

Abel TJ, Chowdhary A, Gabikian P, Ojemann JG, Ellenbogen RG, Avellino AM: Spontaneous Subdural Fluid Collections Following Transection of a Fatty Filum Terminale: Case Report and Review of the Literature. *Pediatr Neurosurg* 43(6): 507-511, 2007. PMID 17992042

Anderson GD, Temkin NR, Awan AB, Winn HR: Effect of Time, Injury, Age and Ethanol on Interpatient Variability in Valproic Acid Pharmacokinetics after Traumatic Brain Injury. *Clin Pharmacokinet* 46(4): 307-318, 2007. PMID 17375982

Arthur TM, Saneto RP, de Menezes MS, Devinsky O, Lajoie J, Murphy PJ, Cook WB, Ojemann JG: Vagus Nerve Stimulation in Children with Mitochondrial Electron Transport Chain Deficiencies. *Mitochondrion* 7(4): 279-283, 2007. PMID 17513178

Baranowski AP, Abrams P, Berger RE, Buffington CA, de CWAC, Hanno P, Loeser JD, Nickel JC, Wesselmann U: Urogenital Pain - Time to Accept a New Approach to Phenotyping and, as a Consequence, Management. *Eur Urol* 53(1): 33-36, 2008. PMID 17961909

Bergen JM, Park IK, Horner PJ, Pun SH: Nonviral Approaches for Neuronal Delivery of Nucleic Acids. *Pharm Res*, 2007. PMID 17932730

Bobola MS, Blank A, Berger MS, Silber JR: O6-Methylguanine-DNA Methyltransferase Deficiency in Developing Brain: Implications for Brain Tumorigenesis. *DNA Repair (Amst)* 6(8): 1127-1133, 2007. PMID 17500046

Bobola MS, Varadarajan S, Smith NW, Goff RD, Kolstoe DD, Blank A, Gold B, **Silber** JR: Human Glioma Cell Sensitivity to the Sequence-Specific Alkylating Agent Methyl-Lexitropsin. *Clin Cancer Res* 13(2): 612-620, 2007. PMID 17255284

Bratton S, Bullock MR, Carney N, **Chesnut** R, Coplin M, Et Al: Guidelines for the Management of Severe Traumatic Brain Injury. *J Neurotrauma Supplement* 1(24): S1-106, 2007. PMID

Britz GW, Meno JR, Park IS, Abel TJ, Chowdhary A, Nguyen TS, Winn HR, Ngai AC: Time-Dependent Alterations in Functional and Pharmacological Arteriolar Reactivity after Subarachnoid Hemorrhage. *Stroke* 38(4): 1329-1335, 2007. PMID 17322068

Celix J, Natarajan SK, **Ojemann** J, **Britz** GW: Enhanced Surgical Removal of Eloquent Cortex AVMs with the Use of Onyx During Preoperative Embolization. Technical Case Report., in *AANS Annual Meeting*. Washington DC, 2007.

Chan L, Turner JA, Comstock BA, Levenson LM, Hollingworth W, Heagerty PJ, Kliot M, Jarvik JG: The Relationship between Electrodiagnostic Findings and Patient Symptoms and Function in Carpal Tunnel Syndrome. *Arch Phys Med Rehabil* 88(1): 19-24, 2007. PMID 17207670

University of Washington Dept of Neurological Surgery
Faculty Publications Jan-Dec 2007

Chang W, Sretavan DM, Kliot M: A Tribute to Dr. David Kline: A New Approach to an Old Peripheral Nerve Problem - Splicing Instead of Regenerating Disrupted Axons. *Neurosurgery*: in review, 2009. PMID

Chang WC, Hawkes EA, Kliot M, Sretavan DW: In Vivo Use of a Nanoknife for Axon Microsurgery. *Neurosurgery* 61(4): 683-691; discussion 691-682, 2007. PMID 17986929

Chaytor N, Temkin N, Machamer J, Dikmen S: The Ecological Validity of Neuropsychological Assessment and the Role of Depressive Symptoms in Moderate to Severe Traumatic Brain Injury. *J Int Neuropsychol Soc* 13(3): 377-385, 2007. PMID 17445285

Chesnut RM: Care of Central Nervous System Injuries. *Surgical Clinics of North America* 87: 119-156, 2007. PMID

