# **2011-2012 Fellow and Resident Publications, Abstracts and Presentations**

#### Hussein I.J. Alahmadi, MD

Alahmadi H, Vachhrajani S, Cusimano MD. The natural history of brain contusion: an analysis of radiological and clinical progression. J Neurosurg. 2010 May;112(5):1139-45. Review.

Al-Habib A, Al-Radi OO, Shannon P, Al-Ahmadi H, Petrenko Y, Fehlings MG. Myxopapillary ependymoma: correlation of clinical and imaging features with surgical resectability in a series with long-term follow-up. Spinal Cord. 2011 Jun 7. [Epub ahead of print].

Alahmadi H, Zadeh G. Cervical Spinal Cord Injury After Prolonged Neck Flexion, Is It an Underestimated Risk? Canadian Journal of Neurological Sciences. 2011 Sep;38(5):794-96.

Alahmadi H, Dehdeshti AR, Gentili F. Report of the Endoscopic Endonasal Surgery in Recurrent and Residual Pituitary Adenomas after Microscopic Resection. W Neurosurgery 2011 Nov 7. [Epub ahead of print].

Alahmadi H, Croul SE. Pathology and genetics of meningiomas. Semin Diagn Pathol. 2011 Nov;28(4):314-24.

Traynelis VC, Alahmadi H. Editorial: Load-sharing score. J Neurosurg Spine. 2012 Apr 6. [Epub ahead of print]

Alahmadi H, Lee D, Wilson JR, Hayhurst C, Mete O, Gentili F, Asa SL, Zadeh G. Clinical features of silent corticotroph adenomas. Acta Neurochir (Wien). 2012 May 24. [Epub ahead of print]

Traynelis VC, Alahmadi H. Editorial: C-5 palsy and foraminal stenosis. J Neurosurg Spine. 2012 May 25. [Epub ahead of print]

Alahmadi H, Zadeh G, Laperriere N, Vachhrajani S, Mazloom N, Gentili F, Hodaie M. Trigeminal Nerve Integrated Dose and Pain Outcome After Gamma Knife Radiosurgery for Trigeminal Neuralgia (Recently accepted for publication in Journal of Radiosurgery and SBRT)

# **Book Chapters**

Alahmadi H, Croul SE: Pathology and genetics of meningioma, in Mehta M (ed): Principles & Practice of Neuro-Oncology. Demos Medical Publishing. New York, 2010.

Alahmadi H, O'toole JE. Image Guidance in Minimally Invasive Spine Surgery in FM Phillips (ed): Minimally Invasive Spine Surgery: Surgical Techniques and Disease Management. SPRINGER SCIENCE+BUSINESS MEDIA, New York, 2012.

# Prasad Vannemreddy, MD, PhD

A safe approach to explore/identify V2 Segment of the Vertebral Artery during Anterior Approaches to Cervical Spine and/or arterial repairs: An Anatomical Study. Nourbukhsh A, Vannemreddy P et al. JNS Spine 12:25-32,2010.

Myocardial infarction in subarachnoid hemorrhage: Prognostication by echo cardiography and cardiac enzymes. A prospective study. Prasad Vannemreddy et al. Acta Neurochir suppl vol 106, 151-154, 2010.

Antibodies to Dynorphin A (1-17) attenuate closed head injury induced blood-brain barrier disruption, brain edema formation and brain pathology in the rat. HS Sharma....P Vannemreddy. Acta Neurochir suppl vol 106, 301-306, 2010.

Association of meningioma and intracranial aneurysm: Report of five cases and review of literature. Javalkar V, Guthikonda B, Vannemreddy P et al. Neurol India 57;772-776:2009.

Hydatid disease of the central nervous system: A review of literature with an emphasis on Latin American countries. Nourbukhsh A, Vannemreddy P et al. Neurol Res 32;245-251,2010.

Chiari Malformations: A review. Prasad Vannemreddy et al. Neurology India 58;6-14,2010.

Is endothelial Nitric Oxide Synthase Gene Mutation a Risk Factor in the etiology of Intraventricular Hemorrhage? Prasad Vannemreddy et al. Neurosurgical Focus, 2010 Jan: 28(1):E11.

