

## Publikationen Klinik für Neurochirurgie Universitätsspital Basel 2015

### Peer reviewed articles

1. Schatlo B, Fung C, Stienen MN, Fathi A, Fandino J, Smoll N, Tok S, Daniel RT, *Zumofen DW*, Burkhard J, Dan-Ura H, Röthlisberger M, Reinert M, Winkler K, Ahlborn P, Mendes-Pereira V, D'Alonzo D, Seule M, Kerkeni H, Bervini D, Sailer M, Kuhlen D, Remonda L, Rohde V, Mostaguir K, Marbacher S, Valsecchi D, Corniola M, Schöni D, Woernle C, Regli L, Levivier M, Hildebrandt G, Mariani L, Beck J, *Guzman R*, Raabe A, Bijlenga P, Keller E, Schaller K. **Incidence, Therapy, and Outcome of Aneurysmal Subarachnoid Hemorrhage. The Swiss Study on Aneurysmal Subarachnoid Hemorrhage (Swiss SOS).** Journal of Neurological Surgery. Part A: Central European Neurosurgery 2015. Impact factor: 0.723

2. *Röthlisberger M, Zumofen D*, Schatlo B, Stienen MN, Sailer M, Fung C, Burkhardt JC, Tok S, D'Alonzo D, Marbacher S, Hiroki D, Dell-Kuster S, Achermann R, Corniola M, Bervini D, Fathi AR, Daniel RT, Hildebrandt G, Regli L, Reinert M, Raabe A, Fandino J, Bijlenga P, Schaller K, Keller E, *Mariani L, Guzman R*. **Clinical and Radiological Characteristics of Aneurysmal Subarachnoid Hemorrhage in Older Adults.** Journal of Neurological Surgery. Part A: Central European Neurosurgery 2015. Impact factor: 0.723

3. Shapiro M, Ollenschleger MD, Baccin C, Becske T, Spiegel GR, Wang Y, Song X, Raz E, *Zumofen DW*, Potts MB, Nelson PK. **Foreign Body Emboli following Cerebrovascular Interventions: Clinical, Radiographic, and Histopathologic Features.** American Journal of Neuroradiology 2015. Impact factor: 3.124

4. Nossek E, *Zumofen D*, Nelson E, Raz E, Potts MB, DesousaKG, Tanweer O, ShapiroM, Becske T, Riina HA. **Use of Pipeline Embolization Devices for treatment of a direct carotid-cavernous fistula.** Acta Neurochirurgica 2015. Impact factor: 1.617

5. *Zumofen DW*, Shapiro M, Becske T, Raz E, Potts MB, Riina HA, Nelson PK. **Endoluminal Reconstruction for Nonsaccular Aneurysms of the Proximal Posterior Cerebral Artery with the Pipeline Embolization Device.** American Journal of Neuroradiology 2015. Impact factor: 3.124

6. Raz E, Shapiro M, Becske T, *Zumofen DW*, Tanweer O, Potts MB, Riina HA, Nelson PK. **Anterior Choroidal Artery Patency and Clinical Follow-Up after Coverage with the Pipeline Embolization Device.** American Journal of Neuroradiology 2015. Impact factor: 3.124

7. Mitra SS, Feroze AH, Gholamin S, Richard C, Esparza R, Zhang M, Azad TD, Alrfaei B, Kahn SA, *Hutter G*, *Guzman R*, Creasey GH, Plant GW, Weissman IL, Edwards MS, Cheshier S. **Neural Placode Tissue Derived From Myelomeningocele Repair Serves as a Viable Source of Oligodendrocyte Progenitor Cells.** Neurosurgery 2015. Impact factor: 3.780

8. *Hutter G*, Hofer S, Tzankov A, Kothbauer KF. **Intracranial Interdigitating Dendritic Cell Sarcoma: First Case Report.** Neurosurgery 2015. Impact factor: 3.780

9. *Leu S*, Valavanis A, Baltsavias G. **Langer-Giedion syndrome associated with congenital dural arterio-venous fistula.** Childs Nerv Syst. 2015. Impact factor: 1.080

10. Gerster-Gilliéron K, Forrer F, Maecke H, Mueller-Brand J, Merlo A, *Cordier D*. **90Y-DOTATOC as a Therapeutic Option for Complex Recurrent or Progressive Meningiomas.** J Nucl Med. 2015. Impact factor: 5.849

11. *Cordier D*, Schädelin S, Duffau H. **Influence of 1p19q status and Ki67 index to predict extent of resection in WHO grade II gliomas: a virtual patient model.** J Neurooncol. 2015. Impact factor: 2.754

12. Garcia M, Gloor M, Bieri O, Radue EW, Lieb JM, *Cordier D*, Stippich C. **Imaging of Primary Brain Tumors and Metastases with Fast Quantitative 3-Dimensional Magnetization Transfer.** J Neuroimaging. 2015. Impact factor: 1.625

13. *Cordier D*, Gozé C, Schädelin S, Rigau V, *Mariani L*, Duffau H. **A better surgical resectability of WHO grade II gliomas is independent of favorable molecular markers.** Neurooncol. 2015. Impact factor: 7.371

