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## **Verzeichnis der Publikationen**

### **I. PUBLIKATIONEN**

#### **1. Originalarbeiten**

- 1.** A. Kramer, H. Schroeder, B. Rödel, H. Schubel, V. Adrian, St. Koch und W. Weuffen: Stimulierung der humoralen Immunantwort beim mit S.-paratyphi-B-O-Antigen immunierten splenektomierten Meerschweinchen. **Wiss. Z. Ernst-Moritz-Arndt-Univ. Greifswald, Med. Reihe, 36** (1987) 3-4, S. 56-58
- 2.** H.W. S. Schroeder: Einfluß von Natriumthiocyanat auf die humorale Immunantwort beim splenektomierten Meerschweinchen, Dissertation, 1989, Universität Greifswald
- 3.** M. R. Gaab und H.W. S. Schroeder: Neuroendoskopie bei raumfordernden Ventrikelprozessen. **Med Bild 3** (1996) 7-15
- 4.** H. W. S. Schroeder and M. R. Gaab: Endoscopic neurosurgery. **Crit Rev Neurosurg 6** (1996) 241-247
- 5.** H. W. S. Schroeder, M. R. Gaab, and W.-R. Niendorf: Neuroendoscopic approach to arachnoid cysts. **J Neurosurg 85** (1996) 293-298
- 6.** W. Wagner, W. Tschiltschke, W.-R. Niendorf, H. W. S. Schroeder, and M. R. Gaab: Infra-red based neuronavigation and cortical motor stimulation in the management of central-region tumors. **Stereotact Funct Neurosurg 68** (1997) 112-116
- 7.** M. R. Gaab und H. W. S. Schroeder: Neuroendoskopie und endoskopische Neurochirurgie. **Nervenarzt 68** (1997) 459-465
- 8.** M. R. Gaab and H. W. S. Schroeder: Neuroendoscopic approach to intraventricular lesions. **J Neurosurg 88** (1998) 496-505
- 9.** H. W. S. Schroeder and M. R. Gaab: Intracranial endoscopy. **Neurosurg Focus 6** (1999) Article 1

10. M. R. Gaab and H. W. S. Schroeder: Neuroendoscopic approach to intraventricular lesions. **Neurosurg Focus** **6** (1999) Article 5
11. H. W. S. Schroeder and M. R. Gaab: Endoscopic aqueductoplasty - Technique and results. **Neurosurgery** **45** (1999) 508-518
12. M. R. Gaab and H. W. S. Schroeder: Computer-assisted neuroendoscopic surgery for intraventricular tumors and cystic intracranial lesions. **Proceedings of the 3rd Annual Meeting of Japanese Society for Brain Tumor Surgery** (1999) 223-229
13. W. Wagner, M. R. Gaab, H. W. S. Schroeder, U. Sehl, and W. Tschiltschke: Experiences with cranial neuronavigation in pediatric neurosurgery. **Pediatr Neurosurg** **31** (1999) 231-236
14. H. W. S. Schroeder, C. Schweim, K.-H. Schweim, and M. R. Gaab: Analysis of aqueductal cerebrospinal fluid flow after endoscopic aqueductoplasty using cine phase-contrast magnetic resonance imaging. **J Neurosurg** **93** (2000) 237-244
15. W. Wagner, M. R. Gaab, H. W. S. Schroeder, and W. Tschiltschke: Cranial neuronavigation in neurosurgery: assessment of usefulness in relation to type and site of pathology in 284 patients. **Minim Invas Neurosurg** **43** (2000) 124-131
16. A. Korenkov, J. Pahnke, K. Frei, R. Warzok, H. W. S. Schroeder, R. Frick, L. Muljana, J. Piek, Y. Yonekawa, and M. R. Gaab: Treatment with nimodipine or mannitol reduces programmed cell death and infarct size following focal cerebral ischemia. **Neurosurg Rev** **23** (2000) 145-150
17. W. Wagner, M. R. Gaab, H. W. S. Schroeder, J. Piek, W. R. Niendorf: Neuronavigation in Der Zentralregion: Bedeutung für einzelne Operationsphasen bei verschiedenen Prozesslokalisationen. **Zentralbl Neurochir** **61** (2000) 188-193
18. H. W. S. Schroeder, W. Wagner, W. Tschiltschke, and M. R. Gaab: Frameless neuronavigation in intracranial endoscopic neurosurgery. **J Neurosurg** **94** (2001) 72-79
19. H. W. S. Schroeder, W.-R. Niendorf, and M. R. Gaab: Complications of endoscopic third ventriculostomy. **J Neurosurg** **96** (2002) 1032-1040
20. H. W. S. Schroeder and M. R. Gaab: Endoscopic resection of colloid cysts. **Neurosurgery** **51** (2002) 1441-1445
21. J. Oertel, M. R. Gaab, D.-T. Pillich, H. W. S. Schroeder, R. Warzok, and J. Piek: Comparison of waterjet dissection and ultrasonic aspiration: in vivo study in the rabbit brain. **J Neurosurg** **100** (2004) 498-504
22. J. Oertel, M. R. Gaab, T. Schiller, H. W. S. Schroeder, R. Warzok, and J. Piek: Towards waterjet dissection in neurosurgery: Experimental in-vivo results with two different nozzle types. **Acta Neurochir** **146** (2004) 713-720

23. H. W. S. Schroeder, J. Oertel and M. R. Gaab: Endoscope-assisted microsurgical resection of epidermoid tumors of the cerebellopontine angle. **J Neurosurg** **101** (2004) 227-232
24. J. Oertel, M. R. Gaab, U. Runge, H. W. S. Schroeder, W. Wagner, and J. Piek: Neuro-navigation and complication rate in epilepsy surgery. **Neurosurg Rev** **27** (2004) 214-217
25. J. Oertel, W.-R. Niendorf, N. Darwish, H. W. S. Schroeder, and M. R. Gaab: Limitations of dorsal transpedicular stabilization in unstable thoracolumbal spine fracture: An analysis of 133 patients. **Acta Neurochir** **146** (2004) 771-777
26. H. W. S. Schroeder, J. Oertel, and M. R. Gaab: Endoscopic aqueductoplasty in the treatment of aqueductal stenosis. **Child's Nerv Syst** **20** (2004) 821-827
27. H. W. S. Schroeder, J. Oertel and M. R. Gaab: Incidence of complications in neuroendoscopic surgery. **Child's Nerv Syst** **20** (2004) 878-883
28. J. Oertel, W. Wagner, J. Piek, H.W.S. Schroeder, and M. R. Gaab: Waterjet dissection of gliomas - Experience with 51 procedures. **Minim Invas Neurosurg** **47** (2004) 154-159
29. J. Oertel, E. von Butlar, H. W. S. Schroeder, and M. R. Gaab: Prognosis of gliomas in the 1970s and today. **Neurosurg Focus** **18** (2005) E12
30. J. Oertel, M. R. Gaab, U. Runge, H. W. S. Schroeder, and J. Piek: Waterjet dissection versus ultrasonic aspiration in epilepsy surgery. **Neurosurgery** **56 (1 Suppl)** 2005 142-146
31. Hosemann W, Schroeder HW, Kaduk W, Augst D, Friedrich J: Interdisziplinäres Management von Mittelgesichtsverletzungen, **HNO** **53** (2005) 479-500
32. A. I. Weike, A. O. Hamm, H. T. Schupp, U. Runge, H. W. S. Schroeder, C. Kessler: Fear conditioned following unilateral temporal lobectomy: dissociation of conditioned startle potentiation and autonomic learning. **J Neurosci** **25** (2005) 11117-11124
33. J. Oertel, H. W. S. Schroeder, M. R. Gaab: Third ventriculostomy for treatment of Hydrocephalus: results of 271 procedures. **Neurosurg Q** **16** 2006 24-31
34. J. Oertel, H. W. S. Schroeder, M. R. Gaab: Dual-portal endoscopic release of the transverse ligament in carpal tunnel syndrome: results of 411 procedures with special reference to technique, efficacy, and complications. **Neurosurgery** **59** 2006 333-340
35. J. Baldauf, J. Oertel, M. R. Gaab, H. W. S. Schroeder: Endoscopic third ventriculostomy for occlusive hydrocephalus caused by cerebellar infarction. **Neurosurgery** **59** (2006) 539-44
36. H. W. S. Schroeder, J. Oertel, and M. R. Gaab: Endoscopic treatment of cerebrospinal fluid pathway obstructions. **Neurosurgery** **60 (ONS Suppl 1)** (2007) ONS-44 – ONS-52
37. P. Cappabianca, P. Decq, and H. W. S. Schroeder: Future of endoscopy in neurosurgery. **Surg Neurol** **67** (2007) 496-498