Echo cardiographic changes in acute subarachnoid hemorrhage. J Maddury, P Vannemreddy. Echo Cardiography 2010; 27,496-500.

Microsurgical excision of colloid cyst with favorable cognitive outcomes and short operative time and hospital stay: operative techniques and analyses of outcome with review of previous studies. Sampath, Vannemreddy et al Neurosurgery 2010, Feb 66: 368-75.

Fusiform aneurysms of the anterior communicating artery. Sampath R, Vannemreddy et al. Neurosurgery (operative supplement) 2010, 67;407-15.

Long term follow up of diability among patients with posterior inferior cerebellar artery aneurysm. Management results and analysis of QOL. Nourbakhsh A, Katira K, Notarianni C, Vannemreddy et al J Clin Neurosci 2010;17:980-3.

Subependymoma at the foramen of Monroe presenting with intermittent hydrocephalus: case report and review of the literature. Chittiboina, Zhang S, Bao J, Vannemreddy et al. LA State Journal 2010;162,214–7.

Feasibility of thoracic nerve root preservation in posterior transpedicular vertebrectomy with anterior column cage insertion: A cadaveric study. Guthikonda, Nourbukhsh, Chittaboina, Vannemreddy et al. JNS Spine 2010;13(5):630-5.

Middle turbinectomy for exposure in endoscopic endonasal transsphenoidal surgery: When is it necessary? Guthikonda, Nourbakhsh, Notarianni, Vannemreddy et al. The Laryngoscope 2010;120:2360-6.

Psychomotor seizures, Penfield, Gibbs, Bailey and the Development of Anterior temporal lobectomy. A historical vignette. Prasad Vannemreddy, James Stone, Siddharth Vannemreddy, Konstantin Slavin. Annals of Indian Academy of Neurology 2010; 13:103-107.

Adaptively controlling deep brain stimulation in essential tremor patient via surface electromyography. Graupe D, Tuninetti D, Basu I, Vannemreddy P, Slavin K. Neurological Research 2010;32:899-904.

Evaluation of the Prognostic indicators of Giant intracranial aneurysms:. Vannemreddy et al. Skull Base surgery: A multidisciplinary approach 2011, 21 (1), 37-47.

Repositioning of supraorbital nerve stimulation electrode using retrograde needle insertion: A technical note. Slavin KV, Vannemreddy PSSV. Neuromodulation: Technology at the neural interface 2011, 14, 160-64.

Extracranial infrasellar ectopic craniopharyngioma: A case report and review of the literature. Nourbakhsh A, Brown B, Vannemreddy Prasad et al. Skull Base 2010; 20 (6), 475-480.

The use of bioabsorbable screws to fix Type II odontoid fractures: a biomechanical study. Nourbakhsh A, Patil S, Vannemreddy P et al. J Neurosurg Spine 2011, 15 (4), 361-6.

Frederic Gibbs and his contributions to Epilepsy surgery and Electroencephalography. Vannemreddy P et al. Neurosurgery 2011 (epub ahead of publication).

Cervical spinal cord stimulation for prevention of vasospasm after aneurysmal subarachnoid hemorrhage: 1-year follow-up of prospective study. Slavin, Vannemreddy et al.

Spinal cord stimulation: Current applications for treatment of chronic pain. Vannemreddy P, Slavin KV. Anesthesia: Essays and Researches 2011, 5(1), 20-27.

Use of cervical spinal cord stimulation in treatment and prevention of arterial vasospasm after aneurismal subarachnoid hemorrhage: technical details. Slavin KV, Vannemreddy PSSV et al. Neuroradiology Journal 24: 131-135, 2011.

Neural Prosthesis: Concept and Progress. Roy AE Bakay, Prasad SSV Vannemreddy. World Neurosurgery, 2011.

Advances and Limitations of cerebral cortex functional mapping. Prasad SSV Vannemreddy, Richard W Byrne. Contemporary Neurosurgery 2011.

