

NEUROSURGERY – RESIDENTS/FELLOWS PUBLICATIONS AND PRESENTATIONS - 2006-2009

PUBLICATIONS

Adamo MA, Deshaies EM, German JW, Popp AJ, Dirisio DA. Management of thoracic spine injuries. Part I and Part II. Contemporary Neurosurgery, 2006

Edgell RE, Agner C, Yavagal D, Adamo MA, Boulos A, Recanalization of a symptomatic extracranial internal carotid artery near occlusion with proximal and distal protection: technical case report. *Neurosurgery*. Jul;61(1):E174 2007

Deshaies, EM, Adamo MA, Boulos AS A Prospective Single-Center Analysis of the Safety and Long-Term Efficacy of the HydroCoil Embolization System for the Treatment of Intracranial Aneurysms, *Journal of Neurosurgery* 106:226-233, 2007.

Fassett DR, Harrop JS, Maltenfort M, Jeyamohan SB, Ratliff JD, Anderson DG, Hilibrand AS, Albert TJ, Vaccaro AR, Sharan AD. Mortality rates in geriatric patients with spinal cord injuries. *J Neurosurg Spine*. 2007 Sep;7(3):277-81.

Adamo MA, Drazin D, Popp AJ. Short-lasting, unilateral neuralgiform headache attacks with conjunctival injection and tearing syndrome treated successfully with transsphenoidal resection of a growth hormone-secreting pituitary adenoma. *J Neurosurg*. 2008 Jul;109(1):123-5.

Deshaies EM, Nair AK, Boulos AS and Popp AJ. Blunt Traumatic Injuries to the Carotid and Vertebral Arteries of the Neck and Skull Base: Part 1: Vascular Anatomy and Arterial Dissections. Contemporary Neurosurgery [In Press] 2008.

Deshaies EM, Nair AK, Boulos AS and Popp AJ. Blunt Traumatic Injuries to the Carotid and vertebral Arteries of the Neck and Skull Base: Part 2: Arterial Pseudoaneurysms and Carotid-Cavernous Fistulae. Contemporary Neurosurgery. [In Press]. 2008.

Mesfin FB, Tobin E, Adamo MA, Dirisio D. Fungal vertebral osteomyelitis due to *Scedosporium apiospermum* after near-drowning. *J Neurosurg Spine*. 2008 Jul;9(1):58-61.

German JW, Adamo MA, Hoppenot RG, Blossom JH, Nagle HA. Perioperative results following lumbar discectomy: comparison of minimally invasive discectomy and standard microdiscectomy. *Neurosurg Focus*. 2008;25(2):E20. Review.

Deshaies EM, Boulos AS, Drazin D, Popp AJ. Evidence-based pharmacotherapy for cerebral vasospasm. *Neurol Res*. 2008 Dec 23. [Epub ahead of print]

Adamo, MA, Deshaies, EM Emergent Decompressive Craniectomy for the Fulminating Infectious Encephalitis: A Literature Review, *Journal of Neurosurgery* 108:174-176, 2008

Jeyamohan S, Harrop JS, Vaccaro A, Sharan AD. Athletes returning to play after cervical spine or neurobrachial injury. *Curr Rev Musculoskelet Med*. 2008 Dec;1(3-4):175-9. Epub 2008 Aug 26.

Harrop JS, Jeyamohan S, Sharan A, Ratliff J, Flanders A, Maltenfort M, Falowski S, Vaccaro A. Acute cervical fracture or congenital spinal deformity? *J Spinal Cord Med*. 2008;31(1):83-7.

Adamo MA, Kenning TJ, Drazin D, Deshaies EM, Emrich J. Combined craniocervical penetrating trauma: Case report and review of the literature, *Journal of Trauma*. 2009; In press.

Adamo MA, Drazin D, Waldman JB. Decompressive craniectomy and postoperative complication management in infants and toddlers with severe traumatic brain injuries. *J Neurosurg Pediatr*. 2009 Apr;3(4):334-9.

Lowry N, Goderie SK, Adamo MA, Lederman P, Charniga C, Gill J, Silver J, Temple S Multipotent embryonic spinal cord stem cells expanded by endothelial factors and Shh/RA promote functional recovery after spinal cord injury. *Exp Neurol*. 2008 Feb;209(2):510-22.

