

Journal of Neurological Surgery

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1: Vajkoczy P, Thomé C. Re: I am Disappointed [Obituary](#) to [Peter Schmiedek](#). J Neurol Surg A Cent Eur Neurosurg. 2022 Mar;83(2):214-215. doi: 10.1055/s-0041-1742283. Epub 2021 Dec 27. PMID: 35189649.

2: Omer M, Al-Afif S, Machetanz K, Bettag C, Tatagiba M, Rohde V, Krauss JK. Impact of COVID-19 on the Neurosurgical Resident Training Program: an Early Experience. J Neurol Surg A Cent Eur Neurosurg. 2022 Feb 21. doi: 10.1055/s-0042-1743108. Epub ahead of print. PMID: 35189640.

3: Ko HC, Lee SH, Shin HS. Proper Head Rotation when Performing Microvascular Decompression for Hemifacial Spasm: An Orthometric Consideration Based on Preoperative MRI. J Neurol Surg A Cent Eur Neurosurg. 2022 Feb 15. doi: 10.1055/s-0041-1725950. Epub ahead of print. PMID: 35170003.

4: Singh A, Trivedi R, Ahmed N. Therapeutic Strategies in Traumatic Intracranial Hemorrhage and Outcomes. J Neurol Surg A Cent Eur Neurosurg. 2022 Feb 14. doi: 10.1055/s-0041-1741530. Epub ahead of print. PMID: 35158390.

5: Götttsche J, Piffko A, Pantel TF, Westphal M, Flitsch J, Ricklefs FL, Regelsberger J, Dührsen L. Experiences with a 3D4K digital exoscope system (ORBEYE) in a wide range of neurosurgical procedures. J Neurol Surg A Cent Eur Neurosurg. 2022 Feb 10. doi: 10.1055/a-1768-4060. Epub ahead of print. PMID: 35144300.

6: Issa M, Nofal M, Miotik N, Seitz A, Unterberg A, El Damaty A. ShuntScope®-Guided Versus Free Hand Technique for Ventricular Catheter Placement: A Retrospective Comparative Study of Intra-Ventricular Catheter Tip Position and Complication Rate. J Neurol Surg A Cent Eur Neurosurg. 2022 Feb 10. doi: 10.1055/a-1768-3892. Epub ahead of print. PMID: 35144299.

7: Chen L, Gao M, Zhang H, Chen W, Sun K, Xu R. Effect of Optic Canal Opening on Postoperative Visual Acuity in Patients with Tuberculum Sellae Meningiomas. J Neurol Surg A Cent Eur Neurosurg. 2022 Feb 10. doi: 10.1055/a-1768-3553. Epub ahead of print. PMID: 35144298.

8: Beltrame SA, Fasano F, Jalón P. Bilateral Radioscopically-Guided Erector Spinae Plane Block for Postoperative Analgesia in Spine Surgery: A Randomized Clinical Trial. J Neurol Surg A Cent Eur Neurosurg. 2022 Feb 10. doi: 10.1055/a-1768-3797. Epub ahead of print. PMID: 35144297.

9: Su J, Liang S, Lin Q, Hu Z, Zhu Y, Zhu Y. Construction industry-associated penetrating craniocerebral injuries. J Neurol Surg A Cent Eur Neurosurg. 2022 Feb 10. doi: 10.1055/a-1768-3732. Epub ahead of print. PMID: 35144296.

10: Kim HS, Kim JY, Lee YJ, Lee JH, Jang IT. Minimally Neural Retractive, Total Annular Resection, Transforaminal Endoscopic (TARTE) Approach for Severely Canal Compromising Lumbar Disk Herniation Accompanied by a Neurologic Deficit. J Neurol Surg A Cent Eur Neurosurg. 2022 Feb 2. doi: 10.1055/s-0041-1741548. Epub ahead of print. PMID: 35108743.

11: Spindler P, Tkatschenko D, Alzoobi Y, Kuebler D, Kühn AA, Schneider GH, Prinz V, Vajkoczy P, Faust K. Thoracolumbar Instrumentation Surgery in Patients with Parkinson's Disease: A Case-Control Study. J Neurol Surg A Cent Eur Neurosurg. 2022 Jan 31. doi: 10.1055/s-0041-1741535. Epub ahead of print. PMID: 35100633.

12: Covrig RC, Schellinger PD, Glahn J, Alomari A, Schmieder K, Wiese M, Knappe UJ. Shunt Dependence after Intraventricular Hemorrhage and Intraventricular Fibrinolysis with uPA versus rt-PA. J Neurol Surg A Cent Eur Neurosurg. 2022 Jan 31. doi: 10.1055/s-0041-1741546. Epub ahead of print. PMID: 35100632.

13: Abaunza-Camacho JF, Vergara-Garcia D, Madrinan-Navia H, Riveros WM, Caballero A. Onyx Embolization of an Indirect Carotid-Cavernous Fistula with Cortical Venous Reflux: Technical note. J Neurol Surg A Cent Eur Neurosurg. 2022 Jan 24. doi: 10.1055/s-0041-1741547. Epub ahead of print. PMID: 35073584.

14: Thirumalai Vasu S, Krishnamoorthy V, Karunakaran S, Pillay HM. A Comparative Analysis Of Transcranial and Endoscopic Repair For Traumatic CSF Rhinorrhoea. J Neurol Surg A Cent Eur Neurosurg. 2022 Jan 21. doi: 10.1055/a-1747-9744. Epub ahead of print. PMID: 35062035.

15: Sinha S, George KJ. The fate of nonoperative management in patients with lytic spondylolisthesis. J Neurol Surg A Cent Eur Neurosurg. 2022 Jan 21. doi: 10.1055/a-1747-9905. Epub ahead of print. PMID: 35062034.

16: Krejčí T, Krejčí O, Lipina R. Spontaneous regression of a symptomatic cyst of the cavum septi pellucidi and vergae. J Neurol Surg A Cent Eur Neurosurg. 2022 Jan 21. doi: 10.1055/a-1747-9816. Epub ahead of print. PMID: 35062033.

17: Abdallah A, Emel E, Abdallah BG, Öztürk D, Çınar İ, Avyasov R. Surgical Outcome of Spinal Subdural Abscesses: A Report of Four Consecutive Patients and Brief Review of the Literature. J Neurol Surg A Cent Eur Neurosurg. 2022 Jan 18. doi: 10.1055/s-0041-1739210. Epub ahead of print. PMID: 35042272.

18: Jian Q, Liu Z, Duan W, Jian F, Chen Z. Subaxial lateral mass prosthesis for posterior reconstruction of cervical spine. J Neurol Surg A Cent Eur Neurosurg. 2022 Jan 13. doi: 10.1055/a-1739-2488. Epub ahead of print. PMID: 35026858.

19: Gagliardi F, Pompeo E, De Domenico P, Snider S, Roncelli F, Acerno S, Mortini P. HISTORY OF EVOLUTION OF POSTERO-LATERAL APPROACHES TO THE THORACIC SPINE: FROM CURE OF POTT'S DISEASE TO EPIDURAL TUMOR RESECTION. J Neurol Surg A Cent Eur Neurosurg. 2022 Jan 10. doi: 10.1055/a-1734-2085. Epub ahead of print. PMID: 35008121.

20: Son BC. Decompression of the Greater Occipital Nerve for Occipital Neuralgia and Chronic Occipital Headache Caused by Entrapment of the Greater Occipital Nerve. J Neurol Surg A Cent Eur Neurosurg. 2022 Jan 6. doi: 10.1055/s-0041-1739228. Epub ahead of print. PMID: 34991172.

21: Pescatori L, Tropeano MP, Piccirilli M, Ciappetta P. Microsurgical Anatomy of the Hypoglossal Nerve in the Lateral Approaches to the Craniovertebral Junction: A Study on Fresh Non-Formalin-Fixed

- Human Specimens. *J Neurol Surg A Cent Eur Neurosurg*. 2022 Jan 6. doi: 10.1055/s-0041-1739222. Epub ahead of print. PMID: 34991171.
- 22: Jiang Y, Yin J, Nong L, Xu N. Uniportal Full-Endoscopic versus Minimally Invasive Decompression for Lumbar Spinal Stenosis: A Meta-analysis. *J Neurol Surg A Cent Eur Neurosurg*. 2022 Jan 6. doi: 10.1055/s-0041-1739208. Epub ahead of print. PMID: 34991170.
- 23: Hofmann BB, Rubbert C, Turowski B, Hänggi D, Muhammad S. Treatment of Unique Bilateral Distal Fusiform Superior Cerebellar Artery Aneurysms with Mini-Flow Diverter Device Implantation: Case Report. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Dec 21. doi: 10.1055/s-0041-1739212. Epub ahead of print. PMID: 34933358.
- 24: Kienzler JC, Schoepf S, Marbacher S, Diepers M, Remonda L, Fandino J. Intraoperative Spinal Angiography during Microsurgical Occlusion of Spinal Dural Arteriovenous Fistula within the Hybrid Operation Room. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Dec 20. doi: 10.1055/s-0041-1736634. Epub ahead of print. PMID: 34929752.
- 25: Umana GE, Visocchi M, Roca E, Passanisi M, Fricia M, Tranchina MG, Tomasi SO, Nicoletti GF, Cicero S, Scalia G. Thoracic Spinal Angiolipomas: A Systematic Review. *J Neurol Surg A Cent Eur Neurosurg*. 2022 Mar;83(2):161-172. doi: 10.1055/s-0041-1739217. Epub 2021 Dec 20. PMID: 34929751.
- 26: Ogawa Y, Watanabe M, Tominaga T. pituitary neuroendocrine tumors Associated with Intracranial Aneurysms: the Clinical Characteristics, Therapeutic Strategies, and Possible Effects of Vascular Remodeling Factors. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Dec 20. doi: 10.1055/s-0041-1739232. Epub ahead of print. PMID: 34929750.
- 27: Botelho RV, Botelho PB, Hernandez B, Sales MB, Rotta JM. Association between Brachycephaly, Chiari Malformation, and Basilar Invagination. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Dec 20. doi: 10.1055/s-0041-1739503. Epub ahead of print. PMID: 34929749.
- 28: Aksoy S, Yalcin B. Morphometric Anatomy of the Posterior Aspect of the Atlas and the Vertebral Artery Groove in Relation to Lateral Mass Screw Placement. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Dec 20. doi: 10.1055/s-0041-1739214. Epub ahead of print. PMID: 34929748.
- 29: Erken HY, Karaeminogullari O, Yilmaz O, Mirel K, Ozer RO. Local Anesthesia and Conscious Sedation Does Not Affect Patient's Mood and Anxiety Levels during Percutaneous Endoscopic Lumbar Discectomy: A Prospective Study. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Dec 16. doi: 10.1055/s-0041-1739203. Epub ahead of print. PMID: 34918309.
- 30: Schmeiser G, Bergmann JI, Papavero L, Kothe R. Surgical Treatment of Multilevel Degenerative Cervical Myelopathy: Open-Door Laminoplasty and Fixation via Unilateral Approach. A Feasibility Study. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Dec 15. doi: 10.1055/s-0041-1739224. Epub ahead of print. PMID: 34911089.
- 31: Umana GE, Salvati M, Fricia M, Passanisi M, Corbino L, Cicero S, Nicoletti GF, Tomasi SO, Winkler PA, Scalia G. A Review of Remote Intracerebral Hemorrhage after Chronic Subdural Hematoma Evacuation. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Dec 15. doi: 10.1055/s-0041-1739220. Epub ahead of print. PMID: 34911088.
- 32: Vercelli GG, Venturi F, Minardi M, Cofano F, Zenga F, Bergui M, Garbossa D. Time-Resolved Magnetic Resonance Angiography for Follow-Up of Treated Dural and Epidural Spinal Arteriovenous Fistula. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Dec 15. doi: 10.1055/s-0041-1739205. Epub ahead

of print. PMID: 34911087.

33: Poblete J, Martinez Anda JJ, Mendoza AAR, Torales J, Somma AD, Torne R, Fuster S, Enseñat J. Minimally Invasive Surgical Technique for the Management of Giant Dumbbell Spinal Schwannoma. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Dec 15. doi: 10.1055/s-0041-1739502. Epub ahead of print. PMID: 34911086.

34: Kandregula S, Shashidhar A, Rao S, Beniwal M, Shukla D, Srinivas D, Saini J, Mahadevan A, Santosh V, Arimappamagan A. Granular Cell Tumor and Spindle Cell Oncocytoma of the Pituitary Gland: Imaging and Intraoperative Cytology Diagnostic Dilemmas and Management Challenges. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Dec 15. doi: 10.1055/s-0041-1740264. Epub ahead of print. PMID: 34911085.

35: Jesse CM, Raabe A, Ulrich CT. The Contralateral Approach to intra- and Extraforaminal Lumbar Disk Herniations: Surgical Technique and Review of Surgical Procedures. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Dec 12. doi: 10.1055/s-0041-1739221. Epub ahead of print. PMID: 34897627.

36: Schultheis BC, Wille C, Ross-Steinhagen NE, De Ridder D, Vancamp T, Weidle PA. Alternative Dorsal Root Ganglion Neuromodulation Electrode Implantation: A Report of 2 Cases with 3 Different Techniques. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Dec 12. doi: 10.1055/s-0041-1739219. Epub ahead of print. PMID: 34897626.

37: Prokopienko M, Sobstyl M. Subjective and Objective Quality-of-Life Assessment of Outcome Measures in Cervical Spine Surgery for Degenerative Changes. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Dec 12. doi: 10.1055/s-0041-1739227. Epub ahead of print. PMID: 34897625.

38: Gagliardi F, Snider S, Pompeo E, Medone M, Piloni M, Giordano L, De Domenico P, Roncelli F, Mortini P. Temporal Flaps in Head and Neck Reconstructive Surgery: A Systematic Review of Surgical Techniques. *J Neurol Surg A Cent Eur Neurosurg*. 2022 Mar;83(2):173-182. doi: 10.1055/s-0041-1739213. Epub 2021 Dec 12. PMID: 34897624.

39: Zhong-Sheng Z, Rui F, Yan-Long K, Hai-Jun X, Ya-Dong Z, Feng X. Percutaneous Transforaminal Endoscopic Discectomy for Lumbar Disk Herniation: Young (Age <60 years) versus Older (Age ≥60 years) Patients. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Dec 12. doi: 10.1055/s-0041-1735861. Epub ahead of print. PMID: 34897623.

40: Shin JH, Kim SI, Jung J, Rhyu KW. Cortical Bone Trajectory Pedicle Screw Fixation in Surgical Treatment of Monosegmental Pyogenic Lumbar Spondylodiskitis. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Dec 12. doi: 10.1055/s-0041-1739211. Epub ahead of print. PMID: 34897622.

41: Revollo YLB, Atassi H, Fandino J, Kienzler JC. Preoperative ODI and Intake of Analgesics Predict Outcome after Lumbar Microdiscectomy: Results from a Prospective Register. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Dec 12. doi: 10.1055/s-0041-1739233. Epub ahead of print. PMID: 34897621.

42: Pérez-Bovet J, Buxó M, Rimbau Muñoz J. Clinical Practice in Spine Surgery: An International Survey. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Dec 12. doi: 10.1055/s-0041-1739223. Epub ahead of print. PMID: 34897620.

43: Pessina F, Navarria P, Rossini Z, Clerici E, Fornari M, Politi LS, Scorsetti M, Servadei F. Skull Base Meningiomas: Is Surgical Resection Enough? Outcome Evaluation and Prognostic Factors Analysis in a Single-Center Cohort. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Dec 12. doi: 10.1055/s-0041-1739204. Epub ahead of print. PMID: 34897619.

- 44: Opalak CF, Sima AP, Carr MT, Rock A, Somasundaram A, Workman KG, Dincer A, Chandra V, Vega RA, Broaddus WC. Growth Analysis of Untreated Meningiomas under Observation. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Dec 12. doi: 10.1055/s-0041-1739216. Epub ahead of print. PMID: 34897618.
- 45: Ogawa Y, Sato K, Endo T, Tominaga T. Quantification of Tumor Blush of Highly Vascularized Tumors with Slow Feeding System: Representative Use for Giant pituitary neuroendocrine tumors. *J Neurol Surg A Cent Eur Neurosurg*. 2022 Mar;83(2):110-117. doi: 10.1055/s-0040-1721014. Epub 2021 Dec 12. PMID: 34897617.
- 46: Murata S, Minamide A, Nakagawa Y, Iwasaki H, Taneichi H, Schoenfeld AJ, Simpson AK, Yamada H. Microendoscopic Decompression for Lumbar Spinal Stenosis Associated with Adjacent Segment Disease following Lumbar Fusion Surgery: 5-year Follow-up of a Retrospective Case Series. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Dec 12. doi: 10.1055/s-0041-1739206. Epub ahead of print. PMID: 34897616.
- 47: Marx S, Altmann R, Baschin M, Paland H, Rauch B, Kohlmann T, Schroeder HWS. Preoperative Thrombocytosis is Not Associated with Overall Survival in 309 Glioblastoma Patients. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Dec 12. doi: 10.1055/s-0041-1739501. Epub ahead of print. PMID: 34897615.
- 48: Falter J, Schebesch KM, Schmidt NO. Declining Numbers of Neurosurgical Emergencies at a German University Medical Center during the Coronavirus Lockdown. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Dec 12. doi: 10.1055/s-0041-1739225. Epub ahead of print. PMID: 34897614.
- 49: Chen Y, Zu J, Zhang W, Xu C, Cui G, Cui C, Xiao Q. Comparative Analysis of Acute Levodopa Challenge Test and the Outcomes of Deep Brain Stimulation in Parkinson's Disease. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Dec 12. doi: 10.1055/s-0041-1739226. Epub ahead of print. PMID: 34897613.
- 50: Abdallah A, Guler EM, Çınar İ, Papaker MG, Yapar S, Ozer OF, Yurtsever I, Dündar TT. Oxidative Stress Level in Patients with Subarachnoid Hemorrhage. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Dec 12. doi: 10.1055/s-0041-1739207. Epub ahead of print. PMID: 34897612.
- 51: Frič R, Nedregaard B, Heimdal KR, Weber C, Due-Tønnessen BJ. Ruptured Aneurysm of the Anterior Communicating Artery in a Newborn: A Case Report and Review of the Literature. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Dec 12. doi: 10.1055/s-0041-1739209. Epub ahead of print. PMID: 34897611.
- 52: Fiore G, Bertani GA, Tariciotti L, Borsa S, Paolucci A, Taramasso L, Locatelli M, Pluderi M. Vertebral Body Infarction after Transarterial Preoperative Embolization of a Vertebral Hemangioma. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Dec 12. doi: 10.1055/s-0041-1739215. Epub ahead of print. PMID: 34897610.
- 53: Domazet I, Njiric N, Jakovcevic A, Bitunjac A, Domazet K, Pašalić I, Mrak G. Intraneural Nodular Fasciitis of the Dorsal Scapular Nerve: Case Report and Review of the Literature. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Dec 12. doi: 10.1055/s-0041-1739218. Epub ahead of print. PMID: 34897609.
- 54: Tomasi SO, Umana GEE, Scalia G, Raudino G, Stevanovic V, Krainz H, Kral M, Nicoletti GF, Winkler PA. Lumbar spinous process-splitting technique for ligamentum flavum cyst removal: the first use in Europe. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Dec 7. doi: 10.1055/a-1715-3958. Epub ahead of print. PMID: 34875711.

55: Papavero L, Pietrek M, Marques CJ, Schmeiser G. Erratum to: Cervical Single- Level Pincer Stenosis Causing Myelopathy: A Technical Note and Medium-term Results of a One-Session Microsurgical 360-Degree Treatment. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Dec 6. doi: 10.1055/s-0041-1740913. Epub ahead of print. Erratum for: *J Neurol Surg A Cent Eur Neurosurg*. 2021 Oct 11; PMID: 34872150.

56: Stapińska-Syniec A, Grabiec M, Rylski M, Acewicz A, Sobstyl M. DNA Hydroxymethylation in High-Grade Gliomas. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Dec 6. doi: 10.1055/a-1713-7699. Epub ahead of print. PMID: 34872125.

57: Zou L, Liu H, Rong X, Liu X, Ding C, Song Y. Long-term Follow-Up Results of Dynamic Cervical Implant in Patients with Cervical Disc Diseases: Compared with Prestige LP. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Dec 3. doi: 10.1055/a-1712-5386. Epub ahead of print. PMID: 34861706.

58: Zhu G, Li C, Gui S, Zhao P, Li Z, Liu C, Zhang Y. Endoscopic fenestration for treating Galassi type III middle cranial fossa arachnoid cysts: single- and multiple-stoma have the same curative effect. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Dec 3. doi: 10.1055/a-1712-5567. Epub ahead of print. PMID: 34861705.

59: Spindler K, Mawrin C, Strauss C, Prell J. Cranial and Spinal Metastasis of a Nonfunctioning pituitary neuroendocrine tumor: Report of a Case. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Dec 2. doi: 10.1055/s-0041-1739229. Epub ahead of print. PMID: 34856620.

60: Yindeedej V, Nimmannitya P, Noiphithak R, Punyarat P, Tantongtip D. Clinical Outcome in Cerebral Vasospasm Patients Treated with and without Intra-Arterial Nimodipine Infusion. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Nov 22. doi: 10.1055/s-0041-1735860. Epub ahead of print. PMID: 34808678.

61: Jäckle K, Saul D, Oberthür S, Roch PJ, Sehmisch S, Lehmann W, Weiser L. Long-term Quality of Life after Fusion of the Ventral Thoracic and Lumbar Spine. *J Neurol Surg A Cent Eur Neurosurg*. 2022 Mar;83(2):153-160. doi: 10.1055/s-0041-1736324. Epub 2021 Nov 22. PMID: 34808677.

62: Ishihama Y, Morimoto M, Tezuka F, Yamashita K, Manabe H, Sugiura K, Takeuchi M, Takata Y, Sakai T, Maeda T, Nagamachi A, Sairyo K. Full-Endoscopic Trans- Kambin Triangle Lumbar Interbody Fusion: Surgical Technique and Nomenclature. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Nov 22. doi: 10.1055/s-0041-1730970. Epub ahead of print. PMID: 34808676.

63: da Silva Lapa JD, Godinho FLF, Teixeira MJ, Listik C, Iglesias RF, Duarte KP, Cury RG. Should the Globus Pallidus Targeting Be Refined in Dystonia? *J Neurol Surg A Cent Eur Neurosurg*. 2021 Nov 22. doi: 10.1055/s-0041-1735856. Epub ahead of print. PMID: 34808675.

64: Haq IBI, Wahyuhadi J, Suryonurafif A, Arifianto MR, Susilo RI, Nagm A, Goto T, Ohata K. Modified Transpetrosal-Transtentorial Approach for Resection of Large and Giant Petroclival Meningioma: Technical Nuance and Surgical Experiences. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Nov 18. doi: 10.1055/s-0041-1731753. Epub ahead of print. PMID: 34794193.

65: Pesce A, Armocida D, Paglia F, Palmieri M, Frati A, D'Andrea G, Salvati M, Santoro A. IDH-wildtype Glioblastoma Presenting with Seizure: Clinical Specificity, and Oncologic and Surgical Outcomes. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Nov 18. doi: 10.1055/s-0041-1735515. Epub ahead of print. PMID: 34794192.

66: Erdogan U, Sari S, Akbas A. The Efficiency of Simultaneous Systemic and Topical Use of Tranexamic Acid in Spinal Fusion Surgery. *J Neurol Surg A Cent Eur Neurosurg*. 2022 Jan;83(1):46-51. doi: 10.1055/s-0041-1731751. Epub 2021 Nov 18. PMID: 34794191.

- 67: Woiciechowsky C, Richter LM. Preliminary Results of Endoscopic Radiofrequency Treatment of the Sacroiliac Joint Syndrome. *J Neurol Surg A Cent Eur Neurosurg*. 2022 Mar;83(2):105-109. doi: 10.1055/s-0041-1740439. Epub 2021 Nov 17. PMID: 34788869.
- 68: Li XY, Li CH, Wang JW, Liu JF, Li H, Gao BL. Safety and Efficacy of Endovascular Embolization of Ruptured Intracranial Aneurysms within 72 hours of Subarachnoid Hemorrhage. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Nov 17. doi: 10.1055/s-0041-1731752. Epub ahead of print. PMID: 34788868.
- 69: Perrotta F, Perrini MP, Cantatore LP. Acute Parkinsonism in a Patient with Spinal Cord Injury: A Case Report. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Nov 17. doi: 10.1055/s-0041-1724108. Epub ahead of print. PMID: 34788867.
- 70: Wang D, Fan G, Yin B, Zhou Z, Qiang M, Wang J, Chen Y, Zhang H. Surgically Relevant Morphological Parameters of the L5-S1 Interlaminar Window: A Statistical Analysis Based on 3D Reconstruction of CT Data. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Nov 16. doi: 10.1055/a-1698-6384. Epub ahead of print. PMID: 34784623.
- 71: Takroni R, Zagzoog N, Patel N, Martyniuk A, Farrokhyar F, Singh S, Trivedi A, Alotaibi M, Algird A. Comparison of two drainage systems on chronic subdural hematoma (CSDH) recurrence. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Nov 16. doi: 10.1055/a-1698-6212. Epub ahead of print. PMID: 34784622.
- 72: Enders F, Rothfuss A, Brehmer S, Stallkamp J, Schulte DM, Hänggi D. Optimized Intraoperative Imaging for Stereotactic Planning with a Multiaxial Robotic C-arm System: Technical Note and Case Series. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Nov 15. doi: 10.1055/s-0041-1731754. Epub ahead of print. PMID: 34781408.
- 73: Hildebrandt G, Joswig H, Stienen MN, Bratelj D. Pros and Cons of Early and Very Early Surgery for Traumatic Central Cord Syndrome with Spinal Stenosis: Literature Review and Case Report. *J Neurol Surg A Cent Eur Neurosurg*. 2022 Jan;83(1):57-65. doi: 10.1055/s-0041-1735858. Epub 2021 Nov 15. PMID: 34781407.
- 74: Zhai XD, Song BW, Xiang SS, Ren J, Li GL, He C, Hu P, Zhang HQ. Wrap- Clipping for Patients with Ruptured Blood Blister-Like Aneurysms of the Internal Carotid Artery: Case Series and Literature Review. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Nov 15. doi: 10.1055/s-0041-1731756. Epub ahead of print. PMID: 34781406.
- 75: Xia YF, Zhou WP, Zhang Y, Li YZ, Wang XH, Li ST, Zhao H. How to Improve the Effect of Microvascular Decompression for Hemifacial Spasm: A Retrospective Study of 32 Cases with Unsuccessful First Time MVD. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Nov 15. doi: 10.1055/s-0041-1735855. Epub ahead of print. PMID: 34781405.
- 76: Stepniewski A, Lehmann W, Schilderorth M, Behringer D, Emmerich N, Daugardt J, von der Brelie C, Kauffmann P, Felmerer G. The Efficacy of Local Flaps in the Treatment of Traumatic Scalp Defects. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Nov 15. doi: 10.1055/s-0041-1735890. Epub ahead of print. PMID: 34781404.
- 77: Rismanbaf A, Afshari K, Ghasemi M, Badripour A, Haj-Mirzaian A, Dehpour AR, Shafaroodi H. Therapeutic Effects of Azithromycin on Spinal Cord Injury in Male Wistar Rats: A Role for Inflammatory Pathways. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Nov 15. doi: 10.1055/s-0041-1735854. Epub ahead of print. PMID: 34781403.
- 78: Dominguez JF, Shah S, Feldstein E, Ng C, Li B, Kim M, Santarelli J, Gandhi CD, Tyagi R, Tobias M. Treatment of an Elusive Symptomatic Sinus Pericranii: Case Report and Review of the Literature. *J*

Neurol Surg A Cent Eur Neurosurg. 2021 Nov 15. doi: 10.1055/s-0041-1735862. Epub ahead of print. PMID: 34781402.

79: Breuskin D, Ketter R, Oertel J. Surviving a Self-inflicted Transorbital Pen Intrusion to the Cerebellum: Case Report. J Neurol Surg A Cent Eur Neurosurg. 2021 Nov 15. doi: 10.1055/s-0041-1735859. Epub ahead of print. PMID: 34781401.

80: Ahmeti H, Jüttner E, Röcken C, Jansen O, Laudes M, Synowitz M. Differential Diagnosis in Hypophysitis: First Report on a Spindle Cell Rhabdomyosarcoma of the Pituitary Gland. J Neurol Surg A Cent Eur Neurosurg. 2021 Nov 15. doi: 10.1055/s-0041-1735857. Epub ahead of print. PMID: 34781400.

81: Scerrati A, De Bonis P, Zamboni P, Dones F, Fontanella M, Cenzato M, Visani J, Bianchi F, Zanin L, Cavallo MA, Sturiale CL. A New Insight in Nonaneurysmal Subarachnoid Hemorrhage: the Potential Role of the Internal Jugular Veins. J Neurol Surg A Cent Eur Neurosurg. 2021 Oct 22. doi: 10.1055/s-0041-1733895. Epub ahead of print. PMID: 34687035.

82: Papavero L, Pietrek M, Marques CJ, Schmeiser G. Cervical Single-Level Pincer Stenosis Causing Myelopathy: A Technical Note and Medium-term Results of a One- Session Microsurgical 360-Degree Treatment. J Neurol Surg A Cent Eur Neurosurg. 2022 Mar;83(2):187-193. doi: 10.1055/s-0041-1723811. Epub 2021 Oct 11. Erratum in: J Neurol Surg A Cent Eur Neurosurg. 2021 Dec 06;; PMID: 34634828.

83: Hou SB, Sun XZ, Liu FY, Gong R, Zhao ZQ, Lu K, Liu YB. Relationship of Change in Cervical Curvature after Laminectomy with Lateral Mass Screw Fixation to Spinal Cord Shift and Clinical Efficacy. J Neurol Surg A Cent Eur Neurosurg. 2022 Mar;83(2):129-134. doi: 10.1055/s-0041-1723807. Epub 2021 Oct 11. PMID: 34634827.

84: Kasper J, Frydrychowicz C, Jähne K, Wende T, Wilhelmy F, Arlt F, Seidel C, Hoffmann KT, Meixensberger J. The Role of Delayed Radiotherapy Initiation in Patients with Newly Diagnosed Glioblastoma with Residual Tumor Mass. J Neurol Surg A Cent Eur Neurosurg. 2021 Sep 8. doi: 10.1055/s-0041-1730965. Epub ahead of print. PMID: 34496417.

85: Goncharuk O, Savosko S, Tykhomyrov A, Guzyk M, Medvediev V, Tsymbaliuk V, Chaikovsky Y. Matrix Metalloproteinase-9 is Involved in the Fibrotic Process in Denervated Muscles after Sciatic Nerve Trauma and Recovery. J Neurol Surg A Cent Eur Neurosurg. 2021 Sep 8. doi: 10.1055/s-0041-1731750. Epub ahead of print. PMID: 34496416.

86: Chrastina J, Dolezalova I, Novak Z, Pešlová E, Brazdil M. Pregnancy Outcomes in Refractory Epilepsy Patients with Vagus Nerve Stimulation: Long-Term Single- Center Experience. J Neurol Surg A Cent Eur Neurosurg. 2021 Sep 8. doi: 10.1055/s-0041-1730966. Epub ahead of print. PMID: 34496415.

87: Cipriani D, Trippel M, Buttler KJ, Rohr E, Wagner D, Beck J, Schnell O. Cerebral Abscess Caused by *Listeria monocytogenes*: Case Report and Literature Review. J Neurol Surg A Cent Eur Neurosurg. 2022 Mar;83(2):194-205. doi: 10.1055/s-0041-1729174. Epub 2021 Sep 8. PMID: 34496414.

88: Colle H, Colle D, Noens B, Dhaen B, Alessi G, Muller P, Aerts A, Robert E, van der Linden C. Subcortical Stimulation with Tip of Ultrasound Aspirator. J Neurol Surg A Cent Eur Neurosurg. 2021 Nov;82(6):581-584. doi: 10.1055/s-0039-1691824. Epub 2021 Aug 25. PMID: 34433223.

89: Singh PR, Sharma RK, Chaturvedi J, Nayak N, Sharma AK. Surgical Outcome of Large Solid Posterior Fossa Hemangioblastoma without Preoperative Embolization. J Neurol Surg A Cent Eur

Neurosurg. 2021 Aug 25. doi: 10.1055/s-0041-1728766. Epub ahead of print. PMID: 34433222.

90: Mattogno PP, Guerrini F, Nicolosi F, Panciani P, Olivi A, Fontanella M, Spena G. Minimally Invasive Subfrontal Approach: How to Make it Safe and Effective from the Olfactory Groove to the Mesial Temporal Lobe. *J Neurol Surg A Cent Eur Neurosurg.* 2021 Nov;82(6):585-593. doi: 10.1055/s-0040-1722697. Epub 2021 Aug 12. PMID: 34384130.

91: Rohde V. Surgery of the Brainstem. *J Neurol Surg A Cent Eur Neurosurg.* 2022 Jan;83(1):104. doi: 10.1055/s-0041-1728769. Epub 2021 Aug 3. PMID: 34344050.

92: Umana GE, Scalia G, Fricia M, Nicoletti GF, Iacopino DG, Maugeri R, Tomasi SO, Cicero S, Alberio N. Diamond-Shaped Mini-Craniotomy: A New Concept in Neurosurgery. *J Neurol Surg A Cent Eur Neurosurg.* 2021 Aug 3. doi: 10.1055/s-0041-1730942. Epub ahead of print. PMID: 34344051.

93: Köning W, Firsching R. Professor Frowein. *J Neurol Surg A Cent Eur Neurosurg.* 2021 Jul;82(4):397-398. doi: 10.1055/s-0041-1731307. Epub 2021 Jul 14. PMID: 34261155.

94: Seidel K, Krieg SM. Special Topic Issue: Intraoperative Neurophysiological Monitoring. *J Neurol Surg A Cent Eur Neurosurg.* 2021 Jul;82(4):297-298. doi: 10.1055/s-0041-1731685. Epub 2021 Jul 14. PMID: 34261154.

95: Lin GX, Chen CM, Kim JS, Song KS. The Transformation of Intracranial Subdural Hygroma to Chronic Subdural Hematoma Following Endoscopic Spinal Surgery: A Case Report. *J Neurol Surg A Cent Eur Neurosurg.* 2021 Jul 14. doi: 10.1055/s-0041-1723812. Epub ahead of print. PMID: 34261140.

96: Lepić M, Mandić-Rajčević S, Pavličević G, Benović R, Novaković N, Rasulić L. Fatal Acute Pneumocephalus after Bilateral Drainage for Chronic Subdural Hematomas: Case Report. *J Neurol Surg A Cent Eur Neurosurg.* 2022 Mar;83(2):206-209. doi: 10.1055/s-0041-1730963. Epub 2021 Jul 14. PMID: 34261139.

97: Zhao H, Zhu J, Tang YD, Shen L, Li ST. Hemifacial Spasm: Comparison of Results between Patients Older and Younger than 70 Years Operated on with Microvascular Decompression. *J Neurol Surg A Cent Eur Neurosurg.* 2022 Mar;83(2):118-121. doi: 10.1055/s-0040-1721018. Epub 2021 Jul 8. PMID: 34237777.

98: Kim HS, Raorane HD, Choi I, Wu PH, Yang KH, Yi YJ, Jang IT. Full-Endoscopic Lumbar Decompression with Minimal Nerve Root Retraction for Impending Neurologic Deficit in Degenerative Lumbar Spine Diseases. *J Neurol Surg A Cent Eur Neurosurg.* 2022 Mar;83(2):135-142. doi: 10.1055/s-0041-1725955. Epub 2021 Jul 8. PMID: 34237776.

99: Kim MK, Lee JJ, Cho SH, Kwak DS. Versatile Usage of the Modified Lateral Mass Screw as an Alternative to Cervical Pedicle Screw Fixation. *J Neurol Surg A Cent Eur Neurosurg.* 2021 Jun 30. doi: 10.1055/s-0041-1728767. Epub ahead of print. PMID: 34192784.

100: Huckhagel T, Westphal M, Klinger R. The Impact of Surgery-Related Muscle Injury on Prevalence and Characteristics of Acute Postcraniotomy Headache - A Prospective Consecutive Case Series. *J Neurol Surg A Cent Eur Neurosurg.* 2021 Jun 30. doi: 10.1055/s-0041-1725958. Epub ahead of print. PMID: 34192783.

101: Heiler U, Pitzen T, Ruf M. Iatrogenic Intracranial Hypotension after Surgery of Adolescent Idiopathic Scoliosis due to a Misplaced Screw within the Thoracic Thecal Sac. *J Neurol Surg A Cent Eur Neurosurg.* 2021 Jun 30. doi: 10.1055/s-0041-1728765. Epub ahead of print. PMID: 34192782.

- 102: Sihag R, Bajaj J, Yadav YR, Ratre S, Hedao K, Kumar A, Sinha M, Parihar V, Swamy MN. Endoscope-controlled Access to Thalamic Tumors using Tubular Brain Retractor: An Alternative Approach to Microscopic Excision. *J Neurol Surg A Cent Eur Neurosurg*. 2022 Mar;83(2):122-128. doi: 10.1055/s-0041-1722966. Epub 2021 Jun 18. PMID: 34144629.
- 103: Sobstyl M, Stapińska-Syniec A, Iwański S, Rylski M. Clinical Efficacy and Safety Profile of Anterior Thalamic Stimulation for Intractable Epilepsy. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Nov;82(6):568-580. doi: 10.1055/s-0041-1725954. Epub 2021 Jun 14. PMID: 34126641.
- 104: Gousias K, Pleger B, Markou M, Grözing M, Sedaghat S, Pintea B, Schildhauer TA, Martinez R, Hamsen U. Distinct Behavior of Traumatic versus Nontraumatic Intracerebral Hematomas: Different Biology or Impact of Age? *J Neurol Surg A Cent Eur Neurosurg*. 2022 Mar;83(2):143-152. doi: 10.1055/s-0041-1728764. Epub 2021 Jun 14. PMID: 34126640.
- 105: Park MS, Moon SH, Jang SB, Kim JW, Sung PS. Spontaneous Hematomyelia Associated with the Use of Non-vitamin K Antagonist. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Jun 14. doi: 10.1055/s-0041-1728768. Epub ahead of print. PMID: 34126639.
- 106: Ebrahimzadeh K, Tavassol HH, Mousavinejad SA, Ansari M, Kazemi R, Bahrami- Motlagh H, Jalili Khoshnoud R, Sharifi G, Samadian M, Rezaei O. The Sensorineural Hearing Loss Related to a Rare Infratentorial Developmental Venous Angioma: A Case Report and Review of Literature. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Jun 14. doi: 10.1055/s-0041-1725960. Epub ahead of print. PMID: 34126638.
- 107: Strauss C, Rampp S, Scheller C, Prell J, Strauss C, Doerfler A, Engelhorn T. Volumetry and Surgical Grading Systems for Vestibular Schwannoma Size Assessment and their Relationship to Postoperative Facial Nerve Function. *J Neurol Surg A Cent Eur Neurosurg*. 2022 Jan;83(1):39-45. doi: 10.1055/s-0041-1725951. Epub 2021 Jun 7. PMID: 34100269.
- 108: Veldeman M, Ridwan H, Hasan D, Rieg A, Clusmann H, Schubert GA. Ocular Trauma with Ophthalmic Artery Injury as a Rare Cause of Subarachnoid Hemorrhage: a Case Report and Review of the Literature. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Jun 7. doi: 10.1055/s-0041-1725956. Epub ahead of print. PMID: 34100268.
- 109: Çiçek A, Cortier J, Hendrickx S, Van Cauwenbergh J, Calus L, Dehem J, Vanhauwaert D. Chiari Type I Malformation Presenting with Unilateral Hearing Loss. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Jun 7. doi: 10.1055/s-0041-1725959. Epub ahead of print. PMID: 34100267.
- 110: Hou K, Xu K, Zhao Y, Yu J. Transdural Anastomotic Aneurysm in Association with Moyamoya Disease: A Rare and Troublesome Neurosurgical Entity. *J Neurol Surg A Cent Eur Neurosurg*. 2022 Jan;83(1):52-56. doi: 10.1055/s-0041-1723808. Epub 2021 Jun 2. PMID: 34077983.
- 111: Majovsky M, Netuka D, Lipina R, Mraček J, Beneš V. Pineal Apoplexy: A Case Series and Review of the Literature. *J Neurol Surg A Cent Eur Neurosurg*. 2022 Jan;83(1):31-38. doi: 10.1055/s-0041-1723813. Epub 2021 Jun 2. PMID: 34077982.
- 112: Umana GE, Alberio N, Graziano F, Fricia M, Tomasi SO, Corbino L, Nicoletti GF, Cicero S, Scalia G. Vertebrobasilar Dolichoectasia, Hypoplastic Third Ventricle, and Related Biventricular Hydrocephalus: Case Report and Review of the Literature. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Jun 2. doi: 10.1055/s-0041-1725049. Epub ahead of print. PMID: 34077981.
- 113: Shah A, Vutha R, Doshi J, Trivedi N, Goel A. "Flow Reversal" and Cure in a Case of Giant

Intracranial Aneurysm: A Case Report. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Jun 2. doi: 10.1055/s-0041-1726106. Epub ahead of print. PMID: 34077980.

114: Fernández García A, Jiménez Zapata HD, de Lera Alfonso MC, Sánchez Fernández C, Jiménez Arribas P, Rodríguez Arias CA. Decompressive Craniectomy in Pregnant Women. *J Neurol Surg A Cent Eur Neurosurg*. 2022 Mar;83(2):210-213. doi: 10.1055/s-0041-1726108. Epub 2021 Jun 2. PMID: 34077979.

115: Huang TC. "Pin Method" for Endoscopic Lumbar Interbody Fusion. *J Neurol Surg A Cent Eur Neurosurg*. 2021 May 27. doi: 10.1055/s-0041-1726107. Epub ahead of print. PMID: 34044467.

116: Stifano V, Stati G, Giacobbo Scavo C, Carpineta E, Cacciotti G, Roperto R, Sufianov A, Mastronardi L. Single-Level Cervical Arthroplasty with a Keel-less Prosthesis: Results in a Series of 35 Patients Operated on for Soft Disk Herniation with a Minimum of 3 Years of Follow-Up. *J Neurol Surg A Cent Eur Neurosurg*. 2022 Jan;83(1):27-30. doi: 10.1055/s-0041-1724109. Epub 2021 May 27. PMID: 34044466.

117: Schieferdecker S, Hunsche S, El Majdoub F, Maarouf M. Robot-Assisted Stereotactic Shunting as a Novel Treatment for Pontine Gliependymal Cysts. *J Neurol Surg A Cent Eur Neurosurg*. 2022 Jan;83(1):85-88. doi: 10.1055/s-0041-1726109. Epub 2021 May 24. PMID: 34030189.

118: Terai T, Chikawa T, Henmi T, Sairyo K. Magnetic Resonance Imaging Findings and Clinical Outcomes in the Early Postoperative Period after Full Endoscopic Discectomy for Lumbar Disk Herniation. *J Neurol Surg A Cent Eur Neurosurg*. 2022 Jan;83(1):13-19. doi: 10.1055/s-0041-1725953. Epub 2021 May 24. PMID: 34030188.

119: Erken HY, Yilmaz O. Collimation Reduces Radiation Exposure to the Surgeon in Endoscopic Spine Surgery: A Prospective Study. *J Neurol Surg A Cent Eur Neurosurg*. 2022 Jan;83(1):6-12. doi: 10.1055/s-0041-1726111. Epub 2021 May 24. PMID: 34030187.

120: Brand C, Pedro MT, Pala A, Heinen C, Scheuerle A, Braun M, Antoniadis G. Perineurioma: A Rare Entity of Peripheral Nerve Sheath Tumors. *J Neurol Surg A Cent Eur Neurosurg*. 2022 Jan;83(1):1-5. doi: 10.1055/s-0041-1726110. Epub 2021 May 24. PMID: 34030186.

121: Behle B, Beseoglu K, Beez T, Petridis AK, Fischer I, Hänggi D, Steiger HJ. Profile and Prognosis of Spontaneous Lobar Intracerebral Hemorrhage: Comparison of 6-month Survival with STICH II and the MISTIE III Lobar Hemorrhage Subset. *J Neurol Surg A Cent Eur Neurosurg*. 2022 Jan;83(1):20-26. doi: 10.1055/s-0041-1725957. Epub 2021 May 24. PMID: 34030185.

122: Liu Y, Guo G, Lin Z, Zhao L, Hernesniemi J, Li C, Andrade-Barazarte H. Occlusion of the Anterior Cerebral Artery Mimicking a Cerebral Aneurysm: Clinical Presentation and Literature Review. *J Neurol Surg A Cent Eur Neurosurg*. 2021 May 24. doi: 10.1055/s-0040-1722272. Epub ahead of print. PMID: 34030184.

123: Marx S, Schroeder HWS. Benefits of Endoscopic Sheath in Intraventricular Neuroendoscopy: Technical Note. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Nov;82(6):594-598. doi: 10.1055/s-0040-1701618. Epub 2021 May 19. PMID: 34010982.

124: Chang B, Tang Y, Wei X, Li S. A New Application of Gelatin Sponge in the Treatment of Hemifacial Spasm by Microvascular Decompression: A Technical Note. *J Neurol Surg A Cent Eur Neurosurg*. 2022 Mar;83(2):183-186. doi: 10.1055/s-0040-1720994. Epub 2021 May 19. PMID: 34010981.

125: Ricciardi L, Scerrati A, Bonis P, Miscusi M, Trungu S, Visocchi M, Papacci F, Raco A, Proietti L,

Pompucci A, Olivi A, Montano N. Long-term Radiologic and Clinical Outcomes after Three-level Contiguous Anterior Cervical Discectomy and Fusion without Plating: A Multicentric Retrospective Study. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Nov;82(6):556-561. doi: 10.1055/s-0041-1726112. Epub 2021 May 19. PMID: 34010980.

126: Abaunza-Camacho JF, Vergara-Garcia D, Perez F, Benavides C, Caballero A, Torres J, Riveros WM. Emergent Hybrid Treatment of a Ruptured Scalp Arteriovenous Fistula with Eyelid involvement: Technical Note. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Sep;82(5):490-493. doi: 10.1055/s-0041-1723848. Epub 2021 Apr 12. PMID: 33845513.

127: Farias FAC, Dagostini CM, Falavigna A. HIV and Surgery for Degenerative Spine Disease: A Systematic Review. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Sep;82(5):468-474. doi: 10.1055/s-0041-1724111. Epub 2021 Apr 12. PMID: 33845512.

