

Publikationen Klinik für Neurochirurgie Universitätsspital Basel 2017

Peer reviewed articles

1. D'Antico C, Hofer A, Fassl J, Tobler D, *Zumofen D*, Steiner LA, Goette N. **Case Report: Emergency awake craniotomy for cerebral abscess in a patient with unrepaired cyanotic congenital heart disease.** F1000 Research 2017. Impact factor: -

2. *Roethlisberger M*, Achermann R, Bawarjan S, Stienen MN, Fung C, D'alonzo D, Maldaner N, Ferrari A, Corniola MV, Schöni D, Valsecchi D, Maduri R, Seule MA, Burkhardt JK, Marbacher S, Bijlenga P, Blackham KA, Bucher HC, *Mariani L*, *Guzman R*, *Zumofen DW*. **Predictors for Occurrence and Anatomical Distribution of Multiple Aneurysms in Patients with Aneurysmal Subarachnoid Hemorrhage.** World Neurosurgery 2017. Impact factor: 1.924

3. Maldaner N, Burkhardt JK, Stienen MN, Goldberg J, Bervini D, Bijlenga P, Croci D, *Zumofen DW*, 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. Impact factor: 1.929

4. *Zumofen DW*, Guffi T, Epple C, Westermann B, Krähenbühl AK, Zabka S, *Taub E*, Bodmer D, *Mariani L*. **Intended Near-Total Removal of Koos Grade IV Vestibular Schwannomas: Reconsidering the Treatment Paradigm.** Neurosurgery 2017. Impact factor: 4.475

5. Maldaner N, Stienen MN, Bijlenga P, *Croci D*, *Zumofen DW*, D'Alonzo D, Marbacher S, Maduri R, Daniel RT, Serra C, Esposito G, Neidert MC, Bozinov O, Regli L, Burkhardt JK. **Interrater Agreement in the Radiological Characterization of Ruptured Intracranial Aneurysms Based on CT-angiography.** World Neurosurgery 2017. Impact factor: 1.924

6. Potts MB, Shapiro M, *Zumofen DW*, Raz E, Nossek E, DeSousa KG, Beckske T, Riina HA, Nelson PK. **Parent vessel occlusion after Pipeline embolization of cerebral aneurysms of the anterior circulation.** Journal of Neurosurgery 2017. Impact factor: 4.318

7. Gordon SR, Maute RL, Dulken BW, *Hutter G*, George BM, McCracken MN, Gupta R, Tsai JM, Sinha R, Corey D, Ring AM, Connolly AJ, Weissman IL. **PD-1 expression by tumour-associated macrophages inhibits phagocytosis and tumour immunity.** Nature 2017. Impact factor: 41.577

8. Gholamin S, Mitra SS, Feroze AH, Liu J, Kahn SA, Zhang M, Esparza R, Richard C, Ramaswamy V, Remke M, Volkmer AK, Willingham S, Ponnuswami A, McCarty A, Lovelace P, Storm TA, Schubert S, *Hutter G*, Narayanan C, Chu P, Raabe EH, Harsh G 4th, Taylor MD, Monje M, Cho YJ, Majeti R, Volkmer JP, Fisher PG, Grant G, Steinberg GK, Vogel H, Edwards M, Weissman IL, Cheshier SH. **Disrupting the CD47-SIRP α anti-phagocytic axis by a humanized anti-CD47 antibody is an efficacious treatment for malignant pediatric brain tumors.** Sci Transl Med. 2017. Impact factor: 16.710

9. Zanganeh S, Spitler R, *Hutter G*, Ho JQ, Pauliah M, Mahmoudi M. **Tumor-associated macrophages, nanomedicine and imaging: the axis of success in the future of cancer immunotherapy.** Immunotherapy 2017. Impact factor: 3.461

10. *Croci D*, *Kamenova M*, *Guzman R*, *Mariani L*, *Soleman J*. **Novel Oral Anticoagulants (NOACS) in Patients Undergoing Cranial Surgery.** World Neurosurgery 2017. Impact factor: 1.924

11. *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. Impact factor: 1.924

12. *Kamenova M, Nevzati 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. Impact factor: 1.924

13. *Kamenova M, Nevzati 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. Impact factor: 1.924

14. *Soleman J, Roth J, Bartoli A, Rosenthal D, Korn A, Constantini S.* **Syringo-Subarachnoid Shunt for the Treatment of Persistent Syringomyelia Following Decompression for Chiari Type I Malformation: Surgical Results.** *World Neurosurg* 2017. Impact factor: 1.924

15. *Soleman J, Benvenisti H, Constantini S, Roth J.* **Conversion of external ventricular drainage to ventriculo-peritoneal shunt: to change or not to change the proximal catheter?** *Childs Nerv Syst* 2017. Impact factor: 1.235

16. *Bartoli A, Soleman J, Schaller K, Guzman R.* **Surgical Aspects in the Treatment of Pediatric Epilepsy.** *Epileptologie* 2017. Impact factor: -

