

Dr. Amin Amini Publications

Peer-reviewed articles

1. Stefferl A, Schubart A, Storch M, **Amini A**, Mather I, Lassmann H, Linington C. Butyrophilin, a milk protein, modulates the encephalitogenic T cell response myelin oligodendrocyte glycoprotein in experimental autoimmune encephalomyelitis. **J Immunol** 165: 2859-2865, **2000**
2. **Amini A**, Schmidt MH. Syndrome of inappropriate secretion of antidiuretic hormone and hyponatremia after spinal surgery. **Neurosurg Focus** 16(4): **2004**
3. Liu JK, Gottfried ON, **Amini A**, Couldwell WT. Aneurysms of the petrous internal carotid artery: anatomy, etiology and treatment. **Neurosurg Focus** 17(5): **2004**
4. **Amini A**, Schmidt RH. Endoscopic third ventriculostomy in adult patients: a series of 36 patients. **Neurosurg Focus** 19(6): **2005**
5. **Amini A**, Beisse R, Schmidt MH. Thoracoscopic spine surgery for decompression and stabilization of the anterolateral thoracic and lumbar spine. **Neurosurg Focus** 19(6): **2005**
6. **Amini A**, McCall TD, Osborn AG, Couldwell WT. Remote cerebellar hemorrhage. **AJNR Am J Neuroradiol.** Feb;27(2): **2006**
7. **Amini A**, Schmidt RH, Salzman KL, Chin SS, Couldwell WT. Glioblastoma multiforme of the pineal region. **J Neuro-Oncol.** April: **2006**
8. **Amini A**, Digre K, Couldwell WT. Photophobia in a blind patient: an alternate visual pathway. **J Neurosurg.** Nov;105 (5): **2006**
9. **Amini A**, Liu JK, Kan P, Walker ML, Brockmeyer DL. Cerebrospinal fluid dissecting into spinal epidural space after lumbar puncture causing cauda equina syndrome: case report. **Child's Nerv System,** Dec;22 (12): **2006**
10. Couldwell WT, Liu JK, **Amini A**, Kan P. Zygoma-sparing submandibular-infratemporal interpositional saphenous vein graft bypass for the treatment of a malignant skull base tumor: Technical note. **Neurosurgery, Oct: 59 (2): 2006**
11. Kan P, **Amini A**, Hansen R, White GL, Walker ML, Kestle JRW. Outcomes after decompressive craniectomy for severe traumatic brain injury in children. **J Neurosurg** Nov;105(5 Suppl): **2006**
12. **Amini A**, Liu JK, Kestle JK, Disseminated medulloblastoma: case illustration. **J Neuro-Oncl,** Dec, **2006**
13. **Amini A**, Chin SS, Schmidt MH. Glioblastomatous transformation of conus medullaris ganglioglioma treated with cordectomy: Case report, **J Neuro-Oncl.** May;82(3): **2007**
14. **Amini A**, Apfelbaum RI, Schmidt MH. Chylorrhea: a rare complication of thoracoscopic discectomy of thoracolumbar junction. **J Neurosurg Spine** Jun;6(6): **2007**

15. Kan P, Gooch, J, **Amini A**, Ploeger D, Grams, B, Oberg W, Simonsen S, Walker ML, Kestle J: Surgical treatment of spasticity in children: comparison of selective dorsal rhizotomy and intrathecal baclofen pump implantation. **Childs Nerv Syst.** Sep 5; **2007**
16. **Amini A**, Beisse R, Schmidt MH. Thoracoscopic debridement and stabilization of pyogenic vertebral osteomyelitis: Case report. **Surg Laparosc Endosc Percutan Tech.** Aug;17(4): **2007**
17. Ragel BT, **Amini A**, Schmidt MH. Thoracoscopic vertebral body replacement with an expandable cage after ventral spinal canal decompression. **Neurosurgery, Operative Nuances** Nov; 61 (5 Suppl 2) 2007
18. **Amini A**, Kan P, Schmidt MH, Apfelbaum RI. Anterior Cervical Decompression, Instrumentation, and Fusion in Treatment of Acute Traumatic Subaxial Cervical Spine Injury: A Review of 349 Consecutive Patients. **J Neurosurg Spine** (Submitted)
19. **Amini A**, Ragel BT, Brocke D, Schmidt MH. The X-Stop :A new device with new challenges and complications. **Neurol India** (Submitted)
20. Binning MJ, Hauschild TB, **Amini A**, MacDonald JD. Delayed Post-traumatic Saccular Aneurysm of PICA in an Adolescent. **ACTA Neurosurg** Apr 2009 (Epublished ahead of print)
21. Eskandari R, **Amini A**, Yonemura KS, Couldwell WT. The use of Olympus EndoArm endoscope for spinal and skull-based transphenoidal neurosurgery. **Neurosurgery Operative Nuances** Dec 51; (6) 2008
22. **Amini A**, Kan P, Schmidt MH, Apfelbaum RI. Bilateral cervical facet dislocation: mechanism, clinical outcomes of treatment by anterior cervical surgery: A review of 43 consecutive patients. (In progress)
23. **Amini A**, Kan P, Schmidt MH, Apfelbaum RI. Unilateral cervical facet dislocation: mechanism, clinical outcomes of treatment by the anterior cervical approach: A review of 34 consecutive patients. (in progress)
24. **Amini A**, Schmidt RH. Anatomic variation of basilar artery position in endoscopic third ventriculostomy. (in progress)
25. **Amini A**, Kan P, Brockmeyer DL. Strip Sagittal Craniectomy in Treatment of Sagittal Craniosynostosis: experience with 310 surgical procedure (in progress)
26. Bownds SE, **Amini A**, Osborn A, Hedlund G, Schmidt M, Koch B, Moore K, Dillon W, Rees J. Spinal Cord Glioblastoma Multiforme. **(in progress)**

