

FACULTY PUBLICATIONS - 2004  
Published in 2004 -- Includes Journal Articles and Book Chapters

1. Aaslid R, Newell DW: Response: Limitations in Estimating Critical Closing Pressure by Noninvasive Blood Pressure Measurements. *Stroke*, 2004.
2. Atli A, **Loeser JD**: Chronic Malignant Pain: Rational Management. *Consultant* 44:1693-1703, 2004.
3. **Avellino AM, Dailey AT**, Harlan JM, Sharar SR, Winn RK, McNutt LD, **Kliot M**: Blocking of up-regulated ICAM-1 does not prevent macrophage infiltration during Wallerian degeneration of peripheral nerve. *Exp Neurol* 187:430-444, 2004.
4. Blank A, **Bobola MS**, Gold B, Varadarajan S, Kolstoe DD, Meade EH, Rabinovitch PS, Loeb LA, **Silber JR**: The Werner syndrome protein confers resistance to the DNA lesions N3-methyladenine and O6-methylguanine: implications for WRN function. *DNA Repair (Amst)* 3:629-638, 2004.
5. **Bobola MS**, Emond MJ, Blank A, Meade EH, Kolstoe DD, Berger MS, **Rostomily RC, Silbergeld DL**, Spence AM, **Silber JR**: Apurinic endonuclease activity in adult gliomas and time to tumor progression after alkylating agent-based chemotherapy and after radiotherapy. *Clin Cancer Res* 10:7875-7883, 2004.
6. **Britz GW**, Eskridge J: Endovascular treatment of spinal cord arteriovenous malformations, in Winn HR (ed) *Youman's Neurological Surgery*. Philadelphia, Saunders, 2004, pp 2363-2374.
7. **Britz GW**, Lazar D, Eskridge J, Winn HR: Accurate intraoperative localization of spinal dural arteriovenous fistulae with embolization coil: technical note. *Neurosurgery* 55:252-255, 2004.
8. **Britz GW**, McCall TD, **Kliot M**: Peripheral and Cranial Nerves Injury: Surgical management of peripheral nerve injury and entrapment, in Moore AJ, Newell DW (eds): *Neurosurgery Principles and Practice*. London, Springer-Verlag, 2004, pp 557-572.
9. **Britz GW**, Newell DW, West GA, Winn HR: Traumatic cerebral aneurysms secondary to penetrating intracranial injuries, in Winn HR (ed) *Youman's Neurological Surgery*. Philadelphia, Saunders, 2004, pp 2131-2135.
10. **Britz GW**, Salem L, Newell DW, Eskridge J, Flum DR: Impact of surgical clipping on survival in unruptured and ruptured cerebral aneurysms: a population-based study. *Stroke* 35:1399-1403, 2004.
11. **Britz GW**, Winn HR: The natural history of unruptured saccular cerebral aneurysms, in Winn HR (ed) *Youman's Neurological Surgery*. Philadelphia, Saunders, 2004, pp 1781-1792.
12. **Chesnut RM**: Management of brain and spine injuries. *Crit Care Clin* 20:25-55, 2004.
13. Chu B, Ferguson MS, Underhill H, Takaya N, Cai J, **Kliot M**, Yuan C, Hatsukami TS: MRI detection of carotid atherosclerotic plaque ulcerations, calcification, and thrombosis. *Circulation*, 2005.
14. Cirak B, Ziegfeld S, Knight VM, Chang D, **Avellino AM**, Paidas CN: Spinal injuries in children. *J Pediatr Surg* 39:607-612, 2004.

15. Connolly JP, Gruss J, Seto ML, Whelan MF, **Ellenbogen R**, Weiss A, Buchman SR, Cunningham ML: Progressive postnatal craniosynostosis and increased intracranial pressure. *Plast Reconstr Surg* 113:1313-1323, 2004.
16. **Corina D**, Gibson E, Martin RF, Poliakov A, Brinkley JF, **Ojemann GA**: Dissociation of Action and Object Naming: Evidence from Cortical Stimulation Mapping. *Human Brain Mapping* 24:1-10, 2005.