- 38.** J. Baldauf, J. Oertel, M. R. Gaab, H. W. S. Schroeder: Endoscopic third ventriculostomy in children younger than 2 years of age. **Child's Nerv Syst** **23** (2007) 623-626
- 39.** K.D.M. Resch and H. W. S. Schroeder: Use of highend ultrasound in minimally invasive strategy of neurosurgery: Review of 1048 cases. **Proceedings of the 13<sup>th</sup> European Congress of Neurosurgery** (2007) 367-378
- 40.** K.D.M. Resch and H. W. S. Schroeder: Endoneurosonography: technique and equipment, anatomy and imaging, and clinical application. **Neurosurgery** **61** (2007) 146-160
- 41.** W.K. Guerra, J. Baldauf, and H. W. S. Schroeder: Long-term results after microsurgical repair of traumatic nerve lesions of the upper extremities. **Zbl Neurochir** **68** (2007) 195-199
- 42.** H. W. S. Schroeder: A new multipurpose ventriculoscope. **Neurosurgery** **62** (2008) 489-492
- 43.** J. Baldauf,, J.-U. Müller, S. Fleck, P. Hinz, A. Chiriac, and H. W. S. Schroeder: The value of intraoperative three dimensional fluoroscopy in anterior decompressive surgery of the cervical spine. **Zbl Neurochir** **69** (2008) 30-34
- 44.** W.K. Guerra und H. W. S. Schroeder: Iatogene Nervenläsionen der oberen Extremität – Häufigkeit und Ergebnisse der Mikrochirurgischen Therapie. **Akt Neurol** **35** (2008) 280-284
- 45.** Mosyagin I, Runge U, Schroeder HWS, Dazert E, Vogelgesang S, Siegmund W, Warzok RW, Cascorbi I: Association of ABCB1 genetic variants 3435C>T and 2677G>T to ABCB1 mRNA and protein expression in brain tissue from refractory epilepsy patients. **Epilepsia** **49** (2008) 1555-1561
- 46.** Cappabianca, Paolo M.D.; Cinalli, Giuseppe M.D.; Gangemi, Michelangelo M.D.; Brunori, Andrea M.D.; Cavallo, Luigi M. M.D., Ph.D.; de Divitiis, Enrico M.D.; Decq, Philippe M.D.; Delitala, Alberto M.D.; Di Rocco, Federico M.D.; Frazee, John M.D.; Godano, Umberto M.D.; Grotenhuis, Andre M.D.; Longatti, Pierluigi M.D.; Mascari, Carmelo M.D.; Nishihara, Tetsuhiro M.D.; Oi, Shizuo M.D.; Rekate, Harold M.D.; Schroeder, Henry W.S. M.D., Ph.D.; Souweidane, Mark M. M.D.; Spennato, Pietro M.D.; Tamburini, Gianpiero M.D.; Teo, Charles M.D.; Warf, Benjamin M.D.; Zymberg, Samuel Tau M.D.: APPLICATION OF NEUROENDOSCOPY TO INTRAVENTRICULAR LESIONS. **Neurosurgery. Surgery of the Human Cerebrum, Part 2.** **62** Supplement 2:SHC-575-SHC-598, February 2008.
- 47.** J. Oertel, J. Baldauf, H. W. S. Schroeder, M. R. Gaab: Endoscopic cystoventriculostomy for treatment of paraxial arachnoid cysts. **J Neurosurg** **110** (2009) 792-799.
- 48.** D. Keiner, M. R. Gaab, H. W. S. Schroeder, J. Oertel: Long-term follow-up of dual-portal endoscopic release of the transverse ligament in carpal tunnel syndrome: an analysis of 94 cases. **Neurosurgery** **64** (2009)131-138
- 49.** J. Oertel, J. Baldauf, H. W. S. Schroeder, M. R. Gaab: Endoscopic options in children: experience with 134 procedures. **J Neurosurg Pediatrics** **3** (2009) 81-89
- 50.** D. Keiner, M. R. Gaab, H. W. S. Schroeder, J. Oertel: Comparison of the long-term results

- of anterior transposition of the ulnar nerve or simple decompression in the treatment of cubital tunnel syndrome-a prospective study. **Acta Neurochir (Wien)** **151** (2009) 311-316
51. J. Oertel, H. W. S. Schroeder, M. R. Gaab: Endoscopic stomy of the septum pellucidum: indications, technique, and results. **Neurosurgery** **64** (2009) 482-93
52. H. W. S. Schroeder, M. Nehlsen: Value of high-definition imaging in neuroendoscopy **Neurosurg Rev** **32** (2009) 303-308
53. Walter U, Wolters A, Wittstock M, Benecke R, Schroeder HW, Müller JU: Deep brain stimulation in dystonia: Sonographic monitoring of electrode placement into the globus pallidus internus. **Mov Disord.** 2009 Jul 1;24(10):1538-1541
54. Oertel JM, Mondorf Y, Baldauf J, Schroeder HW, Gaab MR: Endoscopic third ventriculostomy for obstructive hydrocephalus due to intracranial hemorrhage with intraventricular extension. **J Neurosurg** 2009 Dec;111(6):1119-26
55. Oertel JM, Mondorf Y, Schroeder HW, Gaab MR: Endoscopic diagnosis and treatment of far distal obstructive hydrocephalus. **Acta Neurochir (Wien)**. 2010 Feb;152(2):229-40.
56. Hammer E, Bien S, Gesell Salazar M, Steil L, Scharf C, Hildebrandt P, Schroeder HW, Kroemer HK, Völker U, Ritter CA Proteomic analysis of doxorubicin induced changes in the proteome of HepG2cells combining 2D-DIGE and LC-MS/MS approaches. **Proteomics** 2010 Jan;10(1):99-114
57. Chiriac A, Poeată I, Baldauf J, Schroeder HW. [Aneurysmal subarachnoid hemorrhage] [Article in Romanian] **Rev Med Chir Soc Med Nat Iasi**. 2010 Jan-Mar;114(1):120-8.
58. Fleck SK, Langner S, Baldauf J, Kirsch M, Rosenstengel C, Schroeder HW: Blunt craniocervical artery injury in cervical spine lesions: the value of CT angiography. **Acta Neurochir (Wien)**. 2010 Oct;152(10):1679-86.
59. Buddensiek J, Dressel A, Kowalski M, Runge U, Schroeder H, Hermann A, Kirsch M, Storch A, Sabolek M. Cerebrospinal fluid promotes survival and astroglial differentiation of adult human neural progenitor cells but inhibits proliferation and neuronal differentiation. **BMC Neurosci**. 2010 Apr 8;11:48.
60. Langner S, Fleck S, Seipel R, Schroeder HW, Hosten N, Kirsch M: Perfusion CT scanning and CT angiography in the evaluation of extracranial-intracranial bypass grafts. **J Neurosurg**. 2011 Apr;114(4):978-83. Epub 2010 Jul 9

- 61.** Oertel JM, Wagner W, Mondorf Y, Baldauf J, Schroeder HW, Gaab MR: Endoscopic Treatment of Arachnoid Cysts: A Detailed Account of Surgical Techniques and Results. **Neurosurgery.** 2010 Sep;67(3):824-36.
- 62.** Bien S, Rimmbach C, Neumann H, Niessen J, Reimer E, Ritter CA, Rosskopf D, Cinatl J, Michaelis M, Schroeder HW, Kroemer HK: Doxorubicin-induced cell death requires cathepsin B in HeLa cells. **Biochem Pharmacol.** 2010 Nov 15;80(10):1466-77. Epub 2010 Aug 13
- 63.** Oertel JM, Vulcu S, Schroeder HW, Konerding MA, Wagner W, Gaab MR: Endoscopic transventricular third ventriculostomy through the lamina terminalis. **J Neurosurg.** 2010 Dec;113(6):1261-9. Epub 2010 Aug 13
- 64.** Schneider F, Herzer W, Schroeder HW, Mueller JU, Kolyschkow P, Sommer M, Piek J, Kessler C, Runge U: Effects of Propofol on Electrocorticography in Patients With Intractable Partial Epilepsy. **J Neurosurg Anesthesiol.** 2011 Apr;23(2):150-5.
- 65.** Guerra WK, Schroeder HW: Peripheral nerve palsy by torsional nerve injury. **Neurosurgery.** 2011 Apr;68(4):1018-24; discussion 1024.
- 66.** Fleck SK, Langner S, Baldauf J, Kirsch M, Kohlmann T, Schroeder HW: Incidence of blunt craniocervical artery injuries: use of whole-body computed tomography trauma imaging with adapted computed tomography angiography. **Neurosurgery.** 2011 Sep;69(3):615-24
- 67.** Schroeder HW, Hickmann AK, Baldauf J: Endoscope-assisted microsurgical resection of skull base meningiomas. **Neurosurg Rev.** 2011 Oct;34(4):441-55. doi: Epub 2011 May 26.
- 68.** von Sarnowski B, Kleist-Welch Guerra W, Kohlmann T, Moock J, Khaw AV, Kessler C, Schminke U, Schroeder HW: Long-term health-related quality of life after decompressive hemicraniectomy in stroke patients with life-threatening space-occupying brain edema. **Clin Neurol Neurosurg.** 2012 Jul;114(6):627-33. doi: 10.1016/j.clineuro.2011.12.026. Epub 2012 Jan 10.
- 69.** Hussner J, Ameling S, Hammer E, Herzog S, Steil L, Schwebe M, Niessen J, Schroeder HW, Kroemer HK, Ritter CA, Volker U, Bien S. Regulation of Interferon-inducible Proteins by Doxorubicin via IFN $\gamma$ -JAK-STAT Signaling in Tumor Cells. **Mol Pharmacol.** 2012 May;81(5):679-88. doi: 10.1124/mol.111.075994. Epub 2012 Feb 9.
- 70.** Schroeder HW. Part I: General Principles and Intraventricular Neuroendoscopy: Endoscopic Techniques. **World Neurosurg.** 2013 Feb;79(2 Suppl):S14.e23-8. doi: 10.1016/j.wneu.2012.02.031. Epub 2012 Feb 10