Deep brain stimulation and seizures. Roy AE Bakay, Prasad SSV Vannemreddy.J Neurosurgery, January 13, 2011 (epub ahead of publication)

Cardiac Troponin 1 levels are a marker of myocardial dysfunction in subarachnoid hemorrhage and predicts poor neurologic outcome. Kumar PV, Vannemreddy P et al. J La State Med Soc. Sep-Oct; 163 (5): 257-60, 2011.

Deep Brain stimulation and Hemorrhages. Roy AE Bakay, Prasad SSV Vannemreddy. J Neurosurgery, 2011.

Modified brainstem auditory evoked responses in patients with non-traumatic, non-brain stem compressive cerebral lesions. Stone JL, Fino J, Vannemreddy P, Charbel F. Acta Neurochir (suppl) 2012,114,81-85.

Intracranial cotton ball gossypiboma mimicking recurrent meningioma: report of a case with literature review for intentional and unintentional foreign body granulomas. Peloquin P, Vannemreddy P, et al. Clinical Neurology and Neurosurgery 2012, Feb.

#### Abstracts/Posters

Cervical spinal cord stimulation for prevention of vasospasm after aneurysmal subarachnoid hemorrhage: 1-year follow-up of prospective study. Slavin, Vannemreddy et al. EANS 2010, Groningen, Netherlands, March 25-27, 2010.

Closure of retromastoid craniectomy after microvascular decompression with autologous bone putty: Technical note. Trevick Stephen, Prasad Vannemreddy, Konstantin Slavin. EANS 2010, Groningen, Netherlands, March 25-27, 2010.

Cervical spinal cord stimulation for prevention of cerebral vasospasm in aneurysmal subarachnoid hemorrhage: Immediate results and one year follow up. AANS Annual Meeting, May 2010, Philadelphia. *Award presentation* 

Bone putty craniectomy closure in the posterior fossa after microvascular decompessions. AANS Annual Meeting, May 2010, Philadelphia.

Endoscopic Supraorbital approach to the skull base. A Cadaver study. AANS Annual Meeting, May 2010, Philadelphia.

Non invasive modified brainstem auditory evoked responses in patients with cerebral lesions. James Stone, John Fino, Prasad Vannemreddy, Fady Charbel. Clinical integration of Tomographic physiological imaging and multimodal monitoring-Present and Future. Santa Fe, New Mexico, August, 2010.

Psychomotor seizures: Gibbs and the Illinois Neuropsychiatric institute of Chicago. Prasad Vannemreddy, James Stone, Konstantin Slavin. 60<sup>th</sup> Annual meeting of the Congress of Neurological Surgeons, San Francisco, CA 2010.

Rapid and lasting symptomatic improvement in a child with Lesch-Nyhan syndrome treated with pallidal DBS. Slavin K.V., Kalichman M.A., Gaebler-Spira D.J., Booth C.L., Goellner E.Vannemreddy P. Presented at 2010 ASSFN Meeting, NewYork, June 13-16, 2010. Cervical spinal cord stimulation for prevention of arterial vasospasm after aneurysmal SAH: implications of electrode location. Slavin K.V., Goellner E., Vannemreddy P. Presented at 2010 ASSFN Meeting, New York, June 13-16, 2010.

Modified brainstem auditory evoked responses in patients with non-traumatic, non-brain stem compressive expansile cerebral lesion. 14<sup>th</sup> International conference on Intracranial Pressure and Brain monitoring XIV. September 2010, Tubingen, Germany.

Use of cervical spinal cord stimulation in treatment and prevention of arterial vasospasm after aneurysmal subarachnoid hemorrhage. Slavin K.V., Vannemreddy P., Goellner E., Alaraj A.M., Aydin S., Mlinarevich N., Watson K.S., Walters L.E., Amin-Hanjani S., Deveshwar R., Aletich V., Charbel F.T. Presented at XIX Congress of the ESSFN, Athens, Greece, September 22-25, 20

Longterm symptomatic improvement in a child with Lesch Nyhan syndrome treated with pallidal DBS: report of a case and review of world experience. Slavin K.V., Kalichman M.A., Gaebler-Spira D.J., Booth C.L., Vannemreddy P. Presented at XIX Congress of the ESSFN, Athens, Greece, September 22-25, 2010