Chapters

1. Liu JK, **Amini A**, Orlandi R, Weiss ML, Couldwell WT: The role of the transsphenoidal surgery in the management of complex lesions involving the skull base. In **Transsphenoidal Surgery**. Laws ER Jr., Lanzino G, (ed.). Philadelphia: Elsevier

2. **Amini A**, Schmidt MH: Procedure: Thoracoscopic discectomy and instrumented fusion for thoracic discitis and osteomyelitis. **Spine Surgery: Tricks of the Trade**: [Vaccaro AR](#), [Albert TJ](#), (in press)

Presentations

1. **Amini A**, Schmidt RH. Cervical cisternal shunts in patients with pseudotumor cerebri and small ventricles. **Lende Neurosurgical Meeting**, Snowbird, Utah, 2005
2. **Amini A**, Schmidt RH. Cervical cisternal shunts as an alternative to lumboperitoneal shunts, **Rocky Mountain Neurosurgical Meeting**, Snowbird, Utah, 2005
3. **Amini A**, Schmidt RH. Endoscopic third ventriculostomy in adult patients: A series of 36 patients. **Lende Neurosurgical Meeting**, Snowbird, Utah, 2006
4. **Amini A**, Schmidt RH, Salzman KL, Chin SS, Couldwell WT. Glioblastoma Multiforme of the Pineal Region. **Lende Neurosurgical Meeting**, Snowbird, Utah, 2006
5. **Amini A**, Digre K, Couldwell WT. Photophobia in a blind patient: an alternate visual pathway. **Lende Neurosurgical Meeting**, Snowbird, Utah, 2006
6. Liu JK, **Amini A**, Kan P, Couldwell WT. Zygoma-sparing submandibular-infratemporal interpositional saphenous vein graft bypass for the treatment of a malignant skull base tumor. **Lende Neurosurgical Meeting**, Snowbird, Utah, 2006
7. **Amini A**, Apfelbaum RI, Schmidt MH. Thoracoscopic discectomy of thoracolumbar junction and chylorrhea. **Rocky Mountain Neurosurgical Meeting**, Phoenix, Arizona, 2006
8. **Amini A**, Schmidt RH. Endoscopic third ventriculostomy in treatment adult hydrocephalus. **Rocky Mountain Neurosurgical Meeting**, Phoenix, Arizona, 2006 (Resident Award)
9. **Amini A**, Kan P, Schmidt MH, Apfelbaum RI. Anterior Cervical Decompression, Instrumentation, and Fusion in Treatment of Acute Traumatic Subaxial Cervical Spine Injury: A Review of 349 Consecutive Patients. **AANS/CNS Spine Section Meeting**. Phoenix, Arizona, 2007
10. **Amini A**, Ragel A, Cole C, Brodke D, Schmidt MH. X-Stop Dynamic Interspinous Decompression and Stabilization; Early Clinical Experience. **Lende Neurosurgical Meeting**, Snowbird, Utah, 2007
11. Ragel BT, Kan P, **Amini A**, Schmidt MH. Thoracoscopic Placement of Expandable Cages for Anterior Vertebral Body Reconstructions: Initial Experience. **Lende Neurosurgical Meeting**, Snowbird, Utah, 2007