71. Schroeder HW. Intraventricular tumors. **World Neurosurg.** 2013 Feb;79(2 Suppl):S17.e15-9. doi: 10.1016/j.wneu.2012.02.023. Epub 2012 Feb 10
72. Fritsch MJ, Schroeder HW: Endoscopic Aqueductoplasty and Stenting. **World Neurosurg.** 2013 Feb;79(2 Suppl):S20.e15-8. doi: 10.1016/j.wneu.2012.02.013. Epub 2012 Feb 10..
73. Decq P, Schroeder HW, Fritsch M, Cappabianca P. : A history of ventricular neuroendoscopy. **World Neurosurg.** 2013 Feb;79(2 Suppl):S14.e1-6. doi: 10.1016/j.wneu.2012.02.034. Epub 2012 Feb 10.
74. Thiele T, Sümrig A, Hron G, Müller C, Althaus K, Schroeder HW, Greinacher A. Platelet transfusion for reversal of dual antiplatelet therapy in patients requiring urgent surgery - a pilot study. **J Thromb Haemost.** 2012 May;10(5):968-71.
75. Rottler P, Schroeder HW, Lotze M: Outcome-dependent coactivation of lip and tongue primary somatosensory representation following hypoglossal-facial transfer after peripheral facial palsy. **Hum Brain Mapp.** 2012 Nov 5. doi: 10.1002/hbm.22206. [Epub ahead of print]
76. Schroeder C, Fleck S, Gaab MR, Schweim KH, Schroeder HW: Why does endoscopic aqueductoplasty fail so frequently? Analysis of cerebrospinal fluid flow after endoscopic third ventriculostomy and aqueductoplasty using cine phase-contrast magnetic resonance imaging. **J Neurosurg.** 2012 Jul;117(1):141-9. doi: 10.3171/2012.3.JNS111926. Epub 2012 May 11.
77. Hickmann AK, Langner S, Kirsch M, Baldauf J, Müller C, Khaw A, Schroeder HW: The value of perfusion computed tomography in predicting clinically relevant vasospasm in patients with aneurysmal subarachnoid hemorrhage. **Neurosurg Rev.** 2013 Apr;36(2):267-78. doi: 10.1007/s10143-012-0430-1 . Epub 2012 Oct 27.
78. Krähenbühl AK, Baldauf J, Gaab MR, Schroeder HW: Endoscopic temporal ventriculocisternostomy: an option for the treatment of trapped temporal horns. **J Neurosurg Pediatr.** 2013 May;11(5):568-74. doi: 10.3171/2013.2.PEDS12417. Epub 2013 Mar 22.
79. El Refaei E, Langner S, Baldauf J, Matthes M, Kirsch M, Schroeder HW: Value of 3-D High-resolution Magnetic Resonance Imaging in Detecting the Offending Vessel in Hemifacial Spasm: Comparison with Intraoperative High Definition Endoscopic Visualization. **Neurosurgery.** 2013 Jul;73(1):58-67; discussion 67. doi: 10.1227/01.neu.0000429838.38342.e2
80. Schroeder HW: Success of endoscopic third ventriculostomy: what does really matter? **World Neurosurg.** 2012 Sep-Oct;78(3-4):233-4. doi: 10.1016/j.wneu.2011.11.024. Epub 2011 Nov 25.
81. 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.
- 82.** Esposito F, Di Rocco F, Zada G, Cinalli G, Schroeder HW, Mallucci C, Cavallo LM, Decq P, Chiaramonte C, Cappabianca P.: Intraventricular and skull base neuroendoscopy in 2012: a global survey of usage patterns and the role of intraoperative neuronavigation. **World Neurosurg.** 2013 Dec;80(6):709-16. doi: 10.1016/j.wneu.2013.05.011. Epub 2013 Jul 10.
- 82.** Fleck SK, Wallaschofski H, Rosenstengel C, Matthes M, Kohlmann T, Nauck M, Schroeder HW, Spielhagen C: Prevalence of hypopituitarism after intracranial operations not directly associated with the pituitary gland. **BMC Endocr Disord.** 2013 Nov 4;13(1):51. [Epub ahead of print]
- 83.** Oberstadt MC, Bien-Möller S, Weitmann K, Herzog S, Hentschel K, Rimmbach C, Vogelgesang S, Balz E, Fink M, Michael H, Zeden JP, Bruckmüller H, Werk AN, Cascorbi I, Hoffmann W, Rosskopf D, Schroeder HW, Kroemer HK: Epigenetic modulation of the drug resistance genes MGMT, ABCB1 and ABCG2 in glioblastoma multiforme. **BMC Cancer.** 2013 Dec 31;13:617. doi: 10.1186/1471-2407-13-617.
- 84.** Manwaring JC1, El Damaty A, Baldauf J, Schroeder HW: The Small Chamber Irrigation Technique (SCIT): A Simple Maneuver for Managing Intraoperative Hemorrhage During Endoscopic Intraventricular Surgery. **Neurosurgery.** 2014 Sep;10 Suppl 3:375-9; discussion 379, May 23. [Epub ahead of print]
- 85.** Damaty AE1, Manwaring JC, Schroeder HW: The guillotine knife: a novel tool for safe endoscopic cutting of intracranial membranes. **J Neurosurg.** 2014 Sep;121(3):719-22.
- 86.** Gutenberg A1, Nischwitz MD2, Gunawan B2, Enders C2, Jung K3, Bergmann M4, Feiden W5, Egensperger R6, Keyvani K6, Stolke D7, Sure U7, Schroeder HW8, Warzok R9, Schober R10, Meixensberger J11, Paulus W12, Wassmann H13, Stummer W13, Blumcke I14, Buchfelder M15, van Landeghem FK16, Vajkoczy P17, Günther M18, Bedke J19, Giese A20, Rohde V21, Brück W22, Füzesi L2, Sander B23: Predictive chromosomal clusters of synchronous and metachronous brain metastases in clear cell renal cell carcinoma. **Cancer Genet.** 2014 May;207(5):206-13. doi: 10.1016/j.cancergen.2014.05.004. Epub 2014 May 17.
- 87.** El Refae E, Matthes M, Schroeder HW.:Microsurgical technique in excision of intramedullary craniocervical ependymomas. Video report. **Neurosurg Focus.** 2014 Sep;37 Suppl 2:Video 17. doi: 10.3171/2014.V3.FOCUS14391
- 88.** Schroeder HW: Indications and Limitations of the Endoscopic Endonasal Approach for Anterior Cranial Base Meningiomas. **World Neurosurg.** 2014 Dec;82(6S):S81-S85. doi: 10.1016/j.wneu.2014.07.030. Review.
- 89.** Rosenstengel C, Matthes M, Baldauf J, Fleck S, Schroeder H: Hemifacial spasm — conservative and surgical treatment options. **Dtsch Arztebl Int** 2012; 109(41): 667–73
- 90.** Jörg Baldauf, Werner Hosemann, and Henry W.S. Schroeder: Endoscopic Endonasal Approach for Craniopharyngiomas. **Neurosurg Clin N Am** 26 (2015) 363–375