Chesnut RM: Care of Central Nervous System Injuries. *Surg Clin North Am* 87(1): 119-156, vii, 2007. PMID 17127126

Cirak B, Wang P, Avellino AM: Implications of a Neurosurgical Intervention in a Patient with a Surgically Repaired Hypoplastic Left Heart Syndrome. *Pediatr Neurosurg* 43(6): 488-491, 2007. PMID 17992037

Dodrill CB, Ojemann GA: Do Recent Seizures and Recent Changes in Antiepileptic Drugs Impact Performances on Neuropsychological Tests in Subtle Ways That Might Easily Be Missed? *Epilepsia* 48(10): 1833-1841, 2007. PMID 17521340

Douglas JG, Goodkin R, Laramore GE: Gamma Knife Stereotactic Radiosurgery for Salivary Gland Neoplasms with Base of Skull Invasion Following Neutron Radiotherapy. *Head Neck*, 2007. PMID 18023034

Drane DL, Ojemann GA, Aylward E, Ojemann JG, Johnson LC, Silbergeld DL, Miller JW, Tranel D: Category-Specific Naming and Recognition Deficits in Temporal Lobe Epilepsy Surgical Patients. *Neuropsychologia*, 2007. PMID 18206185

Dworkin RH, O'Connor AB, Backonja M, Farrar JT, Finnerup NB, Jensen TS, Kalso EA, Loeser JD, Miaskowski C, Nurmiikko TJ, Portenoy RK, Rice AS, Stacey BR, Treede RD, Turk DC, Wallace MS: Pharmacologic Management of Neuropathic Pain: Evidence-Based Recommendations. *Pain* 132(3): 237-251, 2007. PMID 17920770

Elias M, Khorasani L, Reh TA, Deng M, Futran N, **Rostomily** RC: Olfactory Sensory Neurogenic Gene Expression in Esthesioneuroblastoma: Implications for Tumor Histogenesis and Mechanisms of Aberrant Differentiation. *Differentiation*, 2007 in preparation. PMID

Farrell DF, Burbank N, Lettich E, Ojemann GA: Individual Variation in Human Motor-Sensory (Rolandic) Cortex. *J Clin Neurophysiol* 24(3): 286-293, 2007. PMID 17545834

University of Washington Dept of Neurological Surgery
Faculty Publications Jan-Dec 2007

Farrell DF, Leeman S, Ojemann GA: Study of the Human Visual Cortex: Direct Cortical Evoked Potentials and Stimulation. *J Clin Neurophysiol* 24(1): 1-10, 2007. PMID 17277570

Gabikian P, Kott B, Ghodke B, **Britz** GW: Isolated, Superior Orbital Fissure Syndrome from a Gunshot Wound to the Eye. *Radiology*: in press, 2007. PMID

Gibson CL, Gray LJ, Bath PM, **Murphy** SP: Progesterone for the Treatment of Experimental Brain Injury; a Systematic Review. *Brain*, 2007. PMID 17715141

Goodkin R: Commentary. *Surg Neurol*, 2007. PMID 17707488

Goodkin R: Commentary. *Surg Neurol*, 2008. PMID 18207550

Grande LA, Loeser JD, Samii A: Recurrent Transient Global Amnesia with Intrathecal Baclofen. *International Anesthesia Research Society*: in press, 2008. PMID

Greene S, Nair N, Ojemann JG, Ellenbogen RG, Avellino AM: Meningiomas in Children. *Pediatr Neurosurg* 44(1): 9-13, 2008. PMID 18097185

Hebb AO, Miller KJ, Panagiotides H, **Ojemann** JG: Abstract: Modulation of Fusiform Face Response by Emotional Facial Expression, in *Canadian Neurological Sciences Federation*. Edmonton, Alberta, Canada, 2007.

Hebb AO, **Silbergeld** DL, **Rostomily** RC: Recurrent Low Grade Gliomas: Prognosis and Volumetric Analysis of Resection, in *Canadian Neurological Sciences Federation*. Edmonton, Alberta, CANADA, 2007.