Use of cervical spinal cord stimulation to treat and prevent arterial vasospasm after aneurysmal subarachnoid hemorrhage. Slavin K.V., Vannemreddy P., Goellner E., Alaraj A.M., Aydin S., Mlinarevich N., Watson K.S., Walters L.E., Amin-Hanjani S., Deveshwar R., Aletich V.,

Charbel F.T. Presented at XIX Symposium Neuroradiologicum, Bologna, Italy, October 4-9, 2010

Augmentation duraplasty in Chiari I malformations utilizing suturable or sutureless allograft patches: a prospective, randomized study with long-term outcome analysis. Slavin K.V., Vannemreddy P.S.S.V., Watson K.S., Walters L.E., Mlinarevich N., Abramova M., Rozman A. Presented at 60th Annual meeting of CNS, San Francisco, October 16-21, 2010. Cervical spinal cord injuries: update on recent medical and surgical treatment. Invited lecture for Indian Medical Association, Bhimavaram, March 2010.

Titanium spacers in operative treatment of degenerative disease of subaxial cervical spine. Annual Meeting of the Neurological Society of India, Jaipur, December 2010. Midline anterior screw plate fixation for atlanto axial instability: Long term follow up. Annual Meeting of the Neurological Society of India, Jaipur, December 2010. Cosmetically improved placement of halo pins: A clinical and radiological analysis. Stone JL, Gulabani A, Vannemreddy et al. CNS 2010

New information on the pituitary tumor in John Hunter's Irish Giant. Stone, Vannemreddy and Goodrich. AANS 2011, Denver, Colorado

Cleansing the Trephine-From Broca to Lister to Lucas-Championniere. Stone, Vannemreddy et al. AANS 2011, Denver, Colorado. *First place award* 

Seizures due to temporal lobe tumors and hippocampal sclerosis: Do they differ in outcome? Vannemreddy P et al. Annual meeting of the AANS, Florida, 2012

Deep brain stimulation in movement disorders: sequel and complications are not the same for all diseases. Vannemreddy P and Bakay R. Annual meeting of the AANS, Florida, 2012

Intraoperative radiography during DBS utilizing CT scan and Fluoroscopy: Differences in radiation doses received by patients. Preliminary results from a Prospective non-randomized study. Vannemreddy, Felowski, Bakay. CNS 2012. Accepted for presentation in Neurosurgical Forum.

# **Book Chapters**

Posterior fossa infections. Mudumba VS, Challa S, Vannemredy P. in Principles of posterior fossa surgery. Thieme Medical publishers inc. New York, NY 2012.

Aneurysms of the basilar trunk: Far lateral and petrosal approaches. Nanda, Ezer, Vannemreddy in Principles of posterior fossa surgery. Thieme Medical publishers inc. New York, NY 2012.

Posterior interhemispheric approaches to pineal region and brain stem. Vannemreddy Prasad et al. in Principles of posterior fossa surgery. Thieme Medical publishers inc. New York, NY 2012.

Trauma to the temporal bone. Vannemreddy. In Principles of posterior fossa surgery. Thieme Medical publishers inc. New York, NY 2012.

Shunt surgery for posterior fossa lesions. Vannemreddy Prasad et al. In Principles of posterior fossa surgery. Thieme Medical publishers inc. New York, NY 2012.

Occipital & Supraorbital nerve stimulator placement. Slavin KV, Herrara SR, Vannemreddy P et al. In: Jandial R., McCormick P., Black P.M.(eds.) Essential Techniques in Operative Neurosurgery. Elsevier, Philadelphia, 2010.

Trauma to Brain and Spinal Cord. Stone JL, Vannemreddy SSV P. In Gorelick P et al. Clinical Neurology. Manson Publishing, UK. (in press).

# Ryan A. Zengou, MD

Ksendzovsky A, Zengou R, Sharp A, Polak P Lichtor T Feinstein D and Glick RP: Investigation of immunosuppressive mechanisms in a mouse glioma model. J Neuro-Oncology 93:107-114, 2009.