- 91.** Cornelia Müller, Anett Meschede, Andreas Zinke, Henry W.S. Schroeder, Michael Sabolek: Secondary parkinsonism after subdural hematomas: Presynaptic dopaminergic deficit as possible mechanism? **Basal Ganglia** 3 (2013) 171-174
- 92.** Bianca Leutzow, Jörn Lange, Andreas Gibb, Henry Schroeder, Andreas Nowak, Michael Wendt, Taras I. Usichenko: Vagal Sensory Evoked Potentials Disappear Under the Neuromuscular Block – An Experimental Study. **Brain Stimulation** 6 (2013) 812-816
- 93.** Dengler J, Maldaner N, Bijlenga P, Burkhardt JK, Graewe A, Guhl S, Nakamura M, Hohaus C, Kursumovic A, Schmidt NO, Schebesch KM, Wostrack M, Vajkoczy P, Mielke D; Giant Intracranial Aneurysm Study Group.: Quantifying unruptured giant intracranial aneurysms by measuring diameter and volume--a comparative analysis of 69 cases. **Acta Neurochir (Wien)**. 2015 Mar;157(3):361-8; discussion 368
- 94.** Dengler J, Maldaner N, Bijlenga P, Burkhardt JK, Graewe A, Guhl S, Hong B, Hohaus C, Kursumovic A, Mielke D, Schebesch KM, Wostrack M, Rufenacht D, Vajkoczy P, Schmidt NO; Giant Intracranial Aneurysm Study Group.: Perianeurysmal edema in giant intracranial aneurysms in relation to aneurysm location, size, and partial thrombosis. **J Neurosurg.** 2015 Aug;123(2):446-52
- 95.** Schwebe M, Ameling S, Hammer E, Monzel JV, Bonitz K, Budde S, Schult K, Oswald S, Scheuch E, Grube M, Poesch A, Budde T, Ewert R, Schroeder HW, Kroemer HK, Bien-Möller S: Protective effects of endothelin receptor A and B inhibitors against doxorubicin-induced cardiomyopathy. **Biochem Pharmacol.** 2015 Mar 15;94(2):109-29
- 96.** 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
- 97.** Schmidt S, Kleist Welch-Guerra W, Matthes M, Baldauf J, Schminke U, Schroeder HW: Endoscopic vs Open Decompression of the Ulnar Nerve in Cubital Tunnel Syndrome: A Prospective Randomized Double-Blind Study. **Neurosurgery.** 2015 Dec;77(6):960-70; discussion 970-1
- 98.** Marx S, Fleck SK, El Refaee E, Manwaring J, Vorbau C, Fritsch MJ, Gaab MR, Schroeder HW, Baldauf J.: Neuroendoscopic stent placement for cerebrospinal fluid pathway obstructions in adults. **J Neurosurg.** 2016 Sep;125(3):576-84.
- 99.** Bien-Möller S, Lange S, Holm T, Böhm A, Paland H, Küpper J, Herzog S, Weitmann K, Havemann C, Vogelgesang S, Marx S, Hoffmann W, Schroeder HW, Rauch BH.: Expression of S1P metabolizing enzymes and receptors correlate with survival time and regulate cell migration in glioblastoma multiforme. **Oncotarget.** 2016 Mar 15;7(11):13031-46.
- 100.** Mueller JU, Baldauf J, Marx S, Kirsch M, Schroeder HW, Pillich DT: Cement leakage in pedicle screw augmentation: a prospective analysis of 98 patients and 474 augmented

- pedicle screws. **J Neurosurg Spine.** 2016 Mar 4:1-7. [Epub ahead of print]
- 101.** El Damaty A, Rosenstengel C, Matthes M, Baldauf J, Schroeder HW.: The value of lateral spread response monitoring in predicting the clinical outcome after microvascular decompression in hemifacial spasm: a prospective study on 100 patients. **Neurosurg Rev.** 2016 Jul;39(3):455-66
- 102.** Fleck S, Langner S, Rosenstengel C, Kessler R, Matthes M, Müller JU, Langner I, Marx S, Schroeder HW.: 3 Tesla Kinematic MRI of the Cervical Spine for Evaluation of Adjacent Level Disease after Monosegmental Anterior Cervical Discectomy and Arthroplasty: Results of 2-Year Follow-up". **Spine** (Phila Pa 1976). 2017 Feb 15;42(4):224-231
- 103.** Baldauf J, Fritsch MJ, Oertel J, Gaab MR, Schroeder HW: Value of endoscopic third ventriculostomy instead of shunt revision. **Minim Invasive Neurosurg.** 2010 Aug;53(4):159-63.
- 104.** El Damaty A, Marx S, Fleck S, Schroeder HW.: Neuroendoscopic Approach to Intracranial Ependymal Cysts. **World Neurosurg.** 2017 Jan;97:383-389.
- 105.** Marx S, Clemens S, Schroeder HW.: The value of endoscope assistance during transcranial surgery for tuberculum sellae meningiomas. **J Neurosurg.** 2017 Apr 7:1-8. doi: 10.3171/2016.11.JNS16713. [Epub ahead of print]
- 106.** Zeden JP, Müller JU, El Refaee EAM, Schroeder HWS, Pillich D: Neuronavigation and 3D fluoroscopy-guided lag screw reduction and osteosynthesis for traumatic spondylolistheses of the axis: a path worth exploring? **Neurosurg Focus.** 2017 Aug;43(2):E2
- 107.** Marx S, El Refaee E, Langner S, Schroeder HWS: Four-hand suction-irrigation technique leads to gross total resection and long-term-progression free survival in fourth ventricular ependymoma. **World Neurosurg.** 2017 Aug 10. pii: S1878-8750(17)31305-0. doi: 10.1016/j.wneu.2017.08.008. [Epub ahead of print]
- 108.** Baschin M, Selleng S, Zeden JP, Westphal A, Kohlmann T, Schroeder HW, Greinacher A, Thiele T.: Platelet transfusion to reverse antiplatelet therapy before decompressive surgery in patients with intracranial haemorrhage. **Vox Sang.** 2017 Aug 14. doi: 10.1111/vox.12542. [Epub ahead of print]
- 109.** Pillich D, El Refaee E, Mueller JU, Safwat A, Schroeder HWS, Baldauf J.: Syringomyelia associated with cervical spondylotic myelopathy causing canal stenosis. A rare association. **Neurol Neurochir Pol.** 2017 Nov - Dec;51(6):471-475. doi: 10.1016/j.pjnns.2017.08.002. Epub 2017 Aug 14.
- 110.** El Damaty A, Rosenstengel C, Matthes M, Baldauf J, Dziemba O, Hosemann W, Schroeder HWS: A New Score to Predict the Risk of Hearing Impairment After Microvascular Decompression for Hemifacial Spasm. **Neurosurgery.** 2017 Nov 1;81(5):834-843. doi: 10.1093/neuros/nyx111.
- 111.** Nowak S, Rehberg S, Schroeder HWS, Fleck S. Pupillary dilatation associated with volatile

- anaesthetics: a small case series. **Br J Anaesth.** 2017 Jul 1;119(1):169-170. doi: 10.1093/bja/aex183. No abstract available.
- 112.** Matthes M, Pillich DT, El Refaee E, Schroeder HWS, Müller JU.: Heat Generation During Bony Decompression of Lumbar Spinal Stenosis Using a High-Speed Diamond Drill with or without Automated Irrigation and an Ultrasonic Bone-Cutting Knife: A Single-Blinded Prospective Randomized Controlled Study. **World Neurosurg.** 2017 Dec 8. pii: S1878-8750(17)32105-8. doi: 10.1016/j.wneu.2017.11.172. [Epub ahead of print]
- 113.** 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
- 114.** Nowak S, Müller J, Schroeder HWS, Müller JU.: Incidence of unexpected positive histology in kyphoplasty. **Eur Spine J.** 2018 Jan 5. doi: 10.1007/s00586-017-5458-z. [Epub ahead of print]
- 115.** Refaee EE, Rosenstengel C, Baldauf J, Pillich DT, Matthes M, Schroeder HWS.: Microvascular Decompression for Patients With Hemifacial Spasm Associated With Common Trunk Anomaly of the Cerebellar Arteries-Case Study and Review of Literature. **Oper Neurosurg (Hagerstown).** 2018 Feb 1;14(2):121-127. doi: 10.1093/ons/opx105
- 116.** Baschin M, Selleng S, Hummel A, Diedrich S, Schroeder HW, Kohlmann T, Westphal A, Greinacher A, Thiele T.: Preoperative platelet transfusions to reverse antiplatelet therapy for urgent non-cardiac surgery: an observational cohort study. **J Thromb Haemost.** 2018 Apr;16(4):709-717. doi: 10.1111/jth.13962. Epub 2018 Feb 28
- 117.** Marx S, Reinfelder M, Matthes M, Schroeder HWS, Baldauf J.: Frequency and treatment of hydrocephalus prior to and after posterior fossa tumor surgery in adult patients. **Acta Neurochir (Wien).** 2018 Feb 17. doi: 10.1007/s00701-018-3496-x. [Epub ahead of print]
- 118.** Marx S, Baldauf J, Matthes M, Gaab MR, Schroeder HWS: Long-term reliability of neuroendoscopic aqueductoplasty in idiopathic aqueductal stenosis-related hydrocephalus. **Neurosurgery.** 2019 Jul 1;85(1):91-95.
- 119.** Bien-Möller S, Balz E, Herzog S, Plantera L, Vogelgesang S, Weitmann K, Seifert C, Fink MA, Marx S, Bialke A, Venugopal C, Singh SK, Hoffmann W, Rauch BH, Schroeder HWS: Association of Glioblastoma Multiforme Stem Cell Characteristics, Differentiation, and Microglia Marker Genes with Patient Survival. **Stem Cells Int.** 2018 Jan 17;2018:9628289
- 120.** El Refaee E, Fleck S, Matthes M, Schroeder HWS: Endoscopic Endonasal Transmaxillary Transsphenoidal Approach for Excision of a Superior Orbital Fissure-Cavernous Sinus Meningioma: 2-Dimensional Operative Video. **Oper Neurosurg (Hagerstown).** 2018 Apr 28. doi: 10.1093/ons/opy093. [Epub ahead of print]
- 121.** Marx S, Splittstöhser M, Kinnen F, Moritz E, Joseph C, Paul S, Paland H, Seifert C, Marx M, Böhm A, Schwedhelm E, Holzer K, Singer S, Ritter CA, Bien-Möller S, Schroeder