Heike CL, Avellino AM, Mirza SK, Kifle Y, Perkins J, Sze R, Egbert M, Hing AV: Sleep Disturbances in 22q11.2 Deletion Syndrome: A Case with Obstructive and Central Sleep Apnea. *Cleft Palate Craniofac J* 44(3): 340-346, 2007. PMID 17477750

Hillard VH, Liu JK, Kwok A, Schmidt MH: Perineural Spread of Malignant Mesothelioma Resulting in an Intradural Spinal Cord Mass: Case Report. *J Neurooncol* 81(2): 185-189, 2007. PMID 16850102

Hillard VH, Peng H, Das K, Murali R, Moorthy CR, Etlinger JD, Zeman RJ: Inhibition of X-Irradiation-Enhanced Locomotor Recovery after Spinal Cord Injury by Hyperbaric Oxygen or the Antioxidant Nitroxide Tempol. *J Neurosurg Spine* 6(4): 337-343, 2007. PMID 17436923

Hoffman JM, Pagulayan KF, Zawaideh N, Dikmen S, Temkin N, Bell KR: Understanding Pain after Traumatic Brain Injury: Impact on Community Participation. *Am J Phys Med Rehabil* 86(12): 962-969, 2007. PMID 18090437

Inman DM, Horner PJ: Reactive Nonproliferative Gliosis Predominates in a Chronic Mouse Model of Glaucoma. *Glia* 55(9): 942-953, 2007. PMID 17457855

University of Washington Dept of Neurological Surgery
Faculty Publications Jan-Dec 2007

Jarvik JG, Comstock BA, Heagerty PJ, Haynor DH, Fulton-Kehoe D, **Kliot** M, Franklin G: Magnetic Resonance Imaging Vs Electrodiagnostic Studies in Patients with Suspected Carpal Tunnel Syndrome: Predicting Symptoms, Function and Surgical Benefits at 1 Year. *Journal of Neurosurgery*: accepted in press, 2007. PMID

Jarvik JG, Comstock BA, Kliot M, Turner JA, Chan L, Heagerty PJ, Hollingworth W, Kerrigan CL, Deyo RA: The Carpal Tunnel Syndrome Diagnosis and Treatment Trial: A Randomized Trial of Surgery Vs. Nonsurgical Therapy. *NEJM*: submitted, 2009. PMID

Jayadev S, Yun B, Nguyen H, Yokoo H, Morrison RS, Garden GA: The Glial Response to CNS HIV Infection Includes P53 Activation and Increased Expression of P53 Target Genes. *J Neuroimmune Pharmacol* 2(4): 359-370, 2007. PMID 18040854

Jenssen S, Potolicchio SL, Sekhar LN: Do Skull Base Lesions and Their Surgical Treatment Cause Epileptic Seizures? *Clin Neurol Neurosurg* 109(5): 406-408, 2007. PMID 17397995

Kliot M, Robinson L: Stop Using Arbitrary Grading Schemes in Cts. Muscle and Nerve, 2007 in press. PMID

Kliot M, Singh T: Chapter 43, in Midha R, Zager E (eds): *Surgery of Peripheral Nerves: A Case-Based Approach*. New York, Thieme, 2007.

Ko AL, Song K, Ellenbogen RG, Avellino AM: Retrospective Review of Multilevel Spinal Fusion Combined with Spinal Cord Transection for Treatment of Kyphoscoliosis in Pediatric Myelomeningocele Patients. *Spine* 32(22): 2493-2501, 2007. PMID 18090091

Kwok K, Davis B, Kliot M: Resection of a Benign Brachial Plexus Nerve Sheath Tumor Using Intraoperative Electrophysiological Monitoring. *Neurosurgery* 60(4 Suppl 2): 316-320; discussion 320-311, 2007. PMID 17415169

Leuthardt EC, Miller K, Anderson NR, Schalk G, Dowling J, Miller J, Moran DW, Ojemann JG: Electrocorticographic Frequency Alteration Mapping: A Clinical Technique for Mapping the Motor Cortex. *Neurosurgery* 60(4 Suppl 2): 260-270; discussion 270-261, 2007. PMID 17415162

Lipson AC, West GA, Newell DW, **Britz** GW: De Novo Basilar Tip Aneurysm Formation Following Carotid Dissection. Case Illustration. *J Neurosurg*: in press, 2007. PMID

Loeser JD: Evidence-Based Medicine and Neuromodulation. *Neuromodulation*: in press, 2008. PMID

Loeser JD: Forward, in Raj P (ed) *Interventional Pain Management: Image Guided Procedures*, 2007.