128: Wei X, Zhang X, Song Z, Wang F. Analysis of Clinical, Imaging, and Pathologic Features of 36 Patients with Primary Intraspinal Primitive Neuroectodermal Tumors: A Case Series and Literature Review. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Nov;82(6):526-537. doi: 10.1055/s-0041-1723810. Epub 2021 Apr 12. PMID: 33845511.

129: Unteroberdörster M, Michel A, Darkwah Oppong M, Jabbarli R, Hindy NE, Wrede KH, Sure U, Pierscianek D. The 2016 Edition of the WHO Classification of Primary Brain Tumors: Applicable to Assess Individual Risk of Recurrence in Atypical Meningioma? A Single-Center Experience. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Sep;82(5):417-423. doi: 10.1055/s-0040-1720987. Epub 2021 Apr 12. PMID: 33845510.

130: Liu W, Yuan Y, Xiong N, Wang Q, Zhang F, Zhao H, Xu H, Nayaz A, Hendrik P, Sean DJ. Reconstruction of Craniectomy for Microvascular Decompression with Autologous Particulate Bone. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Nov;82(6):538-543. doi: 10.1055/s-0040-1719138. Epub 2021 Apr 12. PMID: 33845509.

131: Li MW, Jiang XF, Niu C. Efficacy of Internal Neurolysis for Trigeminal Neuralgia without Vascular Compression. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Jul;82(4):364-368. doi: 10.1055/s-0041-1723809. Epub 2021 Apr 12. PMID: 33845508.

132: Koehler S, Held C, Stetter C, Westermaier T. Alloplastic or Autologous? Bone Chips versus PEEK Cage for Lumbar Interbody Fusion in Degenerative Spondylolisthesis. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Nov;82(6):562-567. doi: 10.1055/s-0040-1718770. Epub 2021 Apr 12. PMID: 33845507.

133: Gasenzer ER, Kanat A, Nakamura M. The Influence of Music on Neurosurgical Cases: A Neglected Knowledge. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Nov;82(6):544-551. doi: 10.1055/s-0040-1721017. Epub 2021 Apr 12. PMID: 33845506.

134: Dobran M, Paracino R, Nasi D, Aiudi D, Capece M, Carrassi E, Lattanzi S, Rienzo AD, Iacoangeli M. Laminectomy versus Unilateral Hemilaminectomy for the Removal of Intraspinal Schwannoma: Experience of a Single Institution and Review of Literature. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Nov;82(6):552-555. doi: 10.1055/s-0041-1722968. Epub 2021 Apr 12. PMID: 33845505.

135: Dietz N, Sharma M, Adams S, Ugiliweneza B, Wang D, Bjurström MF, Karikari I, Drazin D, Boakye M. Health Care Utilization and Associated Economic Burden of Postoperative Surgical Site Infection after Spinal Surgery with Follow-Up of 24 Months. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Apr 12. doi: 10.1055/s-0040-1720984. Epub ahead of print. PMID: 33845504.

- 136: Scheller C, Rampp S, Prell J, Strauss C, John E, Jörg U, Diessel L, Brandt S, Müller T. Epithelioid Hemangioendothelioma in the Area of the Neurovascular Bundle of the Upper Arm Mimicking a Schwannoma of the Ulnar Nerve. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Apr 12. doi: 10.1055/s-0041-1722969. Epub ahead of print. PMID: 33845503.
- 137: Basaldella F, Rasera A, Zanette G, Moscolo F, Sala F, Bonetti B, Squintani G. Utility of Preoperative Electrodagnosis Together with Peripheral Nerve High- Resolution Ultrasound: A Complex Case Report of Neurofibromatosis Type I. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Jul;82(4):392-396. doi: 10.1055/s-0041-1724110. Epub 2021 Apr 12. PMID: 33845502.
- 138: Kozłowski P, Kalinowski P, Kozłowska M, Jankiewicz M, Budny A, Starosławska E, Burdan F. Spinal Perineural Cysts among European Patients. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Sep;82(5):463-467. doi: 10.1055/s-0040-1722194. Epub 2021 Apr 1. PMID: 33822351.
- 139: Muscas G, Battista F, Boschi A, Morone F, Della Puppa A. A Single-Center Experience with the Olympus ORBEYE 4K-3D Exoscope for Microsurgery of Complex Cranial Cases: Technical Nuances and Learning Curve. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Sep;82(5):484-489. doi: 10.1055/s-0040-1719106. Epub 2021 Mar 9. PMID: 33690881.
- 140: Piloni M, Gagliardi F, Bailo M, Barzaghi LR, Caputy AJ, Mortini P. Endoscope-Assisted Neuroportal Transcerebellar Approach to the Fourth Ventricle: An Anatomical Study. *J Neurol Surg A Cent Eur Neurosurg*. 2021 May;82(3):248-256. doi: 10.1055/s-0040-1719107. Epub 2021 Mar 9. PMID: 33690880.
- 141: Martínez-Andrés J, Ayala-Gascón M, Mariscal G, Alfonso-Beltrán J, Barrios C. High Rate of Studies with Level 1 and 2 Evidence among the 100 Most Cited Articles in Lumbar Spinal Stenosis. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Sep;82(5):453-462. doi: 10.1055/s-0040-1720993. Epub 2021 Mar 9. PMID: 33690879.
- 142: Behmanesh B, Gessler F, Duetzmann S, Seifert V, Weise L, Setzer M. Quality of Life Following Surgical and Conservative Therapy of Pyogenic Spinal Infection: A Study of Long-term Outcome in 210 Patients. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Mar 9. doi: 10.1055/s-0041-1722965. Epub ahead of print. PMID: 33690878.
- 143: Ko HC, Lee SH, Shin HS, Koh JS. Treatment for Hemifacial Spasm Associated with a Dissecting Vertebral Artery Aneurysm Requiring Microvascular Decompression in Addition to Endovascular Trapping: A Case Report with Literature Review. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Mar 9. doi: 10.1055/s-0040-1721681. Epub ahead of print. PMID: 33690877.
- 144: Sturiale CL, Rapisarda A, Marchese E, Puca A, Olivi A, Albanese A. Surgical Treatment of Middle Cerebral Artery Aneurysms: Hints and Precautions for Young Cerebrovascular Surgeons. *J Neurol Surg A Cent Eur Neurosurg*. 2022 Jan;83(1):75-84. doi: 10.1055/s-0040-1720996. Epub 2021 Feb 28. PMID: 33641137.
- 145: Mattogno PP, Sturiale CL, Rapisarda A, Olivi A, Albanese A. Strategies for Optic Pathways Decompression for Extra-Axial Tumors or Intracranial Aneurysms: A Technical Note. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Sep;82(5):475-483. doi: 10.1055/s-0040-1720991. Epub 2021 Feb 28. PMID: 33641136.
- 146: van Lieshout J, Debaene W, Rapp M, Noordmans HJ, Rutten GJ. fMRI Resting- State Connectivity between Language and Nonlanguage Areas as Defined by Intraoperative Electroocortical Stimulation in Low-Grade Glioma Patients. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Jul;82(4):357-363. doi: 10.1055/s-0040-1721757. Epub 2021 Feb 22. PMID: 33618418.

- 147: Song S, Dai Y, Chen Z, Shi S. Accuracy and Feasibility Analysis of SEEG Electrode Implantation using the VarioGuide Frameless Navigation System in Patients with Drug-Resistant Epilepsy. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Sep;82(5):430-436. doi: 10.1055/s-0040-1721002. Epub 2021 Feb 22. PMID: 33618417.
- 148: Mraček J, Mork J, Dostal J, Tupy R, Mrackova J, Prihan V. Complications Following Decompressive Craniectomy. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Sep;82(5):437-445. doi: 10.1055/s-0040-1721001. Epub 2021 Feb 22. PMID: 33618416.
- 149: Brawanski N, Kashefiolasi S, Won SY, Berkefeld J, Hattingen E, Senft C, Seifert V, Konczalla J. Beware of Nihilism: Favorable Outcome despite Poor Admission Status in Posterior Circulation Aneurysms after Aneurysmal Subarachnoid Hemorrhage. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Nov;82(6):512-517. doi: 10.1055/s-0040-1719142. Epub 2021 Feb 22. PMID: 33618415.
- 150: Almahariq F, Sedmak G, Vuletić V, Dlaka D, Orešković D, Marčinković P, Raguž M, Chudy D. The Accuracy of Direct Targeting Using Fusion of MR and CT Imaging for Deep Brain Stimulation of the Subthalamic Nucleus in Patients with Parkinson's Disease. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Nov;82(6):518-525. doi: 10.1055/s-0040-1715826. Epub 2021 Feb 22. PMID: 33618414.
- 151: Allouch H, Kassem MES, Behnke-Mursch J, Mursch K. Safety and Accuracy of Ultrasound-guided Burr Hole Brain Abscess Aspiration. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Sep;82(5):446-452. doi: 10.1055/s-0040-1720989. Epub 2021 Feb 22. PMID: 33618413.
- 152: Balak N. Lumbar Microdiscectomy. *J Neurol Surg A Cent Eur Neurosurg*. 2021 May;82(3):294-296. doi: 10.1055/s-0040-1722749. Epub 2021 Feb 22. PMID: 33618412.
- 153: Vellutini EAS, Stamm AEC, de Oliveira MF. Spontaneous Regression of a Clival Chordoma: An Unusual Case Report. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Feb 22. doi: 10.1055/s-0040-1720990. Epub ahead of print. PMID: 33618411.
- 154: Umana GE, Scalia G, Spitaleri A, Alberio N, Fricia M, Tomasi SO, Nicoletti GF, Cicero S. Use of Gelatin-thrombin Hemostatic Matrix for Control of Ruptured Cerebral Aneurysm. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Feb 22. doi: 10.1055/s-0040-1720986. Epub ahead of print. PMID: 33618410.
- 155: Polemikos M, Kiepe F, Al-Afif S, Bronzlik P, Krauss JK. When Fat Hits the Brain: Intraventricular and Subarachnoid Fat Migration Secondary to a Complex Sacropelvic Fracture-Diagnosis and Treatment. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Feb 22. doi: 10.1055/s-0041-1722967. Epub ahead of print. PMID: 33618409.
- 156: Kawaguchi T, Ogawa Y, Watanabe M, Tominaga T. Aggressive pituitary neuroendocrine tumor Not Fulfilling the New High-Risk Criteria with Progression after 18-Year Stable Clinical Course: Case Report. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Feb 22. doi: 10.1055/s-0040-1722195. Epub ahead of print. PMID: 33618408.
- 157: Al Barim B, Müther M, Schipmann S, Stummer W, Schwake M. Pedicle Subtraction Osteotomy for Deformity Correction in the Upper Cervical Spine: A Technical Note. *J Neurol Surg A Cent Eur Neurosurg*. 2022 Jan;83(1):69-74. doi: 10.1055/s-0040-1721003. Epub 2021 Feb 14. PMID: 33583013.
- 158: Papasilekas T, Themistoklis KM, Melanis K, Patrikelis P, Spartalis E, Korfiatis S, Sakas D. A Brief Review of Brain's Blood Flow-Metabolism Coupling and Pressure Autoregulation. *J Neurol Surg A Cent Eur Neurosurg*. 2021 May;82(3):257-261. doi: 10.1055/s-0040-1721682. Epub 2021 Feb 14. PMID: 33583012.

- 159: Świątnicki W, Szymański J, Szymańska A, Komuński P. Predictors of Intraoperative Aneurysm Rupture, Aneurysm Remnant, and Brain Ischemia following Microsurgical Clipping of Intracranial Aneurysms: Single-Center, Retrospective Cohort Study. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Sep;82(5):410-416. doi: 10.1055/s-0040-1721004. Epub 2021 Feb 14. PMID: 33583011.
- 160: Wang HW, Wu C, Xue Z, Shu XJ, Sun ZH. A Supplemental Technique for Preoperative Evaluation of Giant Intracranial Aneurysm. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Sep;82(5):424-429. doi: 10.1055/s-0040-1721006. Epub 2021 Feb 14. PMID: 33583010.
- 161: Lackermair S, Egermann H, Müller A. Distribution of Underlying Causative Organisms, Patient Age, and Survival in Spontaneous spondylodiscitis with Special Focus on Elderly Patients. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Feb 14. doi: 10.1055/s-0040-1721005. Epub ahead of print. PMID: 33583009.
- 162: Košťál P, Mrhálek T, Kajanová A, Bombic M, Kubále J, Šterba L, Ostrý S, Fiedler J. Changes in Cognition and Hemodynamics 1 Year after Carotid Endarterectomy for Asymptomatic Stenosis. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Nov;82(6):505-511. doi: 10.1055/s-0040-1720985. Epub 2021 Feb 14. PMID: 33583008.
- 163: Veldeman M, Höllig A, Clusmann H, Schubert GA. Coarctation of the Aorta as a Rare Indirect Cause of Aneurysmal Subarachnoid Hemorrhage in the Adolescent: A Case Report and Review of the Literature. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Feb 14. doi: 10.1055/s-0040-1721000. Epub ahead of print. PMID: 33583007.
- 164: Sitz M, Rot S, Gutowski P, Kreißl L, Lemcke J. Step Back in Order to Go Forward: Willful Enlargement and Sandwich Closure Technique for Spinal Dura Repair after Several Unsuccessful Closure Attempts. *J Neurol Surg A Cent Eur Neurosurg*. 2022 Jan;83(1):66-68. doi: 10.1055/s-0040-1721020. Epub 2021 Feb 4. PMID: 33540456.
- 165: Hore N, Lücking H, Schmitt H, Buchfelder M, Brandner S. Pedicle Screw Instrumentation of the Cervicothoracic Junction in the Sitting Position using CT-guided Navigation: Application and Technical Aspects. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Mar;82(2):176-181. doi: 10.1055/s-0040-1718409. Epub 2021 Feb 4. PMID: 33540455.
- 166: Zawy Alsofy S, Nakamura M, Ewelt C, Kafchitsas K, Lewitz M, Schipmann S, Suero Molina E, Santacroce A, Stroop R. Retrospective Comparison of Minimally Invasive and Open Monosegmental Lumbar Fusion, and Impact of Virtual Reality on Surgical Planning and Strategy. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Sep;82(5):399-409. doi: 10.1055/s-0040-1719099. Epub 2021 Feb 4. PMID: 33540454.
- 167: Tariciotti L, Brunetto GMF, Landi A, Gregori F, Santoro F, Frati A, Delfini R, Santoro A. Outcome Features Analysis in Intramedullary Tumors of the Cervicomedullary Junction: A Surgical Series. *J Neurol Surg A Cent Eur Neurosurg*. 2021 May;82(3):225-231. doi: 10.1055/s-0040-1719080. Epub 2021 Feb 4. PMID: 33540453.
- 168: Dietz N, Sharma M, Alhourani A, Ugiliweneza B, Nuno M, Drazin D, Wang D, Boakye M. Preoperative and Postoperative Opioid Dependence in Patients Undergoing Anterior Cervical Discectomy and Fusion for Degenerative Spinal Disorders. *J Neurol Surg A Cent Eur Neurosurg*. 2021 May;82(3):232-240. doi: 10.1055/s-0040-1718759. Epub 2021 Feb 4. PMID: 33540452.
- 169: Chen K, Wang K, Chen D, Niu H, Yang S, Wang Y. Surgical Procedure in the Treatment of Organized Chronic Subdural Hematoma: A Single-Center Experience. *J Neurol Surg A Cent Eur Neurosurg*. 2021 May;82(3):241-247. doi: 10.1055/s-0040-1721007. Epub 2021 Feb 4. PMID:

33540451.

170: Papasilekas T, Themistoklis KM, Andreou A, Vlachos K, Foroglou N. Greek Registry of Cerebral Aneurysms. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Mar;82(2):189-190. doi: 10.1055/s-0040-1720983. Epub 2021 Feb 4. PMID: 33540450.

171: Szczygielski J, München D, Ketter R, Ràkász L, Schulz-Schaeffer W, Oertel J. Head Injury without Head Blow? A Rare Case of Subdural Hematoma Associated with Minute Arachnoid Cyst in a Teenage Skater. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Nov;82(6):604-610. doi: 10.1055/s-0040-1721021. Epub 2021 Feb 4. PMID: 33540449.

172: De Trizio I, Reinert M, Robert T. Ruptured MCA Aneurysm Mimicking MCA Territory Ischemic Stroke: A Case Report and Review of the Literature. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Feb 4. doi: 10.1055/s-0040-1720995. Epub ahead of print. PMID: 33540448.

173: Crobeddu E, Piloni G, Zenga F, Cossandi C, Garbossa D, Lanotte M. Dissecting Aneurysm of the L1 Radiculomedullary Artery Associated with Subarachnoid Hemorrhage: A Case Report. *J Neurol Surg A Cent Eur Neurosurg*. 2022 Jan;83(1):99-103. doi: 10.1055/s-0040-1720997. Epub 2021 Feb 4. PMID: 33540447.

174: Rickert M, Rauschmann M, Latif-Richter N, Arabmotlagh M, Rahim T, Schmidt S, Fleege C. Management of Deep Spinal Wound Infections Following Instrumentation Surgery with Subfascial Negative Pressure Wound Therapy. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Jan 27. doi: 10.1055/s-0040-1720999. Epub ahead of print. PMID: 33506474.

175: Ridwan S, Urbach H, Greschus S, Hagen JV, Esche J, Boström A. Health Economic Aspects of Aneurysmal Subarachnoid Hemorrhage: Factors Determining First Year In-Hospital Treatment Expenses. *J Neurol Surg A Cent Eur Neurosurg*. 2021 May;82(3):204-210. doi: 10.1055/s-0040-1720982. Epub 2021 Jan 24. PMID: 33486751.

176: Rasmussen J, Ajler P, Massa D, Plou P, Baccanelli M, Yampolsky C. Surgical Indication Optimization of Brain Metastases Based on the Evolutionary Analysis of Karnofsky Performance Status. *J Neurol Surg A Cent Eur Neurosurg*. 2021 May;82(3):211-217. doi: 10.1055/s-0040-1714410. Epub 2021 Jan 24. PMID: 33486750.

177: Pintea B, Krämer N, Müller A, Geiger MF, Podlogar M, Weber P, Kristof RA. Comparison of the Minimally Invasive Tubular Transmuscular Approach with the Conventional Microsurgical Approach for Microsurgical Treatment of Lumbar Disk Herniation: A Prospective Randomized Study. *J Neurol Surg A Cent Eur Neurosurg*. 2021 May;82(3):218-224. doi: 10.1055/s-0040-1721019. Epub 2021 Jan 24. PMID: 33486749.

178: Klingler JH, Hubbe U, Scholz C, Krüger MT. Facet-Sparing Decompression of Lumbar Spinal Stenosis: The Minimally Invasive Bilateral Crossover Approach. *J Neurol Surg A Cent Eur Neurosurg*. 2021 May;82(3):278-284. doi: 10.1055/s-0040-1718521. Epub 2021 Jan 21. PMID: 33477189.

179: Deng M, Huang H, Ma YG, Zhou Y, Chen Q, Xie P. Intradiskal Injection of Methylene Blue for Discogenic Back Pain: A Meta-Analysis of Randomized Controlled Trials. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Mar;82(2):161-165. doi: 10.1055/s-0040-1721015. Epub 2021 Jan 21. PMID: 33477188.

180: Ille S, Wagner A, Joerger AK, Wostrack M, Meyer B, Shibani E. Predictive Value of Transcranial Evoked Potential Monitoring for Intramedullary Spinal Cord Tumors. *J Neurol Surg A Cent Eur*

Neurosurg. 2021 Jul;82(4):325-332. doi: 10.1055/s-0040-1710504. Epub 2021 Jan 21. PMID: 33477187.

181: Bovo N, Momjian S, Gondar R, Bijlenga P, Schaller K, Boëx C. Sensitivity and Negative Predictive Value of Motor Evoked Potentials of the Facial Nerve. *J Neurol Surg A Cent Eur Neurosurg.* 2021 Jul;82(4):317-324. doi: 10.1055/s-0040-1719026. Epub 2021 Jan 21. PMID: 33477186.

182: Piloni M, Gagliardi F, Bailo M, Barzaghi LR, Callea M, Terreni M, Falini A, Castellano A, Mortini P. Hemorrhagic Suprasellar Central Nervous System Embryonal Tumor in an Adult: Uncommon Features of an Extremely Rare Neoplasm. *J Neurol Surg A Cent Eur Neurosurg.* 2022 Jan;83(1):89-98. doi: 10.1055/s-0040-1721022. Epub 2021 Jan 21. PMID: 33477185.

183: Prell J, Scheller C, Simmermacher S, Strauss C, Rampp S. Facial Nerve EMG: Low-Tech Monitoring with a Stopwatch. *J Neurol Surg A Cent Eur Neurosurg.* 2021 Jul;82(4):308-316. doi: 10.1055/s-0040-1701616. Epub 2021 Jan 8. PMID: 33418594.

184: Karaoglu DG, Polat O, Uckun OM, Karadeniz R, Belen D, Dalgic A. Posterior Endoscope-Assisted Discectomy Is an Effective Technique for Cervical Soft Disk Herniation. *J Neurol Surg A Cent Eur Neurosurg.* 2021 May;82(3):197-203. doi: 10.1055/s-0040-1709166. Epub 2021 Jan 6. PMID: 33406534.

185: Cui Y, Zhou Y, Liu J, Duan D, Gong L, Li W. ACDF plus Uncovertebrectomy versus ACDF alone for the Treatment of Cervical Spondylotic Radiculopathy: Minimum 5-Year Follow-Up. *J Neurol Surg A Cent Eur Neurosurg.* 2021 Mar;82(2):154-160. doi: 10.1055/s-0040-1720992. Epub 2021 Jan 1. PMID: 33386028.

186: Bertram U, Clusmann H, Geiger MF, Riabikin A, Mueller CA, Blume C. Accuracy of Intraoperative Computed Tomography Assisted Dorsal Instrumentation in Spinal Revision Surgery. *J Neurol Surg A Cent Eur Neurosurg.* 2021 May;82(3):191-196. doi: 10.1055/s-0040-1721016. Epub 2021 Jan 1. PMID: 33386027.

187: Son BC. Entrapment of the Greater Occipital Nerve with Chronic Migraine and Severe Facial Pain: A Case Report. *J Neurol Surg A Cent Eur Neurosurg.* 2021 Sep;82(5):494-499. doi: 10.1055/s-0040-1719109. Epub 2021 Jan 1. PMID: 33386026.

188: Yang HY, Zhang YG, Zhao D, Sun GM, Ma Y, Hao YH, Yang Q. A New Posterior Extensor Attachment-Point Reconstruction Technique for Cervical Spondylotic Myelopathy Involving C2 Segment: Clinical Outcome and Safety. *J Neurol Surg A Cent Eur Neurosurg.* 2021 Mar;82(2):169-175. doi: 10.1055/s-0040-1719102. Epub 2020 Dec 22. PMID: 33352613.

189: Policicchio D, Ticca S, Dipellegrini G, Doda A, Muggianu G, Boccaletti R. Multimodal Surgical Management of Cerebral Lesions in Motor-Eloquent Areas Combining Intraoperative 3D Ultrasound with Neurophysiological Mapping. *J Neurol Surg A Cent Eur Neurosurg.* 2021 Jul;82(4):344-356. doi: 10.1055/s-0040-1717111. Epub 2020 Dec 22. PMID: 33352612.

190: Marengo-Hillebrand L, Suarez-Meade P, Chaichana KL. Bur Hole-Based Resections of Intrinsic Brain Tumors with Exoscopic Visualization. *J Neurol Surg A Cent Eur Neurosurg.* 2021 Mar;82(2):105-111. doi: 10.1055/s-0040-1719108. Epub 2020 Dec 22. PMID: 33352611.

191: Goertz L, Stavrinou P, Hamisch C, Perrech M, Czybulka DM, Mehdiani K, Timmer M, Goldbrunner R, Krischek B. Impact of Obesity on Complication Rates, Clinical Outcomes, and Quality of Life after Minimally Invasive Transforaminal Lumbar Interbody Fusion. *J Neurol Surg A Cent Eur Neurosurg.* 2021 Mar;82(2):147-153. doi: 10.1055/s-0040-1718758. Epub 2020 Dec 22. PMID: 33352610.

192: Sugiura K, Yamashita K, Manabe H, Ishihama Y, Tezuka F, Takata Y, Sakai T, Maeda T, Sairyo K. Prompt Return to Work after Bilateral Transforaminal Full- endoscopic Lateral Recess Decompression under Local Anesthesia: A Case Report. *J Neurol Surg A Cent Eur Neurosurg.* 2021 May;82(3):289-293. doi: 10.1055/s-0040-1712463. Epub 2020 Dec 22. PMID: 33352609.

193: Steinsiepe VK, Frick H, Jochum W, Fournier JY. Differential Diagnosis of Central Neurocytoma: Two Cases. *J Neurol Surg A Cent Eur Neurosurg.* 2021 Nov;82(6):599-603. doi: 10.1055/s-0040-1718693. Epub 2020 Dec 22. PMID: 33352608.

194: Okasha M, Ineson G, Pesic-Smith J, Surash S. Transcortical Approach to Deep-Seated Intraventricular and Intra-axial Tumors Using a Tubular Retractor System: A Technical Note and Review of the Literature. *J Neurol Surg A Cent Eur Neurosurg.* 2021 May;82(3):270-277. doi: 10.1055/s-0040-1719025. Epub 2020 Dec 15. PMID: 33321519.

195: García-Duque S, García-Leal R, Iza-Vallejo B, Castro-Reyes E, Fortea F, Villoria F, Langer DJ, Diamantopoulos J, Belda-Iniesta C, Ayuso-Sacido A. Brain Arteriovenous Malformations: Impact of Neurologic Status, Bleeding, and Type of Treatment on Final Outcome. *J Neurol Surg A Cent Eur Neurosurg.* 2021 Mar;82(2):130-137. doi: 10.1055/s-0040-1714659. Epub 2020 Dec 8. PMID: 33291154.

196: Berra LV, Armocida D, Mastino L, Rita AD, Norcia VD, Santoro A, Piccirilli M. Trigeminal Neuralgia Secondary to Intracranial Neoplastic Lesions: a Case Series and Comprehensive Review. *J Neurol Surg A Cent Eur Neurosurg.* 2021 Mar;82(2):118-124. doi: 10.1055/s-0040-1718708. Epub 2020 Dec 8. PMID: 33291153.

197: Bender M, Naumann T, Uhl E, Stein M. Early Serum Biomarkers for Intensive Care Unit Treatment within the First 24 Hours in Patients with Intracerebral Hemorrhage. *J Neurol Surg A Cent Eur Neurosurg.* 2021 Mar;82(2):138-146. doi: 10.1055/s-0040-1716516. Epub 2020 Dec 8. PMID: 33291152.

198: Winter F, Blair L, Buchfelder M, Roessler K. Risk Factors for Poor Postoperative Outcome and Epileptic Symptoms in Patients Diagnosed with Cerebral Cavernous Malformations. *J Neurol Surg A Cent Eur Neurosurg.* 2021 Jan;82(1):59-63. doi: 10.1055/s-0040-1715496. Epub 2020 Dec 5. PMID: 33278828.

199: Roessler K, Winter F, Wilken T, Pataraia E, Mueller-Gerbl M, Dorfer C. Robotic Navigated Laser Craniotomy for Depth Electrode Implantation in Epilepsy Surgery: A Cadaver Lab Study. *J Neurol Surg A Cent Eur Neurosurg.* 2021 Mar;82(2):125-129. doi: 10.1055/s-0040-1720998. Epub 2020 Dec 5. PMID: 33278827.

200: Knappe UJ, Reinecke D, Flörke M, Horn P, Schönmayr R. Facet Joint Replacement: Intermediate- and Long-Term Outcome in a Large Case Series. *J Neurol Surg A Cent Eur Neurosurg.* 2021 Jan;82(1):34-42. doi: 10.1055/s-0040-1716534. Epub 2020 Dec 5. PMID: 33278826.

201: Nerntengian N, Gkasdaris G, Baretas N, Theodoropoulou E, Birbilis T. The Use of Real-Time 3D Intraoperative Ultrasound "Angiography" in Localization and Occlusion Control of a Ruptured Mycotic Aneurysm: A Case Report. *J Neurol Surg A Cent Eur Neurosurg.* 2021 Sep;82(5):500-504. doi: 10.1055/s-0040-1720988. Epub 2020 Dec 5. PMID: 33278825.

202: Covrig RC, Petridou J, Knappe UJ. Atypical Presentation of Neurobrucellosis as Infection of Ventriculoperitoneal Shunt. *J Neurol Surg A Cent Eur Neurosurg.* 2021 Mar;82(2):186-188. doi: 10.1055/s-0040-1720981. Epub 2020 Dec 5. PMID: 33278824.

- 203: Scollato A, Trungu S, Forcato S, Ricciardi L, Miscusi M, Gallina P, Raco A. Fenestration of Peritoneal Catheter to Avoid Abdominal Pseudocyst Formation after Ventriculoperitoneal Shunts: A Technical Note. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Mar;82(2):166-168. doi: 10.1055/s-0040-1712532. Epub 2020 Dec 1. PMID: 33260246.
- 204: Delgado-Fernández J, Frade-Porto N, Blasco G, Gonzalez-Tarno P, Gil-Simoes R, Pulido P, Sola RG. Simulation with 3D Neuronavigation for Learning Cortical Bone Trajectory Screw Placement. *J Neurol Surg A Cent Eur Neurosurg*. 2021 May;82(3):262-269. doi: 10.1055/s-0040-1715485. Epub 2020 Dec 1. PMID: 33260245.
- 205: Tejada S, Becerra-Castro MV, Nuñez-Cordoba J, Díez-Valle R. Ki-67 Proliferative Activity in the Tumor Margins as a Robust Prognosis Factor in Glioblastoma Patients. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Jan;82(1):53-58. doi: 10.1055/s-0040-1709730. Epub 2020 Dec 1. PMID: 33260244.
- 206: Valluzzi A, Sorenson T, Nasi D, Acciarri N, Palandri G, Pavesi G. Spontaneous Regression of a Giant Traumatic Herniated Thoracic Disk: A Case Report and Review of the Literature. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Mar;82(2):182-185. doi: 10.1055/s-0040-1712501. Epub 2020 Dec 1. PMID: 33260243.
- 207: Hou K, Guo Y, Chen H, Yu J. Dissecting Aneurysm of the Anterior Temporal Artery: A Rare Case Report and Literature Review. *J Neurol Surg A Cent Eur Neurosurg*. 2021 May;82(3):285-288. doi: 10.1055/s-0040-1712502. Epub 2020 Dec 1. PMID: 33260242.
- 208: Yüce I, Kahyaoğlu O, Çavuşoğlu H, Aydın Y. Surgical Outcomes of Extraforaminal Microdiscectomy by Midline Incision for Far-Lateral Lumbar Disk Herniation. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Jan;82(1):27-33. doi: 10.1055/s-0040-1714367. Epub 2020 Nov 6. PMID: 33157565.
- 209: Yu L, Zhang G, Qi S. Aggressive Treatment in Glioblastoma: What Determines the Survival of Patients? *J Neurol Surg A Cent Eur Neurosurg*. 2021 Mar;82(2):112-117. doi: 10.1055/s-0040-1713172. Epub 2020 Nov 6. PMID: 33157564.
- 210: Deopujari CE, Shaikh ST, Karmarkar VS, Sudke AY, Mohanty CB, Biyani NK. Experience with Management of Intracranial Arachnoid Cysts. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Jan;82(1):43-52. doi: 10.1055/s-0040-1718522. Epub 2020 Nov 6. PMID: 33157563.
- 211: Cenzato M, Stefini R, Zenga F, Piparo M, Debernardi A, Costi I, Fava E. Cerebellopontine Angle Surgery Assisted by Continuous Mapping of the Facial Nerve Via the Ultrasonic Aspirator. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Jul;82(4):369-374. doi: 10.1055/s-0040-1709162. Epub 2020 Oct 21. PMID: 33086423.
- 212: Tokarev A, Rak V, Stepanov V, Zuev S, Evdokimova O, Viktorova O, Rozhnova E. Fractionated Radiosurgical Treatment of Intracerebral Schwannoma: A Case Report and Literature Review. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Jan;82(1):90-94. doi: 10.1055/s-0040-1712464. Epub 2020 Oct 21. PMID: 33086422.
- 213: Raymaekers V, Beck T, Goebel S, Janssens F, Van den Branden L, Menovsky T, Plazier M. An Acute Spinal Intradural Hematoma after an Extraforaminal Wiltse Approach: A Case Report and Review of the Literature. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Jan;82(1):100-104. doi: 10.1055/s-0040-1714432. Epub 2020 Oct 21. PMID: 33086421.
- 214: Mindermann T, Heckl S. Radiosurgery for Sporadic Benign Synchronous Tumors of the Cerebellopontine Angle. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Jan;82(1):95-99. doi: 10.1055/s-0040-1714424. Epub 2020 Oct 21. PMID: 33086420.

215: Wykes V, Zisakis A, Irimia M, Ughratdar I, Sawlani V, Watts C. Importance and Evidence of Extent of Resection in Glioblastoma. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Jan;82(1):75-86. doi: 10.1055/s-0040-1701635. Epub 2020 Oct 13. PMID: 33049795.

216: Krauss P, Oertel MF, Baumann-Vogel H, Imbach L, Baumann CR, Sarnthein J, Regli L, Stieglitz LH. Intraoperative Neurophysiologic Assessment in Deep Brain Stimulation Surgery and its Impact on Lead Placement. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Jan;82(1):18-26. doi: 10.1055/s-0040-1716329. Epub 2020 Oct 13. PMID: 33049794.

217: Fan Q. Pseudohypoxic Brain Swelling after Drilling and Drainage for Chronic Subdural Hematoma. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Jan;82(1):87-89. doi: 10.1055/s-0040-1712500. Epub 2020 Oct 13. PMID: 33049793.

218: Wach J, Banat M, Borger V, Vatter H, Haberl H, Sarikaya-Seiwert S. Intraoperative MRI-guided Resection in Pediatric Brain Tumor Surgery: A Meta- analysis of Extent of Resection and Safety Outcomes. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Jan;82(1):64-74. doi: 10.1055/s-0040-1714413. Epub 2020 Sep 23. PMID: 32968998.

219: Ruf M, Pitzen T, Meyer C, Drumm J. Atlantoaxial Rotatory Dislocation: Delayed Diagnose Will Result in More Invasive Treatment Options. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Jan;82(1):1-8. doi: 10.1055/s-0040-1712940. Epub 2020 Sep 23. PMID: 32968997.

220: Leu S, Kamenova M, Mariani L, Soleman J. Ultrasound-Guided Insertion of the Ventricular Catheter in Ventriculoperitoneal Shunt Surgery: Evaluation of Accuracy and Feasibility in a Prospective Cohort. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Jan;82(1):9-17. doi: 10.1055/s-0040-1714388. Epub 2020 Sep 23. PMID: 32968996.

221: Oraee-Yazdani S, Golmohammadi M, Akhlaghpasand M, Oraee-Yazdani M. Covering of Plate after Anterior Cervical Fusion in Patients with Complete Spinal Cord Injury to Prevent Esophageal Injury: Technical Note. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Nov;81(6):546-548. doi: 10.1055/s-0040-1710547. Epub 2020 Sep 10. PMID: 32911553.

222: Huang CJ, Liu X, Zhou XT, Qian W, Li CH, Wang JH, Zhang W, Zou Y. Neuroendoscopy-Assisted Evacuation of Chronic Subdural Hematoma with Mixed CT Density Through A Novel Small Bone Flap. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Nov;81(6):549-554. doi: 10.1055/s-0040-1715121. Epub 2020 Sep 10. PMID: 32911552.

223: Heyde CE, Spiegl UJA, Voelker A, von der Hoeh N, Henkelmann J. Imaging in the Diagnosis of Nonspecific Pyogenic Spondylodiskitis. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Sep 10. doi: 10.1055/s-0040-1709168. Epub ahead of print. PMID: 32911551.

224: Zagzoog N, Alsunbul W, Elgheriani A, Takroni R, Reddy K. Mini-Tubular Access Surgery: A Single Surgeon's 12 Years in the Corridors of the Neuroaxis. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Nov;81(6):513-520. doi: 10.1055/s-0039-1688561. Epub 2020 Sep 10. PMID: 32911550.

225: Pilz M, Stummer W, Holling M. Neurosurgery in Contemporary Medical Dramas: How Grey's Anatomy & Co. May Affect Perception of Neurosurgery in the Media. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Nov;81(6):495-500. doi: 10.1055/s-0040-1709169. Epub 2020 Sep 10. PMID: 32911549.

226: Geiger MF, Wilhelmy S, Schmidt M, Firsching R, Groß D, Clusmann H. Current Practice of Neurosurgical Teleconsultation in Germany. *J Neurol Surg A Cent Eur Neurosurg*. 2020

Nov;81(6):521-528. doi: 10.1055/s-0040-1710505. Epub 2020 Sep 10. PMID: 32911548.

227: Seo H, Kim SH, Ryu J, Lee SH. Spontaneous Intraparenchymal Tension Pneumocephalus. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Nov;81(6):575-578. doi: 10.1055/s-0040-1713798. Epub 2020 Sep 10. PMID: 32911547.

228: Dietz N, Sharma M, Alhourani A, Ugiliweneza B, Wang D, Drazin D, Boakye M. Evaluation of Predictive Models for Complications following Spinal Surgery. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Nov;81(6):535-545. doi: 10.1055/s-0040-1709709. Epub 2020 Aug 14. PMID: 32797468.

229: Huschbeck A, Knoop M, Gahleitner A, Koch S, Schrom T, Stoffel M, Alfieri A, Dengler J. Recurrent Laryngeal Nerve Palsy after Anterior Cervical Discectomy and Fusion - Prevalence and Risk Factors. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Nov;81(6):508-512. doi: 10.1055/s-0040-1710351. Epub 2020 Aug 10. PMID: 32777828.

230: Leote J, Loução R, Viegas C, Lauterbach M, Perez-Hick A, Monteiro J, Nunes RG, Ferreira HA. Impact of Navigated Task-specific fMRI on Direct Cortical Stimulation. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Nov;81(6):555-564. doi: 10.1055/s-0040-1712496. Epub 2020 Jul 1. PMID: 32610351.

231: Sheinis D, Sheinis V, Benharroch D, Ohana N. Incidental Durotomy Following Transforaminal Lumbar Interbody Fusion Performed with the Modified Wiltse Approach. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Sep;81(5):399-403. doi: 10.1055/s-0039-1698390. Epub 2020 Jun 25. PMID: 32588413.

232: Kim KJ, Jang J, Jang IT. Epidural Catheter-Assisted Percutaneous Transforaminal Endoscopic Discectomy: A Technical Note. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Sep;81(5):472-474. doi: 10.1055/s-0040-1701636. Epub 2020 Jun 22. PMID: 32572873.

233: Lu C, Feng Y, Li H, Li S, Gu L, Liu W, Zhang P, Zhang H, Lu D. Microsurgical Treatment of 86 Anterior Choroidal Artery Aneurysms: Analysis of Factors Influencing the Prognosis. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Nov;81(6):501-507. doi: 10.1055/s-0039-3400952. Epub 2020 Jun 19. PMID: 32559770.

234: Sturiale CL, Ricciardi L, Marchese E, Puca A, Olivi A, Albanese A. Surgical Treatment of Anterior Communicating Artery Aneurysms: Hints and Precautions for Young Cerebrovascular Surgeons. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Sep;81(5):463-471. doi: 10.1055/s-0039-3401985. Epub 2020 Jun 5. PMID: 32503069.

235: Yamasaki DS, Nickerson DS, Anderson JC. Acute Improvement in Intraoperative EMG During Common Fibular Nerve Decompression in Patients with Symptomatic Diabetic Sensorimotor Peripheral Neuropathy: EMG and Clinical Attribute Interrelations. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Nov;81(6):484-494. doi: 10.1055/s-0040-1701619. Epub 2020 May 26. PMID: 32455446.

236: Xuan Z, Yu W, Dou Y, Wang T. Efficacy of Platelet-rich Plasma for Low Back Pain: A Systematic Review and Meta-analysis. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Nov;81(6):529-534. doi: 10.1055/s-0040-1709170. Epub 2020 May 21. PMID: 32438421.

237: Gorayeb RP, Forjaz MJ, Ferreira AG, Ferreira JJ. Use of Sham Interventions in Randomized Controlled Trials in Neurosurgery. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Sep;81(5):456-462. doi: 10.1055/s-0040-1709161. Epub 2020 May 21. PMID: 32438420.

238: Lavrador JP, Ghimire P, Brogna C, Furlanetti L, Patel S, Gullan R, Ashkan K, Bhangoo R, Vergani F. Pre- and Intraoperative Mapping for Tumors in the Primary Motor Cortex: Decision-Making Process in

Surgical Resection. J Neurol Surg A Cent Eur Neurosurg. 2021 Jul;82(4):333-343. doi: 10.1055/s-0040-1709729. Epub 2020 May 21. PMID: 32438419.

239: Firsching R, Voellger B, Woischneck D, Rashidi AM, König R, Luchtman M. Collision of Priorities in Posttraumatic Coma and Suspected Multiple Injuries: A Prospective Multicenter Trial. J Neurol Surg A Cent Eur Neurosurg. 2020 Sep;81(5):430-441. doi: 10.1055/s-0040-1701620. Epub 2020 May 21. PMID: 32438418.

240: Dubinski D, Won SY, Behmanesh B, Brawanski N, Seifert V, Senft C, Konczalla J. Reactive Thrombocytosis in Non-aneurysmal Subarachnoid Hemorrhage. J Neurol Surg A Cent Eur Neurosurg. 2020 Sep;81(5):412-417. doi: 10.1055/s-0040-1709167. Epub 2020 May 21. PMID: 32438417.

241: Kim SK, Ryu S, Kim ES, Lee SH, Lee SC. Radiologic Efficacy and Patient Satisfaction after Minimally Invasive Unilateral Laminotomy and Bilateral Decompression in Patients with Lumbar Spinal Stenosis: A Retrospective Analysis. J Neurol Surg A Cent Eur Neurosurg. 2020 Nov;81(6):475-483. doi: 10.1055/s-0040-1701621. Epub 2020 May 15. PMID: 32413931.

242: Pala A, Nadji-Ohl M, Faust K, Rückriegel S, Roder C, von der Brelie C, Forster MT, Löbel F, Schommer S, Löhr M, Grübel N, Rothenbacher D, König R, Engelke J, Schmitz B, Wirtz CR, Senft C, Rohde V, Tatagiba M, Ernestus RI, Vajkoczy P, Ganslandt O, Nagel G, Coburger J, Ringel F, Renovanz M. Erratum: Multicentric Registry Study on Epidemiological and Biological Disease Profile as Well as Clinical Outcome in Patients with Low-Grade Gliomas: The LoG-Glio Project. J Neurol Surg A Cent Eur Neurosurg. 2020 May 15. doi: 10.1055/s-0040-1712923. Epub ahead of print. Erratum for: J Neurol Surg A Cent Eur Neurosurg. 2020 Jan;81(1):48-57. PMID: 32413930.

243: Vega RA, Traylor JI, Patel R, Muir M, Bastos DCA, Prabhu SS. Combined Surgical Resection and Laser Interstitial Thermal Therapy for Glioblastoma: Technical Note. J Neurol Surg A Cent Eur Neurosurg. 2020 Jul;81(4):348-354. doi: 10.1055/s-0040-1709163. Epub 2020 May 3. PMID: 32361984.

244: Kim SK, Park SW, Lim BC, Lee SC. Comparison of Reoperation after Fusion and after Decompression for Degenerative Lumbar Spinal Stenosis: A Single-Center Experience of 987 Cases. J Neurol Surg A Cent Eur Neurosurg. 2020 Sep;81(5):392-398. doi: 10.1055/s-0040-1709164. Epub 2020 May 3. PMID: 32361983.

245: Dedeciusova M, Svoboda N, Benes V, Astl J, Netuka D. Olfaction in Olfactory Groove Meningiomas. J Neurol Surg A Cent Eur Neurosurg. 2020 Jul;81(4):310-317. doi: 10.1055/s-0040-1709165. Epub 2020 May 3. PMID: 32361982.

246: Uppar AM, Rao S, Prasad C, Arimappamagan A, Santosh V. Schwannoma of the Greater Superficial Petrosal Nerve: An Unusual Site for a Common Tumor. J Neurol Surg A Cent Eur Neurosurg. 2020 Nov;81(6):565-570. doi: 10.1055/s-0039-1685168. Epub 2020 May 3. PMID: 32361981.

247: Salomão R, de Oliveira JP Jr, Junger CF, Soares Ricardo LC Jr, de Lima CR, Acioly MA. Delayed Transfer of the Extensor Carpi Radialis Brevis Branch of the Radial Nerve to the Anterior Interosseous Nerve for Restoration of Thumb and Index Finger Flexion: Case Report. J Neurol Surg A Cent Eur Neurosurg. 2020 Nov;81(6):571-574. doi: 10.1055/s-0039-3400950. Epub 2020 May 3. PMID: 32361980.

248: Okada T, Miyahara K, Tanino S, Suzuki K, Watanabe N, Tanaka Y, Hataoka S, Uriu Y, Ichikawa T, Fujitsu K, Niino H, Yagishita S. Parieto-Occipital Interhemispheric Transfalcine, Trans-Bitentorial Approach for Radical Resection of Falcotentorial Meningiomas. J Neurol Surg A Cent Eur Neurosurg.

2020 Jul;81(4):355-361. doi: 10.1055/s-0039-1685181. Epub 2020 Apr 15. PMID: 32294794.

249: Zhu J, Wen G, Tang C, Zhong C, Yang J, Ma C. A Practical 3D-Printed Model for Training of Endoscopic and Exoscopic Intracerebral Hematoma Surgery with a Tubular Retractor. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Sep;81(5):404-411. doi: 10.1055/s-0039-1697023. Epub 2020 Apr 15. PMID: 32294793.

250: Du L, Zhao S, Zhu Z, Xue F, Zhang Y. Effect of Surgical Intervention on Neurologic Recovery in Patients with Central Cord Syndrome. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Jul;81(4):318-323. doi: 10.1055/s-0039-1691753. Epub 2020 Apr 15. PMID: 32294792.

251: Kwiatkowska K, Dębicka M, Maryniak A, Kwiatkowski S. Cognitive Impairment in Children with Arachnoid Cyst of Sylvian Fissure: Does it Justify the Neurosurgical Treatment? *J Neurol Surg A Cent Eur Neurosurg*. 2020 Jul;81(4):362-367. doi: 10.1055/s-0039-1698385. Epub 2020 Apr 15. PMID: 32294791.