- HWS, Rauch BH: Platelet activation parameters and platelet-leucocyte-conjugate formation in glioblastoma multiforme patients. **Oncotarget.** 2018 May 25;9(40):25860-25876. doi: 10.18632/oncotarget.25395. eCollection 2018 May 25.
- 122.** Oertel J, Linsler S, Csokonay A, Schroeder HWS, Senger S: Management of severe intraoperative hemorrhage during intraventricular neuroendoscopic procedures: the dry field technique. **J Neurosurg. J Neurosurg.** 2018 Sep 1:1-9. doi: 10.3171/2018.4.JNS172537
- 123.** Nowak S, Bollmann T, Rosenstengel C, Rathmann E, Ribback S, Ewert R, Schroeder HWS: Voriconazole as mono-therapy in orbitofrontal erosive aspergillosis without gross total resection: A case report and review of literature. **Clin Neurol Neurosurg.** 2018 Sep;172:93-95.
- 124.** Ezzat AAM, Soliman MAR, Hasanain AA, Thabit MA, Elshitany H, Kandel H, Abdel-Bari SH, Ghoul AMF, Abdullah A, Alsawy MFM, Ghaleb AA, Al Menabbawy A, Marei AA, El Razik BA, Schroeder HWS, Marx S, Zohdi A, El Refaee E: Migration of the Distal Catheter of Ventriculoperitoneal Shunts in Pediatric Age Group: Case Series. **World Neurosurg.** 2018 Jul 19. pii: S1878-8750(18)31551-1.
- 125.** Müller J, Müller JU, Koppe T, Nowak S, Schroeder HWS, Baldauf J: A radiological and anatomic examination of intralaminar screws in the thoracic spine-a theoretical feasibility study. **Acta Neurochir (Wien).** 2018 Sep 21. doi: 10.1007/s00701-018-3678-6. [Epub ahead of print]
- 126.** Nowak S, Schroeder HWS, Fleck S.: Hemopatch® as a new dural sealant: A clinical observation. **Clin Neurol Neurosurg.** 2019 Jan;176:133-137. doi: 0.1016/j.clineuro.2018.12.009. Epub 2018 Dec 11.
- 127.** 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.
- 128.** Vorbau C, Baldauf J, Oertel J, Gaab MR, Schroeder HWS.: Long-Term Results After Endoscopic Resection of Colloid Cysts. **World Neurosurg.** 2019 Feb;122:e176-e185. doi: 10.1016/j.wneu.2018.09.190. Epub 2018 Oct 5.
- 129.** El Refaee E, Langner S, Marx S, Rosenstengel C, Baldauf J, Schroeder HWS.: Endoscope-Assisted Microvascular Decompression for the Management of Hemifacial Spasm Caused by Vertebrobasilar Dolichoectasia. **World Neurosurg.** 2019 Jan;121:e566-e575.
- 130.** Kinnen F, Fleck SK, Baldauf J, Hans V, Daeschlein G, Rathmann E, Schroeder HWS, Marx S.: Primary leptomeningeal melanocytic tumors of the spine: report of two cases and review of the literature. **World Neurosurg.** 2019 Jan 17. pii: S1878-8750(19)30096-8. doi:

10.1016/j.wneu.2019.01.015. [Epub ahead of print]

131. Fink MA, Paland H, Herzog S, Grube M, Vogelgesang S, Weitmann K, Bialke A, Hoffmann W, Rauch BH, Schroeder HWS, Bien-Möller S.: L-Carnitine Mediated Tumor Cell Protection and Poor Patient Survival Associated with OCTN2 Overexpression in Glioblastoma Multiforme. **Clin Cancer Res.** 2019 Jan 22. pii: clincanres.2380.2018. doi: 10.1158/1078-0432.CCR-18-2380. [Epub ahead of print]
132. Baldauf J, Rosenstengel C, Schroeder HWS.: Nerve Compression Syndromes in the Posterior Cranial Fossa. **Dtsch Arztebl Int.** 2019 Jan 25;116(4):54-60. doi: 10.3238/arztebl.2019.0054.
133. Marx S, Xiao Y, Baschin M, Splitstöhser M, Altmann R, Moritz E, Jedlitschky G, Bien-Möller S, Schroeder HWS, Rauch BH: The Role of Platelets in Cancer Pathophysiology: Focus on Malignant Glioma. **Cancers (Basel).** 2019 Apr 22;11(4). pii: E569. doi: 10.3390/cancers11040569. Review
134. El Damaty A, Fleck S, Matthes M, Baldauf J, Schroeder HWS.: Pineal cyst without hydrocephalus: clinical presentation and postoperative clinical course after infratentorial supracerebellar resection. **World Neurosurg.** 2019 May 30. pii: S1878-8750(19)31477-9. doi: 10.1016/j.wneu.2019.05.200. [Epub ahead of print]
135. Fleck S, Marx S, Bobak C, Richter V, Nowak S, Rafaee EE, Siebert N, Ehlert K, Schroeder HWS, Lode HN: Neuroblastoma with intracerebral metastases and the need for neurosurgery: a single-center experience. **J Neurosurg Pediatr.** 2019 Oct 11:1-6
136. El Refaee E, Marx S, Rosenstengel C, Baldauf J, Schroeder HWS: Arachnoid bands and venous compression as rare causes of hemifacial spasm: analysis of etiology in 353 patients. **Acta Neurochir (Wien).** 2020 Jan;162(1):211-219.
137. Much CD, Schwefel K, Skowronek D, Shoubash L, von Podewils F, Elbracht M, Spiegler S, Kurth I, Flöel A, Schroeder HWS, Felbor U, Rath M: Novel Pathogenic Variants in a Cassette Exon of CCM2 in Patients With Cerebral Cavernous Malformations. **Front Neurol.** 2019 Nov 20;10:1219. doi: 10.3389/fneur.2019.01219. eCollection 2019.
138. Oertel J, Linsler S, Emmerich C, Keiner D, Gaab M, Schroeder H, Senger S: Results of Combined Intraventricular Neuroendoscopic Procedures in 130 Cases with Special Focus on Fornix Contusions. **World Neurosurg.** 2017 Dec;108:817-825
139. Eördögh M, Pásler D, Schroeder HWS: Suction Spatula for Surgery of Vestibular Schwannomas in Supine Position: Technical Note. **World Neurosurg.** 2020 Jun;138:174-177.
140. El Damaty A, Marx S, Cohrs G, Vollmer M, Eltanahy A, El Refaee E, Baldauf J, Fleck S, Baechli H, Zohdi A, Synowitz M, Unterberg A, Schroeder HWS: ETV in infancy and childhood below 2 years of age for treatment of hydrocephalus. **Childs Nerv Syst.** 2020 Mar 28. doi: 10.1007/s00381-020-04585-8. Online ahead of print. PMID: 32222800