Loeser JD: Forward, in Rashiq S (ed) *Chronic Pain: A Health Policy Perspective*. Edmonton AB Canada, Institute of Health Economics, 2008.

University of Washington Dept of Neurological Surgery
Faculty Publications Jan-Dec 2007

Loeser JD: Hot Topics in Neurosurgery for Pain, in Grant G (ed) *Clinical Neurosurgery Volume 54*. Baltimore, Lippincott Williams and Wilkins, 2007, p Chapter 1.

Loeser JD: Socioeconomic Factors in Chronic Pain and Its Management, in Cousins MJ, Bridenbaugh PO, Carr DB, Horlocker T (eds): *Neural Blockade in Clinical Anesthesia and Management of Pain*. Philadelphia, Lippincott Williams and Wilkins, 2007, p Chapter 28.

Lynn AM, Bradford H, Kantor ED, Seng KY, Salinger DH, Chen J, **Ellenbogen RG**, Vicini P, Anderson GD: Postoperative Ketorolac Tromethamine Use in Infants Aged 6-18 Months: The Effect on Morphine Usage, Safety Assessment, and Stereo-Specific Pharmacokinetics. *Anesth Analg* 104(5): 1040-1051, 2007. PMID

Maccotta L, Buckner RL, Gilliam FG, **Ojemann JG**: Changing Frontal Contributions to Memory before and after Medial Temporal Lobectomy. *Cereb Cortex* 17(2): 443-456, 2007. PMID 16547345

Manning TC, Avellino AM, Symons J, Ojemann J, Ellenbogen RG: Cerebrospinal Fluid Shunting in Children on Renal Dialysis. Report of Two Cases. *Pediatr Neurosurg* 44(1): 65-67, 2008. PMID 18097195

Mayer JD, Kirilin B, Rehm CD, **Loeser JD**: Opioid Availability in Outpatient Pharmacies in Washington State. *Clin Journal of Pain*: in press, 2007. PMID

McBee JK, Yu LR, Kinoshita Y, Uo T, Beyer RP, Veenstra TD, Morrison RS: Proteomic Analysis of Protein Expression Changes in a Model of Gliomagenesis. *Proteomics*: in press, 2008. PMID

Meno JR, Abel TJ, Park I, Chowdhary A, Nguyen TS, Ngai AC, **Britz GW**: Effects of Subarachnoid Hemorrhage on Functional Cerebral Ateriolar Responses. *Stroke*: in press, 2007. PMID

Mikheev AM, Mikheeva SA, Maxwell JP, Rivo JV, Rostomily R, Swisshelm K, Zarbl H: Dickkopf-1 Mediated Tumor Suppression in Human Breast Carcinoma Cells. *Breast Cancer Res Treat*, 2007. PMID 18157634

Mikheev AM, Mikheeva SA, Rostomily R, Zarbl H: Dickkopf-1 Activates Cell Death in Mda-Mb435 Melanoma Cells. *Biochem Biophys Res Commun* 352(3): 675-680, 2007. PMID 17141200

Miller KJ, denNijs M, Shenoy P, Miller JW, Rao RP, Ojemann JG: Real-Time Functional Brain Mapping Using Electrocorticography. *Neuroimage* 37(2): 504-507, 2007. PMID 17604183

Miller KJ, Hebb AO, Ojemann JG, Rao RP, Dennijs M: Task-Related Principal Component Analysis: Formalism and Illustration. *Conf Proc IEEE Eng Med Biol Soc* 1: 5469-5472, 2007. PMID 18003249

University of Washington Dept of Neurological Surgery
Faculty Publications Jan-Dec 2007

Miller KJ, Leuthardt EC, Schalk G, Rao RP, Anderson NR, Moran DW, Miller JW, Ojemann JG: Spectral Changes in Cortical Surface Potentials During Motor Movement. *J Neurosci* 27(9): 2424-2432, 2007. PMID 17329441

Miller KJ, Makeig S, Hebb AO, Rao RP, denNijs M, Ojemann JG: Cortical Electrode Localization from X-Rays and Simple Mapping for Electrographic Research: The "Location on Cortex" (LOC) Package for Matlab. *J Neurosci Methods* 162(1-2): 303-308, 2007. PMID 17343918