252: Visagan R, Lavrador JP, Acharya S, Pereira N, Bodi I, Ashkan K, Bhangoo R, Vergani F. Reliability of Intraoperative Monitoring in Patients with a Preexisting Motor Deficit: Case Report and Literature Review. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Jul;82(4):387-391. doi: 10.1055/s-0039-1698396. Epub 2020 Mar 28. PMID: 32221963.

253: Sánchez Roldán MA, Tellez MJ, Mora F, Ghatan S, Roonprapunt C, Ulkatan S. Intraoperative Neurophysiologic Monitoring Correlates with Neurologic Outcome After Endovascular and Surgical Treatment of a Cervical Arteriovenous Malformation. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Jul;82(4):381-386. doi: 10.1055/s-0039-1700835. Epub 2020 Mar 28. PMID: 32221962.

254: Meggyesy M, Friese M, Gottschalk J, Kehler U. Case Report of Cerebellar Endometriosis. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Jul;81(4):372-376. doi: 10.1055/s-0040-1701622. Epub 2020 Mar 28. PMID: 32221961.

255: Krieg SM, Seidel K. Brain Mapping. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Mar;81(2):93-94. doi: 10.1055/s-0040-1702180. Epub 2020 Mar 16. PMID: 32176931.

256: Rohde V. Special Issue - The Idea Behind. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Mar;81(2):91-92. doi: 10.1055/s-0040-1705149. Epub 2020 Mar 16. PMID: 32176930.

257: Wende T, Hoffmann KT, Meixensberger J. Tractography in Neurosurgery: A Systematic Review of Current Applications. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Sep;81(5):442-455. doi: 10.1055/s-0039-1691823. Epub 2020 Mar 16. PMID: 32176926.

258: Yadav YR, Ratre S, Parihar V, Bajaj J, Sinha M, Kumar A. Endoscopic Management of Chronic Subdural Hematoma. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Jul;81(4):330-341. doi: 10.1055/s-0039-1698388. Epub 2020 Mar 16. PMID: 32176925.

259: Elshanawany A, Ragab M. Delayed Neurological Deterioration after Depressed Fracture over Superior Sagittal Sinus: Our Experience with 13 Patients. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Jul;81(4):324-329. doi: 10.1055/s-0039-1685189. Epub 2020 Mar 16. PMID: 32176924.

260: Pintea B, Surges R, Boström J. Headache Perception in an Epilepsy Patient with Neuromodulation by Anterior Thalamic Nuclei Deep Brain Stimulation: A Case Report. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Jul;81(4):368-371. doi: 10.1055/s-0039-1685508. Epub 2020 Mar 16. PMID: 32176923.

261: Wu B, Yuan H, Geng D, Zhang L, Zhang C. The Impact of a Stabilization Exercise on Neck Pain: A Systematic Review and Meta-analysis. *J Neurol Surg A Cent Eur Neurosurg.* 2020 Jul;81(4):342-347. doi: 10.1055/s-0039-3400953. Epub 2020 Mar 6. PMID: 32143228.

262: Onder H. Normal Pressure Hydrocephalus with Primary Presentation of Psychiatric Disturbance? *J Neurol Surg A Cent Eur Neurosurg.* 2020 Jul;81(4):377-378. doi: 10.1055/s-0039-3402772. Epub 2020 Mar 6. PMID: 32143227.

263: Ahmed N, Greenberg P, Shin SH. Pulmonary Complications and Sepsis Following Severe Acute Subdural Hematoma in Patients Who Underwent Craniotomy versus Craniectomy: A Propensity Score Matched Analysis. *J Neurol Surg A Cent Eur Neurosurg.* 2020 Jul;81(4):297-301. doi: 10.1055/s-0040-1701235. Epub 2020 Mar 3. PMID: 32126574.

264: Yokoya S, Hino A, Oka H. Treatment of Recurrent Intracranial Aneurysms: Gore-Tex Interposition Method for Prevention of Galvanic Corrosion at the Clips. *J Neurol Surg A Cent Eur Neurosurg.* 2020 May;81(3):261-263. doi: 10.1055/s-0039-1698387. Epub 2020 Feb 27. PMID: 32107756.

265: Picarelli H, Oliveira ML, Marta GN, Solla DJF, Teixeira MJ, Figueiredo EG. Mortality, Morbidity, and Prognostic Factors in the Surgical Resection of Brain Metastases: A Contemporary Cohort Study. *J Neurol Surg A Cent Eur Neurosurg.* 2020 Jul;81(4):279-289. doi: 10.1055/s-0039-1696997. Epub 2020 Feb 27. PMID: 32107755.

266: Jain N, Acharya S, Adsul NM, Haritwal MK, Kumar M, Chahal RS, Kalra KL. Lumbar Canal Stenosis: A Prospective Clinicoradiologic Analysis. *J Neurol Surg A Cent Eur Neurosurg.* 2020 Sep;81(5):387-391. doi: 10.1055/s-0039-1698393. Epub 2020 Feb 27. PMID: 32107754.

267: Mandonnet E, Mellerio C, Barberis M, Poisson I, Jansma JM, Rutten GJ. When Right Is on the Left (and Vice Versa): A Case Series of Glioma Patients with Reversed Lateralization of Cognitive Functions. *J Neurol Surg A Cent Eur Neurosurg.* 2020 Mar;81(2):138-146. doi: 10.1055/s-0040-1701625. Epub 2020 Feb 17. PMID: 32066189.

268: Sakreida K, Blume-Schnitzler J, Frankemölle G, Drews V, Heim S, Willmes K, Clusmann H, Neuloh G. Hemispheric Dominance for Language and Side Effects in Mapping the Inferior Frontal Junction Area with Transcranial Magnetic Stimulation. *J Neurol Surg A Cent Eur Neurosurg.* 2020 Mar;81(2):130-137. doi: 10.1055/s-0040-1701236. Epub 2020 Feb 11. PMID: 32045945.

269: Lin GX, Park CW, Suen TK, Kotheeranurak V, Jun SG, Kim JS. Full Endoscopic Technique for High-Grade Up-Migrated Lumbar Disk Herniation via a Translaminar Keyhole Approach: Preliminary Series and Technical Note. *J Neurol Surg A Cent Eur Neurosurg.* 2020 Sep;81(5):379-386. doi: 10.1055/s-0039-1700574. Epub 2020 Feb 11. PMID: 32045944.

270: Goelz L, Kreißl L, Gutowski P, Sparenberg P, Kirsch M, Mutze S. Unique Indications for Covered Stent Grafts in Neuroradiology Departments of Level 1 Trauma Centers. *J Neurol Surg A Cent Eur Neurosurg.* 2020 May;81(3):243-252. doi: 10.1055/s-0039-1697604. Epub 2020 Feb 11. PMID: 32045943.

271: Engelhardt M, Picht T. 1 Hz Repetitive Transcranial Magnetic Stimulation of the Primary Motor Cortex: Impact on Excitability and Task Performance in Healthy Subjects. *J Neurol Surg A Cent Eur Neurosurg.* 2020 Mar;81(2):147-154. doi: 10.1055/s-0040-1701624. Epub 2020 Feb 11. PMID: 32045942.

272: Pan X, Li J, Xu L, Deng S, Wang Z. Safety of Prophylactic Heparin in the Prevention of Venous

Thromboembolism After Spontaneous Intracerebral Hemorrhage: A Meta-analysis. *J Neurol Surg A Cent Eur Neurosurg.* 2020 May;81(3):253-260. doi: 10.1055/s-0039-3400497. Epub 2020 Jan 21. PMID: 31962358.

273: Linsenmann T, Westermaier T, Monoranu C, Amaya F, Keßler A, Ernestus RI, Löhr M, Stetter C. Malignant "Angioglioma": Clinical, Radiologic, and Histopathologic Features. *J Neurol Surg A Cent Eur Neurosurg.* 2020 Sep;81(5):418-422. doi: 10.1055/s-0039-1698389. Epub 2020 Jan 21. PMID: 31962357.

274: Huckhagel T, Bohlmann L, Westphal M, Regelsberger J, Eichler IC, Hamel W. Quantitative Sensory Changes Following Gasserian Ganglion Radiofrequency Thermocoagulation in Patients with Medical Refractory Trigeminal Neuralgia: A Prospective Consecutive Case Series. *J Neurol Surg A Cent Eur Neurosurg.* 2020 Sep;81(5):423-429. doi: 10.1055/s-0039-1698386. Epub 2020 Jan 21. PMID: 31962356.

275: Hirayama J, Hashimoto M, Sakamoto T. Clinical Outcomes Based on Preoperative Kambin's Triangular Working Zone Measurements on 3D CT/MR Fusion Imaging to Determine Optimal Approaches to Transforaminal Endoscopic Lumbar Discectomy. *J Neurol Surg A Cent Eur Neurosurg.* 2020 Jul;81(4):302-309. doi: 10.1055/s-0039-3400752. Epub 2020 Jan 21. PMID: 31962355.

276: Xu K, Hou K, Xu B, Guo Y, Yu J. Single-Stage Clipping of Seven Intracranial Aneurysms in the Anterior Circulation via Unilateral Pterional Approach: A Case Report and Literature Review. *J Neurol Surg A Cent Eur Neurosurg.* 2020 May;81(3):271-278. doi: 10.1055/s-0039-1698381. Epub 2020 Jan 21. PMID: 31962354.

277: Harati A, Oni P, Oles L, Reuter T, Hamdan M. Vertebral Body Osteolysis 6 Years After Cervical Disk Arthroplasty. *J Neurol Surg A Cent Eur Neurosurg.* 2020 Mar;81(2):188-192. doi: 10.1055/s-0039-1698435. Epub 2020 Jan 21. PMID: 31962353.

278: Bryl M, Fortuniak J, Wiśniewski K, Bobeff EJ, Jin Y, Papierz W, Jaskólski DJ. Inflammatory Myofibroblastic Tumor of Spinal Canal: Brief Case Report. *J Neurol Surg A Cent Eur Neurosurg.* 2020 May;81(3):264-270. doi: 10.1055/s-0039-3400756. Epub 2020 Jan 21. PMID: 31962352.

279: Woiciechowsky C, Richter LM. Endoscopic 4-MHz Radiofrequency Treatment of Facet Joint Syndrome Is More Than Just Denervation: One Incision for Three Facets. *J Neurol Surg A Cent Eur Neurosurg.* 2020 May;81(3):238-242. doi: 10.1055/s-0039-1698397. Epub 2020 Jan 14. PMID: 31935787.

280: Seidel K, Schucht P, Beck J, Raabe A. Continuous Dynamic Mapping to Identify the Corticospinal Tract in Motor Eloquent Brain Tumors: An Update. *J Neurol Surg A Cent Eur Neurosurg.* 2020 Mar;81(2):105-110. doi: 10.1055/s-0039-1698384. Epub 2020 Jan 14. PMID: 31935786.

281: Seidel K, Jeschko J, Schucht P, Bervini D, Fung C, Krejci V, Z'Graggen W, Fischer U, Arnold M, Goldberg J, Raabe A, Beck J. Somatosensory Evoked Potential and Transcranial Doppler Monitoring to Guide Shunting in Carotid Endarterectomy. *J Neurol Surg A Cent Eur Neurosurg.* 2021 Jul;82(4):299-307. doi: 10.1055/s-0039-1698441. Epub 2020 Jan 14. PMID: 31935785.

282: Hohenberger C, Zeman F, Höhne J, Ullrich OW, Brawanski A, Schebesch KM. Symptomatic Postoperative Spinal Epidural Hematoma after Spinal Decompression Surgery: Prevalence, Risk Factors, and Functional Outcome. *J Neurol Surg A Cent Eur Neurosurg.* 2020 Jul;81(4):290-296. doi: 10.1055/s-0039-1697024. Epub 2020 Jan 14. PMID: 31935784.

283: Freigang S, Fresnoza S, Mahdy Ali K, Zaar K, Jehna M, Reishofer G, Rammel K, Studencnik F,

Ischebeck A, von Campe G. Impact of Priming on Effectiveness of TMS in Detecting Language-eloquent Brain Areas in Tumor Patients. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Mar;81(2):111-129. doi: 10.1055/s-0039-1698382. Epub 2020 Jan 14. PMID: 31935783.

284: Strange F, Kienzler J, Muehleisen B, Diepers M, Fandino J, Remonda L, Marbacher S. Early Rupture of a Giant Basilar Artery Aneurysm after LEO Stenting: Case Report and Review of the Literature. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Mar;81(2):177-184. doi: 10.1055/s-0039-1693108. Epub 2020 Jan 14. PMID: 31935782.

285: Jannelli G, Joswig H, Bernava G, Meling TR, Bijlenga P. Dual Pathologies: Pial Arteriovenous Fistula in Combination with an Arteriovenous Malformation. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Mar;81(2):185-187. doi: 10.1055/s-0039-1698398. Epub 2020 Jan 14. PMID: 31935781.

286: Neumann A, Ditz C, Schacht H, Aulmann L, Tronnier VM, Schramm P, Küchler JN. Symptomatic Cerebral Vasospasm after Spontaneous Subarachnoid Hemorrhage: Comparison of Single and Multiple Intra-arterial Treatment with Respect to the Functional Outcome. *J Neurol Surg A Cent Eur Neurosurg*. 2020 May;81(3):220-226. doi: 10.1055/s-0039-1698434. Epub 2019 Nov 27. PMID: 31777052.

287: Kloth C, Eissler A, Schmidberger J, Gräter T, Scheuerle A, Kratzer W, Pedro MT. Quantitative Analysis of Superb Microvascular Imaging versus Color-Coded Doppler Sonography for Preoperative Evaluation of Vascularization of Schwannomas. *J Neurol Surg A Cent Eur Neurosurg*. 2020 May;81(3):213-219. doi: 10.1055/s-0039-1696680. Epub 2019 Nov 27. PMID: 31777051.

288: Götttsche J, Fritzsche F, Kammler G, Sauvigny T, Westphal M, Regelsberger J. A Comparison between Pediatric and Adult Patients after Cranioplasty: Aseptic Bone Resorption Causes Earlier Revision in Children. *J Neurol Surg A Cent Eur Neurosurg*. 2020 May;81(3):227-232. doi: 10.1055/s-0039-1698391. Epub 2019 Nov 27. PMID: 31777050.

289: Abdel Razek AAK, El-Serougy L, Ezzat A, Eldawooddy H, El-Morsy A. Interobserver Agreement of White Matter Tract Involvement in Gliomas with Diffusion Tensor Tractography. *J Neurol Surg A Cent Eur Neurosurg*. 2020 May;81(3):233-237. doi: 10.1055/s-0039-1700560. Epub 2019 Nov 27. PMID: 31777049.

290: Tomic L, Baschera D, Oberle J, Golubovic J, Alfieri A. Clinical Outcome of Dorsal Cervical C1-C2 Fusion Using C1 Lateral Mass Screws, C2 Lamina Screws, and Interarcual Bone Graft Technique. *J Neurol Surg A Cent Eur Neurosurg*. 2020 May;81(3):200-206. doi: 10.1055/s-0038-1677519. Epub 2019 Nov 19. PMID: 31746450.

291: Li H, Gao BL, Li CH, Wang JW, Liu JF, Yang ST. Endovascular Retreatment of Cerebral Aneurysms Previously Treated with Endovascular Embolization. *J Neurol Surg A Cent Eur Neurosurg*. 2020 May;81(3):207-212. doi: 10.1055/s-0039-1685513. Epub 2019 Nov 19. PMID: 31746449.

292: Ajlan AM, Albakr A, Alsaleh S, Alkhalidi H. Erratum: Endoscopic Transnasal Resection of Suprasellar Teratoma. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Jul;80(4):e1. doi: 10.1055/s-0039-3400464. Epub 2019 Nov 8. Erratum for: *J Neurol Surg A Cent Eur Neurosurg*. 2019 Jul;80(4):320-324. PMID: 31703235.

293: Krivosheya D, Rao G, Tummala S, Kumar V, Suki D, Bastos DCA, Prabhu SS. Impact of Multimodality Monitoring Using Direct Electrostimulation to Determine Corticospinal Tract Shift and Integrity in Tumors using the Intraoperative MRI. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Jul;82(4):375-380. doi: 10.1055/s-0039-1698383. Epub 2019 Oct 28. PMID: 31659724.

- 294: Keil P, Nettekoven C, Weiss K, Lichtenstein T, Goldbrunner R, Giese D, Weiss Lucas C. Accelerated Clustered Sparse Acquisition to Improve Functional MRI for Mapping Language Functions. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Mar;81(2):95-104. doi: 10.1055/s-0039-1691821. Epub 2019 Oct 28. PMID: 31659723.
- 295: Corniola MV, Meling TR, Bijlenga P, Bernava G, Machi P, Schaller K. Posterior Fossa Arteriovenous Malformations: Experience with 14 Patients and a Systematic Review of the Literature. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Mar;81(2):170-176. doi: 10.1055/s-0039-1691820. Epub 2019 Oct 28. PMID: 31659722.
- 296: Li MW, Jiang XF, Wu M, He F, Niu C. Clinical Research on Delayed Cure after Microvascular Decompression for Hemifacial Spasm. *J Neurol Surg A Cent Eur Neurosurg*. 2020 May;81(3):195-199. doi: 10.1055/s-0039-1698461. Epub 2019 Oct 10. PMID: 31600810.
- 297: Schwarz F, Simon M, Lawson McLean A, Kalff R, Waschke A. Assessment of Skin Flaps Above Cranial Defects Following Craniectomy: A Proposed Classification System. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Jan;81(1):58-63. doi: 10.1055/s-0039-1696996. Epub 2019 Oct 7. PMID: 31590193.
- 298: Aihara T, Endo K, Suzuki H, Sawaji Y, Urushibara M, Matsuoka Y, Takamatsu T, Murata K, Kusakabe T, Maekawa A, Ouchi J. Long-term Outcomes Following Lumbar Microendoscopic Discectomy and Microendoscopic Decompression: Minimum 10-year Follow-up Evaluation Performed Using a Patient-based Outcome Measure. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Mar;81(2):163-169. doi: 10.1055/s-0039-1688559. Epub 2019 Oct 3. PMID: 31581302.
- 299: Montemurro N. Glioblastoma Multiforme and Genetic Mutations: The Issue Is Not Over Yet. An Overview of the Current Literature. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Jan;81(1):64-70. doi: 10.1055/s-0039-1688911. Epub 2019 Sep 24. PMID: 31550738.
- 300: Pala A, Nadji-Ohl M, Faust K, Rückriegel S, Roder C, von der Brelie C, Forster MT, Löbel F, Schommer S, Löhr M, Renovanz M, Grübel N, Rothenbacher D, König R, Engelke J, Schmitz B, Wirtz CR, Ringel F, Senft C, Rohde V, Tatagiba M, Ernestus RI, Vajkoczy P, Ganslandt O, Nagel G, Coburger J. Multicentric Registry Study on Epidemiological and Biological Disease Profile as Well as Clinical Outcome in Patients with Low-Grade Gliomas: The LoG-Glio Project. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Jan;81(1):48-57. doi: 10.1055/s-0039-1693650. Epub 2019 Sep 24. Erratum in: *J Neurol Surg A Cent Eur Neurosurg*. 2020 May 15;: PMID: 31550737.
- 301: Guo AS, Lin GS, Xie DH, Huang Y, Zhou CF, Chen YF, Sun MZ, Shi GM, Lin RS. Effectiveness of Surgical Treatments for Basal Ganglia Hemorrhage and Imaging Factors Affecting Hematoma Evacuation Rate by Neuroendoscopic Surgery. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Mar;81(2):155-162. doi: 10.1055/s-0039-1698523. Epub 2019 Sep 24. PMID: 31550736.
- 302: Pietrantonio A, Trungu S, Delfini R, Raco A. Microsurgical Treatment of Anterior Communicating Artery Aneurysms: A 20-year Single-institution Experience. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Jan;81(1):33-43. doi: 10.1055/s-0039-1685507. Epub 2019 Sep 23. PMID: 31546264.
- 303: Saul D, Seitz MT, Weiser L, Oberthür S, Roch J, Bremmer F, Perske C, Viezens L, Sehmisch S, Lehmann W. Of Cestodes and Men: Surgical Treatment of a Spinal Hydatid Cyst. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Jan;81(1):86-90. doi: 10.1055/s-0039-1693707. Epub 2019 Sep 4. PMID: 31486051.
- 304: Schipmann S, Schwake M, Suero Molina E, Stummer W. Markers for Identifying and Targeting Glioblastoma Cells during Surgery. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Nov;80(6):475-487. doi: 10.1055/s-0039-1692976. Epub 2019 Aug 29. PMID: 31466109.

305: Tosić L, Baschera D, Oberle J, Alex A. Decompression and Dynamic Transpedicular Stabilization Using Polyetheretherketone Rods and Pedicle Screws vs. Decompression Alone for Single-Level Spinal Canal Stenosis with Listhesis: A Retrospective Case-Control Study. *J Neurol Surg A Cent Eur Neurosurg.* 2019 Nov;80(6):454-459. doi: 10.1055/s-0039-1688562. Epub 2019 Aug 29. PMID: 31466108.

306: Mastronardi L, Caputi F, Rinaldi A, Cacciotti G, Roperto R, Scavo CG, Stati G, Sufianov A. Typical Trigeminal Neuralgia: Comparison of Results between Patients Older and Younger than 65 Years Operated on with Microvascular Decompression by Retrosigmoid Approach. *J Neurol Surg A Cent Eur Neurosurg.* 2020 Jan;81(1):28-32. doi: 10.1055/s-0039-1693126. Epub 2019 Aug 29. PMID: 31466107.

307: Katano H, Yamada H, Nishikawa Y, Yamada K, Miyachi S, Mase M. Is Precise Targeting of the Recipient Artery in a Superficial Temporal Artery-Middle Cerebral Artery Anastomosis Crucial? *J Neurol Surg A Cent Eur Neurosurg.* 2019 Nov;80(6):441-453. doi: 10.1055/s-0039-1685169. Epub 2019 Aug 29. PMID: 31466106.

308: Elshanawany AM, Wahab AHA. Intracranial Acute Subdural Hematoma Following Spinal Anesthesia: Our Experience with Six Patients. *J Neurol Surg A Cent Eur Neurosurg.* 2020 Jan;81(1):44-47. doi: 10.1055/s-0039-1685184. Epub 2019 Aug 29. PMID: 31466105.

309: Bobeff EJ, Posmyk BJ, Bobeff KŁ, Fortuniak J, Wiśniewski K, Stawiski K, Stefańczyk L, Jaskólski DJ. Predicting Outcome and Conservative Treatment Failure in Patients with Skull Fracture after Traumatic Brain Injury: A Retrospective Cohort Study. *J Neurol Surg A Cent Eur Neurosurg.* 2019 Nov;80(6):460-469. doi: 10.1055/s-0039-1692672. Epub 2019 Aug 29. PMID: 31466104.

310: Bender M, Gramsch C, Herrmann L, Kim SW, Uhl E, Schöller K. Implementation of Transforaminal Endoscopic Lumbar Sequestrectomy in a German University Hospital Setting: A Long and Rocky Road. *J Neurol Surg A Cent Eur Neurosurg.* 2020 Jan;81(1):17-27. doi: 10.1055/s-0039-1694040. Epub 2019 Aug 29. PMID: 31466103.

311: Acarbaş A. A Novel Prognostic Marker in Patients Undergoing Spinal Surgery: Prognostic Nutritional Index. *J Neurol Surg A Cent Eur Neurosurg.* 2019 Nov;80(6):470-474. doi: 10.1055/s-0039-1693031. Epub 2019 Aug 29. PMID: 31466102.

312: Firsching R, Kohl J, Skalej M, Beuing O. Resolution of Brainstem Edema after Neurosurgical Occlusion of Dural Arteriovenous Fistulas of the Craniocervical Junction: Report of Three Cases and Review. *J Neurol Surg A Cent Eur Neurosurg.* 2020 Jan;81(1):80-85. doi: 10.1055/s-0039-1688560. Epub 2019 Aug 29. PMID: 31466101.

313: Jung A, Arlt F, Rosolowski M, Meixensberger J. Early Prognostication after Traumatic Brain Injury: Specific Validation of the IMPACT Prognostic Calculator in a Level 1 Trauma Center. *J Neurol Surg A Cent Eur Neurosurg.* 2019 Nov;80(6):423-429. doi: 10.1055/s-0039-1685137. Epub 2019 Aug 20. PMID: 31430797.

314: Findik H, Kanat A, Aydin MD, Cakir M, Ozmen SA, Okutucu M, Baykal O, Sipal S. Describing a New Mechanism of Retinal Detachment Secondary to Ophthalmic Artery Vasospasm Following Subarachnoid Hemorrhage: An Experimental Study. *J Neurol Surg A Cent Eur Neurosurg.* 2019 Nov;80(6):430-440. doi: 10.1055/s-0039-1685186. Epub 2019 Aug 20. PMID: 31430796.

315: Chirchiglia D, Chirchiglia P, Stroschio C, Volpentesta G, Lavano A. Suspected Pulmonary Embolism after Oxygen-Ozone Therapy for Low Back Pain. *J Neurol Surg A Cent Eur Neurosurg.* 2019 Nov;80(6):503-506. doi: 10.1055/s-0039-1685197. Epub 2019 Aug 20. PMID: 31430795.

- 316: Eftekhari B. A Simple Retractor for Anterior Cervical Discectomy. *J Neurol Surg A Cent Eur Neurosurg.* 2019 Nov;80(6):494-497. doi: 10.1055/s-0039-1685182. Epub 2019 Aug 13. PMID: 31408888.
- 317: Wach J, Goetz C, Shareghi K, Scholz T, Heßelmann V, Mager AK, Gottschalk J, Vatter H, Kremer P. Dual-Use Intraoperative MRI in Glioblastoma Surgery: Results of Resection, Histopathologic Assessment, and Surgical Site Infections. *J Neurol Surg A Cent Eur Neurosurg.* 2019 Nov;80(6):413-422. doi: 10.1055/s-0039-1692975. Epub 2019 Jul 4. PMID: 31272122.
- 318: Ridwan S, Kristof R. Cardiac Arrest in Patients with Poor-Grade Aneurysmal Subarachnoid Hemorrhage: A Single-Center Experience. *J Neurol Surg A Cent Eur Neurosurg.* 2019 Nov;80(6):409-412. doi: 10.1055/s-0039-1685506. Epub 2019 Jul 4. PMID: 31272121.
- 319: Ridwan S, Greschus S, Boström J, Barrera J, Esche J, Zur B, Klingmüller D, Boström A. Spontaneous Aneurysmal Subarachnoid Hemorrhage and Related Cortisol and Immunologic Alterations: Impact on Patients' Health-related Quality of Life. *J Neurol Surg A Cent Eur Neurosurg.* 2019 Sep;80(5):371-380. doi: 10.1055/s-0039-1677827. Epub 2019 Jul 4. PMID: 31272120.
- 320: Hwang SC, Shin DS. Endoscopic Treatment of Acute Subdural Hematoma with a Normal Small Craniotomy. *J Neurol Surg A Cent Eur Neurosurg.* 2020 Jan;81(1):10-16. doi: 10.1055/s-0039-1685509. Epub 2019 Jul 4. PMID: 31272119.
- 321: Harati A, Zeh D, Rohde S, Schultheiß R, Schmieder K, Hernesniemi J. Association between Vertebral Artery Hypoplasia and Vertebral Artery Aneurysms: A Case-Control Study. *J Neurol Surg A Cent Eur Neurosurg.* 2019 Sep;80(5):365-370. doi: 10.1055/s-0038-1677453. Epub 2019 Jul 4. PMID: 31272118.
- 322: Schöller K, Siller S, Brem C, Lutz J, Zausinger S. Diffusion Tensor Imaging for Surgical Planning in Patients with Cervical Spondylotic Myelopathy. *J Neurol Surg A Cent Eur Neurosurg.* 2020 Jan;81(1):1-9. doi: 10.1055/s-0039-1691822. Epub 2019 Jun 10. PMID: 31181580.
- 323: Kaestner S, van den Boom M, Deinsberger W. Frequency of and Risk Factors for Chronification in Traumatic Acute Subdural Hematoma following Conservative Therapy. *J Neurol Surg A Cent Eur Neurosurg.* 2019 Sep;80(5):359-364. doi: 10.1055/s-0039-1685188. Epub 2019 Jun 10. PMID: 31181579.
- 324: Romansky R, Naydenov E, Komitski S. A Rare Case of Parietal Skull Fibrosarcoma: Reconstruction with Free Myocutaneous Flap and Infrared Thermography Monitoring. *J Neurol Surg A Cent Eur Neurosurg.* 2019 Sep;80(5):387-390. doi: 10.1055/s-0039-1688688. Epub 2019 Jun 6. PMID: 31170739.
- 325: Raza HK, Jing J, Chen H, Zhu J, Zhang Z, Chansysouphanthong T, Cui G, Hua F, Ye X, Shi H, Jiang H. A Rare Case of Bilateral Vertebral Artery Dissection Associated with Essential Thrombocythemia. *J Neurol Surg A Cent Eur Neurosurg.* 2020 Jan;81(1):75-79. doi: 10.1055/s-0039-1691754. Epub 2019 Jun 6. PMID: 31170738.
- 326: Chung Y, Park W, Park JC, Chung J, Ahn JS. Intra-Aneurysmal Rupture of an Atheroma during the Clipping of Large Atherosclerotic Aneurysm of the Middle Cerebral Artery: A Case Report with Video Demonstration. *J Neurol Surg A Cent Eur Neurosurg.* 2019 Sep;80(5):391-395. doi: 10.1055/s-0039-1677826. Epub 2019 May 28. PMID: 31140180.
- 327: Nemir J, Štenger M, Jakovčević A, Domazet I, Njirić N, Paladino J. Adrenal Cortical Adenoma in the Spinal Canal: A Case Report and Review of the Literature. *J Neurol Surg A Cent Eur Neurosurg.* 2020

Jan;81(1):71-74. doi: 10.1055/s-0038-1676595. Epub 2019 May 24. PMID: 31127594.

328: Reinacher PC, Altenmüller DM, Krüger MT, Schulze-Bonhage A, Urbach H, Trippel M, Coenen VA, Delev D. Simultaneous Frame-assisted Stereotactic Placement of Subdural Grid Electrodes and Intracerebral Depth Electrodes. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Sep;80(5):353-358. doi: 10.1055/s-0039-1685193. Epub 2019 May 13. PMID: 31083743.

329: Nakamura S, Taguchi M. A New Percutaneous Endoscopic Instrument for Far- migrated Disk Herniation: A Retrospective Single-Institution Study. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Nov;80(6):488-493. doi: 10.1055/s-0038-1676598. Epub 2019 May 10. PMID: 31075812.

330: Ozdol C, Aghayev K. U-shaped Dural Flap: A Simple Method for Transcranial Skull Base Defect Repair-Technical Report. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Sep;80(5):396-398. doi: 10.1055/s-0039-1688558. Epub 2019 May 10. PMID: 31075811.

331: Burkhardt T, Czorlich P, Mende KC, Treitz A, Kieffmann R, Westphal M, Schmidt NO. Postoperative Nausea and Vomiting Following Craniotomy: Risk Factors and Complications in Context of Perioperative High-dose Dexamethasone Application. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Sep;80(5):381-386. doi: 10.1055/s-0039-1685194. Epub 2019 May 10. PMID: 31075810.

332: Zhang X, Pan B, Ye Z, Li Z, Mo F, Wang X. Massive Brain Swelling after Cranioplasty: A Case Report. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Nov;80(6):498-502. doi: 10.1055/s-0039-1688726. Epub 2019 May 10. PMID: 31075809.

333: Kogan M, Agyei J, Cuddahee KJ, Gibbons KJ. Normal Pressure Hydrocephalus with Primary Presentation of Psychiatric Disturbance: Case Report. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Sep;80(5):404-408. doi: 10.1055/s-0039-1685185. Epub 2019 May 10. PMID: 31075808.

334: Jamous MA. Outcome of Craniocerebral Penetrating Injuries: Experience from the Syrian War. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Sep;80(5):345-352. doi: 10.1055/s-0039-1683878. Epub 2019 May 3. PMID: 31051521.

335: Mracek J, Kletecka J, Holeckova I, Dostal J, Mrackova J, Mork J, Priban V. Patient Satisfaction with General versus Local Anesthesia during Carotid Endarterectomy. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Sep;80(5):341-344. doi: 10.1055/s-0039-1688692. Epub 2019 Apr 29. PMID: 31035296.

336: Quillo-Olvera J, Navarro-Ramírez R, Quillo-Olvera D, Quillo-Reséndiz J, Kim JS. Minimally Invasive Craniocervical Decompression for Chiari 1 Malformation: An Operative Technique. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Jul;80(4):312-317. doi: 10.1055/s-0039-1685. Epub 2019 Apr 24. PMID: 31018228.

337: Maiseyeu I, Allouch H, Behnke-Mursch J, Mursch K. Retrieval of a Subcutaneous Needle using High-frequency Ultrasound. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Jul;80(4):318-319. doi: 10.1055/s-0038-1676593. Epub 2019 Apr 24. PMID: 31018227.

338: Zhao H, Tang Y, Zhang X, Zhu J, Yuan Y, Zhou P, Li S. Long-term Outcomes of Microvascular Decompression in the Treatment of Hemifacial Spasm Based on Different Offending Vessels. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Jul;80(4):285-290. doi: 10.1055/s-0039-1685199. Epub 2019 Apr 24. PMID: 31018226.

339: Nakayashiki A, Kawaguchi T, Nakagawa A, Mochizuki F, Furukawa H, Nagai A, Suematsu T, Tominaga T. Reducing Surgeon's Physical Stress in Minimally Invasive Neurosurgery. *J Neurol Surg A*

Cent Eur Neurosurg. 2019 Sep;80(5):333-340. doi: 10.1055/s-0038-1676622. Epub 2019 Apr 24. PMID: 31018225.

340: Brand C, Pala A, Kielhorn W, Wirtz CR, Kapapa T. Do Complication Rates of Ventricular Drain Placement Differ between Twist Drill and Burr Hole in Acute Hydrocephalus? J Neurol Surg A Cent Eur Neurosurg. 2019 Jul;80(4):277-284. doi: 10.1055/s-0039-1685195. Epub 2019 Apr 24. PMID: 31018224.

341: Archavlis E, Ringel F, Kantelhardt S. Maintenance of Integrity of Upper Facet Joints during Simulated Percutaneous Pedicle Screw Insertion Using 2D versus 3D Planning. J Neurol Surg A Cent Eur Neurosurg. 2019 Jul;80(4):269-276. doi: 10.1055/s-0039-1681042. Epub 2019 Apr 24. PMID: 31018223.

342: Kim YJ, Kim JY, Cho YH, Kim YS, Kim TS, Joo SP. Preoperative Considerations in Occipital Artery-high-riding Posterior Inferior Cerebellar Artery Bypass: A Report of Two Cases and a Literature Review. J Neurol Surg A Cent Eur Neurosurg. 2019 Sep;80(5):399-403. doi: 10.1055/s-0039-1684025. Epub 2019 Apr 24. PMID: 31018222.

343: Gilsbach JM. Wolfgang Seeger, 1929-2018. J Neurol Surg A Cent Eur Neurosurg. 2019 May;80(3):141-142. doi: 10.1055/s-0039-1684006. Epub 2019 Apr 16. PMID: 30991427.

344: Yadav YR, Lucano A, Ratte S, Parihar VS. Practical Aspects and Avoidance of Complications in Microendoscopic Spine Surgeries: A Review. J Neurol Surg A Cent Eur Neurosurg. 2019 Jul;80(4):291-301. doi: 10.1055/s-0039-1677825. Epub 2019 Apr 9. PMID: 30965374.

345: Ahmadipour Y, Kaur M, Pierscianek D, Gembruch O, Oppong MD, Mueller O, Jabbarli R, Glas M, Sure U, El Hindy N. Association of Surgical Resection, Disability, and Survival in Patients with Glioblastoma. J Neurol Surg A Cent Eur Neurosurg. 2019 Jul;80(4):262-268. doi: 10.1055/s-0039-1685170. Epub 2019 Apr 9. PMID: 30965373.

346: Cannizzaro D, Tropeano MP, Fornari M, Servadei F, Cardia A. Simultaneous Diagnosis and Treatment of Double Synchronous Spinal Cord Vascular Malformation. J Neurol Surg A Cent Eur Neurosurg. 2019 Jul;80(4):325-332. doi: 10.1055/s-0039-1683446. Epub 2019 Apr 9. PMID: 30965372.

347: Wang J, Ma J. Integrated Transcriptomic Analysis of Necrosis-related Gene in Diffuse Gliomas. J Neurol Surg A Cent Eur Neurosurg. 2019 Jul;80(4):240-249. doi: 10.1055/s-0039-1683448. Epub 2019 Apr 1. PMID: 30934097.

348: Jiang X, Chen D, Li Z, Lou Y. Correlation between Lumbar Spine Facet Joint Orientation and Intervertebral Disk Degeneration: A Positional MRI Analysis. J Neurol Surg A Cent Eur Neurosurg. 2019 Jul;80(4):255-261. doi: 10.1055/s-0039-1683450. Epub 2019 Apr 1. PMID: 30934096.

349: Xiong NX, Zhou X, Yang B, Wang L, Fu P, Yu H, Wang Q, Abdelmaksoud A, Yuan Y, Liu W, Huang Y, Budryté K, Huang T, Zheng X. Preoperative MRI Evaluation of Relationship between Trigeminal Nerve and Superior Petrosal Vein: Its Role in Treating Trigeminal Neuralgia. J Neurol Surg A Cent Eur Neurosurg. 2019 May;80(3):213-219. doi: 10.1055/s-0038-1669399. Epub 2019 Mar 26. PMID: 30913572.

350: Sturiale CL, Marchese E, Puca A, Olivi A, Albanese A. Surgical Treatment of Posterior Communicating Artery Aneurysms: Hints and Precautions for Young Cerebrovascular Surgeons. J Neurol Surg A Cent Eur Neurosurg. 2019 May;80(3):205-212. doi: 10.1055/s-0039-1683397. Epub 2019 Mar 26. PMID: 30913571.

- 351: Won SY, Dubinski D, Behmanesh B, Strzelczyk A, Seifert V, Konczalla J, Freiman TM. Clinical Relevance of Seizure in Pediatric Patients with Isolated Acute Subdural Hematoma without Parenchymal Brain Injury. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Jul;80(4):233-239. doi: 10.1055/s-0039-1677824. Epub 2019 Mar 20. PMID: 30895570.
- 352: Gassie K, Alvarado-Estrada K, Bechtle P, Chaichana KL. Surgical Management of Deep-Seated Metastatic Brain Tumors Using Minimally Invasive Approaches. *J Neurol Surg A Cent Eur Neurosurg*. 2019 May;80(3):198-204. doi: 10.1055/s-0038-1676575. Epub 2019 Mar 20. PMID: 30895569.
- 353: Abdelaziz O, Shereen A, Inoue T, Hirai H, Shima A. Correlation of Appearance of MRI Perinidal T2 Hyperintensity Signal and Eventual Nidus Obliteration Following Photon Radiosurgery of Brain AVMs: Combined Results of LINAC and Gamma Knife Centers. *J Neurol Surg A Cent Eur Neurosurg*. 2019 May;80(3):187-197. doi: 10.1055/s-0039-1678710. Epub 2019 Mar 20. PMID: 30895568.
- 354: Chung J, Kong C, Sun W, Kim D, Kim H, Jeong H. Percutaneous Endoscopic Lumbar Foraminoplasty for Lumbar Foraminal Stenosis of Elderly Patients with Unilateral Radiculopathy: Radiographic Changes in Magnetic Resonance Images. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Jul;80(4):302-311. doi: 10.1055/s-0038-1677052. Epub 2019 Mar 18. PMID: 30887488.
- 355: Mracek J, Kletecka J, Mork J, Stepanek D, Dostal J, Mrackova J, Prihan V. Indications for General versus Local Anesthesia during Carotid Endarterectomy. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Jul;80(4):250-254. doi: 10.1055/s-0039-1678601. Epub 2019 Mar 18. PMID: 30887487.
- 356: Wang J, Wu J, Cao Y, Kan Z, Wang S. Contralateral Approach to Paraclinoid Aneurysms: Angiographic Analysis and Surgical Results of 12 Patients. *J Neurol Surg A Cent Eur Neurosurg*. 2019 May;80(3):180-186. doi: 10.1055/s-0038-1666791. Epub 2019 Mar 7. PMID: 30847870.
- 357: Williams GW 2nd, Jones WS, Chaudhry R, Cai C, Pednekar GS, Long AC, Chouhan S, Artime C, Wegner RC, Grewal NK, Patterson VM, Contreras DA, Ferrario L. Intraoperative Anesthesiology Management and Patient Outcomes for Surgical Revascularization for Moyamoya Disease: A Review and Clinical Experience. *J Neurol Surg A Cent Eur Neurosurg*. 2019 May;80(3):143-148. doi: 10.1055/s-0039-1677823. Epub 2019 Feb 28. PMID: 30818408.
- 358: Wang X, Zhang S, Xie Z, Chen L, Yang B, Wu X. Deleterious Effects of Methylene Blue on Rat Nucleus Pulposus Cell in Vitro: Changes in Cell Viability and Secretory Phenotype in Exposed Cells. *J Neurol Surg A Cent Eur Neurosurg*. 2019 May;80(3):174-179. doi: 10.1055/s-0038-1670638. Epub 2019 Feb 28. PMID: 30818407.
- 359: Çelik SE, Samancı Y, Özkaya F, Peker O. Microsurgical Experience with Pedicle-Sparing Transfacet Approach for Thoracic Disk Herniation. *J Neurol Surg A Cent Eur Neurosurg*. 2019 May;80(3):169-173. doi: 10.1055/s-0038-1676302. Epub 2019 Feb 1. PMID: 30708391.
- 360: Bender M, Schwarm F, Stein M, Uhl E, Reinges MHT. Placement of External Ventricular Drain: Comparison of Two Methods. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Mar;80(2):116-121. doi: 10.1055/s-0038-1676576. Epub 2019 Feb 1. PMID: 30708390.
- 361: von der Brelie C, Fiss I, Rohde V. Multilevel Spinal Combined Subdural/Subarachnoid Hemorrhage Resulting in Paraplegia: An Unusual Complication of Kyphoplasty. *J Neurol Surg A Cent Eur Neurosurg*. 2019 May;80(3):220-222. doi: 10.1055/s-0038-1676594. Epub 2019 Feb 1. PMID: 30708389.
- 362: Son BC, Kim JS, Park WC, Ko HC. Management of Pulse Generators in a Breast Cancer Patient with in Situ Subthalamic Nucleus Deep Brain Stimulation. *J Neurol Surg A Cent Eur Neurosurg*. 2019

May;80(3):223-227. doi: 10.1055/s-0038-1677518. Epub 2019 Feb 1. PMID: 30708388.

363: Ogawa Y, Niizuma K, Tominaga T. Transsphenoidal Removal of Retroclival Chondroma with Pituitary Transposition Manifesting as Repeated Subarachnoid Hemorrhage: A Case Report. *J Neurol Surg A Cent Eur Neurosurg*. 2019 May;80(3):228-232. doi: 10.1055/s-0038-1677452. Epub 2019 Feb 1. PMID: 30708387.

364: Ajlan AM, Albakr A, Alsaleh S, Alkhalidi H. Endoscopic Transnasal Resection of Suprasellar Teratoma. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Jul;80(4):320-324. doi: 10.1055/s-0038-1676624. Epub 2019 Feb 1. Erratum in: *J Neurol Surg A Cent Eur Neurosurg*. 2019 Jul;80(4):e1. PMID: 30708386.

365: Akbary K, Quillo-Olvera J, Lin GX, Jo HJ, Kim JS. Outcomes of Minimally Invasive Oblique Lumbar Interbody Fusion in Patients with Lumbar Degenerative Disease with Rheumatoid Arthritis. *J Neurol Surg A Cent Eur Neurosurg*. 2019 May;80(3):162-168. doi: 10.1055/s-0038-1676301. Epub 2019 Jan 24. PMID: 30677786.

366: Lara-Almunia M, Hernandez-Vicente J. Frame-based Stereotactic Biopsy: Description and Association of Anatomical, Radiologic, and Surgical Variables with Diagnostic Yield in a Series of 407 Cases. *J Neurol Surg A Cent Eur Neurosurg*. 2019 May;80(3):149-161. doi: 10.1055/s-0038-1676597. Epub 2019 Jan 17. PMID: 30654404.

367: Grotenhuis A. Winfried Bettag, 1925-2018. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Jan;80(1):1-2. doi: 10.1055/s-0038-1676596. Epub 2019 Jan 10. PMID: 30630202.

368: Tanaka S, Akimoto J, Hashimoto R, Takanashi J, Oka H. Cutoff Points, Sensitivities, and Specificities of Intraoperative Motor-Evoked Potential Monitoring Determined Using Receiver Operating Characteristic Analysis. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Mar;80(2):102-108. doi: 10.1055/s-0038-1676623. Epub 2018 Dec 24. PMID: 30583304.

369: Ogiwara T, Goto T, Fujii Y, Hanaoka Y, Hongo K, Okamoto J, Muragaki Y. Usefulness of a Newly Developed Ultrasonic Microdissector in Neurosurgery: A Preliminary Experimental Study. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Mar;80(2):96-101. doi: 10.1055/s-0038-1675782. Epub 2018 Dec 24. PMID: 30583303.

370: Hirayama J, Hashimoto M. Percutaneous Endoscopic Discectomy using an Interlaminar Approach Based on 3D CT/MR Fusion Imaging. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Mar;80(2):88-95. doi: 10.1055/s-0038-1673399. Epub 2018 Dec 24. PMID: 30583302.

371: Radovnický T, Bartoš R, Vachata P, Sameš M. Cerebrospinal Fluid Rhinorrhea due to Transthemoidal Encephalocele Following Occipital Meningioma Resection in an Adult: A Case Report. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Mar;80(2):138-140. doi: 10.1055/s-0038-1676621. Epub 2018 Dec 24. PMID: 30583301.

372: Hasanain AA, Abdullah A, Alsawy MFM, Soliman MAR, Ghaleb AA, Elwy R, Ezzat AAM, Al Menabbawy A, Marei AA, Abd El Razik B, El Hamaky MI, Schroeder HWS, Fleck S, El Damaty A, Marx S, Nowak S, Baldauf J, Zohdi A, El Refaee EA. Incidence of and Causes for Ventriculoperitoneal Shunt Failure in Children Younger Than 2 Years: A Systematic Review. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Jan;80(1):26-33. doi: 10.1055/s-0038-1669464. Epub 2018 Dec 3. PMID: 30508865.