17. **Dailey AT**, Rondina MT, Townsend JJ, Shrieve DC, Baringer JR, Moore KR: Sciatic nerve sarcoidosis: utility of magnetic resonance peripheral nerve imaging with radiation therapy. *Journal of Neurosurgery* 100:956-959, 2004.
18. **D'Ambrosio R**: Basic science of post-traumatic epilepsy, in Winn HR (ed) *Youman's Neurological Surgery*. Philadelphia, Saunders, 2004, pp 2449-2460.
19. **D'Ambrosio R**: The role of glial membrane ion channels in seizures and epileptogenesis. *Pharmacol Ther* 103:95-108, 2004.
20. **D'Ambrosio R**, Fairbanks JP, Fender JS, Born DE, Doyle DL, Miller JW: Post-traumatic epilepsy following fluid percussion injury in the rat. *Brain* 127:304-314, 2004.
21. **D'Ambrosio R**, Fender JS, Fairbanks JP, Simon EA, Born DE, Doyle DL, Miller JW: Progression from frontal-parietal to mesial-temporal epilepsy after fluid percussion injury in the rat. *Brain*, 2004.
22. **D'Ambrosio R**, Perucca E: Epilepsy after head injury. *Curr Opin Neurol* 17:731-735, 2004.
23. Dikmen SS, Bombardier CH, Machamer JE, Fann JR, **Temkin NR**: Natural history of depression in traumatic brain injury. *Arch Phys Med Rehabil* 85:1457-1464, 2004.
24. Doctor JN, Bleichrodt H, Miyamoto J, **Temkin NR**, Dikmen S: A new and more robust test of QALYs. *J Health Econ* 23:353-367, 2004.
25. **Dodrill CB**: The intracarotid amobarbital procedure or Wada test, in Winn HR (ed) *Youman's Neurological Surgery*. Philadelphia, Saunders, 2004, pp 2503-2510.
26. **Dodrill CB**: Neuropsychological assessment of the neurosurgical patient., in Winn HR (ed) *Youman's Neurological Surgery*. Philadelphia, Saunders, 2004, pp 16: 385-392.
27. Douglas JG, Barker JL, **Ellenbogen RG**, Geyer JR: Concurrent chemotherapy and reduced-dose cranial spinal irradiation followed by conformal posterior fossa tumor bed boost for average-risk medulloblastoma: efficacy and patterns of failure. *Int J Radiat Oncol Biol Phys* 58:1161-1164, 2004.
28. Douglas JG, **Silbergeld DL**, Laramore GE: Gamma Knife Stereotactic Radiosurgical Boost for Patients Treated Primarily with Neutron Radiotherapy for Salivary Gland Neoplasms. *Stereotact Funct Neurosurg* 82:84-89, 2004.
29. Ehret FW, Whelan MF, **Ellenbogen RG**, Cunningham ML, Gruss JS: Differential diagnosis of the trapezoid-shaped head. *Cleft Palate Craniofac J* 41:13-19, 2004.
30. **Ellenbogen R**, Rengachary R (eds): *Principles of Neurosurgery*. London, UK, Elsevier Mosby, 2004
31. Elliott JP, Newell DW: Entrapment syndromes of peripheral nerve injuries, in Winn HR (ed) *Youman's Neurological Surgery*. Philadelphia, Saunders, 2004, pp 3921-3940.
32. Elliott JP, Newell DW: Traumatic cerebrovascular injury, in Winn HR (ed) *Youman's Neurological Surgery*. Philadelphia, Saunders, 2004, pp 5203-5222.

33. Engel AK, Moll C, Fried I, **Ojemann GA**: Invasive recordings from the human brain -- clinical insights and beyond. *Nature Reviews Neuroscience*, 2005.
34. Englund C, Folkerth RD, **Silbergeld DL**, Alvord Jr. EC, Small R, Hevner R: Proliferative Potential of NeuN-Immunoreactive Cells in Neurocytoma. *J Neuropath*, 2004 in press.
35. Englund C, **Silbergeld DL**, Ellsworth EC, Jr., Small R, Hevner R: Case of the Month, March 2004: 24-year-old Woman with Bifrontal Headaches. *Brain Pathology* 14:341-342, 2004.
