

Summary of Curriculum Vitae



Application for the position of:

Member Representative

Personal Details

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Email	Ehab.shibani@tum.de		
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Institution/Organization Details

Hospital/Institution	Neurosurgery Department, Technical University of Munich		
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Education

Graduate education

2000-2001 Computer engineering, Technion, Israel Institute of Technology, Haifa, Israel
2001-2002 German school, Hartnack language school, Berlin, Germany
2002-2008 Medical school, University of Ulm, Germany
2008 Subinternship, UC Davis, Sacramento, California, USA
2008 Subinternship, Rambam medical center Haifa Israel
2008 Graduation from the University of Ulm, Germany, Medical Doctor's Degree
2004-2008 Doctoral Thesis at the Department Anatomy and cell biology, University of Ulm, Germany

Specialty training

2009-2015 Residency: Department of Neurosurgery, Technical University of Munich, Germany (Prof. Dr. Bernhard Meyer)
05-2015 Board Examination as Certified Neurosurgeon, by the Regional Chamber of Physicians of Bavaria, Germany
11-2015 Associated Professor of Neurosurgery (Privat Dozent)
02-2016 Attending Neurosurgeon with Prof. Bernhard Meyer

Professional Information

Current professional positions (include title and institution)

Attending
Neurosurgery Department
Klinikum rechts der Isar (TUM)
Ismaninger Str. 22, 81675 Munich, Germany

Current academic positions (include title and institution)

Associated Professor of Neurosurgery (Privat Dozent)
Technical University of Munich

AO History

AO activities (courses/training, faculty, council, board/commission)

Presented talks in:
GSG Hong Kong
GSG Dubai
Accepted presentations for CGS Miland .

Bibliography

Peer-reviewed publications

1. Shiban E, Janssen I, da Cunha PR, Rainer J, Stoffel M, Lehmborg J, Ringel F, Meyer B. Safety and efficacy of polyetheretherketone (PEEK) cages in combination with posterior pedicle screw fixation in pyogenic spinal infection. *Acta Neurochir (Wien)*. 2016 Oct;158(10):1851-7.
2. Shiban E, von Lehe M, Simon M, Clusmann H, Heinrich P, Ringel F, Wilhelm K, Urbach H, Meyer B, Stoffel M. Evaluation of degenerative disease of the lumbar spine: MR/MR myelography versus conventional myelography/post-myelography CT. *Acta Neurochir (Wien)*. 2016 Aug;158(8):1571-8. doi: 10.1007/s00701-016-2849-6.
3. Shiban E, Gapon K, Wostrack M, Meyer B, Lehmborg J. Clinical and radiological outcome after anterior cervical discectomy and fusion with stand-alone empty polyetheretherketone (PEEK) cages. *Acta Neurochir (Wien)*. 2015 Dec 1. [Epub ahead of print]
4. Shiban E, Török E, Wostrack M, Meyer B, Lehmborg J. The far-lateral approach: destruction of the condyle does not necessarily result in clinically evident craniovertebral junction instability. *J Neurosurg*. 2015 Nov 6:1-6. [Epub ahead of print]
5. Kaesmacher J, Müller-Leisse C, Huber T, Boeckh-Behrens T, Haller B, Shiban E, Friedrich B, Zimmer C, Dorn F, Prothmann S. Volume versus standard coils in the treatment of intracranial aneurysms. *J Neurointerv Surg*. 2015 Oct 21.
6. Obermueller T, Schaeffner M, Shiban E, Droese D, Negwer C, Meyer B, Ringel F, Krieg SM. Intraoperative neuromonitoring for function-guided resection differs for supratentorial motor eloquent gliomas and metastases. *BMC Neurol*. 2015 Oct 20;15:211
7. Obermüller T, Wostrack M, Shiban E, Pape H, Harmening K, Friedrich B, Prothmann S, Meyer B, Ringel F. Vertebral artery injury during foraminal decompression in "low-risk" cervical spine surgery: incidence and management. *Acta Neurochir (Wien)*. 2015 Nov;157(11):1941-5.
8. Shiban E, Zerr M, Huber T, Boeck-Behrends T, Wostrack M, Ringel F, Meyer B, Lehmborg J. Poor diagnostic accuracy of transcranial motor and somatosensory evoked potential monitoring during brainstem cavernoma resection. *Acta Neurochir (Wien)*. 2015 Sep 7. [Epub ahead of print].
9. Shiban E, Wunderlich S, Kreiser K, Lehmborg J, Hemmer B, Prothmann S, Zimmer C, Meyer B, Ringel F. Predictive value of transcranial evoked potentials during mechanical endovascular therapy for acute