- 141.** Marx S, Wilken F, Wagner I, Marx M, Troschke-Meurer S, Zumpe M, Bien-Moeller S, Weidemeier M, Baldauf J, Fleck SK, Rauch BH, Schroeder HWS, Lode H, Siebert N. J: GD2 targeting by dinutuximab beta is a promising immunotherapeutic approach against malignant glioma. **Neurooncol.** 2020 May;147(3):577-585
- 142.** Zeden JP, Baldauf J, Schroeder HWS: Repair of the sellar floor using bioresorbable polydioxanone foils after endoscopic endonasal pituitary surgery. **Neurosurg Focus** 2020 Jun;48(6):E16.
- 143.** Zada G, Schroeder HWS, Little AS, Laws ER: Introduction. Management of pituitary tumors: 2020 and beyond. **Neurosurg Focus**. 2020 Jun;48(6):E1
- 144.** Marx S, Tsavdaridou I, Paul S, Steveling A, Schirmer C, Eördögh M, Nowak S, Matthes M, El Refaei E, Fleck SK, Baldauf J, Lerch MM, Stahl A, Hosemann W, Schroeder HWS: Quality of life and olfactory function after suprasellar craniopharyngioma surgery-a single-center experience comparing transcranial and endoscopic endonasal approaches. **Neurosurg Rev.** 2020 Jul 10. doi: 10.1007/s10143-020-01343-x. Online ahead of print. PMID: 32651708
- 145.** Bipin Chaurasia 1, Harsh Deora 2, Nasser M F El-Ghandour et al.: In Memoriam: A Memoir for Our Fallen "Heroes". **Neurosurgery** 2020 Sep 15;87(4):854-856
- 146.** Müller J, Nowak S, Vogelgesang A, von Sarnowski B, Rathmann E, Schmidt S, Rehberg S, Usichenko T, Kertscho H, Hahnenkamp K, Flöel A, Schroeder HW, Müller JU, Fleischmann R.: Evaluating Mechanisms of Postoperative Delirium and Cognitive Dysfunction Following Elective Spine Surgery in Elderly Patients (CONFESS): Protocol for a Prospective Observational Trial. **JMIR Res Protoc.** 2020 Feb 13;9(2):e15488. doi: 10.2196/15488.
- 147.** Ian C Coulter 1, Abhaya V Kulkarni 2, Spyros Sgouros 3 4, Shlomi Constantini 5, International Infant Hydrocephalus Study Investigators; Shlomi Constantini, Spyros Sgouros, Abhaya V Kulkarni, Yael Leitner, John Rw Kestle, Douglas D Cochrane, Maurice Choux, Fleming Gjerris, Adina Sherer, Nejat Akalan, Burçak Bilginer, Ramon Navarro, Ljiljana Vujotic, Hannes Haberl, Ulrich-Wilhelm Thomale, Graciela Zúccaro, Roberto Jaimovitch, David Frim, Lori Loftis, Dale M Swift, Brian Robertson, Lynn Gargan, László Bognár, László Novák, Georgina Cseke, Armando Cama, Giuseppe Marcello Ravagnani, Matthias Preuß, Henry W Schroeder, Michael Fritsch, Joerg Baldauf, Marek Mandera, Jerzy Luszawski, Patrycja Skorupka, Conor Mallucci, Dawn Williams, Krzysztof Zakrzewski, Emilia Nowoslawska, Chhitij Srivastava, Ashok K Mahapatra, Raj Kumar, Rabi Narayan Sahu, Armen G Melikian, Anton Korshunov, Anna Galstyan, Ashish Suri, Deepak Gupta, J André Grotenhuis, Erik J van Lindert, José Aloysio da Costa Val, Concezio Di Rocco, Gianpiero Tamburini, Samuel Tau Zymberg, Sergio Cavalheiro, Ma Jie, Jiang Feng, Orna Friedman, Naheeda Rajmohamed, Marcin Roszkowski, Slawomir Barszcz, George Jallo, David W Pincus, Bridget Richter, H M Mehdorn, Susan Schultka, Sandrine de Ribaupierre, Dominic Thompson, Silvia Gatscher, Wolfgang Wagner, Dorothee Koch, Saverio Cipri, Claudio Zacccone, Patrick McDonald: Cranial and ventricular size following shunting or endoscopic third ventriculostomy (ETV) in infants with aqueductal stenosis: further insights from the International Infant Hydrocephalus Study (IIHS).

**Childs Nerv Syst.** 2020 Jul;36(7):1407-1414. doi: 10.1007/s00381-020-04503-y. Epub 2020 Jan 21.

**148.** Kulkarni AV, Sgouros S, Leitner Y, Constantini S; International Infant Hydrocephalus Study Investigators: International Infant Hydrocephalus Study (IIHS): 5-year health outcome results of a prospective, multicenter comparison of endoscopic third ventriculostomy (ETV) and shunt for infant hydrocephalus. **Childs Nerv Syst.** 2018 Dec;34(12):2391-2397. doi: 10.1007/s00381-018-3896-5. Epub 2018 Jul 9

**149.** Kulkarni AV, Sgouros S, Constantini S; Outcome of treatment after failed endoscopic third ventriculostomy (ETV) in infants with aqueductal stenosis: results from the International Infant Hydrocephalus Study (IIHS). International Infant Hydrocephalus Study Investigators. **Childs Nerv Syst.** 2017 May;33(5):747-752. doi: 10.1007/s00381-017-3382-5. Epub 2017 Mar 29.

**150.** Marx S, Schroeder HWS: Endoscopic bimanual sharp dissection technique for gross-total resection of colloid cysts: technical note. **J Neurosurg.** 2020 Sep 11:1-9. doi: 10.3171/2020.5.JNS201583. Online ahead of print.

**151.** Al Menabbawy A, El Refaee E, Soliman MAR, Elborady MA, Katri MA, Fleck S, Schroeder HWS, Zohdi A.: Outcome improvement in cerebral ventriculitis after ventricular irrigation: a prospective controlled study. **J Neurosurg Pediatr.** 2020 Sep 4:1-9. doi: 10.3171/2020.5.PEDS2063. Online ahead of print.

**152.** Müller JU, Müller J, Marx S, Matthes M, Nowak S, Schroeder HWS, Pillich DT: Biomechanical comparison of three different compression screws for treatment of odontoid fractures evaluation of a new screw design. **Clin Biomech (Bristol, Avon).** 2020 Jul;77:105049. doi: 10.1016/j.clinbiomech.2020.105049. Epub 2020 May 25.

**153.** Giamattei L, di Russo P, Starnoni D, Passeri T, Bruneau M, Meling TR, Berhouma M, Cossu G, Cornelius JF, Paraskevopoulos D, Zazpe I, Jouanneau E, Cavallo LM, Benes V, Seifert V, Tatagiba M, Schroeder HWS, Goto T, Ohata K, Al-Mefty O, Fukushima T, Messerer M, Daniel RT, Froelich S: Petroclival meningiomas: update of current treatment and consensus by the EANS skull base section. **Acta Neurochir (Wien).** 2021 Jun;163(6):1639-1663. doi: 10.1007/s00701-021-04798-z. Epub 2021 Mar 19 K

**154.** Ng S, Messerer M, Engelhardt J, Bruneau M, Cornelius JF, Cavallo LM, Cossu G, Froelich S, Meling TR, Paraskevopoulos D, Schroeder HWS, Tatagiba M, Zazpe I, Berhouma M, Daniel RT, Laws ER, Knosp E, Buchfelder M, Dufour H, Gaillard S, Jacquesson T, Jouanneau E: Aggressive pituitary neuroendocrine tumors: current practices, controversies, and perspectives, on behalf of the EANS skull base section. **Acta Neurochir (Wien).** 2021 Nov;163(11):3131-3142. doi: 10.1007/s00701-021-04953-6. Epub 2021 Aug 8.

**155.** Nowak S, Müller J, Weidemeier ME, Schroeder HWS, Müller JU: Tear-drop technique in iliac screw placement: a technical analysis. **Acta Neurochir (Wien).** 2021 Jun;163(6):1577-1581. doi: 10.1007/s00701-021-04788-1. Epub 2021 Mar 5.

- 156.** 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.
- 157.** Eördög M, Baksa G, Grimm A, Bárány L, Petneházy Ö, Reisch R, Schroeder HWS, Briner HR, Hosemann W. Three-dimensional structure of the basal lamella of the middle turbinate. **Sci Rep.** 2021 Sep 9;11(1):17960. doi: 10.1038/s41598-021-97331-2
- 158.** Seifert C, Balz E, Herzog S, Korolev A, Gaßmann S, Paland H, Fink MA, Grube M, Marx S, Jedlitschky G, Tzvetkov MV, Rauch BH, Schroeder HWS, Bien-Möller S: PIM1 Inhibition Affects Glioblastoma Stem Cell Behavior and Kills Glioblastoma Stem-like Cells. **Int J Mol Sci.** 2021 Oct 15;22(20):11126. doi: 10.3390/ijms222011126.
- 159.** 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. Online ahead of print.
- 160.** Shoubash L, Baldauf J, Matthes M, Kirsch M, Rath M, Felbor U, Schroeder HWS: Long-term outcome and quality of life after CNS cavernoma resection: eloquent vs. non-eloquent areas. **Neurosurg Rev.** 2021 Jun 23. doi: 10.1007/s10143-021-01572-8. Online ahead of print.
- 161.** Bal J, Bruneau M, Berhouma M, Cornelius JF, Cavallo LM, Daniel RT, Froelich S, Jouanneau E, Meling TR, Messerer M, Roche PH, Schroeder HWS, Tatagiba M, Zazpe I, Paraskevopoulos D. Management of non-vestibular schwannomas in adult patients: a systematic review and consensus statement on behalf of the EANS skull base section. Part I: oculomotor and other rare non-vestibular schwannomas (I, II, III, IV, VI). **Acta Neurochir (Wien).** 2021 Nov 9. doi: 10.1007/s00701-021-05048-y. Online ahead of print.
- 162.** El Refae E, Fleck S, Matthes M, Marx S, Baldauf J, Schroeder HWS: Outcome of Endoscope-Assisted Microvascular Decompression in Patients With Hemifacial Spasm Caused by Severe Indentation of the Brain Stem at the Pontomedullary Sulcus by the Posterior Inferior Cerebellar Artery. **Oper Neurosurg (Hagerstown).** 2021 May 13;20(6):E399-E405. doi: 10.1093/ons/opab008.  
PMID: 33693935
- 163.** Bal J, Bruneau M, Berhouma M, Cornelius JF, Cavallo LM, Daniel RT, Froelich S, Jouanneau E, Meling TR, Messerer M, Roche PH, Schroeder HWS, Tatagiba M, Zazpe I, Paraskevopoulos D: Management of non-vestibular schwannomas in adult patients: a systematic review and consensus statement on behalf of the EANS skull base section Part II: Trigeminal and facial nerve schwannomas (CN V, VII). **Acta Neurochir (Wien).** 2022 Feb;164(2):299-319.
- 164.** Bekeschus S, Ispirjan M, Freund E, Kinnen F, Moritz J, Saadati F, Eckroth J, Singer D, Stope MB, Wende K, Ritter CA, Schroeder HWS, Marx S: Gas Plasma Exposure of Glioblastoma Is Cytotoxic and Immunomodulatory in Patient-Derived GBM Tissue. **Cancers (Basel).** 2022 Feb 5;14(3):813.