36. Eskridge J, **Britz GW**: Re: Retraction request: *AJNR* 23: 868-870, May 2002. *AJNR Am J Neuroradiol* 25:B1, 2004.
37. Esselman PC, Dikmen SS, Bell K, **Temkin NR**: Access to inpatient rehabilitation after violence related traumatic brain injury. *Arch Phys Med Rehabil* 85:1445-1449, 2004.
38. Garden GA, Guo W, Jayadev S, Tun C, Balcitis S, Choi J, Montine TJ, Moller T, **Morrison RS**: HIV associated neurodegeneration requires p53 in neurons and microglia. *Faseb J* 18:1141-1143, 2004.
39. **Goodkin R**: Response. *Surg Neurol* 62:278, 2004.
40. **Goodkin R**, Laska LL: Wrong disc space level surgery: medicolegal implications. *Surg Neurol* 61:323-341; discussion 341-322, 2004.
41. **Goodkin R**, Mesiwala AB: General principles of operative positioning, in Winn HR (ed) *Youman's Neurological Surgery*. Philadelphia, Saunders, 2004, pp 595-622.
42. Gordhan A, **Ojemann J**, Wippold FJ, 2nd: Empyema and pyogenic abscess. *Pediatr Neurosurg* 40:39-41, 2004.
43. Grande LA, **Loeser JD**, Ozuna J, Ashleigh A, Samii A: Complex regional pain syndrome as a stress response. *Pain* 110:495-498, 2004.
44. Grant G, **Britz GW**, **Goodkin R**, Jarvik JG, Maravilla KR, **Kliot M**: Magnetic resonance imaging for peripheral nerve disorders, in Winn HR (ed) *Youman's Neurological Surgery*. Philadelphia, Saunders, 2004, pp 3873-3888.
45. Grant G, **Ellenbogen RG**, Manning SC: Diagnosis and management of juvenile angiofibroma, in Winn HR (ed) *Youman's Neurological Surgery*. Philadelphia, Saunders, 2004, pp 1351-1360.
46. Grant G, **Kliot M**: General principles in evaluating and treating peripheral nerve injuries, in Winn HR (ed) *Youman's Neurological Surgery*. Philadelphia, Saunders, 2004, pp 3795-3797.
47. Grant GA, Goodkin R, Kliot M: Evaluation and treatment of traumatic peripheral nerve injuries., in Fessler R, Sekhar L (eds): *Atlas of Neurosurgical Techniques*, 2005.
48. Grant GA, **Goodkin R**, Maravilla KR, **Kliot M**: MR neurography: diagnostic utility in the surgical treatment of peripheral nerve disorders. *Neuroimaging Clin N Am* 14:115-133, 2004.
49. Grant GA, Jolley M, **Ellenbogen RG**, Roberts TS, Gruss JR, **Loeser JD**: Failure of autologous bone-assisted cranioplasty following decompressive craniectomy in children and adolescents. *J Neurosurg* 100:163-168, 2004.
50. Gruss JS, **Ellenbogen RG**, Whelan MF: Craniofacial tumors, in Winn HR (ed) *Youman's Neurological Surgery*. Philadelphia, Saunders, 2004, pp 5243-5265.

51. Hirose K, **Westrum LE**: Electron microscopy of degenerative changes in the chick basilar papilla after gentamicin exposure. *J Comparative Neurology* 470:164-180, 2004.
52. Holmes MD, **Silbergeld DL**, Drouhard D, Wilensky AJ, **Ojemann LM**: Effect of vagus nerve stimulation on adults with pharmaco-resistant generalized epilepsy syndromes. *Seizure* 13:340-345, 2004.
53. Jarvik JG, Yuen E, **Kliot M**: Diagnosis of carpal tunnel syndrome: electrodiagnostic and MR imaging evaluation. *Neuroimaging Clin N Am* 14:93-102, 2004.
54. Johnson MD, Yu LR, Conrads TP, Kinoshita Y, Uo T, Matthews JD, Lee SW, Smith RD, Veenstra TD, **Morrison RS**: Proteome analysis of DNA damage-induced neuronal death using high throughput mass spectrometry. *J Biol Chem* 279:26685-26697, 2004.