373: Geiger MF, Bongartz N, Blume C, Clusmann H, Müller CA. Improvement of Back and Leg Pain after Lumbar Spinal Decompression without Fusion. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Mar;80(2):81-87. doi: 10.1055/s-0038-1669473. Epub 2018 Dec 5. PMID: 30517963.

- 374: Almubarak AO, Haq AU, Alzahrani I, Shail EA. Lhermitte-Duclos Disease with Cervical Arteriovenous Fistula. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Mar;80(2):134-137. doi: 10.1055/s-0038-1670636. Epub 2018 Dec 5. PMID: 30517962.
- 375: Yucetas SC, Ucler N. Black-Colored Ligamentum Flavum Due to Alkaptonuria. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Mar;80(2):131-133. doi: 10.1055/s-0038-1675784. Epub 2018 Nov 26. PMID: 30477028.
- 376: Tews J, Jahromi BR, Ludtka C, Schwan S, Ota N, Meisel HJ, Tanikawa R, Lawton M, Goehre F. TachoSil Dural Reconstruction in Extracranial-Intracranial Bypass Surgeries. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Jan;80(1):39-43. doi: 10.1055/s-0038-1675565. Epub 2018 Nov 15. PMID: 30440066.
- 377: Liu G, Kang G, Huang J, Xie S, Hu H. Changes in Palm Temperature as Predictor of Long-term Cure of Sympathicotomy for Palmar hyperhidrosis? *J Neurol Surg A Cent Eur Neurosurg*. 2019 Mar;80(2):67-71. doi: 10.1055/s-0038-1666790. Epub 2018 Oct 31. PMID: 30381813.
- 378: Haviarova Z, Matejcek V, Kuruc R, Líška J, Steno J. Extradural Characteristics of the Origins of Lumbosacral Nerve Roots. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Mar;80(2):109-115. doi: 10.1055/s-0038-1673400. Epub 2018 Oct 31. PMID: 30381812.
- 379: Ayaz M, Yanardag SB. SAH-Induced Electrophysiological Changes of Ventricular Myocytes and Role of N-acetylcysteine Protection. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Mar;80(2):72-80. doi: 10.1055/s-0038-1655739. Epub 2018 Oct 31. PMID: 30381811.
- 380: Nakaya M, Ichimura S, Kurebayashi Y, Mochizuki Y, Fukaya R, Fukuchi M, Fujii K. Contiguous Metastasis of Pulmonary Adenocarcinoma to Meningioma. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Mar;80(2):127-130. doi: 10.1055/s-0038-1669471. Epub 2018 Oct 15. PMID: 30321884.
- 381: Coenen VA, Rijntjes M, Sajonz B, Piroth T, Prokop T, Jost W, Trippel M, Urbach H, Reinacher PC. Bilateral Globus Pallidus Internus Deep Brain Stimulation in a Case of Progressive Dystonia in Mohr-Tranebjaerg Syndrome with Bilateral Cochlear Implants. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Jan;80(1):44-48. doi: 10.1055/s-0038-1669472. Epub 2018 Oct 5. PMID: 30290379.
- 382: Lee DC, Heo DH, Cho KS. Concomitant Occlusive Vascular Lesions of Legs in Patients with Degenerative Lumbar Diseases: Do These Lesions Influence Treatment? *J Neurol Surg A Cent Eur Neurosurg*. 2019 Jan;80(1):8-14. doi: 10.1055/s-0038-1669474. Epub 2018 Sep 17. PMID: 30223290.
- 383: Xu Y, Ni J, Bi Y, Zhang A, Xue Y, Qi X, Lou M. Multimodality Imaging for Navigation in Endoscopic Transsphenoidal Surgeries. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Nov;79(6):486-495. doi: 10.1055/s-0038-1666789. Epub 2018 Sep 14. PMID: 30216943.
- 384: Kolenda H, Ludwig HC. Professor Emeritus Evangelos Markakis. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Sep;79(5):357. doi: 10.1055/s-0038-1668094. Epub 2018 Aug 7. PMID: 30086578.
- 385: Dohzono S, Toyoda H, Hori Y, Takahashi S, Suzuki A, Terai H, Nakamura H. Spinopelvic Sagittal Alignment after Microendoscopic Laminotomy in Patients with Lumbar Degenerative Spondylolisthesis. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Nov;79(6):479-485. doi: 10.1055/s-0038-1666847. Epub 2018 Jul 30. PMID: 30060261.
- 386: Wysiadecki G, Haładaj R, Polgaj M, Żytkowski A, Topol M. Bilateral Extensive Ossification of the Posterior Petroclinoid Ligament: An Anatomical Case Report and Literature Review. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Mar;80(2):122-126. doi: 10.1055/s-0038-1666782. Epub 2018 Jul 30. PMID: 30060261.

30060260.

387: Bettag C, Strasilla C, Steinbrecher A, Gerlach R. Unilateral Tuberothalamic Artery Ischemia Caused by Pituitary Apoplexy. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Nov;79(6):550-554. doi: 10.1055/s-0038-1656514. Epub 2018 Jul 20. PMID: 30029284.

388: Trungu S, Pietrantonio A, Forcato S, Tropeano MP, Martino L, Raco A. Transfacet Screw Fixation for the Treatment of Lumbar Spinal Stenosis with Mild Instability: A Preliminary Study. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Sep;79(5):358-364. doi: 10.1055/s-0038-1655760. Epub 2018 Jul 16. PMID: 30011420.

389: Jang S, Lee H. Change of Ascending Reticular Activating System Following Shunt Operation for Hydrocephalus in a Subarachnoid Hemorrhage Patient. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Jan;80(1):62-66. doi: 10.1055/s-0038-1661401. Epub 2018 Jul 16. PMID: 30011419.

390: Gerlach R, Rosahl S, Kellner G. Calvian Endo-pen: New Coagulation Forceps for Endoscopic Endonasal Transsphenoidal Surgery. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Nov;79(6):524-527. doi: 10.1055/s-0038-1655731. Epub 2018 Jul 6. PMID: 29980157.

391: Ehlert A, Budde U, Middendorff R, Manthei G, Kemmling A, Tiemann B. Reintroduction of the Rat for Experimental Subarachnoid Hemorrhage with Accelerated Clot Formation: A Low Mortality Model with Persistent Clots as a Precondition for Studies in Vasospasm. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Sep;79(5):424-433. doi: 10.1055/s-0038-1641561. Epub 2018 Jul 4. PMID: 29972859.

392: Scholz C, Klingler JH, Scheiwe C, Naseri Y, Masalha W, Hubbe U. Atlantoaxial Instability in Patients Older Than 70 Years: What Is the Outcome When Further Conservative Treatment Is Not an Option? *J Neurol Surg A Cent Eur Neurosurg*. 2018 Sep;79(5):372-379. doi: 10.1055/s-0038-1646958. Epub 2018 Jul 4. PMID: 29972858.

393: Ko HC, Choi JG, Son BC. Hemifacial Trigeminal Pain Referred from Occipital Neuralgia Due to Compression of the Greater Occipital Nerve by the Occipital Artery. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Sep;79(5):442-446. doi: 10.1055/s-0038-1655751. Epub 2018 Jul 4. PMID: 29972857.

394: Katoh M, Sawamura Y, Tanaka S, Fujimaki T, Hirose S, Aida T. Immunohistochemical Analysis of Cerebral Intraparenchymal Choroid Plexus Tumor: Case Report. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Jan;80(1):53-57. doi: 10.1055/s-0037-1615284. Epub 2018 Jul 4. PMID: 29972856.

395: Dutta G, Singh D, Saran RK, Singh H, Srivastava AK, Jagetia A. Metastasis from Intracranial Mesenchymal Chondrosarcoma: Report of a Rare Case. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Jan;80(1):58-61. doi: 10.1055/s-0038-1655733. Epub 2018 Jul 4. PMID: 29972855.

396: Qian R, Li Z, Li M. Vertebral Arteriovenous Fistula: A Rare Complication Following Transpedicular Occipitocervical Fixation in a Patient with Atlantoaxial Dislocation. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Nov;79(6):533-535. doi: 10.1055/s-0038-1655771. Epub 2018 Jul 2. PMID: 29966140.

397: Lei B, Yu L, Jung TA, Deng Y, Xiang W, Liu Y, Qi S. Prospective Series of Nine Long non-coding RNAs Associated with Survival of Patients with Glioblastoma. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Nov;79(6):471-478. doi: 10.1055/s-0038-1655549. Epub 2018 Jun 29. PMID: 29959764.

398: Feletti A, Dimitriadis S, Vallone S, Pavesi G. Congenital Arteriovenous Malformation of the Scalp Involving the Orbit. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Nov;79(6):541-549. doi: 10.1055/s-0038-1641178. Epub 2018 Jun 15. PMID: 29906812.

399: Yoon SY, Kim GH, Kim Y, Kim NH, Lee S, Kawai C, Hong Y. Optimal Parameters for Intervertebral Disk Resection Using Aqua-Plasma Beams. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Jan;80(1):34-38. doi: 10.1055/s-0038-1655762. Epub 2018 Jun 14. PMID: 29902828.

400: Maugeri R, Basile L, Gulì C, Banco A, Giordano G, Giugno A, Graziano F, Giammalva RG, Iacopino DG. Percutaneous Pedicle-Lengthening Osteotomy in Minimal Invasive Spinal Surgery to Treat Degenerative Lumbar Spinal Stenosis: A Single- Center Preliminary Experience. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Sep;79(5):365-371. doi: 10.1055/s-0038-1641148. Epub 2018 Jun 14. PMID: 29902827.

401: Mastronardi L, Roperto R, Cacciotti G, Calvosa F. Anterior Cervical Fusion with Stand-alone Trabecular Metal Cages to Treat Cervical Myelopathy Caused by Degenerative Disk Disease. Observations in 88 Cases with Minimum 12-month Follow-up. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Nov;79(6):496-501. doi: 10.1055/s-0038-1642008. Epub 2018 Jun 14. PMID: 29902826.

402: Han K, Li Z, Yin H, Yao W, Lan X, Bo Y. Liquid Posterior Fossa Epidural Hematoma in Pediatric Trauma: A Single-Center Case Series. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Sep;79(5):380-385. doi: 10.1055/s-0038-1648225. Epub 2018 Jun 14. PMID: 29902825.

403: Chick G, Victor J, Poujade T, Hollevoet N. Sporadic Schwannomatosis: A Systematic Review Following the 2005 Consensus Statement. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Sep;79(5):408-415. doi: 10.1055/s-0038-1655548. Epub 2018 Jun 14. PMID: 29902824.

404: Rizk AR, Bettag M. Multiple Colloid Cysts: Case Report and Literature Review. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Nov;79(6):536-540. doi: 10.1055/s-0038-1641145. Epub 2018 Jun 14. PMID: 29902823.

405: Luther E, Urakov T, Vanni S. Percutaneous Instrumentation of a Complex Lumbar Spine Fracture with Bilateral Pedicle Dissociation: Case Report and Technical Note. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Sep;79(5):416-423. doi: 10.1055/s-0038-1648226. Epub 2018 Jun 11. PMID: 29890541.

406: Jödicke A, Bauer K, Hajdukova A. Rehabilitation after Clipping of Cerebral Aneurysms without Acute Subarachnoid Hemorrhage: Outcome Analysis of 100 Consecutive Cases. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Sep;79(5):391-397. doi: 10.1055/s-0038-1655740. Epub 2018 Jun 11. PMID: 29890540.

407: Guerrero-Suarez PD, Guerrero-López P, Ortiz-Leon A, Sosa-Castillo HS, Velazquez-Gonzalez LM, Martinez-Anda JJ. Hybrid Technique for Cranial Defect Reconstruction: Surgical Results over a 10-Year Period in a Single Institution. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Sep;79(5):386-390. doi: 10.1055/s-0038-1641567. Epub 2018 Jun 11. PMID: 29890539.

408: Schär RT, Hewer E, Ulrich CT. Langerhans Cell Histiocytosis of the Adult Cervical Spine: A Case Report and Literature Review. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Jan;80(1):49-52. doi: 10.1055/s-0038-1655769. Epub 2018 Jun 11. PMID: 29890538.

409: Yetiser S. Large Intratemporal Facial Nerve Schwannoma without Facial Palsy: Surgical Strategy of Tumor Removal and Functional Reconstruction. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Nov;79(6):528-532. doi: 10.1055/s-0038-1645868. Epub 2018 Jun 8. PMID: 29883986.

410: Shoji T, Kawaguchi T, Ogawa Y, Watanabe M, Fujimura M, Tominaga T. Continuous Minor Bleeding from Tumor Surface in Patients with Craniopharyngiomas: Case Series of Nonobstructive

Hydrocephalus. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Sep;79(5):436-441. doi: 10.1055/s-0038-1646957. Epub 2018 Jun 5. PMID: 29871026.

411: Diesing D, Franke J, Tschoeke SK, Schultheiß R, Scheufler KM. Persistent Iliosacral Joint Syndrome following Instrumentation to the Sacropelvis in Patients with Adult Spinal Deformity. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Jan;80(1):15-25. doi: 10.1055/s-0038-1655732. Epub 2018 May 31. PMID: 29852510.

412: Spallone A, Lavorato L, Belvisi D. Long-term Results for the BacJac Interspinous Device in Lumbar Spine Degenerative Disease. *J Neurol Surg A Cent Eur Neurosurg*. 2019 Jan;80(1):3-7. doi: 10.1055/s-0038-1641180. Epub 2018 May 14. PMID: 29758566.

413: Palm HG, Riesner HJ, Lang P, Haentzsch M, Friemert B, Hackenbroch C. Diagnostic Accuracy of Fluoroscopy, Radiography, and Computed Tomography in Detecting Cement Leakage in Kyphoplasty. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Nov;79(6):502-510. doi: 10.1055/s-0038-1641734. Epub 2018 May 7. PMID: 29734460.

414: Asamoto S, Kojima K, Winking M, Jödicke A, Ishikawa M, Ishihara S, Deinsberger W, Muto J, Nishiyama M. Optimized Screw Trajectory for Lumbar Cortical Bone Trajectory Pedicle Screws Based on Clinical Outcome: Evidence Favoring the Buttress Effect Theory. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Nov;79(6):464-470. doi: 10.1055/s-0038-1641147. Epub 2018 Apr 30. PMID: 29710368.

415: Mandour C, Laaguili J, Gazzaz M, Mostarchid BE. Spontaneous Intraventricular Hemorrhage Caused by Sphenoid Meningioma. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Sep;79(5):434-435. doi: 10.1055/s-0038-1641179. Epub 2018 Apr 30. PMID: 29710367.

416: Iyer R, Chaichana KL. Minimally Invasive Resection of Deep-seated High- grade Gliomas Using Tubular Retractors and Exoscopic Visualization. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Jul;79(4):330-336. doi: 10.1055/s-0038-1641738. Epub 2018 Apr 23. PMID: 29684925.

417: Kwak DS, Shin JH, Cho HJ, Chang HG, Park MS, Kim IS. Fixation Strength of Pedicle and Cortical Lumbar Vertebral Screws after Laminectomy: A Cadaver Study. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Jul;79(4):273-278. doi: 10.1055/s-0038-1639333. Epub 2018 Apr 23. PMID: 29684924.

418: Choi SH, Adsul NM, Kim HS, Kim KJ, Kim JH, Chung SK, Choi JH, Jang JS, Jang IT, Oh SH. Percutaneous Endoscopic Interlaminar Unilateral Ventral Dural Approach for Symptomatic Bilateral L5-S1 Herniated Nucleus Pulposus: Technical Note. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Nov;79(6):518-523. doi: 10.1055/s-0038-1639505. Epub 2018 Apr 23. PMID: 29684923.

419: Park MS, Moon SH, Kim TH, Oh J, Lee SJ, Chang HG, Shin JH. Paraspinal Muscles of Patients with Lumbar Diseases. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Jul;79(4):323-329. doi: 10.1055/s-0038-1639332. Epub 2018 Apr 16. PMID: 29660747.

420: Wu J, Yu B, He B, Liu G, Ju J, Zhu J. Outcome Predictors of the Transforaminal Endoscopic Spine System Technique for Single-level Lumbar Disk Herniation. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Jul;79(4):285-290. doi: 10.1055/s-0038-1639503. Epub 2018 Apr 12. PMID: 29649852.

421: Wendel C, Kaech DL, Woodtli M. Primary Malignant Melanoma in the Pineal Region: Case Report and Literature Review. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Jul;79(4):344-352. doi: 10.1055/s-0038-1639504. Epub 2018 Apr 12. PMID: 29649851.

422: Kim HS, Adsul NM, Yudoyono F, Jang JS, Jang IT, Oh SH. Symptomatic Ruptured Seed-Type Partial

Ossification of the Ligamentum Flavum: A Case Report. *J Neurol Surg A Cent Eur Neurosurg.* 2018 Jul;79(4):353-356. doi: 10.1055/s-0038-1641146. Epub 2018 Apr 11. PMID: 29642243.

423: Harat M, Furtak J. Large In-mask Motion during Frameless Radiosurgery of a Brain Metastasis. *J Neurol Surg A Cent Eur Neurosurg.* 2018 Jul;79(4):341-343. doi: 10.1055/s-0037-1604285. Epub 2018 Mar 23. PMID: 29571177.

424: Donofrio CA, Barzaghi LR, Capitanio JF, Cavalli A, Panni P, Snider S, Mortini P. Intraoperative Ultrasound Appearance of a Pancreatic Cerebral Metastasis: A Case Report. *J Neurol Surg A Cent Eur Neurosurg.* 2018 Jul;79(4):337-340. doi: 10.1055/s-0037-1608874. Epub 2018 Mar 23. PMID: 29571176.

425: Raco A, Pesce A, Fraschetti F, D'Andrea G, Polli FM, Acqui M, Frati A. Risk of Postoperative Performance Status Worsening after Resection of Lesions Involving the Motor Pathway: A Multinomial Logistic Regression Model. *J Neurol Surg A Cent Eur Neurosurg.* 2018 Nov;79(6):453-463. doi: 10.1055/s-0037-1617756. Epub 2018 Mar 9. PMID: 29523012.

426: Baschera D, Oberle J, Grubhofer F, Schmid SL. Perioperative Use of Anticoagulant and Platelet-inhibiting Medications for Elective Spine Surgery: Results of a Nationwide Survey. *J Neurol Surg A Cent Eur Neurosurg.* 2018 Sep;79(5):398-407. doi: 10.1055/s-0037-1615295. Epub 2018 Mar 9. PMID: 29523011.

427: Morgalla M, Frantz S, Dezena RA, Pereira CU, Tatagiba M. Diagnosis of Lumbar Spinal Stenosis with Functional Myelography. *J Neurol Surg A Cent Eur Neurosurg.* 2018 Jul;79(4):316-322. doi: 10.1055/s-0037-1618563. Epub 2018 Jan 18. PMID: 29346832.

428: Hussain SS, Raza A, Shahid S, Asif HH, Ahmad U, Ashraf N. Postoperative Reduction of Intraventricular Hemorrhage Volume: Single- Versus Dual-Catheter Drainage. *J Neurol Surg A Cent Eur Neurosurg.* 2018 Jul;79(4):279-284. doi: 10.1055/s-0037-1617757. Epub 2018 Jan 18. PMID: 29346831.

429: Hong Y, Yoo S, Kim NH, Kim Y, Sohn S, Yoon SY, Lee S. Feasibility of Navigable Percutaneous Disk Decompressor (L'DISQ-C) for Cervical Disk Herniation. *J Neurol Surg A Cent Eur Neurosurg.* 2018 May;79(3):231-238. doi: 10.1055/s-0037-1615273. Epub 2018 Jan 18. PMID: 29346830.

430: Eseonu CI, Rincon-Torroella J, Lee YM, ReFaey K, Tripathi P, Quinones- Hinojosa A. Intraoperative Seizures in Awake Craniotomy for Periolandic Glioma Resections That Undergo Cortical Mapping. *J Neurol Surg A Cent Eur Neurosurg.* 2018 May;79(3):239-246. doi: 10.1055/s-0037-1617759. Epub 2018 Jan 18. PMID: 29346829.

431: Bieri KS, Goodwin K, Aghayev E, Riesner HJ, Greiner-Perth R. Dynamic Posterior Stabilization versus Posterior Lumbar Intervertebral Fusion: A Matched Cohort Study Based on the Spine Tango Registry. *J Neurol Surg A Cent Eur Neurosurg.* 2018 May;79(3):224-230. doi: 10.1055/s-0037-1615264. Epub 2018 Jan 18. PMID: 29346828.

432: Ichimura S, Bertalanffy H, Nakaya M, Mochizuki Y, Fukaya R, Moriwaki G, Fukuchi M, Fujii K. Improvement of Respiratory Depression in a Patient with Primary Medullary Hemorrhage Following Removal of Hematoma in the Half-sitting Position. *J Neurol Surg A Cent Eur Neurosurg.* 2018 Mar;79(2):186-190. doi: 10.1055/s-0037-1615296. Epub 2018 Jan 9. PMID: 29316572.

433: Lee SJ, Min WK, Lee HJ, Mun JU, Choi JY. Clenching Reduction Technique for Osteosynthesis of Atypical C2 Fractures with the Combining Use of Laminar and Pedicle Screw: A Technical Note. *J*

Neurol Surg A Cent Eur Neurosurg. 2018 Mar;79(2):169-172. doi: 10.1055/s-0037-1615265. Epub 2018 Jan 2. PMID: 29294512.

434: Surchev JK, Nachev S, Todorova LP, Marinov M. Optic Nerve Glioma in Two Sisters with Family History of Neurofibromatosis Type 1. J Neurol Surg A Cent Eur Neurosurg. 2018 May;79(3):268-272. doi: 10.1055/s-0037-1608869. Epub 2018 Jan 2. PMID: 29294511.

435: Nakayashiki A, Kawaguchi T, Nakagawa A, Sato M, Mochizuki F, Endo T, Tominaga T. Water Veil Effect to Control Splashing from the Pulsed Water Jet Device: Minimizing the Potential Risk of Dissemination Using Surgical Aspirators. J Neurol Surg A Cent Eur Neurosurg. 2018 Jul;79(4):309-315. doi: 10.1055/s-0037-1608836. Epub 2018 Jan 2. PMID: 29294510.

436: Fukushi R, Yoshimoto M, Iesato N, Terashima Y, Takebayashi T, Yamashita T. Short-term Results of Microendoscopic Muscle-preserving Interlaminar Decompression versus Spinal Process Splitting Laminectomy. J Neurol Surg A Cent Eur Neurosurg. 2018 Nov;79(6):511-517. doi: 10.1055/s-0037-1608871. Epub 2018 Jan 2. PMID: 29294509.

437: Guatta R, Scolozzi P. Bone Recontouring by Guided Surgical Navigation Integrating "Mirroring" Computational Planning in the Management of Severe Fronto-orbital Asymmetry in Fibrous Dysplasia. J Neurol Surg A Cent Eur Neurosurg. 2018 Mar;79(2):181-185. doi: 10.1055/s-0037-1615286. Epub 2018 Jan 2. PMID: 29294508.

438: Eun SS, Lee SH, Erken HY. Transforaminal Percutaneous Endoscopic Lumbar Discectomy for Downmigrated Disk Herniations: Lever-Up, Rotate, and Tilt Technique. J Neurol Surg A Cent Eur Neurosurg. 2018 Mar;79(2):163-168. doi: 10.1055/s-0037-1608837. Epub 2017 Dec 14. PMID: 29241273.

439: Romagna A, Troeltzsch M, Birkenmaier C, Schwartz C, Suchorska B, Zausinger S. Oral Cavity Infection: An Underestimated Source of Pyogenic Spondylodiscitis? J Neurol Surg A Cent Eur Neurosurg. 2018 May;79(3):218-223. doi: 10.1055/s-0037-1608823. Epub 2017 Dec 14. PMID: 29241272.

440: Ozturk C, Ozdemir NG, Kanat A, Aydin MD, Findik H, Aydin N, Kabalar ME, Kazdal H, Yolas C, Baykal O, Calik M. How Reliable Is Pupillary Evaluation Following Subarachnoid Hemorrhage? Effect of Oculomotor Nerve Degeneration Secondary to Posterior Communicating Artery Vasospasm: First Experimental Study. J Neurol Surg A Cent Eur Neurosurg. 2018 Jul;79(4):302-308. doi: 10.1055/s-0037-1608841. Epub 2017 Dec 14. PMID: 29241271.

441: Marx S, El Damaty A, Manwaring J, El Refaee E, Fleck S, Fritsch M, Gaab MR, Schroeder HWS, Baldauf J. Endoscopic Third Ventriculostomy before Posterior Fossa Tumor Surgery in Adult Patients. J Neurol Surg A Cent Eur Neurosurg. 2018 Mar;79(2):123-129. doi: 10.1055/s-0037-1608786. Epub 2017 Dec 14. PMID: 29241270.

442: Lee JS, Kim HS, Pee YH, Jang JS, Jang IT. Comparison of Percutaneous Endoscopic Lumbar Discectomy and Open Lumbar Microdiscectomy for Recurrent Lumbar Disk Herniation. J Neurol Surg A Cent Eur Neurosurg. 2018 Nov;79(6):447-452. doi: 10.1055/s-0037-1608870. Epub 2017 Dec 14. PMID: 29241269.

443: Blume C, Wiederhold H, Geiger M, Clusmann H, Müller CA. Lacking Benefit of Intraoperative High-Dose Dexamethasone in Instrumented Surgery for Cervical Spondylotic Myelopathy. J Neurol Surg A Cent Eur Neurosurg. 2018 Mar;79(2):116-122. doi: 10.1055/s-0037-1608824. Epub 2017 Dec 14. PMID: 29241268.

- 444: Xin SB, Wang GB, Liu WJ, Liu Q. Congenital Intracerebral Pial Arteriovenous Fistula: A Case Report. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Mar;79(2):173-176. doi: 10.1055/s-0037-1608842. Epub 2017 Dec 14. PMID: 29241267.
- 445: Nehete L, Nandeesh BN, Bharath RD, Rao MB, Arimappamagan A. Cerebellopontine Angle Schwannoma and Meningioma in Contiguity: Surgical Implications in Neurofibromatosis. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Mar;79(2):177-180. doi: 10.1055/s-0037-1608873. Epub 2017 Dec 14. PMID: 29241266.
- 446: Freitas B, Figueiredo R, Carrerette F, Acioly MA. Retroperitoneoscopic Resection of a Lumbosacral Plexus Schwannoma: Case Report and Literature Review. *J Neurol Surg A Cent Eur Neurosurg*. 2018 May;79(3):262-267. doi: 10.1055/s-0037-1608814. Epub 2017 Dec 14. PMID: 29241265.
- 447: Cagnazzo F, Zoli M, Mazzatenta D, Gompel JJV. Endoscopic and Microscopic Transsphenoidal Surgery of Craniopharyngiomas: A Systematic Review of Surgical Outcomes Over Two Decades. *J Neurol Surg A Cent Eur Neurosurg*. 2018 May;79(3):247-256. doi: 10.1055/s-0037-1607195. Epub 2017 Dec 1. PMID: 29195268.
- 448: Chrastina J, Kocvarova J, Novak Z, Dolezalova I, Svoboda M, Brazdil M. Older Age and Longer Epilepsy Duration Do Not Predict Worse Seizure Reduction Outcome after Vagus Nerve Stimulation. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Mar;79(2):152-158. doi: 10.1055/s-0037-1607396. Epub 2017 Nov 27. PMID: 29179237.
- 449: Scholz T, Geiger MF, Mainz V, Blume C, Albanna W, Clusmann H, Müller A. Anterior Cervical Decompression and Fusion or Posterior Foraminotomy for Cervical Radiculopathy: Results of a Single-Center Series. *J Neurol Surg A Cent Eur Neurosurg*. 2018 May;79(3):211-217. doi: 10.1055/s-0037-1607225. Epub 2017 Nov 13. PMID: 29132169.
- 450: Elmaci İ, Altinoz MA, Sari R. Immune Pathobiology of Schwannomas: A Concise Review. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Mar;79(2):159-162. doi: 10.1055/s-0037-1603949. Epub 2017 Nov 8. PMID: 29117601.
- 451: Matsumoto M, Mizutani T, Sumi K, Shimizu K. Three-dimensional Fusion Imaging without Contrast Medium for Carotid Endarterectomy. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Jan;79(1):73-76. doi: 10.1055/s-0037-1607226. Epub 2017 Nov 1. PMID: 29092087.
- 452: Sivakanthan S, Ochalski PG, Schirda C, Engh JA. Assessing the Structural Footprint of Minimally Invasive Brain Cannulation on Cerebral White Matter: A Cadaveric Model. *J Neurol Surg A Cent Eur Neurosurg*. 2018 May;79(3):191-195. doi: 10.1055/s-0037-1606543. Epub 2017 Oct 17. PMID: 29041032.
- 453: Francaviglia N, Costantino G, Villa A, Iacopino DG, Pappalardo MP, Barone F, Gallo C, Contino AO, Meli F, Maugeri R. Preliminary Experience with a Novel System of Facet Fixation to Treat Patients with Lumbar Degenerative Disease. A New Perspective in Minimally Invasive Spine Surgery? *J Neurol Surg A Cent Eur Neurosurg*. 2018 Jul;79(4):296-301. doi: 10.1055/s-0037-1607196. Epub 2017 Oct 17. PMID: 29041031.
- 454: Peng A, Qi W, Cao D, Zhao Y, Gao K, Cheng C, Wu Y. Fibrinolytic Therapy Improves Outcomes in Patients with Epidural Hematomas Following Cranioplasty: A Pilot Study. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Jan;79(1):39-44. doi: 10.1055/s-0037-1606848. Epub 2017 Sep 29. PMID: 28962067.

- 455: Seijo Zazo E, Fernandez FS, Liebana ES, Ayala AS, Aragonese BL, Campa JMT, Portilla PG, Vega MA. Deep Brain Stimulation in Patients with Parkinson's Disease: Effect on Psychiatric Symptoms and Quality of Life. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Mar;79(2):130-138. doi: 10.1055/s-0037-1606354. Epub 2017 Sep 29. PMID: 28962066.
- 456: Beez T, Bellstädt L, Steiger HJ, Sarikaya-Seiwert S. Headache and Shunt- Related Impact on Activities of Daily Life in Patients Growing Up with a Ventriculoperitoneal Shunt. *J Neurol Surg A Cent Eur Neurosurg*. 2018 May;79(3):196-199. doi: 10.1055/s-0037-1606852. Epub 2017 Sep 29. PMID: 28962065.
- 457: Schuss P, Wispel C, Borger V, Güresir Á, Vatter H, Güresir E. Accuracy and Safety of Ventriculostomy Using Two Different Procedures of External Ventricular Drainage: A Single-Center Series. *J Neurol Surg A Cent Eur Neurosurg*. 2018 May;79(3):206-210. doi: 10.1055/s-0037-1606544. Epub 2017 Sep 22. PMID: 28938497.
- 458: Ďuriš K, Neuman E, Vybíhal V, Juráň V, Gottwaldová J, Kýr M, Vašků A, Smrčka M. Early Dynamics of Interleukin-6 in Cerebrospinal Fluid after Aneurysmal Subarachnoid Hemorrhage. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Mar;79(2):145-151. doi: 10.1055/s-0037-1604084. Epub 2017 Sep 4. PMID: 28869993.
- 459: Kim HS, Paudel B, Chung SK, Jang JS, Oh SH, Jang IT. Transforaminal Epiduroscopic Laser Ablation of Sinuvertebral Nerve in Patients with Chronic Diskogenic Back Pain: Technical Note and Preliminary Result. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Nov;78(6):529-534. doi: 10.1055/s-0037-1604361. Epub 2017 Sep 4. PMID: 28869992.
- 460: Nakamura S, Taguchi M. Full Percutaneous Lumbar Interbody Fusion: Technical Note. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Nov;78(6):601-606. doi: 10.1055/s-0037-1604360. Epub 2017 Aug 11. PMID: 28800666.
- 461: Wrangel CV, Karakoyun A, Buchholz KM, Süß O, Kombos T, Woitzik J, Vajkoczy P, Czabanka M. Fusion Rates of Intervertebral Polyetheretherketone and Titanium Cages without Bone Grafting in Posterior Interbody Lumbar Fusion Surgery for Degenerative Lumbar Instability. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Nov;78(6):556-560. doi: 10.1055/s-0037-1604284. Epub 2017 Aug 11. PMID: 28800665.
- 462: Höhne J, Werzmirzowsky K, Ott C, Hohenberger C, Hassanin BG, Brawanski A, Schebesch KM. Outcomes of Cranioplasty with Preformed Titanium versus Freehand Molded Polymethylmethacrylate Implants. *J Neurol Surg A Cent Eur Neurosurg*. 2018 May;79(3):200-205. doi: 10.1055/s-0037-1604362. Epub 2017 Aug 11. PMID: 28800664.
- 463: Hejčl A, Švihlová H, Sejkorová A, Radovnický T, Adámek D, Hron J, Dragomir- Daescu D, Málek J, Sameš M. Computational Fluid Dynamics of a Fatal Ruptured Anterior Communicating Artery Aneurysm. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Nov;78(6):610-616. doi: 10.1055/s-0037-1604286. Epub 2017 Aug 11. PMID: 28800663.
- 464: Brodard J, Radovanovic I, Cabrilo I, Schaller C. Jugular Foramen Meningioma with Transverse and Sigmoid Sinuses Invasion and Jugular Vein Extension. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Nov;78(6):617-622. doi: 10.1055/s-0037-1606296. Epub 2017 Aug 11. PMID: 28800662.
- 465: Urakov TM, Jagid JR. Mathematical Equation for Precise Burr Hole Placement in Stereotactic Deep Brain Stimulation Lead Placement. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Nov;78(6):607-609. doi: 10.1055/s-0037-1604287. Epub 2017 Jul 27. PMID: 28750452.

- 466: Miscusi M, Trungu S, Forcato S, Ramieri A, Polli FM, Raco A. Long-term Clinical Outcomes and Quality of Life in Elderly Patients Treated with Interspinous Devices for Lumbar Spinal Stenosis. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Mar;79(2):139-144. doi: 10.1055/s-0037-1604280. Epub 2017 Jul 27. PMID: 28750451.
- 467: Mayer S, Mauer UM, Mathieu R, Hackenbroch C, Knupfer J, Schulz C. Primary Amelanotic CNS Melanoma: Case Report and Literature Review. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Jan;79(1):96-100. doi: 10.1055/s-0037-1604326. Epub 2017 Jul 27. PMID: 28750450.
- 468: Wang SS, Zhao QS, Hong JF, Zhao L, Zhang XJ, Wang RM. Microsurgical and Endovascular Treatments for Ruptured Paraclinoid Aneurysms. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Jan;79(1):9-14. doi: 10.1055/s-0037-1604078. Epub 2017 Jul 25. PMID: 28743135.
- 469: Peschillo S, Biraschi F, Diana F, Colonnese C, Marengo M, Delfini R. Aneurysms of the Intracranial Segment of the Ophthalmic Artery Trunk: Case Report and Systematic Literature Review. *J Neurol Surg A Cent Eur Neurosurg*. 2018 May;79(3):257-261. doi: 10.1055/s-0037-1604268. Epub 2017 Jul 25. PMID: 28743134.
- 470: Pekic S, Bogosavljevic V, Peker S, Doknic M, Miljic D, Stojanovic M, Skender-Gazibara M, Gacic EM, Popovic V, Petakov M. Lymphocytic Hypophysitis Successfully Treated with Stereotactic Radiosurgery: Case Report and Review of the Literature. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Jan;79(1):77-85. doi: 10.1055/s-0037-1604079. Epub 2017 Jul 25. PMID: 28743133.
- 471: Korsak A, Likhodiievskiy V, Sokurenko L, Chaikovsky Y. New Method of Injured Nerve Repair. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Jul;79(4):291-295. doi: 10.1055/s-0037-1603633. Epub 2017 Jul 14. PMID: 28709176.
- 472: Qiu TL, Jin GL, Bao WQ, Lu HT. Morphological Effect on Wall Shear Stress in Intracranial Aneurysms. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Mar;79(2):108-115. doi: 10.1055/s-0037-1603634. Epub 2017 Jul 12. PMID: 28701005.
- 473: Latifaci I, Iplikcioglu C, Tokmak M, Ozek E. En Plaque pituitary neuroendocrine tumor within a Rathke's Cleft Cyst: Report of Three Cases. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Jan;79(1):86-89. doi: 10.1055/s-0037-1603635. Epub 2017 Jul 12. PMID: 28701004.
- 474: Archavlis E, Amr N, Kantelhardt SR, Giese A. Rates of Upper Facet Joint Violation in Minimally Invasive Percutaneous and Open Instrumentation: A Comparative Cohort Study of Different Insertion Techniques. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Jan;79(1):1-8. doi: 10.1055/s-0037-1603631. Epub 2017 Jul 3. PMID: 28672411.
- 475: Gembruch O, Dammann P, Schoemberg T, Ahmadipour Y, Payer M, Sure U, Tessitore E, Özkan N. Ventral C1 Fracture Combined with Congenital Posterior Cleft: What to Do? *J Neurol Surg A Cent Eur Neurosurg*. 2018 Jan;79(1):66-72. doi: 10.1055/s-0037-1603636. Epub 2017 Jun 22. PMID: 28641334.
- 476: Georgiopoulos M, Ellul J, Chroni E, Constantoyannis C. Efficacy, Safety, and Duration of a Frameless Fiducial-Less Brain Biopsy versus Frame-based Stereotactic Biopsy: A Prospective Randomized Study. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Jan;79(1):31-38. doi: 10.1055/s-0037-1602697. Epub 2017 Jun 12. PMID: 28605819.
- 477: Sabanci PA, Omay B, Aras Y, Aydoseli A, Ali A, Erdem T, Sencer A, Kiris T. Effect of Visible Light on Vasospasticity of Post-Subarachnoid Hemorrhage Cerebrospinal Fluid. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Nov;78(6):548-555. doi: 10.1055/s-0036-1594005. Epub 2017 Jun 8. PMID:

28597450.

478: Nomura M, Tamase A, Kamide T, Mori K, Seki S, Iida Y, Kawabata Y, Nakano T, Shima H, Yanagimoto K. Superficial Temporal Artery-Middle Cerebral Artery Bypass Using a Thick STA after Endarterectomy: A Rescue Technique. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Nov;78(6):595-600. doi: 10.1055/s-0037-1598050. Epub 2017 Jun 6. PMID: 28586938.

479: Ertl P, Hermann EJ, Heissler HE, Krauss JK. Telemetric Intracranial Pressure Recording via a Shunt System Integrated Sensor: A Safety and Feasibility Study. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Nov;78(6):572-575. doi: 10.1055/s-0037-1603632. Epub 2017 Jun 6. PMID: 28586937.

480: Ros de San Pedro J, Cuartero Pérez B. Completely Thrombosed Aneurysms of the Posterior Cerebral Artery: A Comprehensive Review. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Sep;78(5):488-501. doi: 10.1055/s-0037-1602700. Epub 2017 Jun 6. PMID: 28586936.

481: Ratre S, Yadav N, Yadav YR, Parihar VS, Bajaj J, Kher Y. Endoscopic Management of Arnold-Chiari Malformation Type I with or without Syringomyelia. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Jan;79(1):45-51. doi: 10.1055/s-0036-1594011. Epub 2017 Jun 6. PMID: 28586935.

482: Antuña AR, Vega MA, Sanchez CR, Fernandez VM. Brain Metastases of Non-Small Cell Lung Cancer: Prognostic Factors in Patients with Surgical Resection. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Mar;79(2):101-107. doi: 10.1055/s-0037-1601874. Epub 2017 Jun 6. PMID: 28586934.

483: Endo T, Ogawa Y, Watanabe M, Tominaga T. A Case of Pituitary Carcinoma Initially Diagnosed as an Ectopic Growth Hormone Producing pituitary neuroendocrine tumor with a High Ki-67 Labeling Index. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Jan;79(1):90-95. doi: 10.1055/s-0037-1600515. Epub 2017 Jun 6. PMID: 28586933.

484: Jackson C, Gallia GL, Chaichana KL. Minimally Invasive Biopsies of Deep- Seated Brain Lesions Using Tubular Retractors Under Exoscopic Visualization. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Nov;78(6):588-594. doi: 10.1055/s-0037-1602698. Epub 2017 May 8. PMID: 28482372.

485: Firsching R, Rickels E, Mauer UM, Sakowitz OW, Messing-Jünger M, Engelhard K, Schwenkreis P, Linn J, Schwerdtfeger K. Guidelines for the Treatment of Head Injury in Adults. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Sep;78(5):478-487. doi: 10.1055/s-0037-1599239. Epub 2017 May 8. PMID: 28482371.

486: Choi KC, Lee JH, Kim JS, Lee DC, Park CK. Combination of Transforaminal and Interlaminar Percutaneous Endoscopic Lumbar Discectomy for Extensive Down- migrated Disk Herniation. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Jan;79(1):60-65. doi: 10.1055/s-0037-1601875. Epub 2017 Apr 28. PMID: 28454187.

487: Chen Z, Liang Y, Chen F, Lin H, Chen Y, He G. Distribution and Clearance of Blood Constituents after Intracerebral Hemorrhage in Rats: Mechanisms and Relevance for Functional Outcomes. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Sep;78(5):472-477. doi: 10.1055/s-0037-1599138. Epub 2017 Apr 28. PMID: 28454186.

488: Pyrgelis ES, Mavridis I, Meliou M. Presenting Symptoms of Pituitary Apoplexy. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Jan;79(1):52-59. doi: 10.1055/s-0037-1599051. Epub 2017 Apr 24. PMID: 28437813.

489: Zhu H, Liu X, Wang Z. Infection Rate in 1033 Elective Neurosurgical Procedures at a University Hospital in South China. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Sep;78(5):467-471. doi:

10.1055/s-0037-1598658. Epub 2017 Apr 24. PMID: 28437812.

490: Koechlin NO, Abuhusain HJ, Gunawardena M, Auschwitz TS, Teo C. Symptomatic Outcome after Bone-only Suboccipital Decompression in Adult Patients with Chiari Type I Malformations in the Absence of Hydromyelia or Hydrocephalus. *J Neurol Surg A Cent Eur Neurosurg.* 2017 Jul;78(4):344-349. doi: 10.1055/s-0037-1599841. Epub 2017 Apr 24. PMID: 28437811.

491: Patkar S. Lateral Ventricle to Sylvian Fissure Shunt for Obstructive Hydrocephalus: First Report. *J Neurol Surg A Cent Eur Neurosurg.* 2017 Sep;78(5):513-516. doi: 10.1055/s-0037-1600516. Epub 2017 Apr 20. PMID: 28427106.

492: Rodriguez JJS, Torres-Corzo J, Cervantes DS, Rodriguez-DellaVecchia R, Gordillo-Moscoso A, Vinas-Rios JM, Sanchez-Aguilar M. Erratum: Influence of the State of the Subarachnoid Space of the Cranial Base in the Hydrocephalus Resolution after Endoscopy. *J Neurol Surg A Cent Eur Neurosurg.* 2017 May;78(3):e1. doi: 10.1055/s-0037-1602166. Epub 2017 Apr 4. PMID: 28376543.

493: Joswig H, Haile SR, Hildebrandt G, Stienen MN. Residents' Learning Curve of Lumbar Transforaminal Epidural Steroid Injections. *J Neurol Surg A Cent Eur Neurosurg.* 2017 Sep;78(5):460-466. doi: 10.1055/s-0037-1599056. Epub 2017 Mar 24. PMID: 28340495.

494: Altieri R, Cofano F, Agnoletti A, Fornaro R, Ajello M, Zenga F, Ducati A, Garbossa D. Postoperative Care of Patients with High-grade Glioma: Is There a Real Need for the Neurocritical ICU and Early CT Scan? *J Neurol Surg A Cent Eur Neurosurg.* 2018 Jan;79(1):25-30. doi: 10.1055/s-0037-1599238. Epub 2017 Mar 24. PMID: 28340494.

495: Pang X, Qian W. Changes in Regulatory T-Cell Levels in Acute Cerebral Ischemia. *J Neurol Surg A Cent Eur Neurosurg.* 2017 Jul;78(4):374-379. doi: 10.1055/s-0037-1599055. Epub 2017 Mar 20. PMID: 28320030.

496: Henmi T, Terai T, Nagamachi A, Sairyo K. Morphometric Changes of the Lumbar Intervertebral Foramen after Percutaneous Endoscopic Foraminoplasty under Local Anesthesia. *J Neurol Surg A Cent Eur Neurosurg.* 2018 Jan;79(1):19-24. doi: 10.1055/s-0037-1599059. Epub 2017 Mar 20. PMID: 28320029.

497: Dewanngan NK, Yadav YR, Parihar VS, Ratre S, Kher Y, Bhatele P. Extent of Decompression of Lumbar Spinal Canal after Endoscopic Surgery. *J Neurol Surg A Cent Eur Neurosurg.* 2017 Nov;78(6):541-547. doi: 10.1055/s-0037-1599819. Epub 2017 Mar 20. PMID: 28320028.

498: Anthofer JM, Steib K, Lange M, Rothenfusser E, Fellner C, Brawanski A, Schlaier J. Distance between Active Electrode Contacts and Dentatorubrothalamic Tract in Patients with Habituation of Stimulation Effect of Deep Brain Stimulation in Essential Tremor. *J Neurol Surg A Cent Eur Neurosurg.* 2017 Jul;78(4):350-357. doi: 10.1055/s-0036-1597894. Epub 2017 Mar 20. PMID: 28320027.

499: Kurzbuch AR, Kaech D, Baranowski P, Baranowska A, Recoules-Arche D. Extraforaminal Lumbar Interbody Fusion at the L5-S1 Level: Technical Considerations and Feasibility. *J Neurol Surg A Cent Eur Neurosurg.* 2017 Sep;78(5):507-512. doi: 10.1055/s-0037-1599226. Epub 2017 Mar 16. PMID: 28303561.

500: D'Andrea G, Pesce A, Trasimeni G, Wierzbicki V, Picotti V, Serraino A, Caruso R. Chondromyxoid Fibroma of the Skull Base: Our Experience with an Elusive Disease. *J Neurol Surg A Cent Eur Neurosurg.* 2017 Nov;78(6):576-581. doi: 10.1055/s-0037-1599137. Epub 2017 Mar 2. PMID: 28255973.