Miyagawa T, Sotero M, Avellino AM, Kuratani J, Saneto RP, Ellenbogen RG, Ojemann JG: Apnea Caused by Mesial Temporal Lobe Mass Lesions in Infants: Report of 3 Cases. *J Child Neurol* 22(9): 1079-1083, 2007. PMID 17890404

Mohit AA, **Sekhar** LN, Natarajan SK, **Britz** GW, Ghodke B: High-Flow Bypass Grafts in the Management of Complex Intracranial Aneurysms. *Neurosurgery* 60(2 Suppl 1): 105-123, 2007. PMID 17297373

Moritz CT, Lucas TH, Perlmutter SI, Fetisov EE: Forelimb Movements and Muscle Responses Evoked by Microstimulation of Cervical Spinal Cord in Sedated Monkeys. *J Neurophysiol* 97(1): 110-120, 2007. PMID 16971685

Mourad PD, Roberts FA, McInnes C: Synergistic Use of Ultrasound and Sonic Motion for Removal of Dental Plaque Bacteria. *Compend Contin Educ Dent* 28(7): 354-358, 2007. PMID 17687897

Murphy S, Gibson CL: Nitric Oxide, Ischaemia and Brain Inflammation. *Biochem Soc Trans* 35(Pt 5): 1133-1137, 2007. PMID 17956295

Natarajan SK, Sekhar LN, Ghodke B, Britz GW, Bhagawati D, Temkin N: Outcomes of Ruptured Intracranial Aneurysms Treated by Microsurgical Clipping and Endovascular Coiling in a High-Volume Center. *AJNR Am J Neuroradiol*, 2008. PMID 18184845

Natarajan SK, **Sekhar** LN, Schessel D, Morita A: Petroclival Meningiomas: Multimodality Treatment and Outcomes at Long-Term Follow-Up. *Neurosurgery* 60(6): 965-979; discussion 979-981, 2007. PMID 17538370

Ngai AC, Mondares RL, Mayock DE, Gleason CA: Fetal Alcohol Exposure Alters Cerebrovascular Reactivity to Vasoactive Intestinal Peptide in Adult Sheep. *Neonatology* 93(1): 45-51, 2008. PMID 17630497

Ngai AC, Nguyen TS, Meno JR, Britz GW: Postischemic Augmentation of Conducted Dilation in Cerebral Arterioles. *Stroke* 38(1): 124-130, 2007. PMID 17122418

Pagulayan KF, Temkin NR, Machamer JE, Dikmen SS: The Measurement and Magnitude of Awareness Difficulties after Traumatic Brain Injury: A Longitudinal Study. *J Int Neuropsychol Soc* 13(4): 561-570, 2007. PMID 17521477

University of Washington Dept of Neurological Surgery
Faculty Publications Jan-Dec 2007

Park IK, Lasiene J, Chou SH, Horner PJ, Pun SH: Neuron-Specific Delivery of Nucleic Acids Mediated by Tet1-Modified Poly(Ethylenimine). *J Gene Med* 9(8): 691-702, 2007. PMID 17582226

Peterson EC, Alden TD, Patterson K, Lipson A, Friedman D, Garcia J, Avellino AM: Epidural Metastases from Endodermal Sinus Tumor Arising from Benign Sacral Teratoma. Case Report and Review of the Literature. *J Neurosurg* 107(4 Suppl): 303-306, 2007. PMID 17941495

Petit A, Sellers DL, Liebl DJ, Tessier-Lavigne M, Kennedy TE, Horner PJ: Adult Spinal Cord Progenitor Cells Are Repelled by Netrin-1 in the Embryonic and Injured Adult Spinal Cord. *Proc Natl Acad Sci U S A* 104(45): 17837-17842, 2007. PMID 17978191

Poliakov AV, Hertenberg X, Moore EB, Corina DP, Ojemann GA, Brinkley JF: Unobtrusive Integration of Data Management with fMRI Analysis. *Neuroinformatics* 5(1): 3-10, 2007. PMID 17426350

Powell JM, Temkin NR, Machamer JE, Dikmen SS: Gaining Insight into Patients' Perspectives on Participation in Home Management Activities after Traumatic Brain Injury. *Am J Occup Ther* 61(3): 269-279, 2007. PMID 17569384