55. Keles GE, Lundin DA, Lamborn KR, Chang EF, **Ojemann G**, Berger MS: Intraoperative subcortical stimulation mapping for hemispherical peritumoral gliomas located within or adjacent to the descending motor pathways: evaluation of morbidity and assessment of functional outcome in 294 patients. *J Neurosurg* 100:369-375, 2004.
56. **Kliot M (ed)**: *Peripheral Nerve Section*. In: Berger MS, Prados MD, eds. *Textbook of Neuro-Oncology* W.B. Saunders, 2005 in press
57. Kwok K, Slimp JC, Born DE, **Goodkin R, Kliot M**: The evaluation and management of benign peripheral nerve tumors and masses, in Berger MS, Prados MD (eds): *Textbook of Neuro-Oncology*, W.B. Saunders, 2005.
58. Lazar D, Fitch MD, Silver J, **Kliot M**: Cellular and molecular mechanisms mediated injury and recovery in the nervous system., in Winn HR (ed) *Youman's Neurological Surgery*. Philadelphia, Saunders, 2004, pp 195-214.
59. Leadom EA, **Goodkin R**: Legal issues, in Winn HR (ed) *Youman's Neurological Surgery*. Philadelphia, Saunders, 2004, pp 407-418.
60. Lee CC, Tindall SC, **Kliot M**: Carpal tunnel syndrome, in Winn HR (ed) *Youman's Neurological Surgery*. Philadelphia, Saunders, 2004, pp 3889-3896.
61. Lee CC, Tindall SC, **Kliot M**: Entrapment syndromes of peripheral nerve injuries, in Winn HR (ed) *Youman's Neurological Surgery*. Philadelphia, Saunders, 2004, pp 3921-3940.
62. Lee LA, Vavilala MS, **Lam AM**, Douville C, Moore A, Visco E, Newell DW: Ophthalmic artery blood flow velocity increases during hypocapnia. *Can J Anaesth* 51:388-392, 2004.
63. Lemire RJ, Pendergrass TW, Beckwith JB, **Ellenbogen RG**: Tumors and malformations of the caudal spinal axis. *Pediatr Neurosurg* 38:174-180, 2003.
64. LeRoux PD, **Britz GW**, Winn HR: Traumatic intracranial aneurysms, in Aminoff MJ, Daroff RB (eds): *Encyclopedia of Neurological Sciences*, Academic Press, 2004, pp 178-187.
65. **Loeser JD**: A contemporary health care dilemma, in Bayes R (ed) 2: *Pain and Suffering in Clinical Practice, [Dolor y Sufrimiento en la Practica Clinica]*, Humanitas, 2004, pp 101-111.
66. **Loeser JD**: Guest Editorial: Evidence. *Neuromodulation* 7:151-152, 2004.
67. **Loeser JD**: Introduction, in Wilson P, Stanton-Hicks M, Harden RN (eds): *CRPS: Current Diagnosis and Therapy*. Seattle, IASP Press, 2004, pp 1-5.

68. **Loeser JD**: Point of View. *Spine* 29:16, 2004.
69. **Loeser JD**: Trends in Pain Therapy, in *PAIN: Passion, Compassion, Sensibility . A Wellcome Trust exhibition of the Science Museum 12 Feb - 20 June 2004*. London, Wellcome Trust, 2004.
70. **Loeser JD**: Pain, Suffering and the Brain: A Narrative of Meanings, in Loeser JD, Carr DB, Morris D (eds): *Narrative, Pain and Suffering*. Seattle, IASP Press, 2005.
71. **Loeser JD**, Carr DB, Morris D (eds): *Narrative, Pain and Suffering*. Seattle, IASP Press, 2005
72. **Loeser JD**, Grant G: Trigeminal Neuralgia, in Rengachary R, Ellenbogen R (eds): *Principles of Neurosurgery*, 2004, p Chapter 51.
73. **Loeser JD**, Turk DC: Multidisciplinary Pain Management, in Fisher WS, Burchiel KJ (eds): *Seminars in Neurosurgery, Part I: Pain Management for the Neurosurgeon*. New York, Thieme Publications, 2004, pp 13-29.