- 501: Schiff D. The Importance of Facts and the Role of Academic Publishers in Today's World-A Publisher's View. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Mar;78(2):v. doi: 10.1055/s-0037-1600097. Epub 2017 Mar 2. PMID: 28255970.
- 502: Eftekhari B. Smartphone as a Remote Touchpad to Facilitate Visualization of 3D Cerebral Angiograms during Aneurysm Surgery. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Sep;78(5):502-506. doi: 10.1055/s-0037-1598049. Epub 2017 Mar 1. PMID: 28249308.
- 503: Yoshimoto M, Iesato N, Terashima Y, Tanimoto K, Takebayashi T, Yamashita T. Long-Term Outcome of Microendoscopic Discectomy for Lumbar Disk Herniation. A Clinical Study of Consecutive 112 Cases with More than 5-Year Follow-Up. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Sep;78(5):446-452. doi: 10.1055/s-0037-1598657. Epub 2017 Mar 1. PMID: 28249307.
- 504: Di Rienzo A, Iacoangeli M, Alvaro L, Colasanti R, Somma LGMD, Nocchi N, Gladi M, Scerrati M. Mini-Craniotomy under Local Anesthesia to Treat Acute Subdural Hematoma in Deteriorating Elderly Patients. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Nov;78(6):535-540. doi: 10.1055/s-0037-1599054. Epub 2017 Mar 1. PMID: 28249306.
- 505: Ahmed N. Impact of Early Decompressive Craniectomy Following Blunt Traumatic Brain Injury on Mortality: Propensity Matched Analysis. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Sep;78(5):453-459. doi: 10.1055/s-0036-1593978. Epub 2017 Mar 1. PMID: 28249305.
- 506: Gasenzer ER, Kanat A, Neugebauer EA. First Report of Awake Craniotomy of a Famous Musician: Suprasellar Tumor Surgery of Pianist Clara Haskil in 1942. *J Neurol Surg A Cent Eur Neurosurg*. 2017 May;78(3):260-268. doi: 10.1055/s-0036-1597895. Epub 2017 Feb 20. PMID: 28219086.
- 507: Paudel B, Kim HS, Jang JS, Choi JH, Chung SK, Lee JS, Kim JH, Oh SH, Jang IT. Percutaneous Full Endoscopic Treatment of Bertolotti Syndrome: A Report of Three Cases with Technical Note. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Nov;78(6):566-571. doi: 10.1055/s-0037-1598173. Epub 2017 Feb 17. PMID: 28212594.
- 508: Hung CC, Chuang HY, Lin HL, Chu YT, Cheng CH. Intramuscular Migration of Venous Catheter as a Rare Complication of Ventriculoatrial Shunt: Case Report and Literature Review. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Jul;78(4):412-416. doi: 10.1055/s-0036-1597904. Epub 2017 Feb 13. PMID: 28192850.
- 509: Vergara P. Minimally Invasive Microscopic Posterior Cervical Decompression: Simple, Safe, and Effective. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Sep;78(5):440-445. doi: 10.1055/s-0037-1598051. Epub 2017 Feb 9. PMID: 28183145.
- 510: Tashiro R, Ogawa Y, Tominaga T. Rapid Deterioration of Latent HBV Hepatitis during Cushing Disease and Posttraumatic Stress Disorder after Earthquake. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Jul;78(4):407-411. doi: 10.1055/s-0037-1598052. Epub 2017 Feb 9. PMID: 28183144.
- 511: Burkhardt JK, Fierstra J, Esposito G, Baltsavias G, Bozinov O, Regli L. Rapid Documented Growth of Aneurysm Bleb Led to Rupture of an Incidental Intracranial Anterior Communicating Artery Aneurysm. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Sep;78(5):521-524. doi: 10.1055/s-0037-1598053. Epub 2017 Feb 9. PMID: 28183143.
- 512: Refaee EAE, Refaat MI, Reda M. Incidence of Secondary Hydrocephalus after Excision of Huge Encephaloceles in Neonates: Case Study. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Jan;79(1):15-18. doi: 10.1055/s-0036-1597548. Epub 2017 Feb 1. PMID: 28147383.

513: Shirvani M, Hajimirzabeigi A. Intraventricular Cavernous Malformation: Review of the Literature and Report of Three Cases with Neuroendoscopic Resection. *J Neurol Surg A Cent Eur Neurosurg*. 2017 May;78(3):269-280. doi: 10.1055/s-0036-1594235. Epub 2017 Jan 9. PMID: 28068754.

514: Schüppel J, Weber F. Retrospective Matched-Pair Cohort Study on Effect of Bisegmental Fenestration versus Hemilaminectomy for Bisegmental Spinal Canal Stenosis at L3-L4 and L4-L5. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Sep;78(5):431-439. doi: 10.1055/s-0036-1597617. Epub 2017 Jan 9. PMID: 28068753.

515: Al-Afif S, Schwabe K, Jabarin M, Cinibulak Z, Krauss JK. Emergency Lumbar Disk Operation: How Safe Is it? *J Neurol Surg A Cent Eur Neurosurg*. 2017 May;78(3):250-254. doi: 10.1055/s-0036-1597893. Epub 2017 Jan 9. PMID: 28068752.

516: Westermaier T, Nickl R, Koehler S, Fricke P, Stetter C, Rueckriegel SM, Ernestus RI. Selective Brain Cooling after Traumatic Brain Injury: Effects of Three Different Cooling Methods-Case Report. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Jul;78(4):397-402. doi: 10.1055/s-0036-1596057. Epub 2016 Dec 30. PMID: 28038481.

517: Quick-Weller J, Koch F, Dinc N, Lescher S, Baumgarten P, Harter P, Scheerer F, Sader R, Seifert V, Marquardt G, Freiman T. Intracranial Ameloblastoma Arising from the Maxilla: An Interdisciplinary Surgical Approach. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Nov;78(6):582-587. doi: 10.1055/s-0036-1594236. Epub 2016 Dec 30. PMID: 28038480.

518: Anderson JC, Nickerson DS, Tracy BL, Paxton RJ, Yamasaki DS. Acute Improvement in Intraoperative EMG Following Common Fibular Nerve Decompression in Patients with Symptomatic Diabetic Sensorimotor Peripheral Neuropathy: 1. EMG Results. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Sep;78(5):419-430. doi: 10.1055/s-0036-1593958. Epub 2016 Dec 30. PMID: 28038479.

519: Xie C, Zheng X, Zhang N. Tarlov Cyst Is Correlated with a Short Broad Terminal of the Thecal Sac. *J Neurol Surg A Cent Eur Neurosurg*. 2017 May;78(3):245-249. doi: 10.1055/s-0036-1596058. Epub 2016 Dec 27. PMID: 28027566.

520: Parihar VS, Yadav N, Yadav YR, Ratre S, Bajaj J, Kher Y. Endoscopic Management of Spinal Intradural Extramedullary Tumors. *J Neurol Surg A Cent Eur Neurosurg*. 2017 May;78(3):219-226. doi: 10.1055/s-0036-1594014. Epub 2016 Dec 12. PMID: 27951615.

521: Shunmugam S, Emmanuel T, Duvuru S. Posttraumatic Cavernous Segment Internal Carotid Artery Aneurysmal Rupture Presenting as Tentorial Subdural Hematoma. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Sep;78(5):517-520. doi: 10.1055/s-0036-1593960. Epub 2016 Dec 1. PMID: 27907932.

522: Khanna R. Dynamic Decompressive Craniotomy with a Novel Reversibly Expandable Plate. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Jul;78(4):386-389. doi: 10.1055/s-0036-1594013. Epub 2016 Nov 30. PMID: 27903020.

523: Sekiguchi K, Tsutsumi S, Arai S, Nonaka S, Suzuki T, Ishii H, Izumi H, Yasumoto Y. Osteochondroma Presenting as a Calcified Mass in the Sellar Region and Review of the Literature. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Jul;78(4):380-385. doi: 10.1055/s-0036-1596056. Epub 2016 Nov 30. PMID: 27903019.

524: Kvascevicus R, Lapteva O, Kesiene J, Vaitkus A, Mikulenaite L, Raugalas R, Sipylaite J, Rocka S, Juocevicius A. Intrathecal Baclofen Therapy for the Treatment of Spasticity in Lithuania. *J Neurol Surg*

A Cent Eur Neurosurg. 2017 May;78(3):281-285. doi: 10.1055/s-0036-1593973. Epub 2016 Nov 30. PMID: 27903018.

525: Tas S, Staub F, Dombert T, Marquardt G, Senft C, Seifert V, Duetzmann S. A Single-Center Prospective Observational Study of Ultrasonography for 6 Months after Surgical Decompression of the Median Nerve at the Carpal Tunnel. J Neurol Surg A Cent Eur Neurosurg. 2017 Jul;78(4):329-336. doi: 10.1055/s-0036-1593437. Epub 2016 Nov 30. PMID: 27903017.

526: Takahashi Y, Iwasaki M, Nakagawa A, Sato S, Nakasato N, Tominaga T. Predicting Tissue Breaking Strengths in the Epileptic Brain with T2 Relaxometry: Application of Pulsed Water Jet Dissection System for Epilepsy Surgery. J Neurol Surg A Cent Eur Neurosurg. 2017 Nov;78(6):561-565. doi: 10.1055/s-0036-1593959. Epub 2016 Nov 30. PMID: 27903016.

527: Stienen MN, Gempt J, Gautschi OP, Demetriades AK, Netuka D, Kühlen DE, Schaller K, Ringel F. Neurosurgical Resident Training in Germany. J Neurol Surg A Cent Eur Neurosurg. 2017 Jul;78(4):337-343. doi: 10.1055/s-0036-1594012. Epub 2016 Nov 30. PMID: 27903015.

528: Kellogg M, Petrov D, Agarwal N, Patel NV, Hansberry DR, Agarwal P, Brimacombe M, Gandhi CD, Prestigiacomo C. Effects of Meteorological Variables on the Incidence of Rupture of Intracranial Aneurysms in Central New Jersey. J Neurol Surg A Cent Eur Neurosurg. 2017 May;78(3):238-244. doi: 10.1055/s-0036-1594308. Epub 2016 Nov 30. PMID: 27903014.

529: Korf EM, Tronnier VM, Gliemroth J, Kuchler JN. Isoflurane-Associated Mydriasis Mimicking Blown Pupils in a Patient Treated in a Neurointensive Care Unit. J Neurol Surg A Cent Eur Neurosurg. 2017 Jul;78(4):403-406. doi: 10.1055/s-0036-1594237. Epub 2016 Nov 30. PMID: 27903013.

530: Bradac O, Pulkrabkova A, de Lacy P, Benes V. Neuropsychological Performance after Brain Arteriovenous Malformations Treatment. J Neurol Surg A Cent Eur Neurosurg. 2017 Jul;78(4):321-328. doi: 10.1055/s-0036-1592420. Epub 2016 Nov 11. PMID: 27835916.

531: Wang Q, Mao K, Wang C, Mei W. Transoral Atlantoaxial Release and Posterior Reduction by Occipitocervical Plate Fixation for the Treatment of Basilar Invagination with Irreducible Atlantoaxial Dislocation. J Neurol Surg A Cent Eur Neurosurg. 2017 Jul;78(4):313-320. doi: 10.1055/s-0036-1592199. Epub 2016 Oct 24. PMID: 27776367.

532: Shinoura N, Midorikawa A, Yamada R, Hiromitsu K, Itoi C, Saito S, Yagi K. Operative Strategies during Awake Surgery Affect Deterioration of Paresis a Month after Surgery for Brain Lesions in the Primary Motor Area. J Neurol Surg A Cent Eur Neurosurg. 2017 Jul;78(4):368-373. doi: 10.1055/s-0036-1586252. Epub 2016 Oct 18. PMID: 27756098.

533: von Eckardstein KL, Mielke D, Akhavan-Sigari R, Rohde V. Enlightening the Cerebellopontine Angle: Intraoperative Indocyanine Green Angiography in Microvascular Decompression for Trigeminal Neuralgia. J Neurol Surg A Cent Eur Neurosurg. 2017 Mar;78(2):161-166. doi: 10.1055/s-0036-1586746. Epub 2016 Sep 23. PMID: 27704490.

534: Wildförster U. Professor Gerhard Lausberg. J Neurol Surg A Cent Eur Neurosurg. 2016 Nov;77(6):465. doi: 10.1055/s-0036-1593378. Epub 2016 Oct 4. PMID: 27701708.

535: Sanchez Rodriguez JJ, Torres-Corzo J, Cervantes DS, Rodriguez-DellaVecchia R, Gordillo-Moscato A, Vinas-Rios JM, Sanchez-Aguilar M. Influence of the State of the Subarachnoid Space of the Cranial Base in Hydrocephalus Resolution after Endoscopy. J Neurol Surg A Cent Eur Neurosurg. 2017 May;78(3):255-259. doi: 10.1055/s-0036-1588063. Epub 2016 Sep 29. PMID: 27684061.

536: Roth C, Stitz H, Kleffmann J, Kaestner S, Deinsberger W, Ferbert A, Gehling M. Early Physiotherapy by Passive Range of Motion Does Not Affect Partial Brain Tissue Oxygenation in Neurocritical Care Patients. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Jan;78(1):42-45. doi: 10.1055/s-0036-1592160. Epub 2016 Sep 27. PMID: 27673345.

537: Ikuta K, Tarukado K, Masuda K. Characterization and Risk Factor Analysis for Recurrence Following Microendoscopic Discectomy for Lumbar Disk Herniation. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Mar;78(2):154-160. doi: 10.1055/s-0036-1592161. Epub 2016 Sep 22. PMID: 27657858.

538: Eun SS, Eum JH, Lee SH, Sabal LA. Biportal Endoscopic Lumbar Decompression for Lumbar Disk Herniation and Spinal Canal Stenosis: A Technical Note. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Jul;78(4):390-396. doi: 10.1055/s-0036-1592157. Epub 2016 Sep 21. PMID: 27652804.

539: Tan T, Chu J, Thien C, Wang YY. Minimally Invasive Direct Lateral Corpectomy of the Thoracolumbar Spine for Metastatic Spinal Cord Compression. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Jul;78(4):358-367. doi: 10.1055/s-0036-1592159. Epub 2016 Sep 21. PMID: 27652803.

540: Marchi L, Pimenta L, Oliveira L, Fortti F, Amaral R, Abdala N. Distance between Great Vessels and the Lumbar Spine: MRI Study for Anterior Longitudinal Ligament Release Through a Lateral Approach. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Mar;78(2):144-153. doi: 10.1055/s-0036-1592144. Epub 2016 Sep 21. PMID: 27652802.

541: Papageorgiou PN, Deschner J, Papageorgiou SN. Effectiveness and Adverse Effects of Deep Brain Stimulation: Umbrella Review of Meta-Analyses. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Mar;78(2):180-190. doi: 10.1055/s-0036-1592158. Epub 2016 Sep 19. PMID: 27642815.

542: Endo T, Wenting J, Nakagawa A, Endo H, Sagae Y, Iwasaki M, Tominaga T. New Application of Actuator-Driven Pulsed Water Jet for Spinal Cord Dissection: An Experimental Study in Pigs. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Mar;78(2):137-143. doi: 10.1055/s-0036-1584919. Epub 2016 Sep 7. PMID: 27604071.

543: Komatsu F, Imai M, Hirayama A, Hotta K, Hayashi N, Oda S, Shimoda M, Matsumae M. Endoscopic Microvascular Decompression with Transposition for Trigeminal Neuralgia and Hemifacial Spasm: Technical Note. *J Neurol Surg A Cent Eur Neurosurg*. 2017 May;78(3):291-295. doi: 10.1055/s-0036-1592077. Epub 2016 Sep 5. PMID: 27595274.

544: Balik V, Yamada Y, Talari S, Kei Y, Sano H, Sulla I, Suyama D, Kawase T, Takagi K, Takizawa K, Kato Y. State-of-Art Surgical Treatment of Dissecting Anterior Circulation Intracranial Aneurysms. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Jan;78(1):67-77. doi: 10.1055/s-0036-1588064. Epub 2016 Sep 5. PMID: 27595273.

545: Arko L 4th, Berry CT, Desai AS, Weaver M. Intradiploic Epidermoid Tumors of the Cranium: Case Report with Review of the Literature. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Mar;78(2):167-179. doi: 10.1055/s-0036-1585584. Epub 2016 Aug 24. PMID: 27556641.

546: Eun SS, Kumar R, Choi WG, Cho HR, Lee SH. Lamina Fenestration Technique for Treatment of Thoracic Ossified Ligamentum Flavum: 2-Year Follow-Up Result. *J Neurol Surg A Cent Eur Neurosurg*. 2017 May;78(3):286-290. doi: 10.1055/s-0036-1586253. Epub 2016 Aug 22. PMID: 27548012.

547: Virga J, Bognár L, Hortobágyi T, Zahuczky G, Csősz É, Kalló G, Tóth J, Hutóczki G, Reményi-Puskár J, Steiner L, Klekner A. Prognostic Role of the Expression of Invasion-Related Molecules in

Glioblastoma. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Jan;78(1):12-19. doi: 10.1055/s-0036-1584920. Epub 2016 Aug 16. PMID: 27529670.

548: Guvenc Y, Demirci A, Billur D, Aydin S, Ozeren E, Bayram P, Dilli A, Gokce EC, Yaman O, Celik H, Karatay M, Alagoz F, Kaptanoglu E. Punica granatum L. Juice Attenuates Experimental Cerebral Vasospasm in the Rabbit Subarachnoid Hemorrhage Model: A Basilar Artery Morphometric Study and Apoptosis. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Mar;78(2):124-131. doi: 10.1055/s-0036-1584906. Epub 2016 Aug 10. PMID: 27509316.

549: Brock M, Hermann Dietz. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Sep;77(5):379-80. doi: 10.1055/s-0036-1586745. Epub 2016 Aug 10. PMID: 27509226.

550: Hu Z, Kang Z, Zhu G, Tu J, Huang H, Guan F, Dai B, Mao B. Experience with Lumbar Puncture Following Endoscopic Third Ventriculostomy for Obstructive Hydrocephalus. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Mar;78(2):132-136. doi: 10.1055/s-0035-1564050. Epub 2016 Aug 4. PMID: 27490647.

551: Li L, Dong Y, He Y, Liu X, Tong W. Treatment of Thoracolumbar spine fractures by Percutaneous Pedicle Screw Fixation Technique Combined with Three-step Reduction. *J Neurol Surg A Cent Eur Neurosurg*. 2017 May;78(3):231-237. doi: 10.1055/s-0036-1584886. Epub 2016 Jul 26. PMID: 27459323.

552: Siemionow K, Hansdorfer M, Janusz P, Mardjetko S. Complications in Adult Patients with Down Syndrome Undergoing Cervical Spine Surgery Using Current Instrumentation Techniques and rhBMP-2: A Long-Term Follow-Up. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Mar;78(2):113-123. doi: 10.1055/s-0036-1584905. Epub 2016 Jul 22. PMID: 27448197.

553: Hayek MA, Roth C, Kaestner S, Deinsberger W. Impact of External Ventricular Drainage Volumes on Shunt Dependency after Subarachnoid Hemorrhage. *J Neurol Surg A Cent Eur Neurosurg*. 2017 May;78(3):227-230. doi: 10.1055/s-0036-1584813. Epub 2016 Jul 22. PMID: 27448196.

554: Dorsch AB, Leonardo J. Use of the Swiveling Technique for Endoscopic Removal of a Colloid Cyst of the Third Ventricle: A Technical Note. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Jan;78(1):78-81. doi: 10.1055/s-0036-1584828. Epub 2016 Jul 18. PMID: 27429416.

555: Kurzbuch AR, Recoules-Arche D. Epidural Fibrosis Seen from a Different Angle: Extraforaminal Lumbar Interbody Fusion. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Jan;78(1):82-86. doi: 10.1055/s-0036-1584827. Epub 2016 Jul 14. PMID: 27415595.

556: Sommer B, Kreuzer M, Bischoff B, Wolf D, Schmitt H, Eyupoglu IY, Rössler K, Buchfelder M, Ganslandt O, Wiendieck K. Combined Laser-Doppler Flowmetry and Spectrophotometry: Feasibility Study of a Novel Device for Monitoring Local Cortical Microcirculation during Aneurysm Surgery. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Jan;78(1):1-11. doi: 10.1055/s-0036-1584510. Epub 2016 Jul 14. PMID: 27415594.

557: Sajjad J, Kaliaperumal C, Yousaf I, Bhatti RJ, O'Sullivan M. A Prospective Analysis of Complications of Intracranial Tumor Surgery. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Jan;78(1):53-59. doi: 10.1055/s-0036-1584814. Epub 2016 Jul 14. PMID: 27415593.

558: Kershenovich A, Toms SA. The Acetazolamide Challenge: A Tool for Surgical Decision Making and Predicting Surgical Outcome in Patients with Arachnoid Cysts. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Jan;78(1):33-41. doi: 10.1055/s-0036-1584815. Epub 2016 Jul 14. PMID: 27415592.

- 559: Shin DS, Yilmaz A, Ozkul A, Yeo DK, Hwang SC, Kim BT. Direct Carotid Exposure for Neuroendovascular Approaches. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Nov;77(6):505-510. doi: 10.1055/s-0036-1584511. Epub 2016 Jul 1. PMID: 27367359.
- 560: Moiyadi A, Shetty P. Early Experience with Combining Awake Craniotomy and Intraoperative Navigable Ultrasound for Resection of Eloquent Region Gliomas. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Mar;78(2):105-112. doi: 10.1055/s-0036-1584512. Epub 2016 Jul 1. PMID: 27367358.
- 561: Gragnaniello C, Abou-Hamden A, Mortini P, Colombo EV, Bailo M, Seex KA, Litvack Z, Caputy AJ, Gagliardi F. Complex Spine Pathology Simulator: An Innovative Tool for Advanced Spine Surgery Training. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Nov;77(6):515-522. doi: 10.1055/s-0036-1583940. Epub 2016 Jul 1. PMID: 27367357.
- 562: Tanriverdi O, Gungor A, Coban MK, Okay O, Kamaci U. A New Less Invasive Technique for Multiple-Level Spontaneous Spinal Epidural Hematomas: Wash-and-Go Technique. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Mar;78(2):198-201. doi: 10.1055/s-0036-1582435. Epub 2016 Jun 27. PMID: 27347652.
- 563: Stary JM, Hutchins L, Vega RA. Tranexamic Acid for Recurring Subdural Hematomas Following Surgical Evacuation: A Clinical Case Series. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Sep;77(5):422-6. doi: 10.1055/s-0036-1584212. Epub 2016 Jun 14. PMID: 27300772.
- 564: Iwata T, Mori T, Tanno Y, Kasakura S, Yoshioka K. Subacute Percutaneous Cerebral Balloon Angioplasty for Middle Cerebral Artery Occlusion in Patients with Internal Border Zone Infarcts. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Jan;78(1):25-32. doi: 10.1055/s-0036-1584209. Epub 2016 Jun 14. PMID: 27300771.
- 565: Siemionow K, Janusz P, Phillips FM, Youssef JA, Isaacs R, Tyrakowski M, McCormack B. Clinical and Radiographic Results of Indirect Decompression and Posterior Cervical Fusion for Single-Level Cervical Radiculopathy Using an Expandable Implant with 2-Year Follow-Up. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Nov;77(6):482-488. doi: 10.1055/s-0036-1584210. Epub 2016 Jun 8. PMID: 27276119.
- 566: Karsy M, Guan J, Ravindra VM, Stilwill S, Mahan MA. Diagnostic Quality of Magnetic Resonance Imaging Interpretation for Peripheral Nerve Sheath Tumors: Can Malignancy Be Determined? *J Neurol Surg A Cent Eur Neurosurg*. 2016 Nov;77(6):495-504. doi: 10.1055/s-0036-1584213. Epub 2016 Jun 8. PMID: 27276118.
- 567: Mauer UM, Jahn A, Unterreithmeir L, Wagner W, Kunz U, Schulz C. Survey on Current Postnatal Surgical Management of Myelomeningocele in Germany. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Nov;77(6):489-494. doi: 10.1055/s-0035-1571163. Epub 2016 Jun 7. PMID: 27273605.
- 568: Roser F, Ebner FH, Ernemann U, Tatagiba M, Ramina K. Improved CT Imaging for Mastoid Emissary Vein Visualization Prior to Posterior Fossa Approaches. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Nov;77(6):511-514. doi: 10.1055/s-0036-1584208. Epub 2016 May 31. PMID: 27246992.
- 569: Sakai T, Tezuka F, Abe M, Yamashita K, Takata Y, Higashino K, Nagamachi A, Sairyo K. Pediatric Patient with Incidental Os Odontoideum Safely Treated with Posterior Fixation Using Rod-Hook System and Preoperative Planning Using 3D Printer: A Case Report. *J Neurol Surg A Cent Eur Neurosurg*. 2017 May;78(3):306-309. doi: 10.1055/s-0036-1584211. Epub 2016 May 31. PMID: 27246991.
- 570: Li Z, Yao W, Han K, Lan X, Bo Y. Rapid Clearance of Lateral Ventricular Hematoma via Frontal

Eminence Puncture and Aspiration: A Technical Note. *J Neurol Surg A Cent Eur Neurosurg.* 2017 Jan;78(1):87-91. doi: 10.1055/s-0036-1582437. Epub 2016 May 25. PMID: 27224734.

571: Kang IH, Malla HP, Lee SH, Park CK, Choi SK. Revascularization as Treatment of a Ruptured Fusiform Aneurysm at the Cortical Segment of the Superior Cerebellar Artery: A Case Report and Literature Review. *J Neurol Surg A Cent Eur Neurosurg.* 2017 May;78(3):302-305. doi: 10.1055/s-0036-1582436. Epub 2016 May 25. PMID: 27224733.

572: Lothes TE, Siekmann M, König RW, Wirtz CR, Coburger J. Surgical Workflow Analysis: Ideal Application of Navigated Linear Array Ultrasound in Low-Grade Glioma Surgery. *J Neurol Surg A Cent Eur Neurosurg.* 2016 Nov;77(6):466-473. doi: 10.1055/s-0036-1580594. Epub 2016 May 16. PMID: 27183362.

573: Pesce A, Acqui M, Cimatti M, Caruso R, Wierzbicki V, Raco A. Primary Lymphomas of the Skull Base from a Neurosurgical Perspective: Review of the Literature and Personal Experience. *J Neurol Surg A Cent Eur Neurosurg.* 2017 Jan;78(1):60-66. doi: 10.1055/s-0035-1571160. Epub 2016 May 11. PMID: 27168320.

574: Muheremu A, Sun Y, Yan K, Yu J, Zheng S, Tian W. Effect of Anterior Cervical Discectomy and Fusion on Patients with Atypical Symptoms Related to Cervical Spondylosis. *J Neurol Surg A Cent Eur Neurosurg.* 2016 Sep;77(5):395-9. doi: 10.1055/s-0036-1582015. Epub 2016 May 11. PMID: 27168319.

575: Behme D, Malinova V, Kallenberg K, Knauth M, Mohr A. Unenhanced Time-of-Flight MR Angiography versus Gadolinium-Enhanced Time-of-Flight MR Angiography in the Follow-Up of Coil-Embolized Aneurysms. *J Neurol Surg A Cent Eur Neurosurg.* 2016 Sep;77(5):400-5. doi: 10.1055/s-0036-1582014. Epub 2016 May 11. PMID: 27168318.

576: Wieser LM, Sauermann S, Weber F. How Many Cases of Spine Surgery Are Performed in Germany? Method of Counting the Number of Cases of Spine Surgery in Germany. *J Neurol Surg A Cent Eur Neurosurg.* 2016 Sep;77(5):389-94. doi: 10.1055/s-0035-1570000. Epub 2016 May 10. PMID: 27163276.

577: Kim E. Ultrasonography-Assisted Bedside Technique to Identify and Aspirate Clots: Rescue for Patients with Post-Craniectomy Epidural Hematomas. *J Neurol Surg A Cent Eur Neurosurg.* 2016 Nov;77(6):527-530. doi: 10.1055/s-0035-1571165. Epub 2016 May 5. PMID: 27149021.

578: Nechanicka N, Barsa P, Harsa P. Psychosocial Factors in Patients Indicated for Lumbar Spinal Stenosis Surgery. *J Neurol Surg A Cent Eur Neurosurg.* 2016 Sep;77(5):432-40. doi: 10.1055/s-0036-1583179. Epub 2016 May 4. PMID: 27144540.

579: Liebigt S, Florschütz A, Arndt N, Stock K, Renner C. Atypical Teratoid/Rhabdoid Tumor of the Pineal Region in a Young Adult Male Patient: Case Report and Review of the Literature. *J Neurol Surg A Cent Eur Neurosurg.* 2017 Jan;78(1):92-98. doi: 10.1055/s-0036-1583180. Epub 2016 May 4. PMID: 27144539.

580: Iftikhar M, Siddiqui UT, Rauf MY, Malik AO, Javed G. Comparison of Irrigation versus No Irrigation during Burr Hole Evacuation of Chronic Subdural Hematoma. *J Neurol Surg A Cent Eur Neurosurg.* 2016 Sep;77(5):416-21. doi: 10.1055/s-0035-1564049. Epub 2016 Apr 28. PMID: 27123748.

581: Bostelmann R, Steiger HJ, Cornelius JF. Effect of Annular Defects on Intradiscal Pressures in the Lumbar Spine: An in Vitro Biomechanical Study of Discectomy and Annular Repair. *J Neurol Surg A Cent Eur Neurosurg.* 2017 Jan;78(1):46-52. doi: 10.1055/s-0035-1570344. Epub 2016 Apr 28. PMID:

27123747.

582: Wenting J, Ogawa Y, Ito J, Tominaga T. Suprasellar Hemangioblastoma Unrelated to von Hippel-Lindau Disease Successfully Treated through Extended Transsphenoidal Approach: Diagnostic Value of Von Hippel-Lindau Disease Gene-Derived Protein. *J Neurol Surg A Cent Eur Neurosurg*. 2017 May;78(3):296-301. doi: 10.1055/s-0036-1582016. Epub 2016 Apr 28. PMID: 27123746.

583: Richter H, Seule M, Hildebrandt G, Fournier JY. Dynamic Cervical Implant versus Anterior Cervical Discectomy and Fusion: A Prospective Study of Clinical and Radiologic Outcome. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Jul;77(4):300-7. doi: 10.1055/s-0035-1567861. Epub 2016 Apr 18. PMID: 27088592.

584: Luo X, Lin C, Wang X, Lin X, He S, Liu Y, Zhang Y, Yang R, Zhu X. Acellular Dermal Matrix Combined with Autologous Skin Grafts for Closure of Chronic Wounds after Reconstruction of Skull Defects with Titanium Mesh. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Jul;77(4):297-9. doi: 10.1055/s-0035-1559810. Epub 2016 Apr 18. PMID: 27088591.

585: Ratre S, Yadav YR, Parihar VS, Kher Y. Microendoscopic Removal of Deep-Seated Brain Tumors Using Tubular Retraction System. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Jul;77(4):312-20. doi: 10.1055/s-0036-1580595. Epub 2016 Apr 11. PMID: 27064583.

586: Joswig H, Richter H, Haile SR, Hildebrandt G, Fournier JY. Introducing Interlaminar Full-Endoscopic Lumbar Discectomy: A Critical Analysis of Complications, Recurrence Rates, and Outcome in View of Two Spinal Surgeons' Learning Curves. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Sep;77(5):406-15. doi: 10.1055/s-0035-1570343. Epub 2016 Apr 11. PMID: 27064582.

587: Orita S, Inage K, Kubota G, Sainoh T, Sato J, Fujimoto K, Shiga Y, Nakamura J, Matsuura Y, Eguchi Y, Aoki Y, Toyone T, Yamauchi K, Sakuma Y, Oikawa Y, Suzuki T, Takahashi K, Hynes RA, Ohtori S. One-Year Prospective Evaluation of the Technique of Percutaneous Cortical Bone Trajectory Spondylodesis in Comparison with Percutaneous Pedicle Screw Fixation: A Preliminary Report with Technical Note. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Nov;77(6):531-537. doi: 10.1055/s-0035-1566118. Epub 2016 Mar 29. PMID: 27023825.

588: Dostal M, Kaech DL. Radiologic and Clinical Evaluation 12 Months after Anterior Cervical Discectomy and Dynamic Stabilization of the Segment with Dynamic Cervical Implant. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Nov;77(6):474-481. doi: 10.1055/s-0035-1571164. Epub 2016 Mar 29. PMID: 27023824.

589: Hokari M, Ito Y, Yamazaki K, Chiba Y, Isobe M, Isu T. The Relationship between Carotid Stump Pressure and Changes in Motor-Evoked Potentials in Carotid Endarterectomy Patients. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Jul;77(4):291-6. doi: 10.1055/s-0036-1580596. Epub 2016 Mar 11. PMID: 26968148.

590: Idris Z, Tan YC, Kandasamy R, Ghani RI, Abdullah JM. Transfrontal Transaqueductal, Transtrigonal, and Suboccipital Infratentorial Supracerebellar Endoscopic Fenestration of Posterior Fossa Arachnoid Cysts: Three Surgical Cases. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Mar;78(2):210-215. doi: 10.1055/s-0035-1571161. Epub 2016 Mar 11. PMID: 26968147.

591: Roberti F, Arsenault KL. The Use of a "Double-Triple Barrel" Technique during Minimally Invasive Multilevel Tubular Laminectomy. A Technical Note. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Mar;78(2):202-205. doi: 10.1055/s-0035-1566119. Epub 2016 Mar 2. PMID: 26935299.

- 592: Nakamura S, Ikeda S, Taguchi M. Urokinase-Treated Antithrombogenic Drains and Optimized Drain Placement in Endoscopic Lumbar Decompressive Surgery. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Jul;77(4):354-60. doi: 10.1055/s-0035-1570345. Epub 2016 Mar 2. PMID: 26935298.
- 593: Altinoz MA, Elmaci I, Ince B, Ozpinar A, Sav AM. Hemoglobins, Hemorphins, and 11p15.5 Chromosomal Region in Cancer Biology and Immunity with Special Emphasis for Brain Tumors. *J Neurol Surg A Cent Eur Neurosurg*. 2016 May;77(3):247-57. doi: 10.1055/s-0035-1566120. Epub 2016 Mar 2. PMID: 26935297.
- 594: Sarmiento JM, Mukherjee D, Black KL, Fan X, Hu JL, Nuno MA, Patil CG. Do Long-Term Survivor Primary Glioblastoma Patients Harbor IDH1 Mutations? *J Neurol Surg A Cent Eur Neurosurg*. 2016 May;77(3):195-200. doi: 10.1055/s-0035-1566121. Epub 2016 Mar 2. PMID: 26935296.
- 595: Abdelaziz O, Eshra M, Belal A, Elshafei M. Diagnostic Value of Magnetic Resonance Spectroscopy Compared with Stereotactic Biopsy of Intra-axial Brain Lesions. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Jul;77(4):283-90. doi: 10.1055/s-0035-1571162. Epub 2016 Mar 2. PMID: 26935295.
- 596: Westermaier T, Linsenmann T, Keupp M, Guenther-Lengsfeld T, Ernestus RI, Solymosi L. Fourth Ventricular AVM with Transdural Drainage. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Mar;78(2):206-209. doi: 10.1055/s-0035-1563557. Epub 2016 Mar 2. PMID: 26935294.
- 597: Gazzeri R. Commentary on: Efficacy, Security, and Manageability of Gelified Hemostatic Matrix in Bleeding Control during Thoracic and Lumbar Spine Surgery: FloSeal vs Surgiflo. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Mar;77(2):143-5. doi: 10.1055/s-0035-1566113. Epub 2016 Feb 2. PMID: 26839111.
- 598: Nakamura S, Shibayama M. Rectangular Tubular Retractor for Microendoscopic Lumbar Decompression. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Mar;78(2):191-197. doi: 10.1055/s-0035-1570006. Epub 2016 Jan 25. PMID: 26807620.
- 599: Agarwal N, Hansberry DR, Meleis A, Lieber BA, Gandhi CD, Prestigiacomo CJ. Endovascular Management of Spinal Dural Arteriovenous Fistulas. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Nov;77(6):523-526. doi: 10.1055/s-0035-1570002. Epub 2016 Jan 25. PMID: 26807619.
- 600: Ziegler A, Walker R, Varvares M. Oncologic Outcomes of Invasive Squamous Cell Carcinoma of the Scalp Requiring Resection of Cranial Bone. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Jul;77(4):308-11. doi: 10.1055/s-0035-1567859. Epub 2016 Jan 25. PMID: 26807618.
- 601: Kienzler J, Marbacher S, Remonda L, Soleman J, Ai Schlaeppli J, Leupold U, Fandino J. Outcome after In-Hospital Rebleeding of Rupture of Intracranial Aneurysms. *J Neurol Surg A Cent Eur Neurosurg*. 2016 May;77(3):207-21. doi: 10.1055/s-0035-1570007. Epub 2016 Jan 25. PMID: 26807617.
- 602: Garber S, McCaffrey J, Quigley EP, MacDonald JD. Bedside Treatment of Chronic Subdural Hematoma: Using Radiographic Characteristics to Revisit the Twist Drill. *J Neurol Surg A Cent Eur Neurosurg*. 2016 May;77(3):233-8. doi: 10.1055/s-0035-1570128. Epub 2016 Jan 25. PMID: 26807616.
- 603: Brändle K, Stienen MN, Neff A, Hildebrandt G, Joswig H. Ten-Day Response to CT-Guided Spinal Infiltration Therapy in More Than a Thousand Patients. *J Neurol Surg A Cent Eur Neurosurg*. 2016 May;77(3):181-94. doi: 10.1055/s-0035-1570003. Epub 2016 Jan 25. PMID: 26807615.
- 604: Dubey S, Janu A, Chaudhari S, Moiyadi A. Navigable 3D-Ultrasound Facilitates Supra-Radical Resections beyond the Contrast-Enhancing Boundaries in Malignant Gliomas. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Jul;77(4):372-5. doi: 10.1055/s-0035-1570005. Epub 2016 Jan 25. PMID: 26807614.

605: von Spreckelsen N, Liebig T, Goldbrunner R, Krischek B. Aneurysms Encased in Meningiomas: A Case Report and Review of the Literature. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Jan;78(1):99-102. doi: 10.1055/s-0035-1570001. Epub 2016 Jan 25. PMID: 26807613.

606: Freimann FB, Thomale UW. Obituary Christian Sprung. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Jan;77(1):1. doi: 10.1055/s-0035-1566300. Epub 2016 Jan 13. PMID: 26761508.

607: Adeleye AO. Clinical and Radiologic Outcome of a Less Invasive, Low-Cost Surgical Technique of Osteoplastic Decompressive Craniectomy. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Mar;77(2):167-75. doi: 10.1055/s-0035-1566115. Epub 2016 Jan 5. PMID: 26731715.

608: Kim SW, Lee JH, Lee HW, Oh JK, Kwak YH. New Technique for C1 Double-Door Laminoplasty Using Allograft Spacers and Titanium Miniplate Screw Fixation: Technical Report. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Mar;77(2):155-60. doi: 10.1055/s-0035-1549306. Epub 2015 Dec 21. PMID: 26689563.

609: Mauer UM, Freude G, Schulz C, Kunz U, Mathieu R. Pediatric Neurosurgical Care in a German Field Hospital in Afghanistan. *J Neurol Surg A Cent Eur Neurosurg*. 2017 Jan;78(1):20-24. doi: 10.1055/s-0035-1567862. Epub 2015 Dec 21. PMID: 26689562.

610: Ruf M, Drumm J, Pitzen T, Merk HR. C1-C2 Instrumentation According to Harms/Goel in Case of Vertebral Artery below the Arch of C1: A Case Report. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Nov;77(6):543-547. doi: 10.1055/s-0035-1567860. Epub 2015 Dec 21. PMID: 26689561.

611: Maeske M, Mayer S, Blanc SM, Schulz C, Kunz U, Mauer UM. Telemetric Intracranial Pressure Measurement: A Graphical Approach to Data Analysis. *J Neurol Surg A Cent Eur Neurosurg*. 2016 May;77(3):258-63. doi: 10.1055/s-0035-1566117. Epub 2015 Nov 20. PMID: 26588254.

612: Carvalho CH, Kimmig H, Lopez WO, Lange M, Oeckler R. Hypertrophic Olivary Degeneration: A Neurosurgical Point of View. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Jan;77(1):59-62. doi: 10.1055/s-0035-1566114. Epub 2015 Nov 20. PMID: 26588253.

613: Mavridis I, Anagnostopoulou S. Stereotactic Localization of the Monro Foramen and the Safest Stereotactic Interforniceal Approach to the Third Ventricle: A Neuroanatomical Study. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Mar;77(2):102-10. doi: 10.1055/s-0035-1558406. Epub 2015 Oct 28. PMID: 26509740.

614: Rasulić L, Rotim K, Sajko T. The Sense and Sensibility of SeENS in Sarajevo 2015: Building Bridges of Knowledge and Understanding. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Oct;76 Suppl 2:i. doi: 10.1055/s-0035-1566237. Epub 2015 Oct 19. PMID: 26478999.

615: Joksimovic B, Szelenyi A, Seifert V, Damjanovic A, Damjanovic A, Rasulic L. Erratum to: Transcranial Electric Stimulation for Intraoperative Motor Evoked Potential Monitoring: Dependence of Required Stimulation Current on Interstimulus Interval Value. *J Neurol Surg A Cent Eur Neurosurg* 2015;76(3):190-198. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Nov;76(6):513. doi: 10.1055/s-0035-1566223. Epub 2015 Oct 16. Erratum for: *J Neurol Surg A Cent Eur Neurosurg*. 2015 May;76(3):190-8. Szelenyi, Andrea [added];Seifert, Volker [added]. PMID: 26474123.

616: Plazier M, Camp TV, Mevnosky T, Ost J, De Ridder D, Vanneste S. A Simple Technique for Surgical Placement of Occipital Nerve Stimulators without Anchoring the Lead. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Sep;77(5):441-6. doi: 10.1055/s-0035-1563555. Epub 2015 Oct 7. PMID: 26444964.

- 617: Rackauskas Z, Lapteva O, Rocka S. Timing of Surgery for Neurologically Compromised Traumatic Cervical Spine Injuries. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Sep;77(5):427-31. doi: 10.1055/s-0035-1564052. Epub 2015 Oct 7. PMID: 26444963.
- 618: Tantongtip D, Spetzger U, Arnold S, von Schilling A, Kiriyanthan G. How Relevant Is Occlusion of Associated Developmental Venous Anomaly in Cerebral Cavernoma Surgery? A Clinical and Radiographic Comparison Study. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Mar;77(2):111-7. doi: 10.1055/s-0035-1554810. Epub 2015 Oct 7. PMID: 26444962.
- 619: Romero MC, Lozano M, Montes-Lourido P, Bermudez MA, Vicente AF, Prieto A, Gonzalez F. Visual Perception in Anterior Temporal Lobectomy. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Mar;77(2):118-29. doi: 10.1055/s-0035-1564051. Epub 2015 Oct 7. PMID: 26444961.
- 620: Czorlich P, Regelsberger J, Meixensberger J, Westphal M, Eicker SO. From Abstract to Publication in a Peer-Reviewed Journal: Evaluation of the 63rd Annual Meeting of the German Society of Neurosurgery. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Jan;77(1):46-51. doi: 10.1055/s-0035-1558822. Epub 2015 Oct 7. PMID: 26444960.
- 621: Ernst GL, Carlson AP. Transverse Sinus Dural Arteriovenous Fistula Presenting with Acute Hydrocephalus from Cerebellar Venous Engorgement Resolving with Endovascular Treatment. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Nov;77(6):538-542. doi: 10.1055/s-0035-1563558. Epub 2015 Oct 7. PMID: 26444959.
- 622: Adachi K, Hayakawa M, Sadato A, Hayashi T, Maeda S, Nagahisa S, Hasegawa M. Modified Balloon Protection Technique for Preoperative Embolization of Feeder Arteries from Internal Carotid Artery Branches to Skull-Base Tumor: Technical Note. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Mar;77(2):161-6. doi: 10.1055/s-0034-1543961. Epub 2015 Sep 10. PMID: 26356540.
- 623: Cohen-Inbar O, Amsalem Y. Cerebral Nitinol Stenting in Progressive Stroke and in Crescendo TIAs. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Nov;76(6):499-507. doi: 10.1055/s-0035-1558418. Epub 2015 Sep 9. PMID: 26351873.
- 624: Rossi-Mossuti F, Fisch U, Schoettker P, Gugliotta M, Morard M, Schucht P, Schatlo B, Levivier M, Walder B, Fandino J. Surgical Treatment of Severe Traumatic Brain Injury in Switzerland: Results from a Multicenter Study. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Jan;77(1):36-45. doi: 10.1055/s-0035-1563556. Epub 2015 Sep 9. PMID: 26351872.
- 625: Nevzati E, Soleman J, Schöpf SA, Coluccia D, Fandino J, Marbacher S. An Interlaminotomy New Zealand White Rabbit Model to Evaluate Novel Epidural Strategies. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Nov;76(6):466-72. doi: 10.1055/s-0035-1558416. Epub 2015 Sep 9. PMID: 26351871.
- 626: Landi A, Gregori F, Marotta N, Delfini R. Efficacy, Security, and Manageability of Gelified Hemostatic Matrix in Bleeding Control during Thoracic and Lumbar Spine Surgery: FloSeal versus Surgiflo. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Mar;77(2):139-43. doi: 10.1055/s-0035-1558413. Epub 2015 Sep 9. PMID: 26351870.
- 627: Kolodziej MA, Hellwig D, Nimsky C, Benes L. Treatment of Central Deafferentation and Trigeminal Neuropathic Pain by Motor Cortex Stimulation: Report of a Series of 20 Patients. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Jan;77(1):52-8. doi: 10.1055/s-0035-1558419. Epub 2015 Sep 9. PMID: 26351869.
- 628: Fotakopoulos G, Tsianaka E, Siasios G, Vagkopoulos K, Fountas K. Posttraumatic Hydrocephalus after Decompressive Craniectomy in 126 Patients with Severe Traumatic Brain Injury. *J Neurol Surg A*

Cent Eur Neurosurg. 2016 Mar;77(2):88-92. doi: 10.1055/s-0035-1558411. Epub 2015 Sep 9. PMID: 26351868.

629: Krähenbühl AK, Baldauf J, Guhl S, Gaab MR, Schroeder HW. Endoscopic Biopsy for Intra- and Paraventricular Tumors: Rates of Complications, Mortality, and Tumor Cell Dissemination. J Neurol Surg A Cent Eur Neurosurg. 2016 Mar;77(2):93-101. doi: 10.1055/s-0035-1559809. Epub 2015 Aug 24. PMID: 26302404.