12. **Amini A**, Kan P, Schmidt MH, Apfelbaum RI. Anterior cervical decompression and fusion (ACDF) and traumatic subaxial cervical spine injury (SCSI). **Lende Neurosurgical Meeting**, Snowbird, Utah, 2007
13. **Amini A**, Kan P, Walker ML, Kestle JK, Brockmeyer DL. Strip Sagittal Craniectomy in Treatment of Sagittal Craniosynostosis: experience with 310 surgical procedures. **AANS Annual Meeting**, Washington, DC. 2007
14. **Amini A**, Kan P, Schmidt MH, Apfelbaum RI. Bilateral cervical facet dislocation: mechanism, clinical outcomes of treatment by anterior cervical surgery: A review of 43 consecutive patients. **AANS/CNS Spine Section Meeting**. Orlando, Florida, 2008
15. **Amini A**. Medical Grand Rounds: Back Pain. Holy Cross Hospital, Silver Spring, MD; Nov 2008
16. **Amini A**. Holy Cross Grand Rounds: Minimally Invasive Spine Surgery, Holy Cross Hospital, Silver Spring, MD; Feb 2009
17. **Amini A**. Medical Grand Rounds: Normal Pressure Hydrocephalus. Holy Cross Hospital, Silver Spring, MD; Apr 2009
18. **Amini A**. Community Lecture: Lumbar Stenosis. Leisure World, Silver Spring, MD; Apr 2009
19. **Amini A**. Trends and Technologies in Neurosciences: Transsphenoidal Surgery. GATE Institute, Holy Cross Hospital, Silver Spring, MD; May 2009
20. **Amini A**. Trends and Technologies in Neurosciences: Advances in Minimally Invasive Spine Surgery. GATE Institute, Holy Cross Hospital, Silver Spring, MD; May 2009

Abstracts

1. Stefferl A, Storch M, **Amini A**, Mather I, Lassmann H, Linington C. Milk and self tolerance: Induction of autoimmune CNS disease by a common environmental antigen. **J Neuroimmunol** 90/1, 85, 1998
2. Stefferl A, Storch M, **Amini A**, Mather I, Linington C. Cross-reactivity of myelin oligodendrocyte glycoprotein (MOG) and the milk protein butyrophilin: Implications for the aetiology of multiple sclerosis. **Proc. 26th Gottingen Neurobiology Conference**, Elsner N and Wehner R (eds) Vol II, 740, 1998
3. Rodriguez LF, Liu JK, **Amini A**, Fassett DR, Avery NC, Brockmeyer DL. A novel plate for occipitocervical stabilization in children: technical note and initial experience. **AANS/CNS Pediatric Section Meeting**, San Francisco, California, 2004
4. **Amini A**, Liu JK, Couldwell WT. Zygoma-sparing submandibular-infratemporal interpositional saphenous vein graft bypass for the treatment of a malignant skull base tumor: technical note. **AANS/CNS Cerebrovascular Section Meeting**. New Orleans. Louisiana, 2005
5. **Amini A**, Liu JK, Rodriguez LF, Klimo P Jr, Walker ML. Endoscopic placement of cyst-to-cisterna magna shunt via an infratentorial supracerebellar approach for the

treatment of pineal region arachnoid cysts: technical note and report of 4 patients. **AANS Annual Meeting**. New Orleans, Louisiana, 2005

6. Bownds SE, **Amini A**, Osborn A, Hedlund G, Schmidt M, Koch B, Moore K, Dillon W, Rees J. Spinal Cord Glioblastoma Multiforme: Clinical and Imaging spectrum. **NER Foundation Symposium and ASNR 44th Annual Meeting**, San Diego, California, 2006
7. **Amini A**, Schmidt RH, Salzman KL, Chin SS, Couldwell WT. Glioblastoma Multiforme of the Pineal Region. **CNS Annual Meeting**. Chicago, Illinois, 2006
8. **Amini A**, Ragel A, Cole C, Brodke D, Schmidt MH. X-Stop Dynamic Interspinous Decompression and Stabilization; Early Clinical Experience. **AANS/CNS Spine Section Meeting**. Phoenix, Arizona, 2007
9. Cole CD, Ragel BT, **Amini A**, Schmidt MH. Anterior vertebral body reconstruction with expandable cages: evolution from open thoracotomy to endoscopic technique. **AANS Annual Meeting**, Washington, DC. 2007
10. Ragel BT, Cole CD, **Amini A**, Schmidt MH. Anterior vertebral body reconstruction from T3 to L5 with expandable cages: Initial experience. **AANS Annual Meeting**, Washington, DC. 2007
11. **Amini A**, Kan P, Schmidt MH, Apfelbaum RI. Unilateral cervical facet dislocation: mechanism, clinical outcomes of treatment by the anterior cervical approach: A review of 34 consecutive patients. **AANS/CNS Spine Section Meeting**. Orlando, Florida, 2008

Electronic publications and videos

1. Schmidt MH, Ragel BT, **Amin A**, Cole CB. Thoracoscopic vertebral body replacement with an expandable cage after ventral spinal canal decompression. Video Presentation for Digital Theater, **56th Annual Congress of Neurological Surgeons**. Chicago, Illinois, 2006
2. **Amini A**, Kimbouris A. Chylorrhea and Spine Surgery. Handbook of Spine Surgery (online, in progress).