Society of Neuro-Oncology, Montreal Canada, November, 2010. "Immunosuppressive cytokine profile in a model of glioma immunosuppression".

American Association Neurologic Surgeons Meeting, Denver, CO, 2011. "Immunosuppressive in a mouse glioma model".

Mangubat EZ, Zengou R, Sani S. Intradural epithelioid schwannoma of the lumbar spine: Case Report and Literature Review. J Neurosurg Spine. Submitted.

#### Abstracts/Posters

Glick R, Ksendzovsky A, Patel C, Zengou R, Kalinin S, Polak P, Feinstein D. Immunosuppressive cytokine profile in a mouse model. 2011 American Association of Neurological Surgeons Annual Meeting, Denver, CO, USA. April 9 - 13, 2011.

Glick R, Ksendzovsky A, Zengou R, Simonini MV, Polak P, Sharp A, Lichtor T, Cohen EP, Feinstein D. Glioma immunosuppressive mechanisms in a mouse model. 2010 American Association of Neurological Surgeons Annual Meeting, Philadelphia, PA, USA. May 1-5, 2010.

Glick R, Lichtor T, Cohen EP, Ksendzovsky A, Zengou R, Feinstein D. Immuno-gene therapy with allogeneic cytokine secreting fibroblast: a mouse model of glioma immunosuppression. 4th Aspen Symposium on Brain Tumor Immuno- and Gene Therapy. Aspen, Colarado, USA. Aug 9 – 12, 2009.

Glick R, Ksendzovsky A, Zengou R, Polak P, Simonini V, Sharpe A, Cohen E, Lichtor T, Feinstein DL. A mouse model characterizing glioma immunosuppression. 2009 Congress of Neurological Surgeons Annual Meeting, New Orleans, Louisiana, USA, Oct. 24–29 2009.

Ksendzovsky A, Glick R, Zengou R, Feinstein D. Investigation of immunosuppression in animal models of brain tumors. 2009 America Association of Neurological Surgeons Annual Meeting, San Diego, CA, USA. May 2, 2009.

Ksendzovsky A, Glick R, Zengou R, Feinstein D. Glioma immunotherapy and immunosuppression – a mouse model. Fourth Annual All School Research Consortium, Rosalind Franklin University, North Chicago, IL, USA, March 18, 2009

#### Ricardo B. Fontes, MD

O'Toole JE, Fontes RB. Chordoma of the thoracic spine in an 89-year-old: case report. *European Spine Journal* 2011 Aug 25 Epub ahead of print.

Fontes RB, Traynelis VC. Editorial: transpsoas approach and complications. *J Neurosurg Spine* 2011 Jul;15(1):9-10. Epub 2011 Apr 8.

Traynelis VC, Fontes RB. Anterior fixation of the axis. *Neurosurgery* 67(3 Suppl Operative):229-236, 2010.

Menzin J, Zhang B, Neumann PJ, Lines LM, Polly DW, Barnett-Myers S, Fontes R, Traynelis VC. A Health-Economic Assessment of Cervical Disc Arthroplasty Compared With Allograft Fusion. *Techniques in Orthopaedics*, 25(2):133-137, 2010.

Greggio FM, Fontes RBV, Maifrino LB, Castelucci P, Souza RR, Liberti EA. Effects of perinatal protein deprivation and recovery on the esophageal myenteric plexus. *World J Gastroenterol* 16:563-570, 2010.

Fontes RB, Traynelis VC. Editorial: transpsoas approach and complications. *J Neurosurg Spine* Epub ahead of print April 8, 2011.

# **Book/Book Chapters**

Fontes RBV, Traynelis VC. High Retropharyngeal approach to the Upper Cervical Spine. In: Vaccaro A, Eck JC (Ed.) *Surgical Atlas of Spinal Operations*. New Delhi: Jaypee Brothers Medical Publishers, in press.

Traynelis VC, Fontes R: Legal aspects in the treatment of lumbar disc disease. In: Pinheiro-Franco JL, Vaccaro AR, Benzel EC, Mayer HM (Ed.) *Advanced Concepts in Lumbar Degenerative Disc Disease.* Sao Paulo: Dilivros, pp. 161-167, 2010 (In Portuguese).