74. Lucas TH, McKhann GM, **Ojemann GA**: Functional separation of languages in the bilingual brain: a comparison of electrical stimulation language mapping in 25 bilingual patients and 117 monolingual control volunteers. *J Neurosurg* 101:449-457, 2004.
75. Martin RF, Brinkley JF, Hertenberg X, Poliakov A, Corina D, **Ojemann GA**: Anatomical parcellation of cortical language sites. *Medinfo* 2004:1742, 2004.
76. Mesiwala AH, Scampavia LD, Rabinovitch PS, Ruzicka J, **Rostomily RC**: On-line Flow Cytometry for Real-Time Surgical Guidance. *Neurosurgery* 55:551-561, 2004.
77. Miles AN, **Ojemann G**: Tailored resections for epilepsy, in Winn HR (ed) *Youman's Neurological Surgery*. Philadelphia, Saunders, 2004, pp 2615-2628.
78. Miles AN, **Ojemann GA**: Awake Surgery for Epilepsy, in Shorvon S, Perucca E, Fish D, Dodson WE (eds): *The Treatment of Epilepsy*. Oxford, Blackwell, 2004, pp 824-832.
79. Mohit AA, Samii A, Slimp JC, Grady MS, **Goodkin R**: Mechanical failure of the electrode wire in deep brain stimulation. *Parkinsonism Relat Disord* 10:153-156, 2004.
80. Mohit AA, Santiago P, **Rostomily RC**: Intramedullary tuberculoma mimicking primary CNS lymphoma. *Journal of Neurology, Neurosurgery and Psychiatry*; , 2004 accepted, in press.
81. **Mourad PD**, Farrell D, Stamps LD, Chicoine MR, **Silbergeld DL**: Why are Systemic Glioblastoma Metastases Rare? Systemic and Cerebral Growth of a Mouse Glioblastoma. *Surg Neurol*, 2004 in press.
82. Newell DW, **Lam AM**: Transcranial Doppler ultrasonography, in Winn HR (ed) *Youman's Neurological Surgery*. Philadelphia, Saunders, 2004, pp 1540-1560.
83. Newell DW, Vilela MD: Superficial temporal artery to middle cerebral artery bypass. *Neurosurgery* 54:1441-1448; discussion 1448-1449, 2004.
84. **Ojemann GA**, Schoenfield-McNeill J, Corina D: Different neurons in different regions of human temporal lobe distinguish correct from incorrect identification or memory. *Neuropsychologia* 42:1383-1393, 2004.
85. Rajaram V, Leuthardt EC, Singh PK, **Ojemann JG**, Brat DJ, Prayson RA, Perry A: 9p21 and 13q14 dosages in ependymomas. A clinicopathologic study of 101 cases. *Mod Pathol* 17:9-14, 2004.
86. Robinson JP, Turk DC, **Loeser JD**: Pain, Impairment, and Disability in the AMA Guides. *Journal of Law, Medicine and Ethics* 32:315-326, 2004.

87. **Rostomily RC**, Spence AM, **Silbergeld DL**: Neurosurgical Management of high grade gliomas, in Moore AJ, Newell DW (eds): *International Practices in Neurosurgery*. London, Springer Verlag, 2004, pp Chap 10, pp 167-186.
88. Santiago P, **Silbergeld DL**: Malignant gliomas: anaplastic astrocytoma, glioblastoma multiforme, gliosarcoma, malignant oligodendroglioma, in Winn HR (ed) *Youman's Neurological Surgery*. Philadelphia, Saunders, 2004, pp 969-980.
89. Schuster JM, **Silbergeld DL**: Motor, sensory and language mapping and monitoring for cortical resections, in Winn HR (ed) *Youman's Neurological Surgery*. Philadelphia, Saunders, 2004, pp 2531-2540.
90. Scroop R, **Britz GW**, West GA, Eskridge J: Endovascular therapy for vasospasm associated with subarachnoid hemorrhage, in Winn HR, LeRoux PD (eds): *Cerebrovascular Surgery*, 2004.