- 165.** Roth J, Perekopaiko Y, Kozyrev DA, Constantini S; Pediatric Colloid Cyst Study Group (PCCSG): Pediatric colloid cysts: a multinational, multicenter study. An IFNE-ISPN-ESPN collaboration. **J Neurosurg Pediatr.** 2022 Feb 11;1-8.
- 166.** Al Menabbawy A, Refaee EE, Elwy R, Salem AA, Lehmann S, Vollmer M, Matthes M, Fleck S, Baldauf J, Schroeder HWS: A multivariable prediction model for recovery patterns and time course of symptoms improvement in hemifacial spasm following microvascular decompression. **Acta Neurochir (Wien).** 2022 Mar;164(3):833-844.
- 167.** Shoubash LI, El Refaee E, Al Menabbawy A, Refaat MI, Fathalla H, Schroeder HWS: Endoscopic Transcortical-Transventricular Approach in Treating Third Ventricular Craniopharyngiomas-Case Series With Technical Note and Literature Review. **Oper Neurosurg (Hagerstown).** 2022 Apr 1;22(4):192-200
- 168.** Shoubash LI, Marx S, Schroeder HW: Does physical activity provoke CNS cavernomas to become symptomatic? **J Neurosurg Sci.** 2022 Apr;66(2):168-170
- 169.** Baldauf J, Refaee EE, Marx S, Matthes M, Fleck S, Schroeder HWS: Purely venous compression in trigeminal neuralgia-can we predict the outcome of surgery. **Acta Neurochir (Wien).** 2022 Jun;164(6):1567-1573.

## 2. Übersichtsarbeiten

- 1.** H. W. S. Schroeder und M. R. Gaab: Aktuelle Aspekte der Behandlung von traumatischen Nervenläsionen. **Ärzteblatt M/V** **4** (1994) 334 - 344
- 2.** M. R. Gaab und H. W. S. Schroeder: Minimal invasive Neurochirurgie: Derzeitiger Stand und zukünftige technische Anforderungen. **Biomed Tech Suppl** **39** (1994) 370-371
- 3.** W.-R. Niendorf, M. R. Gaab, H. W. S. Schroeder und J.-U. Müller: Die operative Therapie des Bandscheibenvorfalls. **Ärzteblatt M/V** **5** (1995) 592-605
- 4.** M. R. Gaab und H. W. S. Schroeder: Neuroendoskopie und endoskopische Neurochirurgie - Minimal invasive Neurochirurgie. **Ärzteblatt M/V** **6** (1996) 576-580
- 5.** H. M. Junge, J.-U. Müller, H. W. S. Schroeder und M. R. Gaab: Die neurochirurgische Behandlung der Trigeminusneuralgie. **Ärzteblatt M/V** **9** (1999) 128 - 137
- 6.** H. W. S. Schroeder und M. R. Gaab: Minimal invasive Chirurgie – Aktuelle Entwicklungen aus der Sicht des Neurochirurgen. **Med Rev** 3/2001 12-13
- 7.** C. Müller, H. W. S. Schroeder: Operation der Hirnblutung (ICB) bei älteren Patienten – Sinnvoll oder Unsinn? **J Anästh Intensiv** **12** (2005) 21 - 22
- 8.** J. U. Müller, W. Kleist-Welch-Guerra, H. W. S. Schroeder: Dekompressionstrehpanation und

- andere besondere operative Verfahren. **J Anästh Intensiv** **12** (2005) 46 – 47
- 9.** Müller J-U, Kleist-Welch Guerra W, Schroeder H W S. Dekompressionstrepanation und andere besondere operative Verfahren . **J Anästh Intensivmed** 2005, 12:46-47
  - 10.** Müller C, Schroeder H W S. Operation der Hirnblutung (ICB) bei älteren Patienten – Sinnvoll oder Unsinn? . **J Anästh Intensivmed** 2005, 12:21-22
  - 11.** J. Oertel, M. R. Gaab und H. W. S. Schroeder: Die endoskopische Operation des Karpaltunnelsyndroms: Eine Alternative zur offenen Operation? **Ärzteblatt M/V** **16** (2006) 10-13
  - 12.** H. W. S. Schroeder und W. Hosemann: Endoskopisch-assistierte Schädelbasischirurgie. **Ärzteblatt M/V** **16** (2006) 10-13
  - 13.** C. Müller, HWS Schroeder, M. Kirsch: Operative Therapie der intrazerebralen Blutung (ICB) bei älteren und alten Patienten . **Ärzteblatt M/V** **17** (2007) 156-160
  - 14.** Langner S, Schroeder HW, Hosten N, Kirsch M.: Diagnosing neurovascular compression syndromes. **Rofo**. 2012 Mar;184(3):220-8. Epub 2011 Dec 16
  - 15.** W. Hosemann, H. W. S. Schroeder: Rhino-Neurochirurgie. **Laryngorhinootologie**. 2015 Mar;94 Suppl 1:S153-205.
  - 16.** W. Hosemann, H. W. S. Schroeder: Comprehensive review on rhino-neurosurgery. **GMS Curr Top Otorhinolaryngol Head Neck Surg**. 2015 Dec **22**;14
  - 17.** Schroeder HW. Transcranial endoscope-assisted skullbase surgery - posterior fossa. **INS** 2013;1(1):5–13
  - 18.** Baldauf J, Rosenstengel C, Schroeder HWS: Nerve Compression Syndromes in the Posterior Cranial Fossa. **Dtsch Arztbl Int**. 2019 Jan 25;116(4):54-60. doi: 10.3238/atztbl.2019.0054.
- ### 3. Buchkapitel
- 1.** G. Lang und H. Schroeder: Subarachnoidalblutung. In: H. Reddemann, A. H. Sutor (Hrsg.): **Akute Blutung als Notfall im Kindesalter**, Springer, Berlin, 1992, S. 93-100
  - 2.** M. R. Gaab and H. W. S. Schroeder: Endoscopy for intraventricular lesions. In: W. A. King, J. G. Frazee, A. A. F. De Salles (Eds.): **Endoscopy of the central and peripheral nervous system**, Thieme, New York, 1998, pp 68-77
  - 3.** M. R. Gaab and H. W. S. Schroeder: Arachnoid cysts. In: W. A. King, J. G. Frazee, A. A. F.

- De Salles (Eds.): **Endoscopy of the central and peripheral nervous system**, Thieme, New York, 1998, pp 137-147
4. H. W. S. Schroeder and M. R. Gaab: Endoscopic management of intracranial arachnoid cysts. In: D. Hellwig and B. L. Bauer (Eds.): **Minimally invasive techniques for neurosurgery**, Springer, Berlin, 1998, pp 101-105
  5. M. R. Gaab and H. W. S. Schroeder: Neuroendoscopic treatment of intraventricular tumors. In: D. F. Jimenez, (Ed): **Intracranial Endoscopic Neurosurgery**, Neurosurgical Topics, AANS, 1998, pp 171-183
  6. H. W. S. Schroeder and M. R. Gaab: Neuroendoscopic treatment of arachnoid cysts. In: D. F. Jimenez, (Ed): **Intracranial Endoscopic Neurosurgery**, Neurosurgical Topics, AANS, 1998, pp 111-123
  7. M. R. Gaab und H. W. S. Schroeder: Nervenkompressionssyndrome. Pschyrembel - Therapeutisches Wörterbuch, de Gruyter, Berlin, 1999, S. 500-503
  8. M. R. Gaab und H. W. S. Schroeder: Nervenlähmung, traumatische periphere. Pschyrembel - Therapeutisches Wörterbuch, de Gruyter, Berlin, 1999, S. 503-504
  9. M. R. Gaab und H. W. S. Schroeder: Neuroendoskopie und endoskopische Neurochirurgie. In: L. Koslowski, K.-A. Bushe, Th. Junginger, und K. Schwemmle (Eds.): **Die Chirurgie**, Schattauer, Stuttgart, 1999, S. 331-334
  10. H. W. S. Schroeder und M. R. Gaab: Postoperative Überwachung - Endoskopische intrakranielle Eingriffe. In: J. Piek, A. Unterberg (Hrsg): **Grundlagen neurochirurgischer Intensivmedizin**, Zuckschwerdt, München, 1999, S. 433-437
  11. M. R. Gaab and H. W. S. Schroeder: Neuroendoscopic approach to intraventricular tumors. In: H. H. Schmidek (Ed.): **Schmidek & Sweet Operative neurosurgical techniques: indications, methods, and results**, Saunders, Philadelphia, 2000, pp 876-890
  12. H. W. S. Schroeder: Historische Entwicklung der endoskopischen Neurochirurgie. In: Deutsche Gesellschaft für Neurochirurgie (Hrsg.): **Neurochirurgie in Deutschland: Geschichte und Gegenwart - 50 Jahre Deutsche Gesellschaft für Neurochirurgie**, Blackwell Wissenschaft, Berlin, 2001, S. 279-284
  13. M. R. Gaab, H. W. S. Schroeder and J. Oertel: Neuroendoscopic approach to intraventricular tumors. In: H. H. Schmidek (Ed.): **Schmidek & Sweet Operative neurosurgical techniques: indications, methods, and results**, Saunders, Philadelphia, 2006, pp 739-752
  14. H. W. S. Schroeder, J. Baldauf, J. Oertel, and M. R. Gaab: Manejo endoscópico de quistes intra y paraventriculares. In: C. Gagliardi, G. F. Molina, and L. M. Cuello (Eds.): **Technicas Actuales en Neurocirugia endoscopica**, Editiones De La Guadalupe, Buenos Aires, 2007, pp 145-154
  15. H. W. S. Schroeder: Arachnoid cysts. In: M. Sindou (Ed.): **Neurosurgical Handbook**,