# Abstracts/Posters

Traynelis VC, Fontes RBV. Anterior fixation of the axis. 2010 Annual Meeting of the American Association of Neurological Surgeons. Philadelphia, PA, May/2010.

Traynelis VC, Fontes RBV. Anterior fixation of the axis. 26<sup>th</sup> Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Orlando, FL, February/2010.

O'Toole JE, Fontes R, Patel N, Deutsch H, O'Leary SO. Reduction in radiation exposures during kyphoplasty using CT-based image-guided navigation. Neurosurgical Society of America Annual Meeting, Pebble Beach, CA, April 2010.

Fontes R, Deutsch H, O'Leary SO, O'Toole JE. Radiation exposure in two- and three-dimensional image-guided thoracolumbar kyphoplasty: a pilot study. Lumbar Spine Research Society Annual Meeting, Chicago, IL, April 2010.

# Visiting Professor/Invited Faculty

"Universidade de Sao Paulo International Meeting on Anatomy Education". Department of Anatomy, Universidade de Sao Paulo, Brazil, April 2010

# Erwin Z. Mangubat, MD

Chiari I Malformation Associated with Atlanto-Occipital Assimilation Presenting as Orthopnea and Cough Syncope: A Case Report and Review of Literature. Submitted.

Intradural Benign Epithelioid Schwannoma of the Lumbar Spine: Case Report and Literature Review. Submitted.

A Unique Case of Cervical Spinal Epidural Abscess after Aspiration of A Dental Prosthesis. Submitted.

Initial experience with Neuroform EZ on the treatment of wide-neck cerebral aneurysms. Neurointervention. Accepted. In process for publication.

Frontal sinus schwannoma: Case report and review of literature. Skull Base Rep. 2011;1(1):17-22.

Major intratumoral hemorrhage of a petroclival atypical meningioma: Case report and review of literature. Skull Base. 2010;20(6):469-473.

Intracranial stents in SAH cases. Endovascular Today. 2010;Aug:62-64.

Hydrocephalus in posterior fossa lesions: ventriculostomy and permanent shunt rates by diagnosis. Neurol Res. 2009;31(7):668-73.

Prospective randomized comparison of safety and efficacy of nicardipine and nitroprusside drip for control of hypertension in the neurosurgical intensive care unit. Neurosurgery. 2008;63(1):115-20; discussion 120-1.

Sodium channel auxiliary subunits. J Mol Microbiol Biotechnol. 2007;12(3-4):249-62. Review

Survival and early differentiation of human neural stem cells transplanted in a nonhuman primate model of stroke. J Neurosurg. 2006;105(1):96-102.

Basal ganglia lesions after MPTP administration in rhesus monkeys. Neurobiol Dis. 2006;23(2):281-9.

Phylogenetic Analyses of Potassium Channel Auxiliary Subunits. J Mol Microbiol Biotechnol. 2003;5(4):216-24. Review.

## Ali J. Ghods, MD

Ali J. Ghods, MD, Dmitry Ruban, MD, William Scheftner, MD, David Wallace, BS, Richard W. Byrne, MD. Low-Grade Temporal Lobe Tumors with Panic Auras. *In Press* 2012

Ali J. Ghods, Douglas Feinstein, Roberta Glick. The potential benefit of the anti-inflammatory dimethylfumerate (DMF) in brain tumors. In press 2012

Ali J. Ghods, MD, Alan Moazzam, MD, Joshua Billingsley, MD, Richard W. Byrne, MD. Neurosurgical procedures in patients with prior deep brain stimulator lead placements. case report. *Journal of Neurosurgical Review*. Accepted 2012

Ali Jourabchi Ghods, Demetrius Lopes and Michael Chen. Gender differences in cerebral aneurysm location. Frontiers in Endovascular and Interventional Neurology. Accepted 2012

Ali Jourabchi Ghods, Demetrius Lopes and Michael Chen. Gender differences in cerebral aneurysm location. *Rush Neuroscience Journal*. Accepted 2012