Deshaies EM, Boulos AS, Popp AJ. Peri-operative medical Management of Cerebral Vasospasm. *Neurol Res*. 2009 Jan 7. [Epub ahead of print]

Kenning TJ, Gandhi RH, German JW. A comparison of hinge craniotomy and decompressive craniectomy for the treatment of malignant intracranial hypertension: early clinical and radiographic analysis. *Neurosurg Focus* 26: E6, 2009

Gooch R, Jin G, Kenning TJ, German JW. Complications of cranioplasty following decompressive craniectomy for medically refractory intracranial hypertension. *Neurosurg Focus* 26: E9, 2009

Kenning TJ, Deshaies EM, Adamo MA, Waldman JB, Boulos AS. Onyx embolization of a lower thoracic perimedullary spinal arteriovenous fistula in an infant presenting with subarachnoid and intraventricular hemorrhage. *J Neurosurg Pediatr*. 3: 211-2114, 2009

Kenning TJ, Kanwar VS, Qian, J, Deshaies EM. A de novo desmoid tumor of the surgical site following foramen magnum meningioma resection in a patient with Gardner's Syndrome: a case report and review of the literature. *J Neurooncol*. 91: 107-11, 2009

Merchant A, Drazin D, Dalfino J, Yamamoto J, Boulos AS. Delayed stenosis as a consequence of angioplasty for subarachnoid hemorrhage-induced vasospasm. Case report. *Neurosurg Focus*. 2009 May;26(5):E23.

Books/Chapters:

Popp AJ (ed.), Deshaies EM (Assoc. ed.): *The Primary Care of Neurological Disorders*. AANS/Thieme Publishing, 2008.

Deshaies EM, Boulos AS, Tramner B, Popp AJ. Intracranial Hemorrhagic Cerebrovascular Disease. In: *Primary Care of Neurological Disorders, 2nd Edition*, 2008.

Waldman JB, Adamo MA, Haller J, Schulte E: The Pediatric Patient. In: *Primary Care of Neurological Disorders, 2nd Edition*. 2008

Emrich JF, Weaver S, King V, Adamo MA et al: Neuro-Oncology. In: *Primary Care of Neurological Disorders, 2nd Edition*. 2008

Dirisio D, Adamo MA, Deshaies M. Acute Spinal Pain and Other Spinal Complaints. In: *Primary Care of Neurological Disorders, 2nd Edition*. 2008

Dirisio D, Adamo A, Deshaies EM, Friedlich D, Popp AJ. Spinal Trauma. In: *Primary Care of Neurological Disorders, 2nd Edition*. 2008.

Dirisio D, Deshaies EM, Adamo MA, Friedlich D, Forrest GP, Popp AJ. Evaluation of the Patient with Spinal Disorders. In: *Primary Care of Neurological Disorders, 2nd Edition*. 2008.

Kenning TJ: Acute headache: hydrocephalus, in Tomassi M, Jeanmonod R (eds): Case Studies in Emergency Medicine. Cambridge University Press. 2009: *In press*.

Kenning TJ: Back pain: spinal fracture, in Tomassi M, Jeanmonod R (eds): Case Studies in Emergency Medicine. Cambridge University Press. 2009: *In press*.

PRESENTATIONS

Edgell RC, Adamo MA, Deshaies EM, Agner CA, Boulos AS: Recanalization of a symptomatic acute carotid artery occlusion or near occlusion – a belt and suspenders approach. AANS/CNS Cerebrovascular Section & American Society of Interventional and therapeutic Neuroradiology, February 2006.

Adamo MA, Edgell RC, Deshaies EM, Agner CA, Boulos AS: Endovascular treatment of cavernous carotid aneurysms with preservation of the carotid artery. AANS 74th Annual Meeting, April 2006.

German JW, Adamo MA, Single Center comparison of open vs. minimally invasive lumbar discectomy: comparison of short-term clinical outcomes, Oral Presentation, AANS/CNS spine section meeting, March 2007.

German JW, Adamo MA, Blossom J, Hopponot R, Nagle H. Single Center comparison of open vs. minimally invasive lumbar discectomy: comparison of short-term clinical outcomes, Oral Presentation, AANS annual meeting, April 2007.

