

Publikationsliste

Originalarbeiten (peer review)

a) Erst-/Senior-Autor

1. **Asgari S**, Doerfler A, Wanke I, Schoch B, Forsting M, Stolke D (2002) Complementary management of partially occluded aneurysms by using surgical or endovascular therapy. *Journal of Neurosurgery* 97, 843-850
2. **Asgari S**, Dörfler A, Engelhorn T, Röhrborn HJ, Stolke D (2002) In-vivo measurement of cytochrome using NIRS during acute focal cerebral ischaemia and reperfusion in rats. *Zentralblatt für Neurochirurgie* 63, 146-152
3. **Asgari S**, Engelhorn T, Bschor M, Sandalcioglu IE, Stolke D (2003) Surgical prognosis in hindbrain related syringomyelia. *Acta Neurologica Scandinavica* 107, 12-21
4. **Asgari S**, Engelhorn T, Brondics A, Sandalcioglu IE, Stolke D (2003) Transcortical or transcallosal approach to ventricle-associated lesions: a clinical study on the prognostic role of surgical approach. *Neurosurgical Review* 26, 192-197
5. **Asgari S**, Röhrborn HJ, Engelhorn T, Fauser B, Stolke D (2003) Intraoperative measurement of cortical oxygen saturation and blood volume adjacent to cerebral AVM using near-infrared spectroscopy. *Neurosurgery* 52, 1298-1304
6. **Asgari S**, Röhrborn HJ, Engelhorn T, Stolke D (2003) Intraoperative characterization of gliomas by near-infrared spectroscopy: possible association with prognosis. *Acta Neurochirurgica (Wien)* 145, 453-459
7. **Asgari S**, Wanke I, Schoch B, Stolke D (2003) Recurrent hemorrhage after initially complete occlusion of intracranial aneurysms. *Neurosurgical Review* 26, 269-274

8. **Asgari S**, Bassiouni H, Hunold A, Klassen PD, Stolke D, Sandalcioglu IE (2008) Extensive brain swelling with neurological deterioration after intracranial meningioma surgery – Venous complication or ‘unspecific’ increase in tissue permeability ? *Zentralblatt für Neurochirurgie* 69, 22-29
9. Sandalcioglu IE, Hunold A, Müller O, Bassiouni H, Stolke D, **Asgari S** (2008) Spinal meningiomas: critical review of 131 surgically treated patients. *European Spine Journal* 17, 1035-1041
10. **Asgari S**, Bassiouni H, Massoud N, Schlamann M, Stolke D, Sandalcioglu IE. (2009) Decompressive laminoplasty in multisegmental cervical spondylotic myelopathy: bilateral cutting versus open-door technique. *Acta Neurochir (Wien)* 151, 739-749
11. **Asgari S**, Bassiouni H, Gizewski E, van de Nes JA, Stolke D, Sandalcioglu IE (2010) AVM resection after radiation – therapy, clinico-morphological features and microsurgical results. *Neurosurg Rev* 33, 53-61
12. Özkan N, Sandalcioglu IE, Petr O, Kurniawan A, Dammann P, Schlamann M, Sure U, **Asgari S** (2011) Minimally invasive transpedicular dorsal stabilization of the thoracolumbar and lumbar spine using the MANTIS system: preliminary clinical results in 52 patients. *J Neurol Surg A Cent Eur Neurosurg* 73, 369-376

b) Co-Autor

1. Steinberg F, Röhrborn HJ, Scheufler KM, **Asgari S**, Trost HA, Seifert V, Stolke D, Streffer C (1997) NIR reflection spectroscopy based oxygen measurements and therapy monitoring in brain tissue and intracranial neoplasms. Correlation to MRI and angiography. *Advances in Experimental Medicine & Biology* 428, 553-560
2. Doerfler A, Wanke I, Egelhof T, Dietrich U, **Asgari S**, Stolke D, Forsting M (2001) Aneurysmal rupture during embolization with Guglielmi detachable coils: Causes, management, and outcome. *AJNR American Journal of Neuroradiology* 22, 1825-1832