630: Hu Z, Guan F, Kang T, Huang H, Dai B, Zhu G, Mao B, Kang Z. Whole Course Neuroendoscopic Resection of Cerebellopontine Angle Epidermoid Cysts. J Neurol Surg A Cent Eur Neurosurg. 2016 Sep;77(5):381-8. doi: 10.1055/s-0035-1558818. Epub 2015 Aug 24. PMID: 26302403.

631: Spina A, Gagliardi F, Boari N, Terreni MR, Mortini P. Intracranial Melanotic Schwannomas. J Neurol Surg A Cent Eur Neurosurg. 2015 Sep;76(5):399-406. doi: 10.1055/s-0034-1393926. Epub 2015 May 8. PMID: 26302291.

632: Graziano F, Iacopino DG, Ulm AJ. Insights on a Giant Aneurysm Treated Endovascularly. J Neurol Surg A Cent Eur Neurosurg. 2016 Jul;77(4):367-71. doi: 10.1055/s-0035-1564270. Epub 2015 Aug 21. PMID: 26296255.

633: Syed H, Voyadzis JM. True Percutaneous Transforaminal Lumbar Interbody Fusion: Case Illustrations, Surgical Technique, and Limitations. J Neurol Surg A Cent Eur Neurosurg. 2016 Jul;77(4):344-53. doi: 10.1055/s-0035-1558821. Epub 2015 Aug 20. PMID: 26291889.

634: Siemionow K, Tyrakowski M, Janusz P, Maciejczak A. Pathophysiology of Minimally Invasive Surgical Approaches: Current Concepts. J Neurol Surg A Cent Eur Neurosurg. 2016 Jul;77(4):326-32. doi: 10.1055/s-0035-1558420. Epub 2015 Aug 20. PMID: 26291888.

635: Mirzayan MJ, Calvelli K, Capelle HH, Weigand J, Krauss JK. Subdural Hematoma and Oral Anticoagulation: A Therapeutic Dilemma from the Neurosurgical Point of View. J Neurol Surg A Cent Eur Neurosurg. 2016 Jan;77(1):31-5. doi: 10.1055/s-0035-1558407. Epub 2015 Aug 20. PMID: 26291887.

636: Acioly MA, Cunha AM, Parise M, Rodrigues E, Tovar-Moll F. Recruitment of Contralateral Supplementary Motor Area in Functional Recovery Following Medial Frontal Lobe Surgery: An fMRI Case Study. J Neurol Surg A Cent Eur Neurosurg. 2015 Nov;76(6):508-12. doi: 10.1055/s-0035-1558408. Epub 2015 Aug 20. PMID: 26291886.

637: Ryttefjors M, Latini F, Basma J, Krisht AF. Intraoperative Intratumoral Embolization of a Complex Recurrent Hemangiopericytoma: Technical Report and Review of the Literature. J Neurol Surg A Cent Eur Neurosurg. 2016 Jul;77(4):361-6. doi: 10.1055/s-0035-1551823. Epub 2015 Aug 13. PMID: 26270264.

638: Raju S, Sharma RS, Moningi S, Momin J. Neuroendoscopy for Intracranial Arachnoid Cysts in Infants: Therapeutic Considerations. J Neurol Surg A Cent Eur Neurosurg. 2016 Jul;77(4):333-43. doi: 10.1055/s-0034-1396434. Epub 2015 Aug 4. PMID: 26241198.

639: von der Brelie C, Stojanovski I, Meier U, Lemcke J. Open Traumatic Brain Injury Is a Strong Predictor for Aseptic Bone Necrosis after Cranioplasty Surgery: A Retrospective Analysis of 219 Patients. J Neurol Surg A Cent Eur Neurosurg. 2016 Jan;77(1):19-24. doi: 10.1055/s-0035-1558410. Epub 2015 Aug 3. PMID: 26238941.

- 640: Kinfé TM, Pinteá B. The Usefulness of Spinal Cord Stimulation for Chronic Pain Due to Combined Vasospastic Prinzmetal Angina and Diabetic Neuropathic Pain of the Lower Limbs. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Mar;77(2):176-8. doi: 10.1055/s-0034-1543960. Epub 2015 Aug 3. PMID: 26238940.
- 641: Beraldo D, Guerra R, Alvarenga V, Crepaldi L. Surgical Treatment Alone of Cerebral Aspergillosis in Immunocompetent Patient. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Sep;77(5):452-6. doi: 10.1055/s-0035-1558415. Epub 2015 Aug 3. PMID: 26238939.
- 642: Wichelhaus A, Mittlmeier T, Gierer P, Beck M. Vascularized Hypothenar Fat Pad Flap in Revision Surgery for Carpal Tunnel Syndrome. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Nov;76(6):438-42. doi: 10.1055/s-0035-1551831. Epub 2015 Jul 27. PMID: 26216740.
- 643: Thaher F, Hopf N, Hickmann AK, Kurucz P, Bittl M, Henkes H, Feigl G. Supraorbital Keyhole Approach to the Skull Base: Evaluation of Complications Related to CSF Fistulas and Opened Frontal Sinus. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Nov;76(6):433-7. doi: 10.1055/s-0034-1389368. Epub 2015 Jul 27. PMID: 26216739.
- 644: Setty P, D'Andrea KP, Stucken EZ, Babu S, LaRouere MJ, Pieper DR. Fully Endoscopic Resection of Cerebellopontine Angle Meningiomas. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Jan;77(1):11-8. doi: 10.1055/s-0035-1551825. Epub 2015 Jul 27. PMID: 26216738.
- 645: Plata Bello J, Acosta-Lopez S, Garcia-Marin V. Clinical Features and Complications in Idiopathic Subarachnoid Hemorrhage: Case Studies. *J Neurol Surg A Cent Eur Neurosurg*. 2016 May;77(3):222-8. doi: 10.1055/s-0035-1558417. Epub 2015 Jul 27. PMID: 26216737.
- 646: Incekara F, Olubiyi O, Ozdemir A, Lee T, Rigolo L, Golby A. The Value of Pre- and Intraoperative Adjuncts on the Extent of Resection of Hemispheric Low- Grade Gliomas: A Retrospective Analysis. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Mar;77(2):79-87. doi: 10.1055/s-0035-1551830. Epub 2015 Jul 27. PMID: 26216736; PMCID: PMC4836365.
- 647: Hao M, Ma J, Huang Q, He S, Liang Z, Wang C. Morphological Parameters of Digital Subtraction Angiography 2D Image in Rupture Risk Profile of Small Intracranial Aneurysms: A Pilot Study. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Jan;77(1):25-30. doi: 10.1055/s-0035-1558409. Epub 2015 Jul 27. PMID: 26216735.
- 648: Firsching R, Woischneck D, Langejürgen A, Parreidt A, Bondar I, Skalej M, Röhl F, Voellger B. Clinical, Radiologic, and Legal Significance of "Extensor Response" in Posttraumatic Coma. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Nov;76(6):456-65. doi: 10.1055/s-0035-1551826. Epub 2015 Jul 27. PMID: 26216734.
- 649: Burkhardt JK, Neidert MC, Mohme M, Seifert B, Regli L, Bozinov O. Initial Clinical Status and Spot Sign Are Associated with Intraoperative Aneurysm Rupture in Patients Undergoing Surgical Clipping for Aneurysmal Subarachnoid Hemorrhage. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Mar;77(2):130-8. doi: 10.1055/s-0035-1558414. Epub 2015 Jul 27. PMID: 26216733.
- 650: Winkelmueller M, Kolodziej MA, Welke W, Koulousakis A, Martinez R. Subcutaneous Peripheral Nerve Field Stimulation for the Treatment of Chronic Back Pain: Patient Selection and Technical Aspects. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Jan;77(1):63-7. doi: 10.1055/s-0035-1547362. Epub 2015 Jul 27. PMID: 26216732.
- 651: Shibao S, Ohira T, Kano T, Mihara K, Yoshida K. Two Cases of Trigeminal Neuralgia Caused by the Trigemino-cerebellar Artery. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Sep;77(5):457-61. doi:

10.1055/s-0035-1558819. Epub 2015 Jul 27. PMID: 26216731.

652: Könnecke HK, Rushing EJ, Neidert MC, Reimann R, Regli L, Bozinov O, Burkhardt JK. Heterogeneous Appearance of Central Nervous System Involvement in Malignant Mixed Müllerian Tumors. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Sep;77(5):447-51. doi: 10.1055/s-0035-1558412. Epub 2015 Jul 27. PMID: 26216730.

653: Stone JG, Panczykowski DM, Tempel ZJ, Tormenti M, Kanter AS, Okonkwo DO. Evaluation of Occipitocervical Arthrodesis Rates with Screw-based Fixation and Osteoinductive Fusion Adjuncts. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Sep;76(5):361-8. doi: 10.1055/s-0035-1547359. Epub 2015 Jul 14. PMID: 26171793.

654: Yadav YR, Parihar VS, Ratre S, Kher Y. Avoiding Complications in Endoscopic Third Ventriculostomy. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Nov;76(6):483-94. doi: 10.1055/s-0035-1551828. Epub 2015 Jul 3. PMID: 26140421.

655: Qureshi AI, Qureshi MH, Malik AA, Jadhav V, Kim SH. Catheter-Based Trans- Epidural Approach to Aspirate Cervical and Thoracic Epidural Abscesses: A Cadaveric Feasibility Study. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Sep;76(5):369-75. doi: 10.1055/s-0035-1551827. Epub 2015 Jul 3. PMID: 26140420.

656: Ghobrial GM, Maulucci CM, Dalyai RT, Chalouhi N, Rosenwasser RH, Harrop JS. Radiosurgery for Spinal Intramedullary Arteriovenous Malformations: A Literature Review. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Sep;76(5):392-8. doi: 10.1055/s-0035-1551824. Epub 2015 Jul 3. PMID: 26140419.

657: Burkhardt T, Siasios G, Schmidt NO, Reitz M, Regelsberger J, Westphal M. Intraoperative Micro-Doppler in Cerebral Arteriovenous Malformations. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Nov;76(6):451-5. doi: 10.1055/s-0035-1551829. Epub 2015 Jul 3. PMID: 26140418.

658: Coenen VA. Commentary: "The Future of Spinal Cord Stereotaxy: An overview". *J Neurol Surg A Cent Eur Neurosurg*. 2015 Jul;76(4):322. doi: 10.1055/s-0035-1554927. Epub 2015 Jul 3. PMID: 26140341.

659: Lee SH, Choi SK, Kim J. Real-time Monitoring of the Lateral Spread Response Resulting from Serial Decompression for Hemifacial Spasm Caused by a Fusiform Aneurysm. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Jul;76(4):332-6. doi: 10.1055/s-0035-1547361. Epub 2015 May 8. PMID: 26140340.

660: Chang H, Baek DH, Choi BW. Efficacy of Zero-Profile Implant in Anterior Fusion to Treat Degenerative Cervical Spine Disease: Comparison with Techniques Using Bone Graft and Anterior Plating. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Jul;76(4):268-73. doi: 10.1055/s-0034-1389091. Epub 2015 May 8. PMID: 26140339.

661: Nakatogawa H, Tanaka T, Inenaga C, Fujimoto A, Yamamoto T. Endoscopic Removal of Neonatal Acute Epidural Hematoma via Strip-Bending Osteoplastic Craniotomy. Technical Note. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Nov;76(6):495-8. doi: 10.1055/s-0035-1551822. Epub 2015 Jun 19. PMID: 26091115.

662: Tamura R, Miwa T, Shimizu K, Mizutani K, Tomita H, Yamane N, Tominaga T, Sasaki S. Giant Cell Tumor of the Skull: Review of the Literature. *J Neurol Surg A Cent Eur Neurosurg*. 2016 May;77(3):239-46. doi: 10.1055/s-0035-1554808. Epub 2015 Jun 19. PMID: 26091114.

663: Lin Y, Chen W, Chen A, Li F. Comparison between Minimally Invasive and Open Transforaminal

Lumbar Interbody Fusion: A Meta-Analysis of Clinical Results and Safety Outcomes. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Jan;77(1):2-10. doi: 10.1055/s-0035-1554809. Epub 2015 Jun 19. PMID: 26091113.

664: Freyschlag CF, Goerke SA, Obernauer J, Kerschbaumer J, Thomé C, Seiz M. A Sandwich Technique for Prevention of Cerebrospinal Fluid Rhinorrhea and Reconstruction of the Sellar Floor after Microsurgical Transsphenoidal Pituitary Surgery. *J Neurol Surg A Cent Eur Neurosurg*. 2016 May;77(3):229-32. doi: 10.1055/s-0035-1547357. Epub 2015 Jun 19. PMID: 26091112.

665: Sorour M, Sayama C, Couldwell WT. Posterior Reversible Encephalopathy Syndrome after Surgical Resection of a Giant Vestibular Schwannoma: Case Report and Literature Review. *J Neurol Surg A Cent Eur Neurosurg*. 2016 May;77(3):274-9. doi: 10.1055/s-0035-1554807. Epub 2015 Jun 19. PMID: 26091111.

666: Ho CL, Hwang PY. Endoscope-assisted Transorbital Keyhole Surgical Approach to Ruptured Supratentorial Aneurysms. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Sep;76(5):376-83. doi: 10.1055/s-0035-1547358. Epub 2015 Jun 1. PMID: 26030374.

667: Linzer P, Filip M, Šámal F, Kremr J, Šálek T, Gajdoš M, Jarkovský J. Comparison of Biochemical Markers of Muscle Damage and Inflammatory Response Between the Open Discectomy, Microsurgical Discectomy, and Microsurgical Discectomy Using Tubular Retractor. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Sep;76(5):384-91. doi: 10.1055/s-0034-1393929. Epub 2015 May 29. PMID: 26024471.

668: Ghizoni E, Almeida JP, Joaquim AF, Yasuda CL, de Campos BM, Tedeschi H, Cendes F. Modified Anterior Temporal Lobectomy: Anatomical Landmarks and Operative Technique. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Sep;76(5):407-14. doi: 10.1055/s-0035-1549303. Epub 2015 May 22. PMID: 26008956.

669: Tokmak M, Ozek E, Iplikcioglu AC. Spinal Extradural Arachnoid Cysts: A Series of 10 Cases. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Sep;76(5):348-52. doi: 10.1055/s-0035-1547360. Epub 2015 May 22. PMID: 26008955.

670: Russo N, Brunori A, Delitala A. Endoscopic Approaches to Intraventricular Lesions. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Sep;76(5):353-60. doi: 10.1055/s-0035-1549304. Epub 2015 May 22. PMID: 26008954.

671: Banczerowski P, Czegléczki G, Gádor I, Nyáry I. Long-Term Outcome of Endonasal Transsphenoidal Approach for the Treatment of Pontine Cavernous Malformation: Case Report with 11 Years of Follow-Up. *J Neurol Surg A Cent Eur Neurosurg*. 2016 May;77(3):269-73. doi: 10.1055/s-0035-1549305. Epub 2015 May 22. PMID: 26008953.

672: Brenke C. Response to Letter Regarding Instant Cage Making Using PMMA. *J Neurol Surg A Cent Eur Neurosurg*. 2015 May;76(3):257-8. doi: 10.1055/s-0034-1543963. Epub 2015 May 13. PMID: 25970299.

673: Murai Y, Matano F, Toda S, Kobayashi S, Morita A. An Irrigation Suction System Using a Pressurized Fluid High-Flow Pump System in Comparison with a Standard Cuff Pressure System: Technical Note. *J Neurol Surg A Cent Eur Neurosurg*. 2016 May;77(3):264-8. doi: 10.1055/s-0034-1376188. Epub 2015 Apr 27. PMID: 25915502.

674: Yadav YR, Parihar V, Ratre S, Kher Y, Iqbal M. Microneurosurgical Skills Training. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Mar;77(2):146-54. doi: 10.1055/s-0034-1376190. Epub 2015 Apr 27. PMID:

25915501.

675: Rapp M, Sadat H, Slotty PJ, Steiger HJ, Budach W, Sabel M. Feasibility of the EORTC/NCIC Trial Protocol in a Neurosurgical Outpatient Unit: The Case for Neurosurgical Neuro-Oncology. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Jul;76(4):298-302. doi: 10.1055/s-0034-1396437. Epub 2015 Apr 27. PMID: 25915500.

676: Ortega A, Sarmiento JM, Patil C, Mukherjee D, Ugiliweneza B, Nuño M, Lad S, Boakye M. Comparative Analysis of Inpatient and Outpatient Interspinous Process Device Placement for Lumbar Spinal Stenosis. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Nov;76(6):443-50. doi: 10.1055/s-0034-1382785. Epub 2015 Apr 27. PMID: 25915499.

677: Malham GM, Goss B, Blecher C. Percutaneous Pedicle Screw Accuracy with Dynamic Electromyography: The Early Experience of a Traditionally Open Spine Surgeon. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Jul;76(4):303-8. doi: 10.1055/s-0034-1373664. Epub 2015 Apr 27. PMID: 25915498.

678: Karalezli N, Koktekir E, Yildirim S, Toy H, Oz M, Yuceturk A. The Effects of Electrocautery on Peripheral Nerve: An Experimental Study. *J Neurol Surg A Cent Eur Neurosurg*. 2016 May;77(3):201-6. doi: 10.1055/s-0034-1389094. Epub 2015 Apr 27. PMID: 25915497.

679: Bisson EF, Mumert ML, Mazur MD, Dailey AT, Schmidt MH. The Fate of Type II Odontoid Fractures after Posterior Atlantoaxial Fusion: Where Does Healing Occur? *J Neurol Surg A Cent Eur Neurosurg*. 2015 Jul;76(4):274-8. doi: 10.1055/s-0034-1376192. Epub 2015 Apr 27. PMID: 25915496.

680: Peschillo S, Boccardi E, Cannizzaro D, Guidetti G, Valvassori L, Delfini R. Curative Reconstruction of Giant Fusiform Intracranial Aneurysms with Flow- Diverter and Self-expanding Stents. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Sep;76(5):424-9. doi: 10.1055/s-0035-1547356. Epub 2015 Apr 27. PMID: 25915495.

681: Millesi M, Wang WT, Herta J, Bavinzski G, Knosp E, Gruber A. De Novo Aneurysm Formation at the Anastomosis Site Incidentally Detected 2 Years after Single-Barrel STA-MCA Bypass Surgery: Case Report and Review of the Literature. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Jul;76(4):323-7. doi: 10.1055/s-0034-1376189. Epub 2015 Apr 27. PMID: 25915494.

682: Klessinger S, Freund W, Karpel-Massler G, Wirtz C, Thal D, Halatsch ME. First Report of Recurrent Intramuscular Lipoma after Decompression Surgery of the Lumbar Spine. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Jan;77(1):68-72. doi: 10.1055/s-0034-1376193. Epub 2015 Apr 27. PMID: 25915493.

683: Grassi P, Strianese D, Mariniello G, Bonavolontà G. Delayed Recovery of Visual Acuity after Sphenoorbital Meningioma Surgical Removal: Case Report and Review of the Literature. Is Visual Acuity Recovery Possible after an Initial Decline? *J Neurol Surg A Cent Eur Neurosurg*. 2015 Jul;76(4):328-31. doi: 10.1055/s-0034-1376191. Epub 2015 Apr 27. PMID: 25915492.

684: Bastian D, Fessele K, Bednarski P, Göhl K. Interventional Laser-assisted Extraction of an Infected Trapped Ventriculoatrial Shunt Based on Techniques for Pacemaker Lead Explantation. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Jan;77(1):73-6. doi: 10.1055/s-0034-1396439. Epub 2015 Apr 27. PMID: 25915491.

685: Pimenta L, Turner A, Oliveira L, Marchi L, Cornwall B. Erratum to: Controlled Motion with the XL-TDR Lateral-Approach Lumbar Total Disk Replacement: In Vitro Kinematic Investigation (*J Neurol Surg A Cent Eur Neurosurg* 2015;76(2):133-138). *J Neurol Surg A Cent Eur Neurosurg*. 2015 Jul;76(4):337-8.

doi: 10.1055/s-0035-1549134. Epub 2015 Apr 14. Erratum for: J Neurol Surg A Cent Eur Neurosurg. 2015 Mar;76(2):133-8. PMID: 25874543.

686: Aydoseli A, Tahta A, Aras Y, Sabancı A, Keskin M, Balik E, Onder S, Sencer A, Izgi N. Use of Antifibrotics to Prevent Ventriculoperitoneal Shunt Complications Due to Intra-abdominal Fibrosis: Experimental Study in a Rat Model. J Neurol Surg A Cent Eur Neurosurg. 2015 May;76(3):219-23. doi: 10.1055/s-0034-1389369. Epub 2015 Mar 26. PMID: 25811104.

687: Nadvornik P. Spinal Cord Stereotaxy: An Overview. J Neurol Surg A Cent Eur Neurosurg. 2015 Jul;76(4):318-22. doi: 10.1055/s-0034-1376194. Epub 2015 Mar 23. PMID: 25798803.

688: Faropoulos K, Panagiotopoulos V, Partheni M, Tzortzidis F, Konstantinou D. Therapeutic management of intraventricular cavernoma: case series and review of the literature. J Neurol Surg A Cent Eur Neurosurg. 2015 May;76(3):233-9. doi: 10.1055/s-0034-1389093. Epub 2015 Mar 23. PMID: 25798802.

689: Zeng L, Liang P, Jiao J, Chen J, Lei T. Will an Asymptomatic Meningioma Grow or Not Grow? A Meta-analysis. J Neurol Surg A Cent Eur Neurosurg. 2015 Sep;76(5):341-7. doi: 10.1055/s-0034-1543959. Epub 2015 Mar 23. PMID: 25798801.

690: Torres-Corzo JG, Sanchez-Rodriguez J, Castillo-Rueda JL, Falcon-Escobedo R, Cervantes D, Rodriguez-Della Vecchia R, Vinas-Rios JM. Biopsy of Brainstem Gliomas Using Flexible Endoscopes. J Neurol Surg A Cent Eur Neurosurg. 2015 Jul;76(4):291-7. doi: 10.1055/s-0034-1373661. Epub 2015 Mar 23. PMID: 25798800.

691: Schiraldi M, Patil CG, Mukherjee D, Ugiliweneza B, Nuño M, Lad SP, Boakye M. Effect of insurance and racial disparities on outcomes in traumatic brain injury. J Neurol Surg A Cent Eur Neurosurg. 2015 May;76(3):224-32. doi: 10.1055/s-0034-1543958. Epub 2015 Mar 23. PMID: 25798799.

692: Nan-Xiang X, Lv-An C, Zhi-Jun C, Hong-Yang Z. Placement of Teflon Sponges in Microvascular Decompression Procedure for Treatment of Hemifacial Spasm. J Neurol Surg A Cent Eur Neurosurg. 2016 Jul;77(4):321-5. doi: 10.1055/s-0034-1543957. Epub 2015 Mar 23. PMID: 25798798.

693: Huschak G, Weichsel L, Beier A, Hoell T. Instant Cage Making with PMMA. J Neurol Surg A Cent Eur Neurosurg. 2015 May;76(3):255-6. doi: 10.1055/s-0034-1543962. Epub 2015 Mar 23. PMID: 25798797.

694: Longhi M, Ricciardi G, Tommasi G, Nicolato A, Foroni R, Bertolasi L, Beltramello A, Moretto G, Tinazzi M, Gerosa M. The Role of 3T Magnetic Resonance Imaging for Targeting the Human Subthalamic Nucleus in Deep Brain Stimulation for Parkinson's disease. J Neurol Surg A Cent Eur Neurosurg. 2015 May;76(3):181-9. doi: 10.1055/s-0033-1354749. Epub 2015 Mar 12. PMID: 25764475.

695: Lepski G, Mesquita Filho PM, Ramina K, Bisdas S, Ernemann U, Tatagiba M, Morgalla M, Feigl G. MRI-based radiation-free method for navigated percutaneous radiofrequency trigeminal rhizotomy. J Neurol Surg A Cent Eur Neurosurg. 2015 Mar;76(2):160-7. doi: 10.1055/s-0034-1394190. Epub 2015 Jan 16. PMID: 25594821.

696: Fichtner J, Beck J, Raabe A, Stieglitz LH. The Nelaton Catheter Guard for Safe and Effective Placement of Subdural Drain for Two-Burr-Hole Trephination in Chronic Subdural Hematoma: A Technical Note. J Neurol Surg A Cent Eur Neurosurg. 2015 Sep;76(5):415-7. doi: 10.1055/s-0034-1396435. Epub 2015 Jan 16. PMID: 25594820.

- 697: Wang X, Yang L, Zhang H, Yan Z, She L. Microsurgical and Endoscopic Posterior Transcortical Keyhole Approach to the Atrium of the Lateral Ventricle: A Cadaveric Study. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Jul;76(4):261-7. doi: 10.1055/s-0034-1393928. Epub 2015 Jan 16. PMID: 25594819.
- 698: Tempel Z, Grandhi R, Maserati M, Panczykowski D, Ochoa J, Russavage J, Okonkwo D. Prealbumin as a serum biomarker of impaired perioperative nutritional status and risk for surgical site infection after spine surgery. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Mar;76(2):139-43. doi: 10.1055/s-0034-1394188. Epub 2015 Jan 16. PMID: 25594818.
- 699: Nakagawa A, Ogawa Y, Amano K, Ishii Y, Tahara S, Horiguchi K, Kawamata T, Yano S, Arafune T, Washio T, Kuratsu J, Saeki N, Okada Y, Teramoto A, Tominaga T. Pulsed Laser-induced Liquid Jet System for Treatment of Sellar and Parasellar Tumors: Safety Evaluation. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Nov;76(6):473-82. doi: 10.1055/s-0034-1396436. Epub 2015 Jan 16. PMID: 25594817.
- 700: Joksimovic B, Szelenyi A, Seifert V, Damjanovic A, Damjanovic A, Rasulic L. Transcranial electric stimulation for intraoperative motor evoked potential monitoring: dependence of required stimulation current on interstimulus interval value. *J Neurol Surg A Cent Eur Neurosurg*. 2015 May;76(3):190-8. doi: 10.1055/s-0034-1396438. Epub 2015 Jan 16. Erratum in: *J Neurol Surg A Cent Eur Neurosurg*. 2015 Nov;76(6):513. Szelenyi, Andrea [added];Seifert, Volker [added]. PMID: 25594816.
- 701: Grandhi R, Hunnicutt CT, Harrison G, Zwagerman NT, Snyderman CH, Gardner PA, Hartman DJ, Horowitz M. Comparing Angiographic Devascularization with Histologic Penetration after Preoperative Tumor Embolization with Onyx: What Indicates an Effective Procedure? *J Neurol Surg A Cent Eur Neurosurg*. 2015 Jul;76(4):309-17. doi: 10.1055/s-0034-1394191. Epub 2015 Jan 16. PMID: 25594815.
- 702: Tugcu B. Response to: Can recurrence of chronic subdural hematoma be predicted? *J Neurol Surg A Cent Eur Neurosurg*. 2015 Mar;76(2):176. doi: 10.1055/s-0034-1372433. Epub 2015 Jan 16. PMID: 25594814.
- 703: Moiyadi A. Impact of navigable ultrasound: how much credit should we give to the “navigable” component? *J Neurol Surg A Cent Eur Neurosurg*. 2015 Mar;76(2):177-8. doi: 10.1055/s-0034-1394192. Epub 2015 Jan 16. PMID: 25594813.
- 704: Ledic D, Vukas D, Grahovac G, Barth M, Bouma GJ, Vilendecic M. Effect of anular closure on disk height maintenance and reoperated recurrent herniation following lumbar disectomy: two-year data. *J Neurol Surg A Cent Eur Neurosurg*. 2015 May;76(3):211-8. doi: 10.1055/s-0034-1393930. Epub 2015 Jan 14. PMID: 25587701.
- 705: Wilson TJ, Stetler WR Jr, Davis MC, Giles DA, Khan A, Chaudhary N, Gemmete JJ, Xi G, Thompson BG, Pandey AS. Intraventricular hemorrhage is associated with early hydrocephalus, symptomatic vasospasm, and poor outcome in aneurysmal subarachnoid hemorrhage. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Mar;76(2):126-32. doi: 10.1055/s-0034-1394189. Epub 2014 Dec 29. PMID: 25545809.
- 706: Pimenta L, Turner A, Oliveira L, Marchi L, Cornwall B. Controlled motion with the XL-TDR lateral-approach lumbar total disk replacement: in vitro kinematic investigation. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Mar;76(2):133-8. doi: 10.1055/s-0034-1394187. Epub 2014 Dec 29. Erratum in: *J Neurol Surg A Cent Eur Neurosurg*. 2015 Jul;76(4):337-8. PMID: 25545808.
- 707: Jakola AS, Senft C, Unsgaard G, Solheim O. Surgical management of eloquent supratentorial low-grade gliomas with special emphasis on intraoperative imaging. *J Neurol Surg A Cent Eur Neurosurg*.

2015 Mar;76(2):149-59. doi: 10.1055/s-0034-1393925. Epub 2014 Dec 24. PMID: 25539070.

708: Spatenkova V, Bradac O, Skrabalek P. The Impact of a Standardized Sodium Protocol on Incidence and Outcome of Dysnatremias in Neurocritical Care. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Jul;76(4):279-90. doi: 10.1055/s-0034-1393927. Epub 2014 Dec 24. PMID: 25539069.

709: Orlický M, Vachata P, Bartoš R, Waldauf P, Sameš M. A selective carotid artery shunting for carotid endarterectomy: prospective MR DWI monitoring of embolization in a group of 754 patients. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Mar;76(2):89-92. doi: 10.1055/s-0034-1393931. Epub 2014 Dec 24. PMID: 25539068.

710: Gu Y, Yu Y, Zhang X, Hu F, Wang X, Xu W, Xie T. Endoscopic endonasal transmaxillary transpterygoid approach to meckel cave: anatomical study and preliminary clinical results. *J Neurol Surg A Cent Eur Neurosurg*. 2015 May;76(3):205-10. doi: 10.1055/s-0034-1389092. Epub 2014 Dec 24. PMID: 25539067.

711: Ueba T, Yasuda M, Inoue T. Endoscopic burr hole surgery with a curettage and suction technique to treat traumatic subacute subdural hematomas. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Jan;76(1):63-5. doi: 10.1055/s-0033-1358606. Epub 2014 Oct 12. PMID: 25306208.

712: Martínez-Anda JJ, Barges-Coll J, Ponce-Gomez JA, Perez-Pena N, Revuelta- Gutierrez R. Surgical management of trigeminal neuralgia in elderly patients using a small retrosigmoidal approach: analysis of efficacy and safety. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Jan;76(1):39-45. doi: 10.1055/s-0033-1358608. Epub 2014 Oct 12. PMID: 25306207.

713: Amelot A, Bouazza S, George B, Orabi M, Bresson D. Anterior extrusion of fusion cage in posttraumatic cervical disk disease. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Mar;76(2):168-71. doi: 10.1055/s-0034-1389095. Epub 2014 Oct 12. PMID: 25306206.

714: Siewe J, Selbeck M, Koy T, Röllinghoff M, Eysel P, Zarghooni K, Oppermann J, Herren C, Sobottke R. Indications and contraindications: interspinous process decompression devices in lumbar spine surgery. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Jan;76(1):1-7. doi: 10.1055/s-0034-1382779. Epub 2014 Oct 7. PMID: 25291360.

715: Chivukula S, Clark K, Murdoch G, Engh J. A Singular Case of Intracranial Sinus Histiocytosis without Massive Lymphadenopathy: Isolated Rosai-Dorfman Disease of the Hypothalamus. *J Neurol Surg A Cent Eur Neurosurg*. 2015 May;76(3):244-8. doi: 10.1055/s-0034-1382780. Epub 2014 Jun 27. PMID: 25207593.

716: Sivakanthan S, Carlson AP, van Loveren H, Agazzi S. Surgical clipping of a basilar perforator artery aneurysm: a case of avoiding perforator sacrifice. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Jan;76(1):79-82. doi: 10.1055/s-0033-1356488. Epub 2014 Aug 11. PMID: 25111793.

717: Nisch G, Collmann H. Friedrich Weickmann (1913-1983): some reminiscences. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Jan;76(1):83-6. doi: 10.1055/s-0034-1382783. Epub 2014 Jul 31. PMID: 25078321.

718: Voellger B, Tapia-Perez JH, Rupa R, Karagiannis D, Mawrin C, Kirches E, Schneider T. Survival in granular cell astrocytomas. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Jan;76(1):30-8. doi: 10.1055/s-0034-1382781. Epub 2014 Jul 29. PMID: 25072317.

719: Marbacher S, Hidalgo-Staub T, Kienzler J, Wüergler-Hauri C, Landolt H, Fandino J. Long-term outcome after adjacent two-level anterior cervical discectomy and fusion using stand-alone

plasmaphore-covered titanium cages. J Neurol Surg A Cent Eur Neurosurg. 2015 May;76(3):199-204. doi: 10.1055/s-0034-1382782. Epub 2014 Jul 29. PMID: 25072316.

720: Kawaguchi T, Ogawa Y, Watanabe M, Tominaga T. Craniopharyngiomas Presenting with Nonobstructive Hydrocephalus: Underlying Influence of Subarachnoidal Hemorrhage. Two Case Reports. J Neurol Surg A Cent Eur Neurosurg. 2015 Sep;76(5):418-23. doi: 10.1055/s-0034-1382784. Epub 2014 Jul 29. PMID: 25072315.

721: Anaizi AN, Kalhorn C, McCullough M, Voyadzis JM, Sandhu FA. Thoracic spine localization using preoperative placement of fiducial markers and subsequent CT. A technical report. J Neurol Surg A Cent Eur Neurosurg. 2015 Jan;76(1):66-71. doi: 10.1055/s-0034-1371512. Epub 2014 Jul 21. PMID: 25045861.

722: Splavski B, Muzevic D, Kovacevic M, Splavski B Jr, Bajek G. Management and prognosis of primary cerebral melanocytic tumors. A case report and systematic review. J Neurol Surg A Cent Eur Neurosurg. 2015 Mar;76(2):144-8. doi: 10.1055/s-0034-1371514. Epub 2014 Jul 21. PMID: 25045860.

723: Obaid S, Weil AG, Rahme R, Bojanowski MW. Endoscopic third ventriculostomy for obstructive hydrocephalus due to intraventricular hemorrhage. J Neurol Surg A Cent Eur Neurosurg. 2015 Mar;76(2):99-111. doi: 10.1055/s-0034-1382778. Epub 2014 Jul 21. PMID: 25045859.

724: Bowers CA, Saad D, Clegg DO, Ng P, Clayton F, Haydoura S, Schmidt RH. Rapidly Fatal Internal Carotid Artery Mycotic Aneurysm Rupture in a Rheumatoid Patient Taking a TNF- α Inhibitor: Case Report and Literature Review. J Neurol Surg A Cent Eur Neurosurg. 2015 May;76(3):249-54. doi: 10.1055/s-0034-1372435. Epub 2014 Jul 21. PMID: 25045858.

725: Kato S, Hozumi T, Yamakawa K, Goto T, Kondo T. Antibiotic-impregnated cement embedding technique for spinal instrumentation infections. J Neurol Surg A Cent Eur Neurosurg. 2014 Nov;75(6):479-84. doi: 10.1055/s-0034-1371519. Epub 2014 Jun 27. PMID: 24971686.

726: Moiyadi A, Shetty P. Navigable intraoperative ultrasound and fluorescence- guided resections are complementary in resection control of malignant gliomas: one size does not fit all. J Neurol Surg A Cent Eur Neurosurg. 2014 Nov;75(6):434-41. doi: 10.1055/s-0034-1372436. Epub 2014 Jun 27. PMID: 24971685.

727: Cohen-Inbar O, Krausz M, Zaaroor M, Mahajna A. Laparoscopic implantation of distal peritoneal ventriculoperitoneal shunt catheter: a comparative study. J Neurol Surg A Cent Eur Neurosurg. 2014 Sep;75(5):392-7. doi: 10.1055/s-0034-1371516. Epub 2014 Jun 27. PMID: 24971684.

728: Scholtes F, Henroteaux A, Otto B, Martin D. Head trauma and distal anterior cerebral artery aneurysm: potential role of an adhesion to the falx. J Neurol Surg A Cent Eur Neurosurg. 2015 Jan;76(1):72-5. doi: 10.1055/s-0033-1354748. Epub 2014 Jun 27. PMID: 24971683.

729: Rech F, Rigau V, Fabbro M, Kerr C, Gauchotte G, Taillandier L, Duffau H. A nonradiated grade II glioma that underwent delayed malignant transformation to a gliosarcoma with meningeal growth and dissemination. J Neurol Surg A Cent Eur Neurosurg. 2014 Nov;75(6):485-90. doi: 10.1055/s-0034-1372437. Epub 2014 Jun 27. PMID: 24971682.

730: Tawk RG, Binning MJ, Thomas JM, Siddiqui AH, Grand W. Transciliary supraorbital approach (eyebrow approach) for resection of retrochiasmatic craniopharyngiomas: an alternative approach, case series, and literature review. J Neurol Surg A Cent Eur Neurosurg. 2014 Sep;75(5):354-64. doi: 10.1055/s-0033-1358609. Epub 2014 Jun 4. PMID: 24897027.

- 731: Stark AM, Schwartz F, Mehdorn M, Nabavi A. Neuroendoscopy and high-field intraoperative MRI: first experience. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Sep;75(5):371-5. doi: 10.1055/s-0034-1371515. Epub 2014 May 28. PMID: 24871823.
- 732: Gocmez C, Celik F, Kamasak K, Kaplan M, Uzar E, Arikanoglu A, Evliyaoglu O. Effects of intrathecal caffeic acid phenethyl ester and methylprednisolone on oxidant/antioxidant status in traumatic spinal cord injuries. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Jan;76(1):20-4. doi: 10.1055/s-0034-1371513. Epub 2014 May 28. PMID: 24871822.
- 733: Oshima Y, Takeshita K, Inanami H, Takano Y, Koga H, Iwahori T, Baba S, Tanaka S. Cervical microendoscopic interlaminar decompression through a midline approach in patients with cervical myelopathy: a technical note. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Nov;75(6):474-8. doi: 10.1055/s-0034-1373663. Epub 2014 May 12. PMID: 24819630.
- 734: Siemionow K, Tyrakowski M, Neckrysh S. All-posterior vertebral column resection for treatment of metastatic tumors. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Sep;75(5):386-91. doi: 10.1055/s-0034-1372434. Epub 2014 May 12. PMID: 24819629.
- 735: Straus D, Takagi I, O'Toole J. Minimally invasive direct lateral approach to the thoracolumbar junction: cadaveric analysis and case illustrations. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Jan;76(1):56-62. doi: 10.1055/s-0034-1372431. Epub 2014 May 12. PMID: 24819628.
- 736: Shin HS, Lee SH, Koh JS. Endovascular treatment of ruptured distal posterior inferior cerebellar artery aneurysm. Report of two exemplary cases and retrospective analysis of 11 cases. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Sep;75(5):343-9. doi: 10.1055/s-0034-1373665. Epub 2014 May 12. PMID: 24819627.
- 737: Sarmiento JM, Mukherjee D, Nosova K, Schievink WI, Alexander MJ, Patil CG, Nuno MA. Predictors of treatment delay in aneurysmal subarachnoid hemorrhage patients. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Jan;76(1):46-55. doi: 10.1055/s-0034-1372438. Epub 2014 May 12. PMID: 24819626.
- 738: Jägersberg M, Schneider K, Schaller C, Richter M. ALIF versus TLIF for post-discectomy syndrome. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Sep;75(5):329-35. doi: 10.1055/s-0034-1372432. Epub 2014 May 12. PMID: 24819625.
- 739: Werndle MC, Newling-Ward E, Papadopoulos MC. Patient-controlled intracranial pressure for managing idiopathic intracranial hypertension. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Jan;76(1):76-8. doi: 10.1055/s-0034-1373662. Epub 2014 May 12. PMID: 24819624.
- 740: Scholz C, Gierthmuehlen M, Egger K, Hauschild O, van Velthoven-Wurster V. Ulnar neuropathy caused by a widespread synovial cyst of the elbow joint in a patient with rheumatoid arthritis. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Nov;75(6):491-4. doi: 10.1055/s-0034-1371518. Epub 2014 May 12. PMID: 24819623.
- 741: Brokinkel B, Schroeteler J, Kasprzak B, Brentrup A, Ewelt C, Stummer W, Klingenhoefer M. Surgical treatment of lumbosacral pseudarthrosis and spondyloptosis in a patient with neurofibromatosis type 1 and a large lumbar anterior meningocele. Case report and review of the literature. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Mar;76(2):172-5. doi: 10.1055/s-0034-1372439. Epub 2014 May 12. PMID: 24819622.
- 742: Malham GM. Minimally invasive direct lateral corpectomy for the treatment of a Thoracolumbar spine fracture. *J Neurol Surg A Cent Eur Neurosurg*. 2015 May;76(3):240-3. doi: 10.1055/s-0034-1368094. Epub 2014 May 2. PMID: 24793062.

743: Kinfe TM, Quack F, Wille C, Schu S, Vesper J. Paddle versus cylindrical leads for percutaneous implantation in spinal cord stimulation for failed back surgery syndrome: a single-center trial. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Nov;75(6):467-73. doi: 10.1055/s-0034-1371517. Epub 2014 May 2. PMID: 24793061.

744: Rosenow DE. Re: R. Shane Tubbs et al. Relationships between the posterior interosseous nerve and the supinator muscle: applications to peripheral nerve compression syndromes and nerve transfer procedures. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Sep;75(5):408-9. doi: 10.1055/s-0034-1368692. Epub 2014 May 2. PMID: 24793060.

745: Mezzadri J, Abbati SG, Jalon P. Tarlov cysts: endoscope-assisted obliteration of the communication with the spinal subarachnoid space. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Nov;75(6):462-6. doi: 10.1055/s-0033-1361836. Epub 2014 Mar 28. PMID: 24682929.

746: Masopust V, Netuka D, Benes V, Bradac O, Marek J, Hana V. Endonasal endoscopic pituitary neuroendocrine tumor resection: preservation of neurohypophyseal function. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Sep;75(5):336-42. doi: 10.1055/s-0034-1368687. Epub 2014 Mar 28. PMID: 24682928.

747: Brembilla C, Lanterna LA, Gritti P, Signorelli A, Biroli F. The use of a stand-alone interbody fusion cage in subaxial cervical spine trauma: a preliminary report. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Jan;76(1):13-9. doi: 10.1055/s-0034-1368092. Epub 2014 Mar 28. PMID: 24682927.

748: Rohn B, Haenggi D, Etminan N, Kunz M, Turowski B, Steiger HJ. Epilepsy, headache, and quality of life after resection of cerebral arteriovenous malformations. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Jul;75(4):282-8. doi: 10.1055/s-0033-1358611. Epub 2014 Mar 12. PMID: 24623000.

749: Renovanz M, Hickmann AK, Henkel C, Nadji-Ohl M, Hopf NJ. Navigated versus non-navigated intraoperative ultrasound: is there any impact on the extent of resection of high-grade gliomas? A retrospective clinical analysis. *J Neurol Surg A Cent Eur Neurosurg*. 2014 May;75(3):224-30. doi: 10.1055/s-0033-1356486. Epub 2014 Mar 12. PMID: 24622999.

750: Rohde V. Make good things better. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Jan;75(1):1. PMID: 24620378.

751: Fontana J, Korff A, Follmann A, Radermacher K, Schmieder K. Smart trepanation system: preclinical analysis of safety, efficiency, and user satisfaction. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Sep;75(5):398-402. doi: 10.1055/s-0034-1368096. Epub 2014 Feb 25. PMID: 24570310.

752: Sampath R, Katira K, Shi R, Vannemreddy P, Patil S, Nanda A. Radio-anatomic measurements and statistical generation of a safe surgical corridor to enter the ventricular trigone while avoiding injury to the optic radiations. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Nov;75(6):453-61. doi: 10.1055/s-0034-1368689. Epub 2014 Feb 25. PMID: 24570309.

753: Mavridis I, Boviatsis E, Anagnostopoulou S. Stereotactic anatomy of the human subthalamic nucleus: providing coordinates for accurate electrode placement. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Jul;75(4):289-98. doi: 10.1055/s-0034-1368093. Epub 2014 Feb 25. PMID: 24570308.

754: Hur JW, Kim JS, Cho DY, Shin JM, Lee JH, Lee SH. Video-assisted thoracoscopic surgery under O-arm navigation system guidance for the treatment of thoracic disk herniations: surgical techniques and early clinical results. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Nov;75(6):415-21. doi: 10.1055/s-0034-1368690. Epub 2014 Feb 25. PMID: 24570307.

- 755: Eberhardt K, Ganslandt O, Stadlbauer A. Improved magnetic resonance myelography of the cervical spine using image fusion and volumetry. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Jul;75(4):259-66. doi: 10.1055/s-0034-1368095. Epub 2014 Feb 25. PMID: 24570306.
- 756: Callovini G, Sherkat S, Callovini G, Gazzeri R. Frameless nonstereotactic image-guided surgery of supratentorial lesions: introduction to a safe and inexpensive technique. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Sep;75(5):365-70. doi: 10.1055/s-0033-1358607. Epub 2014 Feb 25. PMID: 24570305.
- 757: Groen RJ. The history of neurosurgery in Germany. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Jul;75(4):323-6. doi: 10.1055/s-0034-1368097. Epub 2014 Feb 25. PMID: 24570304.
- 758: Lescher S, Hattingen E, Franz K, Mittelbronn M, Tews DS. Rare mimicry of meningioma: angioleiomyoma of the falx. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Sep;75(5):403-6. doi: 10.1055/s-0034-1368688. Epub 2014 Feb 25. PMID: 24570303.
- 759: Tschoeke SK, Kayser R, Gulow J, Hoeh Nv, Salis-Soglio Gv, Heyde C. Single- stage epidural catheter lavage with posterior spondylodesis in lumbar pyogenic spondylodiscitis with multilevel epidural abscess formation. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Nov;75(6):447-52. doi: 10.1055/s-0034-1368684. Epub 2014 Feb 19. PMID: 24554611.
- 760: Patel NB, Patel AD, Wilkinson J, Gianaris NG, Payner TD, Leipzig TJ, Ansari S, Cohen-Gadol AA. An analysis of 88 patients with diffuse and "benign" perimesencephalic subarachnoid hemorrhage. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Jul;75(4):299-304. doi: 10.1055/s-0034-1368691. Epub 2014 Feb 19. PMID: 24554610.
- 761: Iacoangeli M, Di Rienzo A, Nocchi N, Balercia P, Lupi E, Regnicolo L, Di Somma LG, Alvaro L, Scerrati M. Piezosurgery as a further technical adjunct in minimally invasive supraorbital keyhole approach and lateral orbitotomy. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Mar;76(2):112-8. doi: 10.1055/s-0034-1368685. Epub 2014 Feb 19. PMID: 24554609.
- 762: Brenke C, Pott P, Schwarz ML, Schmieder K, Barth M. Development of a low- cost polymethylmethacrylate stand-alone cervical cage: technical note. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Jul;75(4):317-22. doi: 10.1055/s-0034-1368686. Epub 2014 Feb 19. PMID: 24554608.
- 763: Beer-Furlan A, Pinto F, Teixeira M, Rigante L, Evins AI, Bernardo A. Endoscopic fenestration of the lamina terminalis: alternatives to the classic third ventriculostomy. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Sep;75(5):410-2. doi: 10.1055/s-0034-1368693. Epub 2014 Feb 19. PMID: 24554607.
- 764: Nakano N, Fukawa N, Nakagawa N, Nakanishi K, Tsuji K, Yabuuchi T, Iwakura N, Kato A. Endovascular microcatheter provocation test for the diagnosis of glossopharyngeal neuralgia. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Sep;75(5):350-3. doi: 10.1055/s-0033-1343983. Epub 2014 Jan 16. PMID: 24435838.
- 765: Mariniello G, Peca C, De Caro Mdel B, Giamundo A, Donzelli R, Maiuri F. Glioblastoma in the elderly: the impact of advanced age on treatment and survival. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Jul;75(4):276-81. doi: 10.1055/s-0033-1349713. Epub 2014 Jan 4. PMID: 24390930.
- 766: Gelabert-Gonzalez M, Aran-Echabe E. Can recurrence of chronic subdural hematoma be predicted? *J Neurol Surg A Cent Eur Neurosurg*. 2014 Sep;75(5):407. doi: 10.1055/s-0033-1358613. Epub 2013 Dec 19. PMID: 24357072.
- 767: Kryzanski J, Corliss B, Rahal J, Riesenburger R, Hwang S, Wu J. Management of low-grade third

ventricular ependymomas in adults by endoscopic biopsy followed by gamma knife radiosurgery. *J Neurol Surg A Cent Eur Neurosurg.* 2014 Jan;75(1):70-5. doi: 10.1055/s-0033-1358612. Epub 2013 Dec 19. PMID: 24357071.