Steven Falowski, Ali Ghods, Roy Bakay. Displacement of a Deep Brain Stimulator Lead During Placement of an Additional Ipsilateral Lead. *Neuromodulation*. Accepted 2012

Ali J Ghods, Lorenzo Munoz, Richard Byrne. Surgical treatment of cerebellar metastases. Surg Neurol Int 2011, 2:15

#### Abstracts/Posters

Ali J. Ghods, Douglas Feinstein, Roberta Glick. The potential benefit of the anti-inflammatory dimethylfumerate (DMF) in brain tumors. Rush 2012 Surgical Society Meeting

Ali Jourabchi Ghods, Demetrius Lopes and Michael Chen. Gender differences in cerebral aneurysm location. AANS 2012, Miami

- Ali J. Ghods, MD, Dmitry Ruban, MD, William Scheftner, MD, David Wallace, BS, Richard W. Byrne, MD. Low-Grade Temporal Lobe Tumors with Panic Auras. AANS 2012, Miami
- Ali J. Ghods, Douglas Feinstein, Roberta Glick. The potential benefit of the anti-inflammatory dimethylfumerate (DMF) in brain tumors. AANS 2012, Miami
- Ali J. Ghods, Lorenzo Munoz, Richard Byrne. Surgical Treatment of Cerebellar Metastases. AANS 2011, Denver

#### Andrew K. Johnson, MD

Nichols TL, Kabalka GW, Miller LF, McCormack MT, Johnson AJ. "Implications for clinical treatment from the micrometer site dosimetric calculations in boron neutron capture therapy." *Appl Radiat Isot* 2009;67:S161-3.

Lopes DK, Johnson AK, Schreiner CA. "Double wire technique for stenting tortuous cerebral vessels." *J Stroke Cerebrovasc Dis* 2011; in press.

Lopes DK, Johnson AK. "Double-Wire Technique for Giant Cerebral Aneurysms." *Endovasc Today* February, 2011.

# Robert Kellogg, MD

Kellogg, R., Cohen-Gadol, A. Surgical Treatment of Trigeminal Neuralgia: A History of Early Strides Toward Curing a 'Cancerous Acrimony'. *Neurosurgery*. 2010 Nov; 67(5):1419-25

#### David Straus, MD

Straus D, Foster K, Zimmerman F, Frim D. Chiari Drop Attacks: Surgical Decompression and the Role of Tilt Table Testing. Pediatric Neurosurgery 2009;45:384-9.

Raman J, Onsager D, Straus D. Rib Osteotomy and Fixation: Enabling Technique for Better Minithoracotomy Exposure in Cardiac and Thoracic Procedures. J Thorac Cardiovasc Surg 2010;139:1083-5.

Straus D, Prasad V, Munoz L. Selective Therapeutic Hypothermia: A Review of Invasive and Noninvasive Techniques. Arq Neuropsiquiatr 2011;69:981-7.

Aliaga L, Hekman K, Yasari R, Straus D, Gaurav L, Chen J, Sampat A, Frim D. A Novel Scoring System for Assessing Chiari Malformation Type 1 Treatment Outcomes. Neurosurgery 2012;70:656-65.

Swaroop M, Straus D, Agubuzu O, Esposito T, Schermer C, Crandall M. Prehospital Transport and Survival from Penetrating Thoracic Trauma. J Emerg Trauma Shock (submitted for publication).

#### Abstracts/Presentations

Straus D, Raman J, Jeevanandam V, Bardo D. Internal fixation of the sternum with plates enhances sternal stability. Abstract, Society of Thoracic Surgeons (STS), 2009.

Straus, D. Disparities in Access to Neurosurgeons for Severe Traumatic Brain Injuries. Abstract, American Association of Neurological Surgeons (AANS), 2009.

Straus, D. TRISS and Prognosis in Traumatic Brain Injury. Abstract, American Association of Neurological Surgeons (AANS), 2009.

Straus D, Crandall M. Insurance status and mortality from traumatic injuries. Poster, Eastern Association for the Surgery of Trauma , Orlando, FL 2009.

Aliaga, L, Straus D, Yassari R, Heckman K, Chen J, Luther A, Frim D. Chiari Outcomes Score. Congress of Neurological Surgeons (CNS) New Orleans, LA 2009.