3. Sandalcioglu IE, Wiedemayer H, Secer S, **Asgari S**, Stolke D (2002) Surgical removal of brain stem cavernous malformations: surgical indications, technical considerations, and results. *Journal of Neurology, Neurosurgery and Psychiatry* 72, 351-355
4. Dietrich U, Wanke I, **Asgari S**, Forsting M, Oppel F (2003) Durafisteln mit intrakranieller Blutung: Diagnostische und therapeutische Aspekte. *Zentralblatt für Neurochirurgie* 64, 12-18
5. Sandalcioglu IE, Wiedemayer H, Gasser T, **Asgari S**, Engelhorn T, Stolke D (2003) Intramedullary spinal cord cavernous malformations: Clinical features and the risk of hemorrhage. *Neurosurgical Review* 26, 253-256
6. Bassiouni H, Hunold A, **Asgari S**, Stolke D (2004) Meningiomas of the posterior petrous bone: functional outcome after microsurgery. *Journal of Neurosurgery* 100, 1014-1024
7. Bassiouni H, Hunold A, **Asgari S**, Stolke D (2004) Tentorial meningiomas: clinical results in 81 patients treated microsurgically. *Neurosurgery* 55, 108-116
8. Sandalcioglu IE, Gasser T, **Asgari S**, Lazorisak A, Engelhorn T, Egelhof T, Stolke D, Wiedemayer H (2005) Functional outcome after surgical treatment of intramedullary spinal cord tumors: experience with 78 patients. *Spinal Cord* 43, 34-41
9. Bassiouni H, Hunold A, **Asgari S**, Hubschen U, König HJ, Stolke D (2004) Spinal intradural juxtamedullary cysts in the adult: surgical management and outcome. *Neurosurgery* 55, 1352-1359
10. Bassiouni H, **Asgari S**, Stolke D (2006) Tuberculum sellae meningiomas: functional outcome in a consecutive series treated microsurgically. *Surgical Neurology* 66, 37-44
11. Bassiouni H, **Asgari S**, Hubschen U, König HJ, Stolke D (2006) Dural involvement in primary extradural meningiomas of the cranial vault. *Journal of Neurosurgery* 105, 51-59

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14. Bassiouni H, **Asgari S**, Hübschen U, König HJ, Stolke D (2007) Intracranial hemangiopericytoma: treatment outcomes in a consecutive series. *Zentralblatt für Neurochirurgie* 68, 111-118
15. Bassiouni H, **Asgari S**, König HJ, Stolke D (2007) Meningiomas of the falcotentorial junction: selection of the surgical approach according to the tumor type. *Surgical Neurology* 69, 339-349
16. Panagiotopoulos V, Gizewski E, **Asgari S**, Forsting M, Wanke I (2008) Embolization of intracranial arteriovenous malformations with ethylene-vinyl alcohol copolymer (Onyx). *AJNR American Journal of Neuroradiology* 30, 99-106
17. Panagiotopoulos V, Möller-Hartmann W, **Asgari S**, Sandalcioglu IE, Forsting M, Wanke I (2009) Onyx embolization as a first line treatment for intracranial dural arteriovenous fistulas with cortical venous reflux. *Röfo* 181, 129-138
18. Bassiouni H, **Asgari S**, Sandalcioglu IE, Seifert V, Stolke D, Marquardt G (2009) Anterior clinoidal meningiomas: functional outcome after microsurgical resection in a consecutive series of 106 patients. *J Neurosurg* 111, 1078-1090
19. El Hindy N, Adamzik M, Lambertz N, Bachmann HS, Worm K, Egensperger R, Frey UH, **Asgari S**, Sure U, Siffert W, Sandalcioglu IE (2010) Association of the GNB3 825T-allele with better survival in patients with glioblastoma multiforme. *J Cancer Res Clin Oncol* 136, 1423-1429

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21. Sandalcioglu IE, **Asgari S**, Wende D, van de Nes JA, Dumitru CA, Zhu Y, Gizewski ER, Stolke D, Sure U (2010) Proliferation activity is significantly elevated in partially embolized cerebral arteriovenous malformations. *Cerebrovasc Dis* 30, 396-401
22. Dammann P, **Asgari S**, Bassiouni H, Gasser T, Panagiotopoulos V, Gizewski ER, Stolke D, Sure U, Sandalcioglu IE (2010) Spontaneous cerebellar hemorrhage-experience with 57 surgically treated patients and review of the literature. *Neurosurg Rev* 34, 77-86
23. Panagiotopoulos V, Ladd SC, Gizewski ER, **Asgari S**, Sandalcioglu IE, Forsting M, Wanke I (2010) Recovery of ophthalmoplegia after endovascular treatment of intracranial aneurysms. *AJNR Am J Neuroradiol* 32, 276-282
24. Schäfer ST, Sandalcioglu IE, Stegen B, Neumann A, **Asgari S**, Peters J (2011) Venous air embolism during semi-sitting craniotomy evokes thrombocytopenia. *Anaesthesia* 66, 25-30
25. Ardeshiri A, **Asgari S**, Lemonas E, Özkan N, Schlamann M, Sure U, Sandalcioglu IE (2013) Elderly patients are at increased risk for mortality undergoing surgical repair of dens fractures. *Clin Neurol Neurosurg* 115, 2056-2061