- ischaemic stroke: a feasibility study. *J Neurol Neurosurg Psychiatry*. 2015 Jun 10 [Epub ahead of print]
10. Shiban E, Krieg SM, Haller B, Buchmann N, Obermueller T, Boeckh-Behrens T, Wostrack M, Meyer B, Ringel F. Intraoperative subcortical motor evoked potential stimulation: how close is the corticospinal tract? *J Neurosurg*. 2015 Sep;123(3):711-20.
 11. Shiban E, Krieg SM, Obermueller T, Wostrack M, Meyer B, Ringel F. Continuous subcortical motor evoked potential stimulation using the tip of an ultrasonic aspirator for the resection of motor eloquent lesions. *J Neurosurg*. 2015 Aug;123(2):301-6
 12. Wostrack M, Friedrich B, Hammer K, Harmening K, Stankewitz A, Ringel F, Shiban E, Boeckh-Behrens T, Prothmann S, Zimmer C, Meyer B, Förschler A, Ryang YM. Hippocampal damage and affective disorders after treatment of cerebral aneurysms. *J Neurol*. 2014 Aug. Epub ahead of print
 13. Shiban E & Bernhard Meyer. Treatment considerations of cervical spondylotic myelopathy. *Neurology: clinical practice*. 2014 Aug. Epub ahead of print
 14. Wostrack M, Reeb T, Martin J, Kehl V, Shiban E, Preuss A, Ringel F, Meyer B, Ryang YM. Shunt-dependent hydrocephalus after aneurysmal subarachnoid hemorrhage: the role of intrathecal interleukin-6. *Neurocrit Care*. 2014 Aug;21(1):78-84.
 15. Gutierrez B, Mateus D, Shiban E, Meyer B, Lehmborg J, Navab N. A sparse approach to build shape models with routine clinical data. *Biomedical Imaging (ISBI), 2014 IEEE 11th International Symposium*; 04/2014
 16. Shiban E, Janssen I, Wostrack M, Krieg SM, Horanin M, Stoffel M, Meyer B, Ringel F. Spondylodiscitis by drug-multiresistant bacteria: a single-center experience of 25 cases. *Spine J*. 2014 Apr 4. pii: S1529-9430(14)00356-8.
 17. Shiban E, Janssen I, Wostrack M, Krieg SM, Ringel F, Meyer B, Stoffel M. A retrospective study of 113 consecutive cases of surgically treated spondylodiscitis patients. A single-center experience. *Acta Neurochir (Wien)*. 2014 Jun;156(6):1189-96.
 18. Krieg SM, Sabih J, Bulbasova L, Obermueller T, Negwer C, Janssen I, Shiban E, Meyer B, Ringel F. Preoperative motor mapping by navigated transcranial magnetic brain stimulation improves outcome for motor eloquent lesions. *Neuro Oncol*. 2014 Sep;16(9):1274-82.
 19. Wostrack M, Shiban E, Obermueller T, Gempt J, Meyer B, Ringel F. Conus medullaris and cauda equina tumors: clinical presentation, prognosis, and outcome after surgical treatment: clinical article. *J Neurosurg Spine*. 2014 Mar;20(3):335-43.
 20. Gempt J, Krieg SM, Hüttinger S, Buchmann N, Ryang YM, Shiban E, Meyer B, Zimmer C, Förschler A, Ringel F. Postoperative ischemic changes after glioma resection identified by diffusion-weighted magnetic resonance imaging and their association with intraoperative motor evoked potentials. *J Neurosurg*. 2013 Oct;119(4):829-36.
 21. Krieg SM, Schnurbus L, Shiban E, Droese D, Obermueller T, Buchmann N, Gempt J, Meyer B, Ringel F. Surgery of highly eloquent gliomas primarily assessed as non-resectable: risks and benefits in a cohort study. *BMC Cancer*. 2013 Feb 2;13:51.
 22. Krieg SM, Schäffner M, Shiban E, Droese D, Obermüller T, Gempt J, Meyer B, Ringel F. Reliability of intraoperative neurophysiological monitoring using motor evoked potentials during resection of metastases in motor-eloquent brain regions: clinical article. *J Neurosurg*. 2013 Jun;118(6):1269-78.
 23. Aldinger FA, Shiban E, Gempt J, Meyer B, Kreutzer J, Krieg SM. Hollow screws: a diagnostic tool for intracranial empyema. *Acta Neurochir (Wien)*. 2013 Feb;155(2):373-7.