Crandall M, Straus D, Wang E. Are Transport Times Contributing To Racial and Socioeconomic Disparities in Trauma? Eastern Association for the Surgery of Trauma. January 2009. Orlando, FL.

The University of Chicago, Senior Scientific Research Forum; Racial Disparities in Access to Neurosurgical Trauma Care for Patients with Severe Traumatic Brain Injury. May 2009. Chicago, IL.

Rush University Medical Center Department of Neurosurgery Resident Research Seminar. Tailored Temporal Lobectomy. June 2010.

Rush University Medical Center Department of Neurosurgery Resident Research Seminar. Y-Stenting Anterior Circulation Aneurysms. June 2011.

Rush University Medical Center Department of Neurosurgery Grand Rounds. Pediatric Cerebrovascular Diseases. May 2012.

# **Book Chapter**

Straus D. Head Trauma. In Saclarides T, Millikan K, Myers J (eds.), Common Surgical Diseases: An Algorithmic Approach, 3<sup>rd</sup> Ed. (Submitted for publication).

# <u>Carter S. Gerard, MD</u> <u>Abstracts/Presentations</u>

Effect of Machined Interfacet Allografts on in Foraminal Height and Area, Vincent C. Traynelis, Carter S. Gerard; Lee A. Tan, Brian A. O'Shaughnessy, Paul A. Anderson, 2012 Meeting of AANS/CNS Section on Disorders of the Spine and Peripheral Nerves (poster)

#### Lee A. Tan, MD

Lee A. Tan, Jamie Bradbury, Jose Bonnin, Eric M. Horn, "Minimally invasive resection of an extrapelvic sciatic schwannoma: a technical case report", Journal of Clinical Neuroscience, Volume 17, Issue 10, October 2010, Pages 1314–1316

Multidisciplinary staged resection of endolymphatic sac tumor in a 14-year-old boy. Case report and review of the literature. (submitted to Journal of Neurosurgery: Pediatric)

## Abstracts/Presentations

Perioperative Seizure Prophylaxis for Elective Supratentorial Craniotomies: A Retrospective Comparison between Phenytoin and Levetiracetam Using Electroencephalography (poster presentation at 2010 Congress of Neurological Surgeons Annual Meeting October 16 - 21, 2010)

Effect of Machined Interfacet Allografts on Foraminal Height and Area (abstract submitted to Cervical Spine Research Society 39th Annual Meeting)

# Stephan Munich, MD

<u>Munich SA</u>, Fenstermaker RA, Fabiano AJ, Rigual NR. Cranial base repair with combine vascularized nasal septal flap and autologous tissue graft following expanded endonasal endoscopic neurosurgery. Accepted. Minimally Invasive Neurosurgery.

Munich SA, Leonardo J. Spontaneous involution of a Rathke's cleft cyst in a patient with normal cortisol secretion. Surgical Neurology International. 2012; 3: 42.

Munich SA, Leonardo J, Sazgar M, Grand W. An Episode of Severely Suppressed Electrocerebral Activity Recorded by EEG during Endoscopic Resection of a Colloid Cyst. Journal of Neurosurgery. 2012 Feb; 116(2): 385-389.

Ciesielski MJ, Ahluwalia MS, <u>Munich SA</u>, Orton M, Barone T, Chanan-Khan A, Fenstermaker RA. Antitumor cytotoxic T-cell response induced by a survivin peptide mimic. Cancer Immunology Immunotherapy. 2010 Aug; 59(8): 1211-21.

#### Abstracts/Presentations

Fabiano AJ, Rigual N, Munich SA, Fenstermaker RA. (2011) Esthesioneuroblastoma resection via the expanded endonasal endoscopic approach. Annual Scientific Meeting of the Society for Neuro-Oncology in Conjunction with the AANS/CNS Section on Tumors

Fabiano AJ, <u>Munich SA</u>, Rigual N, Fenstermaker RA. (2011) Assessment of post-operative pneumocephalus following expanded endonasal endoscopic approach. Congress of Neurological Surgeons Annual Meeting.

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