Übersichtsarbeiten

1. Stolke D, **Asgari S** (1997) Die Behandlung der zervikalen Myelopathie. *Aktuelle Neurologie* 24, 266-270
2. **Asgari S**, Brondics A, Sandalcioglu IE, Schäfer H, Stolke D (2002) Idiopathische Rückenmarksherniation: Literaturübersicht und eigene Erfahrung. *Aktuelle Neurologie* 29, 382-388

3. **Asgari S**, Doerfler A, Forsting M, Stolke D (2002) Modern treatment of intracranial aneurysms by interdisciplinary approach. *The Iranian Journal of Science (Dialogue)* 2, 1-9

Fallberichte

Holle D, Sandalcioglu IE, Gizewski ER, **Asgari S**, Timmann D, Diener HC, Weimar C (2008) Association of superficial siderosis of the central nervous system and low pressure headache. *Journal of Neurology* 255, 1081-1082

Buchbeiträge

1. **Asgari S** (1993) Cervical spondylotic myelopathy. In: Palmer JD (Ed) Neurosurgery. Newman Thomson, Brighton, Sussex, S. I.30-I.33
2. **Asgari S** (1996) Cervical spondylotic myelopathy. In: Palmer JD (Ed) Neurosurgery 96 – Manual of Neurosurgery. Churchill Livingstone, London, S. 750-754
3. **Asgari S**, Trost HA, Stolke D (1996) Die Behandlung einfacher und komplexer Schädeldefekte mittels split calvaria cranioplasty. In: Berghaus A (Ed) Plastische und Wiederherstellungschirurgie. Einhorn-Press Verlag, Hamburg, S. 129-133
4. Bassiouni H, **Asgari S** (2011) Tentorial meningiomas. In: Al-Mefty O, DeMonte F, McDermott MW (Eds) Al-Mefty's Meningiomas. 2nd Edition, Thieme Verlag, New York, 168-176
5. **Asgari S** (2011) Intraoperative near-infrared spectroscopy of gliomas as a prognostic tool. In: Popp J (Ed) Handbook of Biophotonics, Vol. 2 Photonics for health care. 1st Edition, Wiley-VCH Verlag, Mannheim, in press

Kommentare

1. **Asgari S** (2008) Aneurysm clipping after endovascular treatment with coils: a report of 13 cases. *Neurosurg Rev* 31, 410
2. **Asgari S** (2011) Clinical presentation and treatment of distal posterior inferior cerebellar artery aneurysms. *Neurosurg Rev* 34, 67
3. **Asgari S** (2011) Greater petrosal nerve schwannomas – analysis of four cases and review of the literature. *Neurosurg Rev* 33, 482
4. **Asgari S** (2011) Natural history of idiopathic normal pressure hydrocephalus. *Neurosurg Rev* 34, 439
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8. **Asgari S** (2013) Endoscopic surgery for tuberculum sellae meningiomas: a systematic review and meta-analysis. *Neurosurg Rev* 36, 359
9. **Asgari S** (2014) Anterior transfrontal endoscopic management of colloid cyst: an effective, safe, and elegant way of treatment. Case series and technical note from a multicenter prospective study. *Neurosurg Rev* 37, 241
10. **Asgari S** (2015) Clinical outcome and prognostic factors of patients with angiogram-negative and non-perimesencephalic subarachnoid hemorrhage: benign prognosis like perimesencephalic SAH or same risk as aneurysmal SAH ? *Neurosurg Rev* 38, 127
11. **Asgari S** (2015) Surgery in extensive vertebral hemangioma: case report, literature review and a new algorithm proposal. *Neurosurg Rev* 38, 592