Saunders, Philadelphia, 2009, pp 739-752

16. H. W. S. Schroeder: Current status and future developments of neuroendoscopically assisted neurosurgery. In: S. Sgouros (Ed.): **Neuroendoscopy**, Springer, Berlin, 2014, pp 65-80
17. Steffen Fleck, Jörg Baldauf, and Henry W. S. Schroeder: Endoscopic third ventriculostomy: indications, technique, outcome, and complications. In: Daniele Rigamonti (Ed.): **Adult Hydrocephalus**, Cambridge University Press, Cambridge, 2014, pp 214-227
18. Henry W. S. Schroeder: Endoskopische Carpaltunnelspaltung - biportale Technik. In: A. Assmus, G. Antoniadis (Eds.): **Nervenkompressionssyndrome**, Springer, Heidelberg, 2015, pp 253-268
19. Christian Rosenstengel und Henry W. S. Schroeder: Hemispasmus facialis. In: Dag Moskopp und Hansdetlef Wassmann (Eds.): **Neurochirurgie - Handbuch für die Weiterbildung und interdisziplinäres Nachschlagewerk**, Schattauer, Stuttgart, 2015, pp 671-674
20. M. J. Fritsch and H. W. S. Schroeder: Aqueductoplasty and Stenting. In: J. G. Torres-Corzo, L. Rangel-Castilla, P. Nakaji (Eds.): **Neuroendoscopic Surgery**, Thieme, New York, 2016, pp 233-240
21. H. W. S. Schroeder: Supraorbital Approach. In: P. Cappabianca, L. M. Cavallo, O. de Divitiis, F. Esposito (Eds.): **Midline Skull Base Surgery**, Springer, Heidelberg, 2016, pp 253-268
22. H. W. S. Schroeder: Endoscope-Assisted Microsurgery. In: A. Cohen (Ed.): **Pediatric Neurosurgery Tricks of the Trade**, Thieme, New York, 2016, pp 853-859
23. H. W. S. Schroeder: Intracranial epidermoids. In: A. Cohen (Ed.): **Pediatric Neurosurgery Tricks of the Trade**, Thieme, New York, 2016, pp 505-520
24. S. Fleck and H. W. S. Schroeder: Aqueductoplasty and Aqueductal Stenting. In: G. Cinalli, M. Ozek, and C. Sainte-Rose (Eds.): **Pediatric hydrocephalus**, 2. Ed. Springer Nature Switzerland AG 2018, pp 3-26
25. S. Marx and H. W. S. Schroeder: Olfactory Groove Meningiomas: Keyhole Craniotomy. In: James J. Evans, Tyler J. Kenning, Christopher Farrell, Varun R. Kshettry (Eds.): **Endoscopic and Keyhole Cranial Base Surgery**, Springer International, Cham, 2019, pp 208-216
26. Ehab El Refaee and Henry W. S. Schroeder: Skull Base Meningiomas: Transnasal Endoscopic versus Open Transcranial Approaches. In: Aldo C. Stamm (Ed.): **Transnasal Endoscopic Skull Base and Brain Surgery**, Thieme, New York, 2019, pp 227-236
27. HENRY W.S. SCHROEDER, RÜDIGER GERLACH, AND JÜRGEN HONEGGER: Video presentations of pituitary surgery. In: Honegger JB, Reincke M, Petersenn S (eds). Pituitary

Tumors: A Comprehensive and Interdisciplinary Approach. San Diego: Academic Press, 2021

#### 4. Kasuistiken

1. G. Lang, H. Schroeder and W. R. Warzok: Melorheostosis - a very rare entity in neurosurgery. **Neurosurg Rev** **16** (1993) 229 - 232      **IF 0.286 (1999)**
2. H. W. S. Schroeder, W.-R. Niendorf, G. Schwesinger, and M. R. Gaab: Fatal tumor hemorrhage after ventriculoperitoneal shunting. **Neuropediatrics** **26** (1995) 177-179      **IF 1.669 (1999)**
3. H. W. S. Schroeder, M. R. Gaab and R. W. Warzok: Endoscopic treatment of an unusual multicystic lesion of the brain stem. **Br J Neurosurg** **10** (1996) 193-196      **IF 0.574 (1999)**
4. H. W. S. Schroeder and M. R. Gaab: Endoscopic observation of a slit-valve mechanism in a suprasellar-preoptic arachnoid cyst: case report. **Neurosurgery** **40** (1997) 198-200      **IF 2.821 (1999)**
5. H. W. S. Schroeder, R. W. Warzok, J. A. Jamal, and M. R. Gaab: Fatal subarachnoid hemorrhage after endoscopic third ventriculostomy - Case report. **J Neurosurg** **90** (1999) 153-155      **IF 3.346 (1999)**
6. J. Baldauf, D. Junghans, H. W. S. Schroeder: Endoscope-assisted microsurgical resection of an intraneuronal ganglion cyst of the hypoglossal nerve - Case report. **J Neurosurg** **103** (2005) 920-922      **IF 3.346 (1999)**
7. Kliesch S, Vogelgesang S, Benecke R, Horstmann GA, Schroeder HW. Malignant Brain Oedema after Radiosurgery of a Medium-sized Vestibular Schwannoma. **Cen Eur Neurosurg.** 2010 May;71(2):88-91. Epub 2010 Jan 8.
8. Päslér D, Baldauf J, Runge U, Schroeder HW: Intrameatal thrombosed anterior inferior cerebellar artery aneurysm mimicking a vestibular schwannoma. **J Neurosurg.** 2011 Apr;114(4):1057-60. Epub 2010 Oct 22.
9. Fleck SK, Baldauf J, Langner S, Vogelgesang S, Schroeder HW: Arachnoid Cyst Confined to the Internal Auditory Canal-Endoscope-Assisted Resection: Case Report and Review of the Literature. **Neurosurgery.** 2011 Jan;68(1):E267-70.
10. Fleck SK, Baldauf J, Langner S, Rosenstengel C, Schroeder HW: Tonsillar herniation and syringomyelia caused by long-standing occlusive hydrocephalus due to aqueductal stenosis: rapid resolution after endoscopic third ventriculostomy--a case report. **J Neurol Neurosurg Psychiatry.** 2011 Feb 12. [Epub ahead of print]

11. Rosenstengel C, Baldauf J, Müller JU, Schroeder HW: Sudden intraaqueductal dislocation of a third ventricle ependymoma causing acute decompensation of hydrocephalus. **J Neurosurg Pediatr.** 2011 Aug;8(2):154-7
12. Guhl S, Kirsch M, Lauffer H, Fritsch M, Schroeder HW: Unusual mesencephalic developmental venous anomaly causing obstructive hydrocephalus due to aqueductal stenosis. **J Neurosurg Pediatr.** 2011 Oct;8(4):407-10.
13. El Refae E, Baldauf J, Schroeder HW: Bilateral occlusion of the foramina of Monro after third ventriculostomy. **J Neurosurg.** 2012 Jun;116(6):1333-6. Epub 2012 Mar 16.
14. El Refae EA, Baldauf J, Balau V, Rosenstengel C, Schroeder HW: 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
15. Marx S, Fleck SK, Manwaring J, Vogelgesang S, Langner S, Schroeder HW: Primary leptomeningeal melanoma of the cervical spine mimicking a meningioma-a case report. **J Neurol Surg Rep.** 2014 Aug;75(1):e93-7
16. Shoubash L, Nowak S, Vogelgesang S, Schroeder HWS, Müller JU.: Surgical management of an adult manifestation of Ewing sarcoma of the spine-a case report. **AME Case Rep.** 2018 Jun 29;2:34.
17. El Refae E, Matthes M, Schroeder HWS: Value of Endoscopic Visualization During the Sling-Transposition Technique for Microvascular Decompression of the Facial Nerve in a Case with Hemifacial Spasm. **World Neurosurg.** 2022 Jul;163:4. Epub 2022 Apr 2.