Ren X, Zhang X, Kim AS, Mikheev AM, Fang M, Sullivan R, Bumgarner R, Zarbl H: Comparative Genomics of Susceptibility to Mammary Carcinogenesis among Inbred Rat Strains: Role of Reduced Prolactin Signaling in Resistance of the Copenhagen Strain. *Carcinogenesis*, 2007. PMID 17916903

Roberti F, Sekhar LN, Jones RV, Wright DC: Intradural Cranial Chordoma: A Rare Presentation of an Uncommon Tumor. Surgical Experience and Review of the Literature. *J Neurosurg* 106(2): 270-274, 2007. PMID 17410711

Rozet I, Tontisirin N, Muangman S, Vavilala MS, Souter MJ, Lee LA, Kincaid MS, Britz GW, Lam AM: Effect of Equiosmolar Solutions of Mannitol Versus Hypertonic Saline on Intraoperative Brain Relaxation and Electrolyte Balance. *Anesthesiology* 107(5): 697-704, 2007. PMID 18073543

Samii A, Kelly VE, Slimp JC, Shumway-Cook A, Goodkin R: Staged Unilateral Versus Bilateral Subthalamic Nucleus Stimulator Implantation in Parkinson Disease. *Mov Disord* 22(10): 1476-1481, 2007. PMID 17523194

Samii A, Slimp JC, Friedly JL, Goodkin R: Spinal Accessory Neuropathy after Deep Brain Stimulation for Parkinson's Disease. *Stereotact Funct Neurosurg* 85(6): 296-298, 2007. PMID 17709983

Schalk G, Kubanek J, Miller KJ, Anderson NR, Leuthardt EC, Ojemann JG, Limbrick D, Moran D, Gerhardt LA, Wolpaw JR: Decoding Two-Dimensional Movement Trajectories Using Electrographic Signals in Humans. *J Neural Eng* 4(3): 264-275, 2007. PMID 17873429

University of Washington Dept of Neurological Surgery
Faculty Publications Jan-Dec 2007

Sekhar LN, Natarajan SK, Britz GW, Ghodke B: Microsurgical Management of Anterior Communicating Artery Aneurysms. *Neurosurgery* 61(5 Suppl 2): 273-290: discussion 290-272, 2007. PMID 18091242

Sekhar LN, Natarajan SK, **Ellenbogen** RG, Ghodke B: Cerebral Revascularization for Ischemia, Aneurysms and Skull Base Tumors. in press, 2007. PMID

Sekhar LN, Natarajan SK, Manning T, Bhagawati D: The Use of Fibrin Glue to Stop Venous Bleeding in the Epidural Space, Vertebral Venous Plexus, and Anterior Cavernous Sinus: Technical Note. *Neurosurgery* 61(3 Suppl): E51; discussion E51, 2007. PMID 17876220

Seto ML, Hing AV, Chang J, Hu M, Kapp-Simon KA, Patel PK, Burton BK, Kane AA, Smyth MD, Hopper R, Ellenbogen RG, Stevenson K, Speltz ML, Cunningham ML: Isolated Sagittal and Coronal Craniosynostosis Associated with Twist Box Mutations. *Am J Med Genet A*. 143(7): 678-686, 2007. PMID

Shenoy P, Miller KJ, Ojemann JG, Rao RPN: Generalizable Features for Electrocorticographic Bcis. *IEEE Trans Biomed Eng*, 2007. PMID

Silber JR, Bobola MS, Rostomily RC, Silbergeld DL, Chen J, Berger MS: Association of Progression-Free Survival Following Adjuvant Therapy with the DNA Repair Activities Apurinic Endonuclease and O6-Methylguanine-DNA Methyltransferase (Mgmt) in Glioblastoma [Abstract], in *Society for NeuroOncology*. Dallas, TX, 2007.

Singh T, **Kliot** M: Diagnosis and Treatment of Common Peroneal Nerve Problems, in Midha R, Zager E (eds): *Mastercases in Neurosurgery: Peripheral Nerve Surgery*. New York, Thieme Medical Publishers, 2007, p Chapter 43.

