

Volker Seifert



Past President of The [German Society of Neurosurgery](#).

Professor and Chairman Department of Neurosurgery Director: Center of Clinical Neurosciences Johann Wolfgang Goethe-University Frankfurt am Main Germany Curriculum vitae 1981 Medical exam at the Medical School Hannover 1981 - 1987 Residency at the Department of Neurosurgery of the Medical School Hannover 1987 Associate Professor of Neurosurgery of the Medical School Hannover 1991 Appointment as Associate Professor of Neurosurgery and Vice-Director of the Department of Neurosurgery of the University of Essen. 1994 Appointment as Professor and Chairman of the Department of Neurosurgery of the University of Leipzig 1998 Appointment as Professor and Chairman of the Department of Neurosurgery of the Johann Wolfgang Goethe University Frankfurt am Main Since 2000 Director of the Center of Neurology and Neurosurgery (Center of Clinical Neurosciences) of the Johann Wolfgang Goethe University Frankfurt am Main Over 500 scientific publications in international journals and medico/surgical textbooks Special neurosurgical expertise in: Microsurgical and minimally invasive brain tumor surgery Microsurgery of cerebral aneurysms and cerebrovascular malformations Microsurgery of complex skull base tumors Microsurgery of the spine Computer and Image-guided microneurosurgery Extract of Academic, administrative and institutional affiliations: Senior Delegate of the German Society of Neurosurgery to the World Federation of Neurosurgery (WFNS) Past Delegate of the German Society of Neurosurgery to the European Association Of Neurosurgical Societies Training Committee Member of the Skull Base Surgery Committee of the World Federation of Neurosurgery (WFNS) Member of the Cerebrovascular Committee of the World Federation of Neurosurgery (WFNS) Member of the Academia Eurasiana Neurochirurgica Member of the board of the German Society of Computer and Robot-assisted Surgery Past Member of the Interdisciplinary Research Committee of the German Ministry of Health of the German Federal Government Member of the Scientific Council of the International Society of Surgery of Meningiomas and the Venous system Past Chairman of the Audit Committee of the World Federation of Neurosurgical Societies.(WFNS) Honorary Member of the Royal College of Neurosurgeons of Thailand Member of the Society of University Neurosurgeons Member of the American Academy of Neurosurgery Member of the World Academy of Neurosurgery Past President of the German Society of Skull Base Surgery Past President of the German Academy of Neurosurgery Current President of The German Society of Neurosurgery

Publications

1: Seifert V, Güresir E, Vatter H. Exclusively intradural exposure and clip reconstruction in complex

- paraclinoid aneurysms. *Acta Neurochir (Wien)*. 2011 Nov;153(11):2103-9. doi: 10.1007/s00701-011-1171-6. Epub 2011 Sep 28. Review. PubMed PMID: 21953478.
- 2: Seifert V, Gasser T, Senft C. Low field intraoperative MRI in glioma surgery. *Acta Neurochir Suppl*. 2011;109:35-41. doi: 10.1007/978-3-211-99651-5_6. Review. PubMed PMID: 20960318.
- 3: Seifert V. Clinical management of petroclival meningiomas and the eternal quest for preservation of quality of life: personal experiences over a period of 20 years. *Acta Neurochir (Wien)*. 2010 Jul;152(7):1099-116. doi: 10.1007/s00701-010-0633-6. Epub 2010 Apr 25. PubMed PMID: 20419460.
- 4: Seifert V. Intraoperative MRI in neurosurgery: technical overkill or the future of brain surgery? *Neurol India*. 2003 Sep;51(3):329-32. Review. PubMed PMID: 14652431.
- 5: Seifert V, Raabe A, Zimmermann M. Conservative (labyrinth-preserving) transpetrosal approach to the clivus and petroclival region—indications, complications, results and lessons learned. *Acta Neurochir (Wien)*. 2003 Aug;145(8):631-42; discussion 642. PubMed PMID: 14520541.
- 6: Seifert V. How to choose a magnet—reflections on the development of MRI-guided neurosurgery. *Acta Neurochir Suppl*. 2003;85:15-20. PubMed PMID: 12570133.
- 7: Seifert V, Raabe A, Stolke D. Management-related morbidity and mortality in unselected aneurysms of the basilar trunk and vertebrobasilar junction. *Acta Neurochir (Wien)*. 2001;143(4):343-8; discussion 348-9. PubMed PMID: 11437287.
- 8: Seifert V, Zimmermann M, Trantakis C, Vitzthum HE, Kühnel K, Raabe A, Bootz F, Schneider JP, Schmidt F, Dietrich J. Open MRI-guided neurosurgery. *Acta Neurochir (Wien)*. 1999;141(5):455-64. PubMed PMID: 10392200.
- 9: Seifert V, Stolke D. Posterior transpetrosal approach to aneurysms of the basilar trunk and vertebrobasilar junction. *J Neurosurg*. 1996 Sep;85(3):373-9. PubMed PMID: 8751618.
- 10: Seifert V, Stolke D, Mehdorn HM, Hoffmann B. Clinical and radiological evaluation of long-term results of stereotactic proton beam radiosurgery in patients with cerebral arteriovenous malformations. *J Neurosurg*. 1994 Nov;81(5):683-9. PubMed PMID: 7931614.
- 11: Seifert V. [Neurosurgical therapy of subarachnoid hemorrhage. Microsurgical techniques—early postoperative nimodipine administration]. *Fortschr Med*. 1993 Oct 10;111(28):433-6. Review. German. PubMed PMID: 8282286.
- 12: Seifert V, Dietz H. Combined orbito-frontal, sub- and infratemporal fossa approach to skull base neoplasms. Surgical technique and clinical application. *Acta Neurochir (Wien)*. 1992;114(3-4):139-44. PubMed PMID: 1580193.
- 13: Seifert V, Stolke D. Multisegmental cervical spondylosis: treatment by spondylectomy, microsurgical decompression, and osteosynthesis. *Neurosurgery*. 1991 Oct;29(4):498-503. PubMed PMID: 1944828.
- 14: Seifert V, Gaab MR. Laser-assisted microsurgical extirpation of a brain stem cavernoma: case report. *Neurosurgery*. 1989 Dec;25(6):986-90. PubMed PMID: 2601833.
- 15: Seifert V, Stolke D. Laser-assisted reconstruction of the oculomotor nerve: experimental study on the feasibility of cranial nerve repair. *Neurosurgery*. 1989 Oct;25(4):579-82; discussion 582-3. PubMed PMID: 2797395.

16: Seifert V, Eisert WG, Stolke D, Goetz C. Efficacy of single intracisternal bolus injection of recombinant tissue plasminogen activator to prevent delayed cerebral vasospasm after experimental subarachnoid hemorrhage. *Neurosurgery*. 1989 Oct;25(4):590-8. PubMed PMID: 2507953.

17: Seifert V, Stolke D, Kunz U, Resch K. Influence of blood volume on cerebrospinal fluid levels of arachidonic acid metabolites after subarachnoid hemorrhage: experimental study on the pathogenesis of cerebral vasospasm. *Neurosurgery*. 1988 Sep;23(3):313-21. PubMed PMID: 3147407.

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