91. Spence AM, **Silbergeld DL**, **Rostomily RC**, Peterson R, Scharnhorst J: Phase II study of concurrent continuous temozolomide (TMZ) and tamoxifen (TMX) for recurrent malignant astrocytic gliomas. *Journal of Neuro-Oncology* 70:91-95, 2004.
92. Stevenson KL, Geyer JR, **Ellenbogen RG**: Pediatric Neuro-Oncology, in Moore AJ, Newell DW (eds): *Neurosurgery: Principles and Practice*. London, Springer, 2004, pp 489-504.
93. Sviri GE, Lewis DH, Correa R, **Britz GW**, Douville CM, Newell DW: Basilar Artery Vasospasm and Delayed Posterior Circulation Ischemia After Aneurysmal Subarachnoid Hemorrhage. *Stroke*, 2004.
94. Tozer KR, Skirboll SL, Winn HR: Monitoring and mapping of vision in the neurosurgical patient, in Winn HR (ed) *Youman's Neurological Surgery*. Philadelphia, Saunders, 2004, pp 2541-2549.
95. Turner JA, **Loeser JD**, Deyo RA, Sanders SB: Spinal cord stimulation for patients with failed back surgery syndrome or complex regional pain syndrome: a systematic review of effectiveness and complications. *Pain* 108:137-147, 2004.
96. Vavilala MS, Lee LA, Boddu K, Visco E, Newell DW, Zimmerman JJ, **Lam AM**: Cerebral autoregulation in pediatric traumatic brain injury. *Pediatr Crit Care Med* 5:257-263, 2004.
97. Vilela MD, **Britz GW**, **Rostomily RC**: Cerebellopontine angle tumors, in Rengachary R, Ellenbogen R (eds): *Principles of Neurosurgery*. Philadelphia, Elsevier Mosby, 2004, pp 521-531.
98. Vilela MD, **Rostomily RC**: Temporomandibular Joint-preserving Preauricular Subtemporal-Infratemporal Fossa Approach: Surgical Technique and Clinical Application. *Neurosurgery* 55:143-154, 2004.
99. **Wang MC**, Breeze RE: Cervical Spine Injury, in McIntyre R, Steigmann GV, Eiseman B (eds): *Surgical Decision Making*, Elsevier Science, 2004.
100. **Wang MC**, Breeze RE: Closed Head Injury, in McIntyre R, Steigmann GV, Eiseman B (eds): *Surgical Decision Making*, Elsevier Science, 2004.
101. Watson NF, Barber JK, Doherty MJ, Miller JW, **Temkin NR**: Does glucocorticoid administration prevent late seizures after head injury? *Epilepsia* 45:690-694, 2004.
102. Wenzel HJ, Patel LS, Robbins CA, **Emmi A**, Yeung RS, Schwartzkroin PA: Morphology of cerebral lesions in the Eker rat model of tuberous sclerosis. *Acta Neuropathol (Berl)* 108:97-108, 2004.

103. Wiseman D, Lundin DA, Shaffrey CI: Spondylolisthesis, in Winn HR (ed) *Youman's Neurological Surgery*. Philadelphia, Saunders, 2004, pp 3571-3586.
104. Witting A, Weydt P, Hong S, **Kliot M**, Moller T, Stella N: Endocannabinoids accumulate in spinal cord of SOD1 G93A transgenic mice. *J Neurochem* 89:1555-1557, 2004.
105. Xie Y, Weydt P, Howland D, **Kliot M**, Moller T: Expression of neuroinflammatory mediators and growth factors in the spinal cord of the G93A SOD1 transgenic rats. *Neuroreport*, 2005.
106. Yu LR, Conrads TP, Uo T, Issaq HJ, **Morrison RS**, Veenstra TD: Evaluation of the acid-cleavable isotope-coded affinity tag reagents: application to camptothecin-treated cortical neurons. *Journal of Proteome Research* 3:469-477, 2004.
107. Yu LR, Conrads TP, Uo T, Kinoshita Y, **Morrison RS**, Lucas DA, Chan K, Blonder J, Issaq HJ, Veenstra TD: Global Analysis of the Cortical Neuron Proteome. *Mol and Cell Proteomics* 3:896-907, 2004.