14. *Kamenova M, Leu S, Schaeren S, Mariani L, Soleman J. Management of Incidental Dural Tear During Lumbar Spine Surgery. To Suture or Not To Suture?* World Neurosurgery 2015. Impact factor: 2.685

15. Zweifel-Zehnder AE, Stienen MN, Chicherio C, Studerus-Germann A, Bläsi S, Rossi S, Gutbrod K, Schmid N, Beaud V, Mondadori C, Brugger P, Sacco L, Müri R, Hildebrandt G, Fournier JY, Keller E, Regli L, Fandino J, *Mariani L*, Raabe A, Daniel RT, Reinert M, Robert T, Schatlo B, Bijlenga P, Schaller K, Monsch AU; Swiss SOS study group. **Call for uniform neuropsychological assessment after aneurysmal subarachnoid hemorrhage: Swiss recommendations.** Acta Neurochir (Wien) 2015. Impact factor: 1.617

16. *Soleman J, Thieringer F, Beinemann J, Kunz C, Guzman R. Computer-assisted virtual planning and surgical template fabrication for frontoorbital advancement.* Neurosurg Focus 2015. Impact factor: 2.546

17. *Soleman J, Schatlo B, Dan-Ura H, Remonda L, Fandino J, Fathi A-R. Craniotomy without flap replacement for ruptured intracranial aneurysms to reduce ischemic brain injury: a preliminary safety and feasibility analysis.* Acta Neurochir Suppl 2015. Impact factor: 1.617

18. *Soleman J, Schär K, Schatlo B, Remonda L, Fandino J, Fathi A-R. Transforaminal Lumbar Interbody Fusion Using LOOP® PEEK Cage Implants: Safety, Feasibility, Radiographic and Clinical Outcome.* J Spine 2015. Impact factor: -

19. Choudhri O, Lober RM, Camara-Quintana J, Yeom KW, *Guzman R*, Edwards ME. **Application of a Carbon Dioxide Laser in Corpus Callosotomy.** J Neurosurg Pediatr 2015. Impact factor: 1.757

20. Mitra SS, Feroze AH, Gholamin S, Richard C, Esparza R, Zhang M, Azad TD, Alrfaei B, Kahn SA, Hutter G, *Guzman R*, Creasey GH, Plant GW, Weissman IL, Edwards MS, Cheshier S. **Neural Placode Tissue Derived From Myelomeningocele Repair Serves as a Viable Source of Oligodendrocyte Progenitor Cells.** Neurosurgery 2015. Impact factor: 3.780

21. Cozac VV, Schwarz N, Bousleiman H, Chaturvedi M, Ehrensperger MM, Gschwandtner U, Hatz F, Meyer A, Monsch AU, *Taub E*, Fuhr P. **The Verbal Fluency Decline After Deep Brain Stimulation in Parkinson's Disease: Is There an Influence of Age?** *Mov Disord Clin Pract* 2015. Impact factor: 4.17

22. *Taub E*. **Comment on the paper by Grunert et al. entitled 'Remarks upon the term stereotaxy: a linguistic and historical note'.** *Stereotact Funct Neurosurg* 2015. Impact factor: 1.60

23. Giachino C, Boulay JL, Ivanek R, Alvarado A, Tostado C, Lugert S, Tchorz J, Coban M, *Mariani L*, Bettler B, Lathia J, Frank S, Pfister S, Kool M, Taylor V. **A Tumor Suppressor Function for Notch Signaling in Forebrain Tumor Subtypes.** *Cancer Cell* 2015. Impact factor: 23.214

24. Engel DC, Ferrari A, Tasman AJ, Schmid R, Schindel R, Haile SR, *Mariani L*, Fournier JY. **A basic model for training of microscopic and endoscopic transsphenoidal pituitary surgery: the Egghead.** *Acta Neurochir (Wien)* 2015. Impact factor: 1.617

25. Winzeler B, Zweifel C, Nigro N, Arici B, Bally M, Schuetz P, Blum CA, Kelly C, Berkmann S, Huber A, Gentili F, Zadeh G, Landolt H, *Mariani L*, Müller B, Christ-Crain M. **Postoperative Copeptin Concentration Predicts Diabetes Insipidus After Pituitary Surgery.** *J Clin Endocrinol Metab* 2015. Impact factor: 4.03

### **Book chapters:**

1. *Zumofen D*, Pacione DR, Nelson PK, Riina HA. **Comprehensive Management of Distal Anterior Cerebral Artery Aneurysms.** *Neurovascular Surgery*, 2nd edited by Spetzler RF, Yashar M, Kalani S, Nakaji P, 01/2015: chapter 53; Thieme., ISBN: 9781604067590

2. *Zumofen D, Raz E, Shapiro M, Becske T, Nelson PM, Riina HA. Endovascular Treatment of Vertebrobasilar Circulation Aneurysms. Neurovascular Surgery, 2nd edited by Spetzler RF, Yashar M, Kalani S, Nakaji P, 01/2015: chapter 58; Thieme., ISBN: 9781604067590*