinkmann F, Lim S, Schroder C, Stekhoven DJ, Marti WR, Egger RR: **Implementation of an IT-guided checklist to improve the quality of medication history records at hospital admission.** *International journal of clinical pharmacy* 2017, **39**(6):1312-1319. IF 1.6

Zentrum für Notfallmedizin

Notfallzentrum KSA

Burgemeister S, Kutz A, Conca A, Holler T, Haubitz S, Huber A, Buerki U, Mueller B, Schuetz P: **Comparative quality measures of emergency care: an outcome cockpit proposal to survey clinical processes in real life.** *Open access emergency medicine : OAEM* 2017, **9**:97-106. IF 3.9