17. *Stricker S, Datta AN, Soleman J, Guzman R.* **Children with Tumor related Epilepsy: A Surgical Dilemma.** *Epileptologie* 2017. Impact factor: -

18. *Burkhardt JK, Neidert MC, Stienen MN, Schöni D, Fung C, Roethlisberger M, Corniola MV, Bervini D, Maduri R, Valsecchi D, Tok S, Schatlo B, Bijlenga P, Schaller K, Bozinov O, Regli L; Swiss SOS study group.* **Computed tomography angiography spot sign predicts intraprocedural aneurysm rupture in subarachnoid hemorrhage.** *Acta Neurochir (Wien)* 2017. Impact factor: 1.929

19. *Soleman J, Nocera F, Mariani L.* **The conservative and pharmacological management of chronic subdural haematoma.** *Swiss Med Wkly* 2017. Impact factor: 1.928

20. *Soleman J*, Schneider CA, Pfeifle VA, Zimmermann P, *Guzman R*. **Laparoscopic-Assisted Ventriculoperitoneal Shunt Placement in Children Younger Than the Age of 1 Year.** World Neurosurg 2017. Impact factor: 1.924

21. Nevzati E, Berberat J, *Soleman J*, Coluccia D, Muroi C, Schöpf 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 Neurosurg 2017. Impact factor: 1.924

22. Gualtieri F, Brégère C, Laws GC, Armstrong EA, Wylie NJ, Moxham TT, *Guzman R*, Boswell T, Smulders TV. **Effects of Environmental Enrichment on Doublecortin and BDNF Expression along the Dorso-Ventral Axis of the Dentate Gyrus.** Front Neurosci 2017. Impact factor: 4.3

23. Seiffge DJ, Traenka C, Polymeris AA, Thilemann S, Wagner B, Hert L, Müller MD, Gensicke H, Peters N, Nickel CH, Stippich C, Sutter R, Marsch S, Fisch U, *Guzman R*, De Marchis GM, Lyrer PA, Bonati LH, Tsakiris DA, Engelter ST. **Intravenous Thrombolysis in Patients with Stroke Taking Rivaroxaban Using Drug Specific Plasma Levels: Experience with a Standard Operation Procedure in Clinical Practice.** J Stroke 2017. Impact factor: 5.576

24. Brégère C, Fisch U, Sailer MH, Lieb WS, Chicha L, Goepfert F, Kremer T, *Guzman R*. **Neonatal hypoxia-ischemia in rat increases doublecortin concentration in the cerebrospinal fluid.** Eur J Neurosci 2017. Impact factor: 2.832

25. Perez-Bouza A, Di Santo S, Seiler S, Meyer M, Anderegg L, Huber A, *Guzman R*, Widmer HR. **Simultaneous transplantation of fetal ventral mesencephalic tissue and encapsulated genetically modified cells releasing GDNF in a hemi-parkinsonian rat model of Parkinson's disease.** Cell Transplant 2017. Impact factor: 2.885

26. Abbasi H, Beltrán L, Rauter G, *Guzman R*, Cattin PC, Zam A. **Effect of cooling water on ablation in Er:YAG laserosteotome of hard bone.** Proc. of SPIE 2017. Impact factor: 0.37

27. Shah A, Coste J, Lemaire JJ, Schkommodau E, Taub E, *Guzman R*, Derost P, Hemm S. **A novel assistive method for rigidity evaluation during deep brain stimulation surgery using acceleration sensors.** J Neurosurg. 2017. Impact factor: 4.318

28. Seiffge DJ, Traenka C, Polymeris A, Hert L, Fisch U, Peters N, De Marchis GM, *Guzman R*, Nickel CH, Lyrer PA, Bonati LH, Tsakiris D, Engelter S. **Feasibility of rapid measurement of Rivaroxaban plasma levels in patients with acute stroke.** J Thromb Thrombolysis 2017. Impact factor: 2.62

29. Shah A, Coste J, Lemaire JJ, Taub E, Schüpbach WMM, Pollo C, Schkommodau E, *Guzman R*, Hemm-Ode S. **Intraoperative acceleration measurements to quantify improvement in tremor during deep brain stimulation surgery.** Med Biol Eng Comput 2017. Impact factor: 1.971

30. Hadinia A, Meyer A, Bruegger V, Hatz F, Nowak K, *Taub E*, Nyberg E, Stieglitz RD, Fuhr P, Gschwandtner U. **Cognitive Behavioral Group Therapy Reduces Stress and Improves the Quality of Life in Patients with Parkinson's Disease.** Front Psychol 2017. Impact factor: 2.089

31. Jost GF, Walti J, *Mariani L*, Schaeren S, Cattin P. **Inertial Measurement Unit-Assisted Implantation of Thoracic, Lumbar, and Sacral Pedicle Screws Improves Precision of a Freehand Technique.** World Neurosurg 2017. Impact factor: 1.924

32. Tyndall AJ, Reinhardt J, Tronnier V, *Mariani L*, Stippich C. **Presurgical motor, somatosensory and language fMRI: Technical feasibility and limitations in 491 patients over 13years.** Eur Radiol 2017. Impact factor: 4.027