24. Krieg SM, Shiban E, Buchmann N, Meyer B, Ringel F. Presurgical navigated transcranial magnetic brain stimulation for recurrent gliomas in motor eloquent areas. *Clin Neurophysiol*. 2013 Mar;124(3):522-7.
25. Wostrack M, Shiban E, Harmening K, Obermueller T, Ringel F, Ryang YM, Meyer B, Stoffel M. Surgical treatment of symptomatic cerebral cavernous malformations in eloquent brain regions. *Acta Neurochir (Wien)*. 2012 Aug;154(8):1419-30.
26. Schmeisser MJ, Ey E, Wegener S, Bockmann J, Stempel AV, Kuebler A, Janssen AL, Udvardi PT, Shiban E, Spilker C, Balschun D, Skryabin BV, Dieck St, Smalla KH, Montag D, Leblond CS, Faure P, Torquet N, Le Sourd AM, Toro R, Grabrucker AM, Shoichet SA, Schmitz D, Kreutz MR, Bourgeron T, Gundelfinger ED, Boeckers TM. Autistic-like behaviours and hyperactivity in mice lacking ProSAP1/Shank2. *Nature*. 2012 Apr 29;486(7402):256-60.
27. Krieg SM, Shiban E, Buchmann N, Gempt J, Foerschler A, Meyer B, Ringel F. Utility of presurgical navigated transcranial magnetic brain stimulation for the resection of tumors in eloquent motor areas. *J Neurosurg*. 2012 May;116(5):994-1001.
28. Krieg SM, Shiban E, Droese D, Gempt J, Buchmann N, Pape H, Ryang YM, Meyer B, Ringel F. Predictive value and safety of intraoperative neurophysiological monitoring with motor evoked potentials in glioma surgery. *Neurosurgery*. 2012 May;70(5):1060-70; discussion 1070-1.
29. Krieg SM, Buchmann NH, Gempt J, Shiban E, Meyer B, Ringel F. Diffusion tensor imaging fiber tracking using navigated brain stimulation--a feasibility study. *Acta Neurochir (Wien)*. 2012 Mar;154(3):555-63.
30. Shiban E, Ringel F, Liebig T, Stoffel M, Lehmborg J, Meyer B. An unusual case of a rare disease pelvic arteriovenous malformation concealing a spinal dural arteriovenous fistula. *Acta Neurochir (Wien)*. 2011 Jun;153(6):1283-4.
31. Ringel F, Gempt J, Buchmann N, Krieg S, Pape H, Shiban E, Ryang YM, Meyer B. Stellenwert der Tumorresektion in der interdisziplinären Behandlung hirneigener Tumore.
32. Heinen C, Richter H.P., R. König R, Shiban E, Golenhofen N, Antoniadis G. Die endoskopische Dekompression des Kubitaltunnelsyndroms – Anatomische Grundlagen und erste klinische Ergebnisse. *Handchirurgie · Mikrochirurgie · Plastische Chirurgie* 02/2009; 41(01):23-27.

Editorial activities

None

Other relevant activities/and memberships

Membership of scientific societies

AOspine, German Society of Neurosurgery (DGNC), German Society of Spinal Surgery (DWG), German Society of Skull Base Surgery (DGBS), European Association of Neurosurgeons (EANS), American Congress of Neurological Surgeons (CNS).

Reviewer

The Spine Journal, Journal of Neurology & Neurophysiology, Journal of Neuroinfectious Diseases, Journal of Neurology, US Neurology, Neurosurgical Review. Journal of Neurosurgery.

Faculty for:

EANS (European association of neurosurgery) Europe advanced spine course

EANS (European association of neurosurgery) Dubai spine trainee course

SYNS (Swiss young neurosurgeons) spine trainee course