Mesfin FB. The effect of novel peptide on the invasion of GBM cells in vitro and in vivo. New York State Neurosurgical Society Annual Meeting, June 2008.

Kenning TJ, Gandhi RH, Smith D, German JW. A comparison of decompressive craniectomy and hinge craniotomy for treatment of malignant intracranial hypertension. 2009 Resident's Trauma Paper Competition. American College of Surgeons New York State Committee on Trauma, Buffalo, NY. November 2008

Gandhi, RH. New Techniques in Neuromonitoring. Albany Medical Center Neurosciences Grand Rounds, January 2009.

Dalfino J. Surgical Management of Ischemic Stroke. Albany Medical Center Neurosciences Grand Rounds, January 2009.

Nair A. Blunt traumatic injury to the neck. Albany Medical Center Neurosciences Grand Rounds, February 2009.

Kenning TJ, Drazin D, Plakas C, Calayag M, Gifford E, Petronis K, DiRisio D. Immediate and long-term outcomes for multilevel anterior cervical fusions. AANS/CNS Section on Disorders of the Spine and Peripheral Nerves Annual Meeting. Phoenix, AZ. March 2009

Dunne I, Blossom J, Kenning TJ, Adamo MA, German JW. Comparison of open and minimally invasive fusions for the treatment of degenerative lumbar spondylolisthesis. AANS/CNS Section on Disorders of the Spine and Peripheral Nerves Annual Meeting. Phoenix, AZ. March 2009

Mesfin FB. Pathophysiology of primary malignant brain tumors and the effect of novel multikinase inhibitor, AFPep. Neurosciences Grand Rounds, May 2009.

Kenning TJ. The treatment of adult intraventricular hemorrhage: improving on poor results. Albany Medical Center Neurosciences Grand Rounds. Albany, NY. May 2009.

German JW and Kenning TJ. Kyphoplasty: advantages, disadvantages and demonstration of technique. American Association of Neurological Surgeons Annual Meeting. San Diego, CA. May 2009

Kenning TJ, Gandhi RH, Smith D, German JW. A comparison of hinge craniotomy and craniectomy for control of intracranial hypertension: clinical and radiologic results. American Association of Neurological Surgeons Annual Meeting. San Diego, CA. May 2009

Gooch MR, Kenning TJ, Gin G, German JW. Complications of cranioplasty following decompressive craniectomy for medically refractory intracranial hypertension. American Association of Neurological Surgeons Annual Meeting. San Diego, CA. May 2009

Kenning TJ, Gandhi RH, German JW. A comparison of hinge craniotomy and craniectomy for control of intracranial hypertension. New York State Neurosurgical Society Meeting. New Rochelle, NY. June 2009. Selected "Best Clinical Study."

ABSTRACT PRESENTATIONS

Dunne I, Blossom J, Kenning TJ, Adamo MA, German JW. Comparison of open and minimally invasive fusions for the treatment of degenerative lumbar spondylolisthesis. AANS/CNS Section on Disorders of the Spine and Peripheral Nerves Annual Meeting. Phoenix, AZ. March 2009

Kenning TJ, German JW. Minimally invasive treatment of thoracolumbar spinal trauma. AANS/CNS Section on Disorders of the Spine and Peripheral Nerves Annual Meeting. Phoenix, AZ. March 2009

Kenning TJ, Drazin D, Plakas C, Calayag M, Gifford E, Petronis K, DiRisio D. Immediate and long-term outcomes for multilevel anterior cervical fusions. AANS/CNS Section on Disorders of the Spine and Peripheral Nerves Annual Meeting. Phoenix, AZ. March 2009

Smith D, Kenning TJ, Gandhi RH, Semenoff D, Spurgas P, German JW. Use of the Formula for an Ellipsoid for Estimating Supratentorial Brain Volume. American Association of Neurological Surgeons Annual Meeting. San Diego, CA. May 2009

Kenning TJ, Drazin D, Dalfino JC, Gifford E, German JW, Adamo MA. Analysis of the subdural evacuating port system (SEPS) for the treatment of subacute and chronic subdural hematomas. Congress of Neurological Surgeons Annual Meeting. New Orleans, LA. October 2009