Singh T, Kliot M: Imaging of Peripheral Nerve Tumors. *Neurosurg Focus* 22(6): E6, 2007. PMID 17613223

Smyth MD, Limbrick DD, Jr., Ojemann JG, Zempel J, Robinson S, O'Brien DF, Saneto RP, Goyal M, Appleton RE, Mangano FT, Park TS: Outcome Following Surgery for Temporal Lobe Epilepsy with Hippocampal Involvement in Preadolescent Children: Emphasis on Mesial Temporal Sclerosis. *J Neurosurg* 106(3 Suppl): 205-210, 2007. PMID 17465386

Soto I, Oglesby E, Buckingham BP, Son JL, Roberson ED, Steele MR, Inman DM, Vetter ML, Horner PJ, Marsh-Armstrong N: Retinal Ganglion Cells Downregulate Gene Expression and Lose Their Axons within the Optic Nerve Head in a Mouse Glaucoma Model. *J Neurosci* 28(2): 548-561, 2008. PMID 18184797

Souter MJ, Rozet I, Ojemann JG, Souter KJ, Holmes MD, Lee L, Lam AM: Dexmedetomidine Sedation During Awake Craniotomy for Seizure Resection: Effects on Electrocorticography. *J Neurosurg Anesthesiol* 19(1): 38-44, 2007. PMID 17198099

Spence AM, Muzi M, Swanson KR, O'Sullivan SF, Rockhill JK, Rajendran JG, Adamsen TC, Link JM, Swanson PE, Yagle KJ, **Rostomily** RC, **Silbergeld** DL, Krohn KA:

University of Washington Dept of Neurological Surgery
Faculty Publications Jan-Dec 2007

Regional Hypoxia in Glioblastoma Multiforme Quantified with [F-18]-Fluoromisonidazole (Fmiso) PET before Radiotherapy: Correlation with Time to Progression and Survival. *Clin Cancer Res*: in revision Jan 08, 2008. PMID

Spence AM, Muzi M, Swanson KR, Rockhill JK, Rajendran JG, Adamsen TC, Link JM, Scharnhorst J, **Rostomily** RC, **Silbergeld** DL, Krohn KA: Imaging Resistance from Hypoxia in Glioblastoma Multiforme (Gm) with [F-18]-Fluoromisonidazole (Fmiso) PET before and after Radiotherapy (Rt), in *American Academy of Neurology*. Boston, MA, 2007.

Spinner RJ, Amrami KK, Wang H, **Kliot** M, Carmichael SW: Cross-Over: A Generalizable Phenomenon Necessary for Secondary Intra-neural Ganglion Cyst Formation. *Clin Anat*, 2008. PMID 18220283

Spinner RJ, Mokhtarzadeh A, Schiefer TK, Krishnan KG, Kliot M, Amrami KK: The Clinico-Anatomic Explanation for Tibial Intra-neural Ganglion Cysts Arising from the Superior Tibiofibular Joint. *Skeletal Radiol* 36(4): 281-292, 2007. PMID 17187290

Stelzer KJ, Douglas JG, Mankoff DA, Silbergeld DL, Krohn KA, Laramore GE, Spence AM: Positron Emission Tomography-Guided Conformal Fast Neutron Therapy for Glioblastoma Multiforme. *Neuro Oncol*, 2007. PMID 18055860

Sun Y, Alexander SP, Garle MJ, Gibson CL, Hewitt K, **Murphy** SP, Kendall DA, Bennett AJ: Cannabinoid Activation of Pparalpha; a Novel Neuroprotective Mechanism. *Br J Pharmacol*: in press online, 2007. PMID 17906680

Swanson KR, Rostomily RC, Alvord EC, Jr.: A Mathematical Modelling Tool for Predicting Survival of Individual Patients Following Resection of Glioblastoma: A Proof of Principle. *Br J Cancer* 98(1): 113-119, 2008. PMID 18059395

Temkin NR, Anderson GD, Winn HR, Ellenbogen RG, Britz GW, Schuster J, Lucas T, Newell DW, Mansfield PN, Machamer JE, Barber J, Dikmen SS: Magnesium Sulfate for Neuroprotection after Traumatic Brain Injury: A Randomised Controlled Trial. *Lancet Neurol* 6(1): 29-38, 2007. PMID 17166799

Tontisirin N, Armstead W, Waitayawinyu P, Moore A, Udomphorn Y, Zimmerman JJ, Chesnut R, Vavilala MS: Change in Cerebral Autoregulation as a Function of Time in Children after Severe Traumatic Brain Injury: A Case Series. *Childs Nerv Syst*, 2007. PMID 17429655