768: Acioly MA, Gharabaghi A, Zimmermann C, Erb M, Heckl S, Tatagiba M. Dissociated language functions: a matter of atypical language lateralization or cerebral plasticity? *J Neurol Surg A Cent Eur Neurosurg.* 2014 Jan;75(1):64-9. doi: 10.1055/s-0033-1358610. Epub 2013 Dec 19. PMID: 24357070.

769: Cho TK, Lim JH, Kim SH, Rhee WT, Kim WJ, Ha SI, Jang IT. Preoperative predictable factors for the occurrence of adjacent segment degeneration requiring second operation after spinal fusion at isolated L4-L5 level. *J Neurol Surg A Cent Eur Neurosurg.* 2014 Jul;75(4):270-5. doi: 10.1055/s-0033-1349331. Epub 2013 Dec 9. PMID: 24323740.

770: Zakeri M, Afshari K, Gharedaghi MH, Shahsiah R, Rahimian R, Maleki F, Dehpour AR, Javidan AN. Lithium protects against spinal cord injury in rats: role of nitric oxide. *J Neurol Surg A Cent Eur Neurosurg.* 2014 Nov;75(6):427-33. doi: 10.1055/s-0033-1345098. Epub 2013 Nov 7. PMID: 24202963.

771: Gomes FL, Loduca RD, Homa MN, Collange NZ. Endoscopic coagulation of choroid plexus in three children with severely advanced forms of hydrocephalus. *J Neurol Surg A Cent Eur Neurosurg.* 2015 Jan;76(1):25-9. doi: 10.1055/s-0033-1345096. Epub 2013 Nov 7. PMID: 24202962.

772: Padanyi C, Vajda J, Banczerowski P. Para-split laminotomy: a rescue technique for split laminotomy approach in exploring intramedullary midline located pathologies. *J Neurol Surg A Cent Eur Neurosurg.* 2014 Jul;75(4):310-6. doi: 10.1055/s-0033-1356487. Epub 2013 Oct 25. PMID: 24163263.

773: Krischek B, Vescan A, Zweifel C, Zadeh G, Gentili F. Endonasal endoscopic release of a delayed tension pneumocephalus after craniofacial resection of a tumor of the anterior skull base. *J Neurol Surg A Cent Eur Neurosurg.* 2013 Dec;74 Suppl 1:e271-4. doi: 10.1055/s-0033-1349337. Epub 2013 Oct 24. PMID: 24158900.

774: Scheller C, Wienke A, Wurm F, Simmermacher S, Rampp S, Prell J, Rachinger J, Scheller K, Koman G, Strauss C, Herzfeld E. Neuroprotective efficacy of prophylactic enteral and parenteral nimodipine treatment in vestibular schwannoma surgery: a comparative study. *J Neurol Surg A Cent Eur Neurosurg.* 2014 Jul;75(4):251-8. doi: 10.1055/s-0033-1355164. Epub 2013 Oct 10. PMID: 24114058.

775: Gupta R, Sharma A, Vaishya R, Tandon M. Ischemic complications after pituitary surgery: a report of two cases. *J Neurol Surg A Cent Eur Neurosurg.* 2013 Dec;74 Suppl 1:e119-23. doi: 10.1055/s-0032-1328955. Epub 2013 Sep 7. PMID: 24014099.

776: Sharma A, Gupta R, Singh D, Singh H. Posttraumatic carotid-cavernous fistula associated with evolving contralateral internal carotid artery pseudoaneurysm. *J Neurol Surg A Cent Eur Neurosurg.* 2013 Dec;74 Suppl 1:e76-80. doi: 10.1055/s-0032-1329269. Epub 2013 Sep 5. PMID: 24008836.

777: Brenke C, Lassel EA, Terris D, Kurt A, Schmieder K, Schoenberg SO, Weisser G. On-call service of neurosurgeons in Germany: organization, use of communication services, and personal acceptance of modern technologies. *J Neurol Surg A Cent Eur Neurosurg.* 2014 May;75(3):217-23. doi: 10.1055/s-0033-1342936. Epub 2013 Aug 31. PMID: 23996686.

778: Bodaghabadi M, Riazi H, Aran S, Bitaraf MA, Alikhani M, Alahverdi M, Mohamadi M, Shalileh K, Azar M. Repeated transsphenoidal surgery or gamma knife radiosurgery in recurrent cushing disease

after transsphenoidal surgery. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Mar;75(2):91-7. doi: 10.1055/s-0033-1345688. Epub 2013 Aug 21. PMID: 23965751.

779: Scheller C, Rachinger J, Strauss C, Alfieri A, Prell J, Koman G. Therapeutic anticoagulation after craniotomies: is the risk for secondary hemorrhage overestimated? *J Neurol Surg A Cent Eur Neurosurg*. 2014 Jan;75(1):2-6. doi: 10.1055/s-0033-1345686. Epub 2013 Aug 19. PMID: 23959615.

780: Mori R, Joki T, Nonaka Y, Ikeuchi S, Abe T. Parallel insertion endoscopic technique for precise catheter placement in cystic craniopharyngiomas. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Nov;75(6):442-6. doi: 10.1055/s-0033-1349341. Epub 2013 Aug 19. PMID: 23959614.

781: Madhugiri VS, Bhagavatula ID. Congenital anomalies at the craniovertebral junction-posterior fossa region: report of two cases. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Dec;74 Suppl 1:e279-83. doi: 10.1055/s-0033-1349335. Epub 2013 Aug 19. PMID: 23959613.

782: Waran V, Chandran H, Devaraj P, Ravindran K, Rathinam AK, Balakrishnan YK, Tung TS. Neuronavigation with the universal probe to access intracranial targets. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Nov;75(6):422-6. doi: 10.1055/s-0033-1345091. Epub 2013 Aug 16. PMID: 23955263.

783: Brenke C, Fontana J, Schmieder K, Barth M. Surgical management of basilar artery laceration caused by transorbital penetrating injury: case report. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Dec;74 Suppl 1:e239-41. doi: 10.1055/s-0033-1348349. Epub 2013 Aug 16. PMID: 23955262.

784: Vulcu S, Tschabitscher M, Mueller-Forell W, Oertel J. Transventricular fenestration of the lamina terminalis: the value of a flexible endoscope: technical note. *J Neurol Surg A Cent Eur Neurosurg*. 2014 May;75(3):207-16. doi: 10.1055/s-0033-1345684. Epub 2013 Aug 12. PMID: 23939681.

785: Tokimura H, Hirabaru M, Miyajima S, Tajitsu K, Yamahata H, Sugata S, Arita K. Electrophysiological mapping of the temporal branch of the facial nerve. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Mar;75(2):116-9. doi: 10.1055/s-0033-1343981. Epub 2013 Aug 12. PMID: 23939680.

786: Ochalski P, Chivukula S, Shin S, Prevedello D, Engh J. Outcomes after endoscopic port surgery for spontaneous intracerebral hematomas. *J Neurol Surg A Cent Eur Neurosurg*. 2014 May;75(3):195-205; discussion 206. doi: 10.1055/s-0033-1348348. Epub 2013 Aug 9. PMID: 23934780.

787: Yüçetaş SC, Yildirim A. Comparative results of standard open and mini open, KnifeLight instrument-assisted carpal tunnel release. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Nov;74(6):393-9. doi: 10.1055/s-0033-1342932. Epub 2013 Aug 8. PMID: 23929411.

788: Tomyecz L, Forbes J, Ladner T, Kahn E, Maris A, Neimat J, Konrad P. Open thoracic cordotomy as a treatment option for severe, debilitating pain. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Mar;75(2):126-32. doi: 10.1055/s-0033-1349340. Epub 2013 Aug 8. PMID: 23929410.

789: Tanimoto K, Khoury B, Feng K, Cavanaugh JM. Evaluation of sciatic nerve function after ultrasonic and electrocautery muscle dissection: an electromyographic study. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Mar;76(2):93-8. doi: 10.1055/s-0033-1349333. Epub 2013 Aug 8. PMID: 23929409.

790: Kuge A, Kikuchi Z, Sato S, Sakurada K, Takemura S, Kayama T. Practical use of a simple technique, insertion of wet cotton pledgets into the tumor resection cavity in transsphenoidal surgery of pituitary tumors, for a better comparison between pre- and intraoperative high-field magnetic resonance images. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Nov;74(6):366-72. doi: 10.1055/s-0033-1349342. Epub 2013 Aug 8. PMID: 23929408.

791: Robert T, Villard J, Oumarou G, Daniel RT, Pollo C, Uské A. Intracerebellar hemorrhage caused by developmental venous anomaly, from diagnosis to treatment. *J Neurol Surg A Cent Eur Neurosurg.* 2013 Dec;74 Suppl 1:e275-8. doi: 10.1055/s-0033-1349338. Epub 2013 Aug 8. PMID: 23929407.

792: Ottenhausen M, Meier U, Tittel A, Lemcke J. Acute decompensation of noncommunicating hydrocephalus caused by dilated Virchow-Robin spaces type III in a woman treated by endoscopic third ventriculostomy: a case report and review of the literature. *J Neurol Surg A Cent Eur Neurosurg.* 2013 Dec;74 Suppl 1:e242-7. doi: 10.1055/s-0033-1349339. Epub 2013 Aug 8. PMID: 23929406.

793: Vetrano IG, Lucarella F, Dalolio M, Di Cristofori A, Nataloni IF, Tiberio F, Gaini SM, Grimoldi N. The importance of predicting factors in the surgical outcome of peripheral nerve sheath tumors. *J Neurol Surg A Cent Eur Neurosurg.* 2014 Mar;75(2):104-9. doi: 10.1055/s-0033-1348351. Epub 2013 Aug 7. PMID: 23925974.

794: El Refaee EA, Baldauf J, Balau V, Rosenstengel C, Schroeder H. Is it safe to sacrifice the superior hypophyseal artery in aneurysm clipping? A report of two cases. *J Neurol Surg A Cent Eur Neurosurg.* 2013 Dec;74 Suppl 1:e255-60. doi: 10.1055/s-0033-1349336. Epub 2013 Aug 3. PMID: 23913279.

795: Rosenow DE, Synowitz HJ. Remarks on: Arnold H, Collmann H. Neurosurgery in Würzburg until World War II. *J Neurol Surg A* 2012;73(1):38-45. *J Neurol Surg A Cent Eur Neurosurg.* 2013 Sep;74(5):337-8. doi: 10.1055/s-0033-1348353. Epub 2013 Aug 1. PMID: 23907859.

796: Arnold H, Collmann H. Reply to Remarks on: Arnold H, Collmann H. Neurosurgery in Würzburg until World War II. *J Neurol Surg A* 2012;73(1):38-45. *J Neurol Surg A Cent Eur Neurosurg.* 2013 Sep;74(5):339. doi: 10.1055/s-0033-1348354. Epub 2013 Aug 1. PMID: 23907858.

797: Singh N, Nadig A, Pal P, Subudhi CP, Gnanalingham K. Aspergillosis sinusitis with cranio-orbital spread in an apparently immunocompetent patient. *J Neurol Surg A Cent Eur Neurosurg.* 2013 Dec;74 Suppl 1:e237-8. doi: 10.1055/s-0033-1345092. Epub 2013 Aug 1. PMID: 23907857.

798: Ramesh AS, Arimappamagan A, Bhat D, Arvinda HR, Somanna S. Acute onset of hemiparesis after gamma knife radiosurgery for arteriovenous malformation caused by hyperacute thrombosis of draining vein: a case report. *J Neurol Surg A Cent Eur Neurosurg.* 2013 Dec;74 Suppl 1:e261-5. doi: 10.1055/s-0033-1349334. Epub 2013 Aug 1. PMID: 23907856.

799: Menovsky T, van der Zijden T, Voormolen M, Van Os L, Helsen G, Maas A, Parizel PM. Perforated oculomotor nerve after endovascular coiling: complete regeneration after microsurgical repair. case report. *J Neurol Surg A Cent Eur Neurosurg.* 2013 Dec;74 Suppl 1:e248-54. doi: 10.1055/s-0033-1349330. Epub 2013 Jul 29. PMID: 23896719.

800: Feng R, Che X, Hu J, Pan L, Cui D, Yang L. Surgical treatment of recurrent torcular meningiomas: case report and review of the literature. *J Neurol Surg A Cent Eur Neurosurg.* 2013 Dec;74 Suppl 1:e266-70. doi: 10.1055/s-0033-1348352. Epub 2013 Jul 29. PMID: 23896718.

801: Inoue D, Yoshimoto K, Uemura M, Yoshida M, Ohuchida K, Kenmotsu H, Tomikawa M, Sasaki T, Hashizume M. Three-dimensional high-definition neuroendoscopic surgery: a controlled comparative laboratory study with two-dimensional endoscopy and clinical application. *J Neurol Surg A Cent Eur Neurosurg.* 2013 Nov;74(6):357-65. doi: 10.1055/s-0033-1345100. Epub 2013 Jul 25. PMID: 23888482.

802: Kogias E, Klingler JH, Sircar R, Deininger MH, Hubbe U. Minimally invasive revision of a C2 isthmus screw. *J Neurol Surg A Cent Eur Neurosurg.* 2013 Dec;74 Suppl 1:e211-4. doi: 10.1055/s-0033-1343982. Epub 2013 Jul 25. PMID: 23888481.

- 803: Havakeshian S, Bozinov O, Burkhardt JK. Simultaneous rupture of two middle cerebral artery aneurysms presented with two aneurysm-associated intracerebral hemorrhages. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Dec;74 Suppl 1:e233-6. doi: 10.1055/s-0033-1345101. Epub 2013 Jul 25. PMID: 23888480.
- 804: Finley D, Sherman JH, Avila E, Bilsky M. Thorascopic resection of an apical paraspinal schwannoma using the da Vinci surgical system. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Jan;75(1):58-63. doi: 10.1055/s-0033-1345687. Epub 2013 Jul 24. PMID: 23884620.
- 805: Albert G, Wassef S, Dahdaleh NS, Lindley T, Bruch L, Hitchon P. Intracranial glioblastoma with drop metastases to the spine after stereotactic biopsy. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Dec;74 Suppl 1:e221-4. doi: 10.1055/s-0033-1345685. Epub 2013 Jun 26. Erratum in: *J Neurol Surg A Cent Eur Neurosurg*. 2013 Dec;74 Suppl 1:e284. Dahdaleh, Nader [corrected to Dahdaleh, Nader S]. PMID: 23804229.
- 806: Horsburgh A, Kirollos RW, Massoud TF. No significant displacement of basal brain structures upon head movement: Kinematic MRI morphometry relevant to neuroendoscopy. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Mar;75(2):98-103. doi: 10.1055/s-0033-1342934. Epub 2013 Jun 24. PMID: 23797619.
- 807: Hur JW, Kim JS, Shin MH, Ryu KS, Park CK, Lee SH. Percutaneous endoscopic lumbar discectomy and annuloplasty for lumbar disc herniation at the low two contiguous levels: single-portal, double surgeries. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Sep;75(5):381-5. doi: 10.1055/s-0033-1345097. Epub 2013 Jun 13. PMID: 23765920.
- 808: Losiniecki AJ, Serrone JC, Keller JT, Bohinski RJ. Lumbar ligamentum flavum: spatial relationships to surrounding anatomical structures and technical description of en bloc resection. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Nov;74(6):388-92. doi: 10.1055/s-0033-1348350. Epub 2013 Jun 13. PMID: 23765919.
- 809: König SA, Ranguis S, Spetzger U. Management of complex cervical instability. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Mar;76(2):119-25. doi: 10.1055/s-0033-1345095. Epub 2013 Jun 13. PMID: 23765918.
- 810: Lo HK, Chiang TI, Chang OH, Chang IC. Posterior instrumentation and simultaneous intertransverse approach using transforaminal cage fusion for thoracic pseudoarthrosis in ankylosing spondylitis: a case report. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Dec;74 Suppl 1:e207-10. doi: 10.1055/s-0033-1345094. Epub 2013 Jun 13. PMID: 23765917.
- 811: Copeland WR, Link MJ. A radiation-induced meningioma "cures" a complex dural arteriovenous fistula. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Dec;74 Suppl 1:e215-20. doi: 10.1055/s-0033-1345099. Epub 2013 Jun 13. PMID: 23765916.
- 812: Bostelmann R, Steiger HJ, Tauber M, Leimert M. Width of the cervical intervertebral neuroforamina after total disc replacement with the Cerkinetic prosthesis: a three-dimensional simulation using a computer-aided design model. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Jul;74(4):205-8. doi: 10.1055/s-0033-1347968. Epub 2013 Jun 4. PMID: 23737256.
- 813: Di Vincenzo J, Keiner D, Gaab MR, Schroeder HW, Oertel JM. Endoscopic third ventriculostomy: preoperative considerations and intraoperative strategy based on 300 procedures. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Jan;75(1):20-30. doi: 10.1055/s-0032-1328953. Epub 2013 Jun 3. PMID: 23733264.

814: Yadav YR, Parihar V, Pande S, Namdev H. Endoscopic management of colloid cysts. J Neurol Surg A Cent Eur Neurosurg. 2014 Sep;75(5):376-80. doi: 10.1055/s-0033-1343984. Epub 2013 May 22. PMID: 23700169.

815: Goubergrits L, Schaller J, Kertzscher U, Petz Ch, Hege HC, Spuler A. Reproducibility of image-based analysis of cerebral aneurysm geometry and hemodynamics: an in-vitro study of magnetic resonance imaging, computed tomography, and three-dimensional rotational angiography. J Neurol Surg A Cent Eur Neurosurg. 2013 Sep;74(5):294-302. doi: 10.1055/s-0033-1342937. Epub 2013 May 22. PMID: 23700168.

816: Elolf E. "Never trust a smiling cat!"- accuracy and IGS in skull base surgery. J Neurol Surg A Cent Eur Neurosurg. 2014 May;75(3):246-7. doi: 10.1055/s-0033-1343988. Epub 2013 May 22. PMID: 23700167.

817: Ozay R, Çetinalp N, Göçün P, Doruk E, Duz B. Resection of a huge tufted angioma of orbit and orbitocranial mesh reconstruction. J Neurol Surg A Cent Eur Neurosurg. 2013 Dec;74 Suppl 1:e193-7. doi: 10.1055/s-0033-1341415. Epub 2013 May 22. PMID: 23700166.

818: Tubbs RS, Mortazavi MM, Farrington WJ, Chern JJ, Shoja MM, Loukas M, Cohen- Gadol AA. Relationships between the posterior interosseous nerve and the supinator muscle: application to peripheral nerve compression syndromes and nerve transfer procedures. J Neurol Surg A Cent Eur Neurosurg. 2013 Sep;74(5):290-3. doi: 10.1055/s-0033-1343986. Epub 2013 May 21. PMID: 23696294.

819: Prokopienko M, Kunert P, Marchel A. Unusual volume reduction of Galassi grade III arachnoid cyst following head trauma. J Neurol Surg A Cent Eur Neurosurg. 2013 Dec;74 Suppl 1:e198-202. doi: 10.1055/s-0033-1342931. Epub 2013 May 21. PMID: 23696293.

820: Neidert MC, Woernle CM, Leske H, Möller-Goede D, Pangalu A, Schmid C, Bernays RL. Ruptured Rathke cleft cyst mimicking pituitary apoplexy. J Neurol Surg A Cent Eur Neurosurg. 2013 Dec;74 Suppl 1:e229-32. doi: 10.1055/s-0033-1343985. Epub 2013 May 21. PMID: 23696292.

821: Haninec P, Mencl L, Bačinský P, Kaiser R. Serious axillary nerve injury caused by subscapular artery compression resulting from use of backpacks. J Neurol Surg A Cent Eur Neurosurg. 2013 Dec;74 Suppl 1:e225-8. doi: 10.1055/s-0033-1343987. Epub 2013 May 21. PMID: 23696291.

822: Singh I, Rohilla S, Kumawat M. Twist drill aspiration of pyogenic brain abscesses: our experience in 103 cases. J Neurol Surg A Cent Eur Neurosurg. 2014 May;75(3):189-94. doi: 10.1055/s-0033-1342933. Epub 2013 May 20. PMID: 23690074.

823: Murata Y, Kanaya K, Wada H, Wada K, Shiba M, Hatta S, Kato K, Kato Y. Clinical outcome of percutaneous drainage for spondylodiscitis. J Neurol Surg A Cent Eur Neurosurg. 2014 Jan;75(1):7-11. doi: 10.1055/s-0033-1334490. Epub 2013 May 20. PMID: 23690073.

824: Kaestner S, Dimitriou I. TGF beta1 and TGF beta2 and their role in posthemorrhagic hydrocephalus following SAH and IVH. J Neurol Surg A Cent Eur Neurosurg. 2013 Sep;74(5):279-84. doi: 10.1055/s-0033-1342929. Epub 2013 May 20. PMID: 23690072.

825: Matula C, Kjærsgaard L, Di Ieva A. Water-tight dural closure in brain surgery: a simple model for training. J Neurol Surg A Cent Eur Neurosurg. 2014 May;75(3):241-5. doi: 10.1055/s-0033-1342928. Epub 2013 May 16. PMID: 23681920.

- 826: Nomura K, Yoshida M, Kawai M, Okada M, Nakao S. A novel microendoscopically assisted approach for the treatment of recurrent lumbar disc herniation: transosseous discectomy surgery. *J Neurol Surg A Cent Eur Neurosurg*. 2014 May;75(3):183-8. doi: 10.1055/s-0033-1334491. Epub 2013 May 15. PMID: 23677684.
- 827: Mortini P, Gagliardi F, Boari N, Spina A, Bailo M, Franzin A. The suprameatal dural flap for superior petrosal vein protection during the retrosigmoid intradural suprameatal approach. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Jan;75(1):53-7. doi: 10.1055/s-0033-1342935. Epub 2013 May 14. PMID: 23673670.
- 828: Petteys RJ, Sandhu FA. Minimally invasive lateral retroperitoneal corpectomy for treatment of focal thoracolumbar kyphotic deformity: case report and review of the literature. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Jul;75(4):305-9. doi: 10.1055/s-0033-1334489. Epub 2013 May 14. PMID: 23673669.
- 829: Parker SL, Grahovac G, Vukas D, Ledic D, Vilendecic M, McGirt MJ. Cost savings associated with prevention of recurrent lumbar disc herniation with a novel annular closure device: a multicenter prospective cohort study. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Sep;74(5):285-9. doi: 10.1055/s-0033-1341416. Epub 2013 May 13. PMID: 23670809.
- 830: Fichte S, Brodhun M, Göttinger S, Rosahl S, Klisch J, Gerlach R. Vertebral and pulmonary actinomycosis mimicking metastatic lung cancer. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Dec;74 Suppl 1:e188-92. doi: 10.1055/s-0033-1342930. Epub 2013 May 13. PMID: 23670808.
- 831: Brokinkel B, Schober O, Ewelt C, Heindel W, Hargus G, Stummer W, Holling M, Wölfer J. Cerebellar anaplastic astrocytoma in an adult with neurofibromatosis type 1: case report and review of literature. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Dec;74 Suppl 1:e203-6. doi: 10.1055/s-0033-1342938. Epub 2013 May 13. PMID: 23670807.
- 832: Abdullah MZ, Awang MS, Tan YC, Abdullah JM. A preliminary study of using active vision guided robotic arm for bone drilling in a developing country. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Mar;75(2):155-7. doi: 10.1055/s-0032-1330954. Epub 2013 May 1. PMID: 23636911.
- 833: Wang L, Ling SY, Fu XM, Niu CS, Qian RB. Neuronavigation-assisted endoscopic unilateral cyst fenestration for treatment of symptomatic septum pellucidum cysts. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Jul;74(4):209-15. doi: 10.1055/s-0032-1331385. Epub 2013 May 1. PMID: 23636910.
- 834: Kocabicak E, Aygun D, Alptekin O, Guz H, Kurt M, Sarihasan B, Temel Y. Conversion of local anesthesia-guided deep brain stimulation of the subthalamic nucleus to general anesthesia. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Sep;74(5):332-4. doi: 10.1055/s-0033-1342939. Epub 2013 May 1. PMID: 23636909.
- 835: Tabaee A, Kamat A, Shrivastava R. Complex reconstruction of the sella using absorbable mini-plate in revision endoscopic pituitary surgery: technical note. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Sep;74(5):313-7. doi: 10.1055/s-0032-1333129. Epub 2013 Mar 26. PMID: 23532611.
- 836: Joo SP, Kim TS, Moon HS. How to minimize ischemic complication related to swollen temporalis muscle following indirect revascularization surgery in moyamoya disease: a technical report. *J Neurol Surg A Cent Eur Neurosurg*. 2014 May;75(3):231-5. doi: 10.1055/s-0032-1333126. Epub 2013 Mar 26. PMID: 23532610.
- 837: Herrada-Pineda T, Revilla-Pacheco F, Manrique-Guzman S. Endoscopic approach for the treatment of pineal region tumors. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Jan;76(1):8-12. doi:

10.1055/s-0032-1330958. Epub 2013 Mar 26. PMID: 23532609.

838: Landi A, Pietrantonio A, Marotta N, Mancarella C, Delfini R. Intra- extramedullary drainage as an effective option for treatment of intramedullary ependymal cyst of thoracic spine: technical note. J Neurol Surg A Cent Eur Neurosurg. 2014 Mar;75(2):146-50. doi: 10.1055/s-0032-1328951. Epub 2013 Mar 22. PMID: 23526205.

839: Vanhauwaert D, Hallaert G, Baert E, Van Roost D, Okito JP, Caemaert J. Treatment of cystic craniopharyngioma by endocavitary instillation of yttrium⁹⁰ radioisotope–still a valuable treatment option. J Neurol Surg A Cent Eur Neurosurg. 2013 Sep;74(5):307-12. doi: 10.1055/s-0033-1341413. Epub 2013 Mar 22. PMID: 23526204.

840: Yamahata H, Tokimura H, Hirahara K, Ishii T, Hanada T, Hirano H, Hanaya R, Sugata S, Mamitsuka K, Arita K. Entry point to the Sylvian fissure for the pterional transsylvian approach. J Neurol Surg A Cent Eur Neurosurg. 2013 Jul;74(4):228-33. doi: 10.1055/s-0033-1341414. Epub 2013 Mar 22. PMID: 23526203.

841: Shakal AA, Mokbel EA. Hemorrhage after stereotactic biopsy from intra-axial brain lesions: incidence and avoidance. J Neurol Surg A Cent Eur Neurosurg. 2014 May;75(3):177-82. doi: 10.1055/s-0032-1325633. Epub 2013 Mar 22. PMID: 23526202.

842: Serra C, Huppertz HJ, Kockro RA, Grunwald T, Bozinov O, Kraysenbühl N, Bernays RL. Rapid and accurate anatomical localization of implanted subdural electrodes in a virtual reality environment. J Neurol Surg A Cent Eur Neurosurg. 2013 May;74(3):175-82. doi: 10.1055/s-0032-1333124. Epub 2013 Mar 19. PMID: 23512592.

843: Kemerdere R, Kacira T, Hanimoglu H, Kucur M, Tanriverdi T, Canbaz B. Tissue and plasma thioredoxin reductase expressions in patients with glioblastoma multiforme. J Neurol Surg A Cent Eur Neurosurg. 2013 Jul;74(4):234-8. doi: 10.1055/s-0032-1333422. Epub 2013 Mar 19. PMID: 23512591.

844: Iwata A, Ito M, Abumi K, Sudo H, Kotani Y, Shono Y, Minami A. Fungal spinal infection treated with percutaneous posterolateral endoscopic surgery. J Neurol Surg A Cent Eur Neurosurg. 2014 May;75(3):170-6. doi: 10.1055/s-0032-1329268. Epub 2013 Mar 19. PMID: 23512590.

845: Duque SG, Gorrepati R, Kesavabhotla K, Huang C, Boockvar JA. Endoscopic endonasal transphenoidal surgery using the BrainLAB® Headband for navigation without rigid fixation. J Neurol Surg A Cent Eur Neurosurg. 2014 Jul;75(4):267-9. doi: 10.1055/s-0032-1331383. Epub 2013 Mar 19. PMID: 23512589.

846: Dalgic A, Okay O, Helvacioğlu F, Daglioglu E, Akdag R, Take G, Belen D. Tobacco-induced neuronal degeneration via cotinine in rats subjected to experimental spinal cord injury. J Neurol Surg A Cent Eur Neurosurg. 2013 May;74(3):136-45. doi: 10.1055/s-0033-1337607. Epub 2013 Mar 19. PMID: 23512588.

847: Siu A, Vashishta R, Goodman JF, Roberti F, Singh A. Successful endoscopic repair of persistent Cerebrospinal fluid fistula following attempted transcranial repair. J Neurol Surg A Cent Eur Neurosurg. 2013 Dec;74 Suppl 1:e107-10. doi: 10.1055/s-0032-1328957. Epub 2013 Mar 19. PMID: 23512587.

848: Kuruvath S, Ahmed S, Johnson A, Shad A. Anterior clinoid mucocele–clinical presentation, investigations, and management by endoscopic excision: review of literature. J Neurol Surg A Cent Eur Neurosurg. 2013 Dec;74 Suppl 1:e180-4. doi: 10.1055/s-0032-1333414. Epub 2013 Mar 19. PMID: 23512586.

849: Ivan ME, Lawton MT. Mini supraorbital approach to inferior frontal lobe cavernous malformations: case series. *J Neurol Surg A Cent Eur Neurosurg*. 2013 May;74(3):187-91. doi: 10.1055/s-0032-1333421. Epub 2013 Mar 19. PMID: 23512585.

850: Ambekar S, Banerjee AD, Chittiboina P, Cuellar-Saenz H, Sin A, Nanda A. Rapid enlargement of aneurysmal remnant as a cause of early rebleed after coil embolization of posterior communicating artery aneurysm: a case report. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Dec;74 Suppl 1:e170-5. doi: 10.1055/s-0032-1333424. Epub 2013 Mar 19. PMID: 23512584.

851: Nickele C, Hanna A, Baskaya MK. Osteotomy for laminoplasty without soft tissue penetration, performed using a harmonic bone scalpel: instrumentation and technique. *J Neurol Surg A Cent Eur Neurosurg*. 2013 May;74(3):183-6. doi: 10.1055/s-0032-1328958. Epub 2013 Mar 15. PMID: 23504672.

852: Scheller C, Wienke A, Wurm F, Vogel AS, Simmermacher S, Prell J, Rachinger J, Koman G, Strauss C, Scheller K. Enteral or parenteral nimodipine treatment: a comparative pharmacokinetic study. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Mar;75(2):84-90. doi: 10.1055/s-0033-1337608. Epub 2013 Mar 15. PMID: 23504671.

853: Krass J, Hahn Y, Karami K, Babu S, Pieper DR. Endoscopic assisted resection of prepontine epidermoid cysts. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Mar;75(2):120-5. doi: 10.1055/s-0032-1328956. Epub 2013 Mar 15. PMID: 23504670.

854: Zrinzo L, Hariz M. Errors of image coregistration may necessitate intraoperative refinement in functional neurosurgery. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Sep;74(5):335-6. doi: 10.1055/s-0033-1337609. Epub 2013 Mar 15. PMID: 23504669.

855: Wang X, Yu Y, Zhang X, Hu F, Gu Y, Xie T, Yu H, Cai Z. Unusual imaging appearance of a huge intracranial dermoid cyst located across the anterior and middle skull base. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Dec;74 Suppl 1:e185-7. doi: 10.1055/s-0033-1337610. Epub 2013 Mar 15. PMID: 23504668.

856: Acioly MA, Maior PS, Telles C, de Aguiar GB. Bilateral mini-open decompression in the treatment of carpal tunnel syndrome caused by persistent median artery: case report. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Dec;74 Suppl 1:e124-7. doi: 10.1055/s-0032-1328959. Epub 2013 Mar 15. PMID: 23504667.

857: Pimenta L, Marchi L, Oliveira L, Coutinho E, Amaral R. A prospective, randomized, controlled trial comparing radiographic and clinical outcomes between stand-alone lateral interbody lumbar fusion with either silicate calcium phosphate or rh-BMP2. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Nov;74(6):343-50. doi: 10.1055/s-0032-1333420. Epub 2013 Feb 26. PMID: 23444134.

858: Mostofi K. Intracranial meningiomas in French West Indies and French Guiana. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Sep;74(5):303-6. doi: 10.1055/s-0032-1333128. Epub 2013 Feb 26. PMID: 23444133.

859: Hong WC, Lai PS, Chien YH, Tu YK, Tsai JC. Single-Incision laparoscopic surgery (SILS) for ventriculoperitoneal shunt placement. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Nov;74(6):351-6. doi: 10.1055/s-0032-1333125. Epub 2013 Feb 26. PMID: 23444132.

860: Yuan D, Liu D, Yuan XR, Xi J, Ding XP. Intramedullary thoracic spinal cord meningioma: a rare case report and review of the literature. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Dec;74 Suppl 1:e136-9. doi: 10.1055/s-0032-1330959. Epub 2013 Feb 26. PMID: 23444131.

- 861: Kirazlı Ö, Tatarlı N, Ceylan D, Hacıoğlu H, Uygun S, Şeker A, Keleş E, Çavdar S. A variation of the cords of the brachial plexus on the right and a communication between the musculocutaneous and median nerves on the left upper limb: a unique case. *J Neurol Surg A Cent Eur Neurosurg.* 2013 Dec;74 Suppl 1:e176-9. doi: 10.1055/s-0032-1333416. Epub 2013 Feb 26. PMID: 23444130.
- 862: Mocco J, Komotar RJ, Raper DM, Kellner CP, Connolly ES, Solomon RA. The modified pterional keyhole craniotomy for open cerebrovascular surgery: a new workhorse? *J Neurol Surg A Cent Eur Neurosurg.* 2013 Nov;74(6):400-4. doi: 10.1055/s-0032-1333130. Epub 2013 Feb 20. PMID: 23427039.
- 863: Koktekir E, Tatarlı N, Ceylan D, Koktekir BE, Akdemir G. Symptomatic pneumorrhachis. *J Neurol Surg A Cent Eur Neurosurg.* 2014 Mar;75(2):140-5. doi: 10.1055/s-0032-1333123. Epub 2013 Feb 20. PMID: 23427038.
- 864: Baraniskin A, Steffens C, Harders A, Schmiegel W, Schroers R, Spangenberg P. Impact of pre-hospital antithrombotic medication on the outcome of chronic and acute subdural hematoma. *J Neurol Surg A Cent Eur Neurosurg.* 2014 Jan;75(1):31-6. doi: 10.1055/s-0032-1325629. Epub 2013 Feb 20. PMID: 23427037.
- 865: Walter J, Koch A, Herbold C, Schiffler S, Reichart R, Waschke A, Kalff R. Multifocal glioblastoma multiforme in the posterior fossa mimicking cerebral metastases: case presentation and review of the current literature. *J Neurol Surg A Cent Eur Neurosurg.* 2013 Dec;74 Suppl 1:e30-5. doi: 10.1055/s-0032-1330113. Epub 2013 Feb 20. PMID: 23427036.
- 866: Tucker A, Tamura Y, Hanabusa K, Miyake H, Tsuji M, Ukita T, Ohmura T. Endoscopic third ventriculostomy for hydrocephalus due to unruptured pineal AVM: case report and review of the literature. *J Neurol Surg A Cent Eur Neurosurg.* 2013 Dec;74 Suppl 1:e45-9. doi: 10.1055/s-0032-1330120. Epub 2013 Feb 20. PMID: 23427035.
- 867: Tomasi SO, Ghani I, Waldvogel D, Hausmann O. Radicular pain from lumbar canal stenosis in addition to pre-existing phantom limb pain. *J Neurol Surg A Cent Eur Neurosurg.* 2013 Dec;74 Suppl 1:e92-5. doi: 10.1055/s-0032-1328952. Epub 2013 Feb 20. PMID: 23427034.
- 868: Samuel TA, Parikh J, Sharma S, Giller CA, Sterling K, Kapoor S, Pirkle C, Jillella A. Recurrent adult choroid plexus carcinoma treated with high-dose chemotherapy and syngeneic stem cell (bone marrow) transplant. *J Neurol Surg A Cent Eur Neurosurg.* 2013 Dec;74 Suppl 1:e149-54. doi: 10.1055/s-0032-1333419. Epub 2013 Feb 20. PMID: 23427033.
- 869: Mammis A, Agarwal N, Eloy JA, Liu JK. Intraventricular tension pneumocephalus after endoscopic skull base surgery. *J Neurol Surg A Cent Eur Neurosurg.* 2013 Dec;74 Suppl 1:e96-9. doi: 10.1055/s-0032-1328954. Epub 2013 Feb 20. PMID: 23427032.
- 870: Kovanda T, Braca J, Prabhu V. Bilateral ptosis as initial presentation of gliomatosis cerebri: case report. *J Neurol Surg A Cent Eur Neurosurg.* 2013 Dec;74 Suppl 1:e159-65. doi: 10.1055/s-0032-1333417. Epub 2013 Feb 20. PMID: 23427031.
- 871: Grahovac G, Rajappa P, Vilendecic M, Zic R, Lambasa S, Prgommet S. Sinus pericranii in the left frontal region involving the superior eyelid: a case report. *J Neurol Surg A Cent Eur Neurosurg.* 2013 Dec;74 Suppl 1:e166-9. doi: 10.1055/s-0032-1333423. Epub 2013 Feb 20. PMID: 23427030.
- 872: Escribano JA, Solivera J, Vidal E, Rivin E, Lozano J. Otogenic cerebellar abscess by *Enterococcus avium*, a very rare infectious agent. *J Neurol Surg A Cent Eur Neurosurg.* 2013 Dec;74 Suppl 1:e155-8. doi: 10.1055/s-0032-1333418. Epub 2013 Feb 20. PMID: 23427029.

873: Yadav YR, Parihar V, Namdev H, Agarwal M, Bhatele PR. Endoscopic interlaminar management of lumbar disc disease. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Mar;74(2):77-81. doi: 10.1055/s-0032-1333127. Epub 2013 Feb 12. PMID: 23404555.

874: Stürer C, Stoffel M, Hecker J, Ringel F, Meyer B. A staged treatment algorithm for spinal infections. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Mar;74(2):87-95. doi: 10.1055/s-0032-1320022. Epub 2013 Feb 12. PMID: 23404554.

875: Inoue D, Cho B, Mori M, Kikkawa Y, Amano T, Nakamizo A, Yoshimoto K, Mizoguchi M, Tomikawa M, Hong J, Hashizume M, Sasaki T. Preliminary study on the clinical application of augmented reality neuronavigation. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Mar;74(2):71-6. doi: 10.1055/s-0032-1333415. Epub 2013 Feb 12. PMID: 23404553.

876: Hassanpour E, Yavari M, Karbalaiekhani A, Saremi H. Nerve stripper-assisted sural nerve harvest. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Mar;75(2):161-4. doi: 10.1055/s-0032-1330117. Epub 2013 Feb 8. PMID: 23397128.

877: Miliaras G, Fotakopoulos G, Asproudis I, Voulgaris S, Zikou A, Polyzoidis K. Indirect traumatic optic neuropathy following head injury: report of five patients and review of the literature. *J Neurol Surg A Cent Eur Neurosurg*. 2013 May;74(3):168-74. doi: 10.1055/s-0032-1330115. Epub 2013 Feb 8. PMID: 23397127.

878: Suslu HT, Tatarli N, Karaaslan A, Demirel N. A practical laboratory study simulating the lumbar microdiscectomy: training model in fresh cadaveric sheep spine. *J Neurol Surg A Cent Eur Neurosurg*. 2014 May;75(3):167-9. doi: 10.1055/s-0032-1330114. Epub 2013 Feb 8. PMID: 23397126.

879: Roder C, Ebner FH, Schuhmann MU. Neurenteric cysts of the cerebellopontine angle. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Dec;74 Suppl 1:e36-40. doi: 10.1055/s-0032-1330860. Epub 2013 Feb 8. PMID: 23397125.

880: Seker A, Ceylan D, Tatarlı N, Abdullaev T, Gülbar S, Konya D, Bayri Y, Keleş E, Kılıç T, Cavdar S. A unique case of intradural communicating branches between the accessory nerve and the dorsal roots of the cervical spinal nerves. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Nov;74(6):415-8. doi: 10.1055/s-0032-1320021. Epub 2013 Feb 8. PMID: 23397124.

881: Lütjens G, Capelle HH, Krauss JK. Akinetic mutism and parkinsonism due to subdural and intraventricular tension pneumocephalus. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Dec;74 Suppl 1:e116-8. doi: 10.1055/s-0032-1326941. Epub 2013 Jan 15. PMID: 23322598.

882: Munich SA, Fenstermaker RA, Fabiano AJ, Rigual NR. Cranial base repair with combined vascularized nasal septal flap and autologous tissue graft following expanded endonasal endoscopic neurosurgery. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Mar;74(2):101-8. doi: 10.1055/s-0032-1330118. Epub 2013 Jan 14. PMID: 23319331.

883: Aydin S, Abuzayed B, Kiziltan G, Gunduz A, Yagci S, Mengi M, Kizilkilic O, Uzan M, Hanci M. Unilateral thalamic Vim and GPi stimulation for the treatment of Holmes' tremor caused by midbrain cavernoma: case report and review of the literature. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Jul;74(4):271-6. doi: 10.1055/s-0032-1322549. Epub 2013 Jan 14. PMID: 23319330.

884: Akhavan-Sigari R, Rohde V, Abili M. Stevens Johnson syndrome—an adverse drug reaction occurred after uncomplicated removal of an intracerebral cavernous hemangioma. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Dec;74 Suppl 1:e58-61. doi: 10.1055/s-0032-1330112. Epub 2013 Jan 14. PMID: 23319329.

- 885: Lee JY, Bhowmick DA, Eun DD, Welch WC. Minimally invasive, robot-assisted, anterior lumbar interbody fusion: a technical note. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Jul;74(4):258-61. doi: 10.1055/s-0032-1330121. Epub 2013 Jan 11. PMID: 23315671.
- 886: Waran V, Pancharatnam D, Thambinayagam HC, Raman R, Rathinam AK, Balakrishnan YK, Tung TS, Rahman ZA. The utilization of cranial models created using rapid prototyping techniques in the development of models for navigation training. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Jan;75(1):12-5. doi: 10.1055/s-0032-1330960. Epub 2013 Jan 11. PMID: 23315670.
- 887: Mura J, Figueiredo EG, Carmona P, Palma-Fellemborg Á, de Faria JW. The anterior ventriculo-cisternostomy: the pioneers' work revisited. *J Neurol Surg A Cent Eur Neurosurg*. 2013 May;74(3):146-51. doi: 10.1055/s-0032-1330122. Epub 2013 Jan 11. PMID: 23315669.
- 888: Sacks D, Kim E, Russell P. The role of the endonasal endoscope in the operative management of brain abscess: a case report. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Dec;74 Suppl 1:e54-7. doi: 10.1055/s-0032-1330955. Epub 2013 Jan 11. PMID: 23315668.
- 889: Little AS. Repair of cerebrospinal fluid fistula from an invasive skull base prolactinoma using a septal mucosal vascularized flap: technical case report. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Dec;74 Suppl 1:e50-3. doi: 10.1055/s-0032-1331386. Epub 2013 Jan 11. PMID: 23315667.
- 890: Roldan H, Ribas-Nijkerk JC, Perez-Orribo L, Garcia-Marin V. Stabilization of the cervicothoracic junction in tumoral cases with a hybrid less invasive- minimally invasive surgical technique: report of two cases. *J Neurol Surg A Cent Eur Neurosurg*. 2014 May;75(3):236-40. doi: 10.1055/s-0032-1331382. Epub 2013 Jan 10. PMID: 23307312.
- 891: Kitai R, Nakano K, Hashimoto N, Arishima H, Yamauchi T, Higashino Y, Takeuchi H, Kikuta K. The adaptation of a neuroendoscopic sheath to a Leksell stereotactic frame to make it suitable for approaching small ventricles: a technical note. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Mar;75(2):151-4. doi: 10.1055/s-0032-1320030. Epub 2013 Jan 10. PMID: 23307311.
- 892: Iannelli A, Lenzi R, Muscatello L. A useful maneuver to simplify sellar floor repair following endoscopic transnasal pituitary surgery. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Mar;75(2):158-60. doi: 10.1055/s-0032-1331387. Epub 2013 Jan 10. PMID: 23307310.
- 893: Chen MJ, Gu LX, Zhang WJ, Yang C, Dong MJ. Electromagnetic navigation- guided radiofrequency thermocoagulation in trigeminal neuralgia: technical note with three case reports. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Jul;74(4):251-7. doi: 10.1055/s-0032-1330953. Epub 2013 Jan 10. PMID: 23307309.
- 894: Zairi F, Arikat A, Allaoui M, Assaker R. Transforaminal lumbar interbody fusion: comparison between open and mini-open approaches with two years follow- up. *J Neurol Surg A Cent Eur Neurosurg*. 2013 May;74(3):131-5. doi: 10.1055/s-0032-1330956. Epub 2013 Jan 10. PMID: 23307308.
- 895: Tugcu B, Tanriverdi O, Baydin S, Hergunsel B, Günalı Ö, Ofluoglu E, Alatas I, Demirgil B, Emel E. Can recurrence of chronic subdural hematoma be predicted? A retrospective analysis of 292 cases. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Jan;75(1):37-41. doi: 10.1055/s-0032-1330961. Epub 2013 Jan 10. PMID: 23307307.
- 896: Sharifi G, Jalessi M, Sarvghadi F, Farhadi M. Gigantism treated by pure endoscopic endonasal approach in a case of McCune-Albright syndrome with sphenoid fibrous dysplasia: a case report. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Dec;74 Suppl 1:e140-4. doi: 10.1055/s-0032-1330957. Epub

2013 Jan 10. PMID: 23307306.

897: Sharifi G, Jahanbakhshi A. Quadrigeminal cistern arachnoid cyst treated by endoscopic ventriculocystostomy through the trigonal region. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Dec;74 Suppl 1:e145-8. doi: 10.1055/s-0032-1331384. Epub 2013 Jan 10. PMID: 23307305.