Tredway TL, Musleh W, Christie SD, Khavkin Y, Fessler RG, Curry DJ: A Novel Minimally Invasive Technique for Spinal Cord Untethering. *Neurosurgery* 60(2 Suppl 1): ONS70-74; discussion ONS74, 2007. PMID 17297368

Tun C, Guo W, Nguyen H, Yun B, Libby RT, Morrison RS, Garden GA: Activation of the Extrinsic Caspase Pathway in Cultured Cortical Neurons Requires P53-Mediated Down-Regulation of the X-Linked Inhibitor of Apoptosis Protein to Induce Apoptosis. *J Neurochem* 102(4): 1206-1219, 2007. PMID 17488272

University of Washington Dept of Neurological Surgery
Faculty Publications Jan-Dec 2007

Turner JA, Deyo RA, Loeser JD: Spinal Cord Stimulation: Stimulating Questions. *Pain* 132(1-2): 10-11, 2007. PMID 17845834

Turner JA, Sears JM, Loeser JD: Programmable Intrathecal Opioid Delivery Systems for Chronic Noncancer Pain: A Systematic Review of Effectiveness and Complications. *Clin J Pain* 23(2): 180-195, 2007. PMID 17237668

Ullrich P, Jensen M, **Loeser** JD, Cardenas D: Pain Intensity, Pain Interference, and Characteristics of Spinal Cord Injury. *Spinal Cord*: in press accepted, 2008 in press. PMID

Uo T, Kinoshita Y, Morrison RS: Apoptotic Actions of P53 Require Transcriptional Activation of Puma and Do Not Involve a Direct Mitochondrial/Cytoplasmic Site of Action in Postnatal Cortical Neurons. *J Neurosci* 27(45): 12198-12210, 2007. PMID 17989286

Valadka AB, Ellenbogen RG, Wirth Jr FP, Laws Jr ER: Acute Care Surgery: Challenges and Opportunities from the Neurosurgical Perspective. *Surgery* 14(3): 321-323, 2007. PMID

Vavilala MS, Muangman S, Waitayawinyu P, Roscigno C, Jaffe K, Mitchell P, Kirkness C, Zimmerman JJ, **Ellenbogen** R, Lam AM: Neurointensive Care; Impaired Cerebral Autoregulation in Infants and Young Children Early after Inflicted Traumatic Brain Injury: A Preliminary Report. *J Neurotrauma* 24(1): 87-96, 2007. PMID 17263672

Vavilala MS, Tontisirin N, Udomphorn Y, Armstead W, Zimmerman JJ, Chesnut R, Lam AM: Hemispheric Differences in Cerebral Autoregulation in Children with Moderate and Severe Traumatic Brain Injury. *Neurocrit Care*, 2007. PMID 18084727

Veisheh M, Gabikian P, Bahrami SB, Veisheh O, Zhang M, Hackman RC, Ravanpay AC, Stroud MR, Kusuma Y, Hansen SJ, Kwok D, Munoz NM, Sze RW, Grady WM, Greenberg NM, **Ellenbogen** RG, Olson JM: Tumor Paint: A Chlorotoxin: Cy5.5 Bioconjugate for Intraoperative Visualization of Cancer Foci. *Cancer Res* 67(14): 6882-6888, 2007. PMID 17638899

Vilela MD: Delayed Paradoxical Herniation after a Decompressive Craniectomy: Case Report. *Surgical Neurology*: June, 2007. PMID

Wang MC, Temkin NR, Deyo RA, Jurkovich GJ, Barber J, Dikmen S: Timing of Surgery after Multisystem Injury with Traumatic Brain Injury: Effect on Neuropsychological and Functional Outcome. *J Trauma* 62(5): 1250-1258, 2007. PMID 17495732

Watson NF, Dikmen S, Machamer J, Doherty M, **Temkin** N: Hypersomnia Following Traumatic Brain Injury. *J Clin Sleep Med* 3(4): 363-368, 2007. PMID 17694724

Winn HR, Temkin NR, Anderson GD, Dikmen SS: Magnesium for Neuroprotection after Traumatic Brain Injury. *Lancet Neurol* 6(6): 478-479, 2007. PMID 17509478