898: Mracek J, Mork J, Stepanek D, Holeckova I, Hommerova J, Ferda J, Priban V. Urgent extracranial-intracranial bypass in the treatment of acute hemodynamic ischemic stroke: case report. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Sep;74(5):325-31. doi: 10.1055/s-0032-1331381. Epub 2013 Jan 10. PMID: 23307304.

899: Van Rompaey J, Bush C, McKinnon B, Solares AC. Minimally invasive access to the posterior cranial fossa: an anatomical study comparing a retrosigmoidal endoscopic approach to a microscopic approach. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Jan;74(1):1-6. doi: 10.1055/s-0032-1330119. Epub 2013 Jan 4. PMID: 23292532.

900: Cox JB, Yang M, Jacob RP, Pincus DW. Temporary percutaneous pedicle screw fixation for treatment of thoracolumbar injuries in young adults. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Jan;74(1):7-11. doi: 10.1055/s-0032-1330123. Epub 2013 Jan 4. PMID: 23292531.

901: Zhang W, Li S, Zheng X. Evaluation of the clinical efficacy of multiple lower extremity nerve decompression in diabetic peripheral neuropathy. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Mar;74(2):96-100. doi: 10.1055/s-0032-1320029. Epub 2012 Dec 18. PMID: 23250876.

902: Senker W, Meznik C, Avian A, Berghold A. The frequency of accidental dural tears in minimally invasive spinal fusion techniques. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Nov;74(6):373-7. doi: 10.1055/s-0032-1320028. Epub 2012 Dec 18. PMID: 23250875.

903: Mauer UM, Unterreithmeir L, Jahn A, Wagner W, Kunz U, Schulz C. A survey on current practice in the neurosurgical management of preterm infants with posthemorrhagic hydrocephalus in Germany. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Mar;74(2):82-6. doi: 10.1055/s-0032-1320023. Epub 2012 Dec 18. PMID: 23250874.

904: Matsumoto M, Watanabe K, Hosogane N, Tsuji T, Ishii K, Nakamura M, Chiba K, Toyama Y. Recurrence of lumbar disc herniation after microendoscopic discectomy. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Jul;74(4):222-7. doi: 10.1055/s-0032-1320031. Epub 2012 Dec 18. PMID: 23250873.

905: Van Dycke A, Okito JP, Acou M, Deblaere K, Hemelsoet D, Van Roost D. Spontaneous delayed brain herniation through a subdural membrane after tumor surgery. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Dec;74 Suppl 1:e25-9. doi: 10.1055/s-0032-1320027. Epub 2012 Dec 18. PMID: 23250872.

906: Jhawar SS, Mahore A, Goel AH. Giant multicompartmental epidermoid cyst of cavernous sinus: a case report. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Dec;74 Suppl 1:e9-12. doi: 10.1055/s-0032-1320026. Epub 2012 Dec 18. PMID: 23250871.

907: Chrastina J, Novak Z, Riha I, Hermanova M, Feitova V. Diagnostic value of brain tumor neuroendoscopic biopsy and correlation with open tumor resection. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Mar;75(2):110-5. doi: 10.1055/s-0032-1320032. Epub 2012 Dec 11. PMID: 23233376.

908: Marovic P, Thani N, Lu S, Bala A. Spinal subarachnoid hemorrhage secondary to rupture of an isolated radicular artery aneurysm. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Nov;74(6):410-4. doi: 10.1055/s-0032-1320025. Epub 2012 Dec 11. PMID: 23233375.

- 909: Hans FJ, Geibprassert S, Krings T, Weis J, Deckert M, Ludolph A, Osieka R, Jost E. Solitary plasmacytoma presenting as an intramedullary mass of the cervical cord. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Dec;74 Suppl 1:e13-7. doi: 10.1055/s-0032-1320024. Epub 2012 Dec 11. PMID: 23233374.
- 910: Pichierri A, Ruggeri A, Donnarumma P, Delfini R. Postoperative extradural hematomas. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Jan;74(1):25-8. doi: 10.1055/s-0032-1326939. Epub 2012 Nov 8. PMID: 23138564.
- 911: Chen S, Kato Y, Kumar A, Sinha R, Oguri D, Oda J, Watabe T, Imizu S, Sano H, Hirose Y. Contralateral approach to unruptured superior hypophyseal artery aneurysms. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Jan;74(1):18-24. doi: 10.1055/s-0032-1326944. Epub 2012 Nov 8. PMID: 23138563.
- 912: Gupta R, Miyachi S, Matsubara N, Izumi T, Naito T, Haraguchi K, Wakabayashi T. Pial arteriovenous fistula as a cause of bilateral thalamic hyperintensities –an unusual case report and review of the literature. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Dec;74 Suppl 1:e18-24. doi: 10.1055/s-0032-1315793. Epub 2012 Nov 5. PMID: 23128994.
- 913: Aydin S, Abuzayed B. Psychosurgery: review of latest concepts and applications. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Jan;74(1):29-46. doi: 10.1055/s-0032-1304805. Epub 2012 Oct 26. PMID: 23104592.
- 914: Lee JY, Barroeta JE, Newman JG, Chiu AG, Venneti S, Grady MS. Endoscopic endonasal resection of anterior skull base meningiomas and mucosa: implications for resection, reconstruction, and recurrence. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Jan;74(1):12-7. doi: 10.1055/s-0032-1322594. Epub 2012 Oct 26. PMID: 23104591.
- 915: Sarikaya-Seiwert S, Klenzner T, Schipper J, Steiger HJ, Haenggi D. Giant dumbbell-shaped intra- and extracranial nerve schwannoma in a child presenting with glossopharyngeal neuralgia syncope syndrome: a case report and review of the literature. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Jan;74(1):54-8. doi: 10.1055/s-0032-1324802. Epub 2012 Oct 26. PMID: 23104590.
- 916: Hopkins J, Sakai T, Sairyo K, Mefford J, Bhatia NN, Tonogai I, Dezawa A, Yasui N. Endoscope-assisted excision of a juxtafacet cyst in an adolescent athlete: a case report. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Dec;74 Suppl 1:e66-9. doi: 10.1055/s-0032-1325635. Epub 2012 Oct 17. PMID: 23076813.
- 917: McLaughlin N, Kelly DF, Prevedello DM, Carrau RL, Kassam AB. Hemostasis management during completely endoscopic removal of a highly vascular intraparenchymal brain tumor: technique assessment. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Jan;75(1):42-7. doi: 10.1055/s-0032-1325631. Epub 2012 Oct 12. PMID: 23065778.
- 918: Keric N, Burger R, Eloff E, Wrede A, Rohde V. Temporobasal, transsphenoidal meningoencephalocele becoming symptomatic with spontaneous cerebrospinal fluid rhinorrhea: diagnostic work-up and microsurgical strategy. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Dec;74 Suppl 1:e111-5. doi: 10.1055/s-0032-1327444. Epub 2012 Oct 8. PMID: 23044912.
- 919: Yadav YR, Madharia SN, Parihar VS, Namdev H, Bhatele PR. Endoscopic transoral excision of odontoid process in irreducible atlantoaxial dislocation: our experience of 34 patients. *J Neurol Surg A Cent Eur Neurosurg*. 2013 May;74(3):162-7. doi: 10.1055/s-0032-1327441. Epub 2012 Oct 8. PMID: 23044911.

- 920: Banczerowski P, Veres R, Vajda J. Modified surgical approach to cervical neurinomas with intraforaminal components: minimal invasive facet joint sparing "open-tunnel" technique. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Jan;75(1):16-9. doi: 10.1055/s-0032-1327445. Epub 2012 Oct 8. PMID: 23044910.
- 921: Reck C, Maarouf M, Wojtecki L, Groiss SJ, Florin E, Sturm V, Fink GR, Schnitzler A, Timmermann L. Clinical outcome of subthalamic stimulation in Parkinson's disease is improved by intraoperative multiple trajectories microelectrode recording. *J Neurol Surg A Cent Eur Neurosurg*. 2012 Nov;73(6):377-86. doi: 10.1055/s-0032-1326957. Epub 2012 Oct 5. PMID: 23042143.
- 922: Holzmann D, Bozinov O, Krayenbühl N. Is there a place for the endoscope in skull base surgery in children less than 5 years? *J Neurol Surg A Cent Eur Neurosurg*. 2014 Mar;75(2):133-9. doi: 10.1055/s-0032-1327442. Epub 2012 Oct 5. PMID: 23042142.
- 923: Roser F, Ebner FH, Schuhmann MU, Tatagiba M. Glossopharyngeal neuralgia treated with an endoscopic assisted midline suboccipital subtonsillar approach: technical note. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Sep;74(5):318-20. doi: 10.1055/s-0032-1327447. Epub 2012 Oct 5. PMID: 23042141.
- 924: Aldea S, Bică D, Gobej I, Bennis S, Baussart B, Mireau E, Bourdain F, Gaillard S. Bilateral orbital and optic nerve endoscopic endonasal decompression for nonspecific inflammatory orbital disease: case report. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Dec;74 Suppl 1:e133-5. doi: 10.1055/s-0032-1327446. Epub 2012 Oct 5. PMID: 23042140.
- 925: Kuhnt D, Becker A, Benes L, Nimsky C. Reversible cortical blindness and internuclear ophthalmoplegia after neurosurgical operation: case report and review of the literature. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Dec;74 Suppl 1:e128-32. doi: 10.1055/s-0032-1327448. Epub 2012 Oct 5. PMID: 23042139.
- 926: Sasaki M, Aoki M, Matsumoto K, Tsuruzono K, Akiyama C, Yoshimine T. Middle- term surgical outcomes of microscopic posterior decompression for far-out syndrome. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Mar;75(2):79-83. doi: 10.1055/s-0032-1327443. Epub 2012 Oct 5. PMID: 23042138.
- 927: Voormolen EH, Froelich S, Woerdeman PA, Berkelbach van der Sprenkel JW, Braunius WW, Regli L. Surgical instrument tracking optimizes trans-sphenoidal endoscopic treatment of petrous apex cholesterol granuloma. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Mar;74(2):109-12. doi: 10.1055/s-0032-1326945. Epub 2012 Oct 3. PMID: 23034888.
- 928: Łysoń T, Sieskiewicz A, Rogowski M, Mariak Z. Transnasal endoscopic removal of intraorbital wooden foreign body. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Dec;74 Suppl 1:e100-3. doi: 10.1055/s-0032-1326942. Epub 2012 Oct 3. PMID: 23034887.
- 929: Yilmaz ER, Hasturk AE, Caglar S. An unusual sacral osteomyelitis due to an occult anterior sacral meningocele. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Dec;74 Suppl 1:e104-6. doi: 10.1055/s-0032-1326938. Epub 2012 Oct 3. PMID: 23034886.
- 930: Chamoun R, Takashima M, Yoshor D. Endoscopic extracapsular dissection for resection of pituitary macroadenomas: technical note. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Jan;75(1):48-52. doi: 10.1055/s-0032-1326940. Epub 2012 Oct 3. PMID: 23034885.
- 931: McLaughlin N, Carrau RL, Kassam AB, Kelly DF. Neuronavigation in endonasal pituitary and skull base surgery using an autoregistration mask without head fixation: an assessment of accuracy and practicality. *J Neurol Surg A Cent Eur Neurosurg*. 2012 Nov;73(6):351-7. doi: 10.1055/s-0032-1326943.

Epub 2012 Oct 3. PMID: 23034884.

932: Ueba T, Abe H, Higashi T, Inoue T. Transdural imaging of meningiomas by indocyanine green videography: the eclipse sign. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Jan;74(1):51-3. doi: 10.1055/s-0032-1325634. Epub 2012 Oct 1. PMID: 23027436.

933: Boari N, Gagliardi F, Roberti F, Barzaghi LR, Caputy AJ, Mortini P. The trans-frontal-sinus subcranial approach for removal of large olfactory groove meningiomas: surgical technique and comparison to other approaches. *J Neurol Surg A Cent Eur Neurosurg*. 2013 May;74(3):152-61. doi: 10.1055/s-0032-1325630. Epub 2012 Oct 1. PMID: 23027435.

934: Giannetti AV. Purely neuroendoscopic resection of an intraventricular cavernous angioma: case report. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Jan;74(1):47-50. doi: 10.1055/s-0032-1325632. Epub 2012 Oct 1. PMID: 23027434.

935: Komotar RJ, Starke RM, Raper DM, Anand VK, Schwartz TH. Endoscopic endonasal versus open repair of anterior skull base Cerebrospinal fluid fistula, meningocele, and encephalocele: a systematic review of outcomes. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Jul;74(4):239-50. doi: 10.1055/s-0032-1325636. Epub 2012 Oct 1. PMID: 23027433.

936: Nestler U, Wagner HJ, Schaenzer A, Preuss M. Solid variant of aneurysmal bone cyst of the left parietal bone without preceding trauma. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Dec;74 Suppl 1:e70-5. doi: 10.1055/s-0032-1324803. Epub 2012 Sep 26. PMID: 23015296.

937: Çelik Ö, Berkman ZM, Orakdöğen M, Ayan E, Somay H, Düzkalir HA. Obstructive hydrocephalus due to vertebrobasilar dolichoectasia: diagnostic and therapeutic considerations. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Dec;74 Suppl 1:e4-8. doi: 10.1055/s-0032-1315792. Epub 2012 Aug 21. PMID: 22911556.

938: Ruess D, Rieger B, Goldbrunner R, Schlacke HP. Pitfalls in brain death diagnosis: a case report. *J Neurol Surg A Cent Eur Neurosurg*. 2013 May;74(3):192-6. doi: 10.1055/s-0032-1322520. Epub 2012 Aug 16. PMID: 22899230.

939: Fotakopoulos G, Alexiou GA, Kotlia P, Pachatouridis D, Voulgaris S. Improvement of erectile dysfunction after surgery for cervical disk herniation. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Dec;74 Suppl 1:e89-91. doi: 10.1055/s-0032-1322521. Epub 2012 Aug 16. PMID: 22899229.

940: Heuer JF, Selke M, Crozier TA, Pelosi P, Herrmann P, Perske C, Quintel M. Effects of acute intracranial hypertension on extracerebral organs: a randomized experimental study in pigs. *J Neurol Surg A Cent Eur Neurosurg*. 2012 Sep;73(5):289-95. doi: 10.1055/s-0032-1304813. Epub 2012 Aug 16. PMID: 22899228.

941: Malik MU, Aberle JC, Flitsch J. CSF fistulas after transsphenoidal pituitary surgery—a solved problem? *J Neurol Surg A Cent Eur Neurosurg*. 2012 Sep;73(5):275-80. doi: 10.1055/s-0032-1304808. Epub 2012 Aug 16. PMID: 22899227.

942: Chowdhury F, Haque M, Kawsar K, Ara S, Mohammad Q, Sarker M, Goel A. Transcranial microsurgical and endoscopic endonasal cavernous sinus (CS) anatomy: a cadaveric study. *J Neurol Surg A Cent Eur Neurosurg*. 2012 Sep;73(5):296-306. doi: 10.1055/s-0032-1322519. Epub 2012 Aug 1. PMID: 22855321.

943: Ramina K, Ebner FH, Ernemann U, Tatagiba M. Surgery of cavernous hemangioma of the optic

nerve: case report and review. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Jul;74(4):265-70. doi: 10.1055/s-0032-1304806. Epub 2012 Aug 1. PMID: 22855320.

944: Koechlin NO, Burkhardt JK, Scherer M, Kraysenbühl N, Sarnthein J, Bernays RL, Bozinov O. Cerebrospinal fluid fistulas after planned intradural spine surgery: a single-center analysis of 91 cases. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Jul;74(4):216-21. doi: 10.1055/s-0032-1304809. Epub 2012 Aug 1. PMID: 22855319.

945: Chalouhi N, Campbell P, Makke Y, Yadla S, Dumont AS, Gonzalez LF, Tjoumakaris S, Albani B, Rosenwasser RH, Jabbour P. Treatment of complex intracranial aneurysms with a telescoping stent technique. *J Neurol Surg A Cent Eur Neurosurg*. 2012 Sep;73(5):281-8. doi: 10.1055/s-0032-1322589. Epub 2012 Aug 1. PMID: 22855318.

946: Chen JB, Sun H, Zhou LX, He M, Lei D. Successful endovascular treatment of carotid aneurysms in a patient with vascular Ehlers-Danlos syndrome. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Dec;74 Suppl 1:e85-8. doi: 10.1055/s-0032-1322591. Epub 2012 Jul 30. PMID: 22847070.

947: Yatomi K, Yamamoto M, Mitome-Mishima Y, Nonaka S, Yoshida K, Oishi H, Arai H. New experimental model of terminal aneurysms in Swine: technical note. *J Neurol Surg A Cent Eur Neurosurg*. 2012 Nov;73(6):397-400. doi: 10.1055/s-0032-1322592. Epub 2012 Jul 30. PMID: 22847069.

948: Lim AC, Cerra C, Pal P, Kearney T, Gnanalingham KK. Visual loss from a pituitary mass: collision tumors of prostatic metastasis and suprasellar meningioma. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Dec;74 Suppl 1:e81-4. doi: 10.1055/s-0032-1322522. Epub 2012 Jul 30. PMID: 22847068.

949: Giller C, Mehta S, Yanasak N, Jenkins P. Avoidance of electrode related MRI artifact during staged deep brain stimulator implantation. *J Neurol Surg A Cent Eur Neurosurg*. 2012 Sep;73(5):320-3. doi: 10.1055/s-0032-1322590. Epub 2012 Jul 30. PMID: 22847067.

950: Choudhry OJ, Choudhry A, Patel SK, Baisre A, Eloy JA, Liu JK. Giant suprasellar Rathke's cleft cyst mimicking craniopharyngioma: implications for a spectrum of cystic epithelial lesions of ectodermal origin. *J Neurol Surg A Cent Eur Neurosurg*. 2012 Sep;73(5):324-9. doi: 10.1055/s-0032-1304814. Epub 2012 Jul 30. PMID: 22847066.

951: Wang Q, Chen G. Endovascular treatment of bilateral multiple carotid- cavernous fistulas in a patient with Ehlers-Danlos syndrome. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Dec;74 Suppl 1:e41-4. doi: 10.1055/s-0032-1322595. Epub 2012 Jul 30. PMID: 22847065.

952: Clarke MJ, Foy AB, Garces YI, Link MJ. Prone positioning for successful gamma knife radiosurgical treatment of far anterior skull base lesions: a technical note. *J Neurol Surg A Cent Eur Neurosurg*. 2012 Aug;73(4):243-8. doi: 10.1055/s-0032-1304214. Epub 2012 May 10. PMID: 22825837.

953: Wang M, Zhou Y, Wang J, Zhang Z, Li C. A 10-year follow-up study on long- term clinical outcomes of lumbar microendoscopic discectomy. *J Neurol Surg A Cent Eur Neurosurg*. 2012 Aug;73(4):195-8. doi: 10.1055/s-0031-1297248. Epub 2012 May 3. PMID: 22825836.

954: Yoon SH, Jahng TA, Kim KJ, Chung CK, Kim HJ. An extensive intramedullary epidermoid cyst with a longstanding history of paraplegia: a case report. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Dec;74 Suppl 1:e1-3. doi: 10.1055/s-0032-1304221. Epub 2012 Jul 9. PMID: 22777928.

955: Mariniello G, Briganti F, De Caro ML, Maiuri F. Cervical extradural "en- plaque" meningioma. *J Neurol Surg A Cent Eur Neurosurg*. 2012 Sep;73(5):330-3. doi: 10.1055/s-0032-1304222. Epub 2012

Jul 9. PMID: 22777927.

956: Wachter D, Kallenberg K, Wrede A, Schulz-Schaeffer W, Behm T, Rohde V. Fluorescence-guided operation in Glioblastoma recurrence multiforme treated with bevacizumab-fluorescence of the noncontrast enhancing tumor tissue? *J Neurol Surg A Cent Eur Neurosurg*. 2012 Nov;73(6):401-6. doi: 10.1055/s-0032-1304810. Epub 2012 Jul 9. PMID: 22777926.

957: Neidert MC, Woernle CM, Burkhardt JK, Reimann R, Hug E, Bernays RL. Case report: Trabecular juvenile ossifying fibroma presenting as a sellar mass. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Nov;74(6):405-9. doi: 10.1055/s-0032-1304219. Epub 2012 Jul 9. PMID: 22777925.

958: Linsenmann T, Monoranu CM, Westermaier T, Varallyay C, Ernestus RI, Vince GH. Exophytic glioblastoma arising from the cerebellum: case report and critical review of the literature. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Jul;74(4):262-4. doi: 10.1055/s-0032-1304218. Epub 2012 Jul 9. PMID: 22777924.

959: Seo WK, Koh SB, Choi CW, Seol HY. Endovascular management of symptomatic carotid artery stenosis in a patient with thrombocytopenia. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Dec;74 Suppl 1:e62-5. doi: 10.1055/s-0032-1315795. Epub 2012 Jul 9. PMID: 22777923.

960: Buchalla R, Hopf-Jensen S, Rubarth O, Börm W. Frameless navigated biopsy with the BrainLAB® VarioGuide system: a technical note. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Sep;74(5):321-4. doi: 10.1055/s-0032-1315790. Epub 2012 Jul 7. PMID: 22773440.

961: Altay T. Management of arteriovenous malformations related to Spetzler- Martin grading system. *J Neurol Surg A Cent Eur Neurosurg*. 2012 Sep;73(5):307-19. doi: 10.1055/s-0032-1315791. Epub 2012 Jul 7. PMID: 22773439.

962: Yamane F, Ishihara S, Kohyama S, Kanazawa R, Ishihara H, Suzuki M, Araki R, Suzuki H, Satoh A. Local thrombus formation at the coil-parent artery interface during endovascular coil embolization of cerebral aneurysms. *J Neurol Surg A Cent Eur Neurosurg*. 2012 Nov;73(6):358-68. doi: 10.1055/s-0032-1315794. Epub 2012 Jul 5. PMID: 22767212.

963: Caruso R, Artico M, Colonnese C, Marrocco L, Wierzbicki V. Supratentorial endodermal cysts: review of literature and case report. *J Neurol Surg A Cent Eur Neurosurg*. 2013 Nov;74(6):378-87. doi: 10.1055/s-0032-1304812. Epub 2012 Jun 14. PMID: 22700451.

964: Ozkan N, Sandalcioğlu IE, Petr O, Kurniawan A, Dammann P, Schlamann M, Sure U, Asgari S. Minimally invasive transpedicular dorsal stabilization of the thoracolumbar and lumbar spine using the minimal access non-traumatic insertion system (MANTIS): preliminary clinical results in 52 patients. *J Neurol Surg A Cent Eur Neurosurg*. 2012 Nov;73(6):369-76. doi: 10.1055/s-0032-1304816. Epub 2012 Jun 13. PMID: 22696267.

965: Firsching R, Piek J, Skalej M, Rohde V, Schmidt U, Striggow F; KN38-7271 Study Group. Early survival of comatose patients after severe traumatic brain injury with the dual cannabinoid CB1/CB2 receptor agonist KN38-7271: a randomized, double-blind, placebo-controlled phase II trial. *J Neurol Surg A Cent Eur Neurosurg*. 2012 Aug;73(4):204-16. doi: 10.1055/s-0032-1304815. Epub 2012 Jun 13. PMID: 22696266.

966: El Hassani Y, Narata AP, Pereira VM, Schaller C. A reminder for a very rare entity: massive tongue swelling after posterior fossa surgery. *J Neurol Surg A Cent Eur Neurosurg*. 2012 May;73(3):171-4. doi: 10.1055/s-0032-1304220. Epub 2012 May 9. PMID: 22628082.

- 967: Rohlf AK, Burger R, Viebahn C, Held P, Woenckhaus M, Römer FW, Strutz J. Uncommon lesions in the internal auditory canal (IAC): review of the literature and case report. *J Neurol Surg A Cent Eur Neurosurg*. 2012 May;73(3):160-6. doi: 10.1055/s-0032-1304211. Epub 2012 Apr 30. PMID: 22628081.
- 968: Cho KT, Kim DG, Paek SH, Chung HT, Jung HW, Park HW. Concurrent treatment with BCNU and Gamma Knife radiosurgery in the rat malignant glioma model. *J Neurol Surg A Cent Eur Neurosurg*. 2012 May;73(3):132-41. doi: 10.1055/s-0032-1304216. Epub 2012 Apr 30. PMID: 22628080.
- 969: Wachter D, Psychogios M, Gilsbach JM, Rohde V. Spinal cord cavernoma- operative strategy and results in 30 patients. *J Neurol Surg A Cent Eur Neurosurg*. 2012 May;73(3):125-31. doi: 10.1055/s-0032-1304811. Epub 2012 Apr 30. PMID: 22628079.
- 970: Preiss M, Netuka D, Koblihova J, Bernardova L, Charvat F, Kratochvilova D, Benes V. Quality of life 1 year after aneurysmal subarachnoid hemorrhage in good outcome patients treated by clipping or coiling. *J Neurol Surg A Cent Eur Neurosurg*. 2012 Aug;73(4):217-23. doi: 10.1055/s-0032-1304215. Epub 2012 May 14. PMID: 22585565.
- 971: Harati A, Mpotsaris A, Lohmann F, Loehr C, Weber W, Puchner MJ. Strategies in the treatment of distal cerebellar aneurysms: report of a series of 11 patients. *J Neurol Surg A Cent Eur Neurosurg*. 2012 Sep;73(5):267-74. doi: 10.1055/s-0032-1304213. Epub 2012 May 14. PMID: 22585564.
- 972: Kaltsikis I, Chourmouzi D, Drevelegas K, Potsi S, Moumtzouoglou A, Drevelegas A. Core needle biopsy of spinal lesions under CT guidance: review of 79 cases. *J Neurol Surg A Cent Eur Neurosurg*. 2012 Aug;73(4):199-203. doi: 10.1055/s-0032-1304217. Epub 2012 May 14. PMID: 22585563.
- 973: Kuhnt D, Coras R, Eyupoglu IY, Struffert T, Schellinger PD, Buchfelder M, Nimsky C. Herpes simplex encephalitis after neurosurgical operations: report of 2 cases and review of the literature. *J Neurol Surg A Cent Eur Neurosurg*. 2012 Mar;73(2):116-22. doi: 10.1055/s-0032-1309062. Epub 2012 Mar 30. PMID: 22467488.
- 974: Richter H, Hildebrandt G, Heilbronner R. Intradural perineural spread of mesothelioma causing myelopathy by tethering of the spinal cord. *J Neurol Surg A Cent Eur Neurosurg*. 2012 Mar;73(2):111-5. doi: 10.1055/s-0032-1309065. Epub 2012 Mar 30. PMID: 22467487.
- 975: Floeth F, Turowski B, Herdmann J. Partial corpectomy and open vertebroplasty via an anterolateral approach for metastatic destruction of the axis. *J Neurol Surg A Cent Eur Neurosurg*. 2012 Mar;73(2):106-10. doi: 10.1055/s-0032-1309066. Epub 2012 Mar 30. PMID: 22467486.
- 976: Rapp M, Klingenhöfer M, Felsberg J, Steiger HJ, Stummer W, Sabel M. Fluorescence-guided resection of spinal metastases of malignant glioma: report of 2 cases. *J Neurol Surg A Cent Eur Neurosurg*. 2012 Mar;73(2):103-5. doi: 10.1055/s-0032-1309068. Epub 2012 Mar 30. PMID: 22467485.
- 977: Platz R, Romeike BF, Pandey DK, Kalff R, Reichart R. Erdheim-Chester disease-a rare differential diagnosis of eosinophilic granuloma: a case report. *J Neurol Surg A Cent Eur Neurosurg*. 2012 Mar;73(2):99-102. doi: 10.1055/s-0032-1309069. Epub 2012 Mar 30. PMID: 22467484.
- 978: Zur B, Eichhorn L, Albers E, Stoffel-Wagner B. Evaluation of 2 hematology analyzers in body fluid mode versus flow cytometry immunophenotyping of mainly neurosurgical cerebrospinal fluid samples. *J Neurol Surg A Cent Eur Neurosurg*. 2012 Mar;73(2):93-8. doi: 10.1055/s-0032-1309067. Epub 2012 Mar 30. PMID: 22467483.
- 979: Tessitore E, Schatlo B, Schaller C, Schonauer C. Fibrillary structure is key for hemostasis: a similar effect of collagen fleece and oxidized cellulose on experimental hemorrhagic brain injury. *J*

Neurol Surg A Cent Eur Neurosurg. 2012 Mar;73(2):89-92. doi: 10.1055/s-0032-1309064. Epub 2012 Mar 30. PMID: 22467482.

980: Li QY, Xu WL, Zhang Y, Lu PS, Yuan ZC, Zhan LP, Wang P, Lu XY, Cheng B. Intravascular infusion of lidocaine: a novel way to relieve sudden internal carotid artery occlusion in embolization of intracranial aneurysms. J Neurol Surg A Cent Eur Neurosurg. 2012 Mar;73(2):84-8. doi: 10.1055/s-0032-1309063. Epub 2012 Mar 30. PMID: 22467481.

981: König SA, Spetzger U. Surgical strategies for supra- and infratentorially grown occipital meningeomas. J Neurol Surg A Cent Eur Neurosurg. 2012 Mar;73(2):79-83. doi: 10.1055/s-0032-1309061. Epub 2012 Mar 30. PMID: 22467480.

982: Sæther CA, Torsteinsen M, Torp SH, Sundstrøm S, Unsgård G, Solheim O. Did survival improve after the implementation of intraoperative neuronavigation and 3D ultrasound in glioblastoma surgery? A retrospective analysis of 192 primary operations. J Neurol Surg A Cent Eur Neurosurg. 2012 Mar;73(2):73-8. doi: 10.1055/s-0031-1297247. Epub 2012 Mar 30. PMID: 22467479.

983: Kaulhausen T, Siewe J, Eysel P, Knifka J, Notermans HP, Koebke J, Sobottke R. The role of the inter-/supraspinous ligament complex in stand-alone interspinous process devices: a biomechanical and anatomic study. J Neurol Surg A Cent Eur Neurosurg. 2012 Mar;73(2):65-72. doi: 10.1055/s-0031-1297250. Epub 2012 Mar 30. PMID: 22467478.

984: Herbst A, Mueller-Vogt U, Brawanski A, Proescholdt M, Riemenschneider MJ, Schebesch KM. WHO grade III anaplastic meningioma metastasizing to the parotid gland and the lungs: case report and review of the literature. J Neurol Surg A Cent Eur Neurosurg. 2013 May;74(3):197-202. doi: 10.1055/s-0032-1313722. Epub 2012 Aug 1. PMID: 22311431.

985: Kamp MA, Tahsim-Oglou Y, Steiger HJ, Hänggi D. Traumatic brain injuries in the ancient Egypt: insights from the Edwin Smith Papyrus. J Neurol Surg A Cent Eur Neurosurg. 2012 Aug;73(4):230-7. doi: 10.1055/s-0032-1313635. Epub 2012 May 3. PMID: 22271381.

986: Cemil B, Kurt G, Erdogan B, Dogulu F, Tun K, Kirar F, Celtikci E, Ceviker N. Does the third cervical vertebra need to be rimmed for odontoid screwing? A hypothetical study of anatomic landmarks. J Neurol Surg A Cent Eur Neurosurg. 2012 May;73(3):142-6. doi: 10.1055/s-0032-1313721. Epub 2012 May 3. PMID: 22271380.

987: Fleissig K, Hattingen J, Wilkens L, Förster C, Gaab MR, Burger R. Spontaneous umbilical cerebrospinal fluid fistula due to transdermal dislocation of the ventriculoperitoneal distal shunt ending—a case report. J Neurol Surg A Cent Eur Neurosurg. 2013 Jan;74(1):64-7. doi: 10.1055/s-0032-1313643. Epub 2012 Aug 1. PMID: 22249856.

988: Nestler U, Schulz D, Wanis FA, Zuehlke C, Schaenzer A, Christophis P. Recurrent giant cell glioblastoma with the neuroradiologic picture of multiple meningiomas. J Neurol Surg A Cent Eur Neurosurg. 2013 Mar;74(2):116-9. doi: 10.1055/s-0032-1313637. Epub 2012 Aug 1. PMID: 22241593.

989: Scheller C, Vogel AS, Simmermacher S, Rachinger JC, Prell J, Strauss C, Reinsch M, Kunter U, Wienke A, Neumann J, Scheller K. Prophylactic intravenous nimodipine treatment in skull base surgery: pharmacokinetic aspects. J Neurol Surg A Cent Eur Neurosurg. 2012 May;73(3):153-9. doi: 10.1055/s-0032-1313724. Epub 2012 May 3. PMID: 22241592.

990: Weinzierl MR, Krings T, Ocklenburg C, Korinth MC. Value of cine phase contrast magnetic resonance imaging to predict obstructive hydrocephalus. J Neurol Surg A Cent Eur Neurosurg. 2012

Jan;73(1):18-24. doi: 10.1055/s-0031-1287773. Epub 2012 Feb 6. PMID: 25469941.

991: Welcome to the journal of neurological surgery! J Neurol Surg A Cent Eur Neurosurg. 2012 Jan;73(1):1-2. doi: 10.1055/s-0032-1302438. Epub 2012 Feb 6. PMID: 25469939.

992: Porto L, Hattingen E, Stuecher A, Herminghaus S, Lanfermann H, Ulrich Pilatus UP. Cutoff value of choline concentration reliably reveals high-grade brain tumors among other contrast-enhancing brain lesions. J Neurol Surg A Cent Eur Neurosurg. 2012 May;73(3):147-52. doi: 10.1055/s-0032-1313723. Epub 2012 May 3. PMID: 22190143.

993: Freimann FB, Kroppenstedt S, Vajkoczy P, Sprung C. Intracranial hypertension and the importance of cerebral venous drainage variability: a case report of headache as the initial clinical presentation of an intraspinal paraganglioma. J Neurol Surg A Cent Eur Neurosurg. 2013 Mar;74(2):124-7. doi: 10.1055/s-0032-1313719. Epub 2012 Aug 1. PMID: 22147276.

994: Hejčl A, Bolcha M, Procházka J, Hušková E, Sameš M. Elevated intracranial pressure, low cerebral perfusion pressure, and impaired brain metabolism correlate with fatal outcome after severe brain injury. J Neurol Surg A Cent Eur Neurosurg. 2012 Jan;73(1):10-7. doi: 10.1055/s-0032-1304500. Epub 2012 Feb 6. PMID: 22105660.

995: Reichart R, Vogel I, Weiss T, Hennig S, Walter J, Kalff R. Short Psychological Intervention as a Perioperative Pain Reduction Treatment in Spinal Neurosurgery. J Neurol Surg A Cent Eur Neurosurg. 2011 Nov;73(6):387-396. doi: 10.1055/s-0032-1313642. Epub 2011 Nov 16. PMID: 22089982.

996: Alfieri A, Simmermacher S, Prell J, Strauss C, Scheller C. Epidermoid tumor of the cerebellopontine angle presenting with selective sudden hearing loss. Intraoperative evidence of a pearl tumor infiltrating and compressing the cochlear nerve. J Neurol Surg A Cent Eur Neurosurg. 2012 Jan;73(1):56-8. doi: 10.1055/s-0032-1304507. Epub 2012 Feb 6. PMID: 22076839.

997: Reithmeier T, Rottenburger C, Doostkam S, Pinsker MO, Trippel M, Bosche B, Weber W, Prinz M, Nikkhah G. Treatment of progressive brain stem glioma with bevacizumab: radiological, metabolic and histopathological aspects. J Neurol Surg A Cent Eur Neurosurg. 2012 May;73(3):187-91. doi: 10.1055/s-0032-1313633. Epub 2012 May 24. PMID: 22048887.

998: Stengler K, Zieger M, Lupp M, Meisel HJ, Günther L, Meixensberger J, Toussaint R, Angermeyer MC, König HH, Riedel-Heller SG. The impact of psychiatric comorbidity on quality of life in patients undergoing herniated disc surgery. J Neurol Surg A Cent Eur Neurosurg. 2012 Jan;73(1):29-37. doi: 10.1055/s-0032-1304502. Epub 2012 Feb 6. PMID: 21975606.

999: Scheller C, Rachinger JC, Prell J, Alfieri A, Rampp S, Sel S, Scheller K, Strauss C. Intraorbital oculomotor nerve schwannoma affecting only the parasympathetic fibers. J Neurol Surg A Cent Eur Neurosurg. 2013 Mar;74(2):120-3. doi: 10.1055/s-0032-1313641. Epub 2012 Aug 1. PMID: 21960025.

1000: Piek J, Weber C, Kundt G, Tronnier V, Spuck S, Hirdes C, Kehler U, Ditges C. Pharmacoeconomical consequences of postoperative Cerebrospinal fluid fistulas after intracranial surgery—a prospective analysis. J Neurol Surg A Cent Eur Neurosurg. 2012 Jan;73(1):25-8. doi: 10.1055/s-0032-1304501. Epub 2012 Feb 6. PMID: 21932184.

1001: Lavrnjic S, Macvanski M, Ristic-Balos D, Gavrilov M, Damjanovic D, Gavrilovic S, Milicevic M, Skender-Gazibara M, Stosic-Opincal T. Papillary glioneuronal tumor: unexplored entity. J Neurol Surg A Cent Eur Neurosurg. 2012 Aug;73(4):224-9. doi: 10.1055/s-0032-1313636. Epub 2012 May 3. PMID: 21842459.

1002: König SA, Roediger T, Spetzger U. Treatment of recurrent primary spinal glioblastoma multiforme—case report. *J Neurol Surg A Cent Eur Neurosurg.* 2012 Aug;73(4):256-61. doi: 10.1055/s-0032-1313634. Epub 2012 Jul 23. PMID: 21842458.

1003: Hessler C, Madert J, Heese O. Correlation between the severity of neurological deficits in patients with symptomatic spinal metastases and short-term postoperative functional neurological improvements. *J Neurol Surg A Cent Eur Neurosurg.* 2012 Jan;73(1):5-9. doi: 10.1055/s-0032-1304499. Epub 2012 Feb 6. PMID: 21842457.

1004: Struckmeyer I, Hussein K, Hussein S. Lateral transcanthal-microsurgical resection of a nontraumatic intraorbital ophthalmic artery aneurysm. *J Neurol Surg A Cent Eur Neurosurg.* 2012 May;73(3):180-6. doi: 10.1055/s-0032-1313631. Epub 2012 May 24. PMID: 21837587.

1005: Abuzayed B, Aydin S, Bozkus S, Keles E, Karaaslan E, Sarioglu AC. Traumatic carotid artery dissection and bilateral vertebral artery occlusion after a horse attack: an unusual combination and etiology. *J Neurol Surg A Cent Eur Neurosurg.* 2012 Jan;73(1):53-5. doi: 10.1055/s-0032-1304506. Epub 2012 Feb 6. PMID: 21830193.

1006: Ditz C, Nowak G, Koch C, Merz H, Tronnier V. Atypical choroid plexus papilloma in a newborn: prenatal diagnosis, preoperative tumor embolization, and resection. *J Neurol Surg A Cent Eur Neurosurg.* 2013 Jan;74(1):59-63. doi: 10.1055/s-0032-1313639. Epub 2012 Aug 1. PMID: 21830192.

1007: Jhawar SS, Nadkarni T, Goel A. Meckel's cave neurenteric cyst: case report. *J Neurol Surg A Cent Eur Neurosurg.* 2012 Nov;73(6):413-5. doi: 10.1055/s-0032-1313595. Epub 2012 Aug 1. PMID: 21830191.

1008: Arnold H, Collmann H. Neurosurgery in Würzburg until World War II. *J Neurol Surg A Cent Eur Neurosurg.* 2012 Jan;73(1):38-45. doi: 10.1055/s-0032-1304503. Epub 2012 Feb 6. PMID: 21786222.

1009: Cho WS, Kang HS, Kim JE. Delayed oculomotor palsy from focal brainstem ischemia in a patient with a head injury. *J Neurol Surg A Cent Eur Neurosurg.* 2012 Sep;73(5):334-6. doi: 10.1055/s-0032-1313720. Epub 2012 Aug 1. PMID: 21776583.

1010: Naydenov E, Marinov M, Nachev S. Two different primary brain tumors, glioblastoma multiforme and pituitary neuroendocrine tumor, in association with colorectal carcinoma: an unusual case of nonfamilial Turcot's syndrome? *J Neurol Surg A Cent Eur Neurosurg.* 2012 Nov;73(6):410-2. doi: 10.1055/s-0032-1313638. Epub 2012 Aug 1. PMID: 21735373.

1011: Stockhammer F, Prall F, Dunkelmann S, Plotkin M, Piek J. Stereotactic biopsy of a cerebral capillary telangiectasia after a misleading F-18-FET-PET. *J Neurol Surg A Cent Eur Neurosurg.* 2012 Nov;73(6):407-9. doi: 10.1055/s-0032-1313640. Epub 2012 Aug 1. PMID: 21735372.

1012: Oukabli M, Elmostarchid B, Akhaddar A, Ennouali E, Zoubir Y, Belhachmi A, Boucetta M, Abderrahmane A. Concomitant intramedullary pilocytic astrocytoma and conus medullaris myxopapillary ependymoma: a case report. *J Neurol Surg A Cent Eur Neurosurg.* 2013 Mar;74(2):113-5. doi: 10.1055/s-0032-1313594. Epub 2012 Aug 1. PMID: 21688235.

1013: Stavrinou LC, Boviatsis EJ, Stathis P, Leonardos A, Panourias IG, Sakas DE. Sustained relief after discontinuation of DBS for dystonia: implications for the possible role of synaptic plasticity and cortical reorganization. *J Neurol Surg A Cent Eur Neurosurg.* 2012 May;73(3):175-8; discussion 178-9. doi: 10.1055/s-0032-1313590. Epub 2012 May 24. PMID: 21630190.

- 1014: Gizewski ER, Göricke SL, Özkan N, Grams AE, Ladd ME, Sure U, Forsting M. Complete endovascular occlusion of a cranial dural fistula using a venous "to the point" approach. *J Neurol Surg A Cent Eur Neurosurg*. 2012 May;73(3):167-70. doi: 10.1055/s-0032-1313591. Epub 2012 May 3. PMID: 21538291.
- 1015: Sameš M, Orlický M, Vachata P, Hejcl A. P Com-P1 aneurysm formation in a patient with bilateral internal carotid occlusion. *J Neurol Surg A Cent Eur Neurosurg*. 2012 Jan;73(1):59-61. doi: 10.1055/s-0031-1304508. PMID: 21476187.
- 1016: Rebai RM, Houissa S, Mustapha ME, Azzouni H, Assaggaf S. Akinetic mutism and parkinsonism after multiple shunt failure: case report and literature review. *J Neurol Surg A Cent Eur Neurosurg*. 2012 Sep;73(5):341-6. doi: 10.1055/s-0032-1313632. Epub 2012 Aug 1. PMID: 21445822.
- 1017: Dua R, Jain R, Momin M. Giant congenital melanocytic nevus with choroid plexus papilloma: case report and review of literature. *J Neurol Surg A Cent Eur Neurosurg*. 2012 Sep;73(5):337-40. doi: 10.1055/s-0032-1313593. Epub 2012 Aug 1. PMID: 21344363.
- 1018: Naydenov E, Tzekov C, Minkin K, Nachev S. Malignant progression of anaplastic supratentorial ganglioglioma into glioblastoma multiforme in a patient with turner syndrome. *J Neurol Surg A Cent Eur Neurosurg*. 2012 Aug;73(4):253-5. doi: 10.1055/s-0032-1313592. Epub 2012 Jul 23. PMID: 21170828.
- 1019: Taussky P, Kalra R, Couldwell WT. Delayed vasospasm after removal of a skull base meningioma. *J Neurol Surg A Cent Eur Neurosurg*. 2012 Aug;73(4):249-52. doi: 10.1055/s-0032-1313589. Epub 2012 Jul 23. PMID: 21104584.
- 1020: Potsi M, Stavrinou P, Patsinakidis N, Hatzibougias D, Foroglou N, Karayanopoulou G, Kalogera-Founzila A. Primary osseous leiomyosarcoma of the spine: a rare entity-case report and review of the literature. *J Neurol Surg A Cent Eur Neurosurg*. 2012 Aug;73(4):238-42. doi: 10.1055/s-0032-1313588. Epub 2012 May 3. PMID: 20665430.
- 1021: Shah MJ, Sircar R, Linder-Luch M, Böhm J, Velthoven-Wurster Vv, Velthoven- Wurster Vv. Anaplastic posterior fossa ganglioglioma in a child: case report and short review of the literature. *J Neurol Surg A Cent Eur Neurosurg*. 2012 Jan;73(1):46-9. doi: 10.1055/s-0032-1304504. Epub 2012 Feb 6. PMID: 20496310.
- 1022: Cordier D, Zimmerer SM, Frank S, Palmowski-Wolfe A, Mariani L. Intracranial inflammatory pseudotumor as a rare but pivotal differential diagnosis of neoplastic tumors. *J Neurol Surg A Cent Eur Neurosurg*. 2012 Jan;73(1):50-2. doi: 10.1055/s-0032-1304505. Epub 2012 Feb 6. PMID: 20401829.

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