

CURRICULUM VITAE

The Johns Hopkins University School of Medicine

September 2012

Jon D. Weingart, MD

DEMOGRAPHIC AND PERSONAL INFORMATION

Current Appointments

Professor of Neurosurgery and Oncology
Johns Hopkins University School of Medicine

Vice-Chairman, Department of Neurosurgery

Personal Data

Johns Hopkins Hospital, Harvey 811
600 N. Wolfe Street
Baltimore, MD 21287-8811
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EDUCATION AND TRAINING

1983 B.A. Duke University - Chemistry

1987 M.D. Duke University Medical School

1987 – 88 Internship General Surgery – Johns Hopkins Hospital

1988 – 93 Neurosurgery Residency – Johns Hopkins Hospital

1991 – 93 Neurosurgical-Oncology Fellowship – Johns Hopkins Hospital

PROFESSIONAL ACTIVITIES

1993 – 94 Instructor, Neurosurgery
 Johns Hopkins University School of Medicine

1994 – 95 Assistant Professor, Neurosurgery

Indiana University Medical Center

- 1995 – 01 Assistant Professor, Neurosurgery and Oncology
Johns Hopkins University School of Medicine
- 2001 –2009 Associate Professor, Neurosurgery and Oncology
Johns Hopkins University School of Medicine Neurosurgery and
Oncology
- 2009 Professor, Neurosurgery and Oncology
Johns Hopkins University School of Medicine Neurosurgery and
Oncology

RESEARCH ACTIVITIES

1. Chen LS, **Weingart JB**, McNamara JO. Biochemical and radiohistochemical analyses of alpha-2 adrenergic receptors in the kindling model of epilepsy. *J Pharmacol Exp Ther.* 1990 Jun;253(3):1272-7.
2. Geisler FH, Tamargo RJ, **Weingart JD**. Modifications to the transverse Caspar cervical retractor blades optimized for a single-level anterior cervical discectomy. *J Spinal Disord.* 1993 Feb;6(1):57-9
3. Brem H, Tamargo RJ, Olivi A, Pinn M, **Weingart JD**, Wharam M, Epstein JI. Biodegradable polymers for controlled delivery of chemotherapy with and without radiation therapy in the monkey brain. *J Neurosurg.* 1994 Feb;80(2):283-90.
4. Sipos EP, Tamargo RJ, **Weingart JD**, Brem H. Inhibition of tumor angiogenesis. *Ann N Y Acad Sci.* 1994 Sep 6;732:263-72
5. **Weingart JD**, Sipos EP, Brem H. The role of minocycline in the treatment of intracranial 9L glioma. *J Neurosurg.* 1995 Apr;82(4):635-40.
6. **Weingart JD**, Thompson RC, Tyler B, Colvin OM, Brem H. Local delivery of the topoisomerase I inhibitor camptothecin sodium prolongs survival in the rat intracranial 9L gliosarcoma model. *Int J Cancer.* 1995 Sep 4;62(5):605-9.
7. Wiranowska M, Ransohoff J, **Weingart JD**, Phelps C, Phuphanich S, Brem H. Interferon-containing controlled-release polymers for localized cerebral immunotherapy. *J Interferon Cytokine Res.* 1998 Jun;18(6):377-85
8. Bowers DC, Georgiades C, Aronson LJ, Carson BS, **Weingart JD**, Wharam MD,

- Melhem ER, Burger PC, Cohen KJ. Tectal gliomas: natural history of an indolent lesion in pediatric patients. *Pediatr Neurosurg*. 2000 Jan;32(1):24-9
9. Jackman SV, **Weingart JD**, Kinsman SL, Docimo SG. Laparoscopic surgery in patients with ventriculoperitoneal shunts: safety and monitoring. *J Urol*. 2000 Oct;164(4):1352-4.
 10. Fisher PG, Breiter SN, Carson BS, Wharam MD, Williams JA, **Weingart JD**, Foer DR, Goldthwaite PT, Tihan T, Burger PC. A clinicopathologic reappraisal of brain stem tumor classification. Identification of pilocystic astrocytoma and fibrillary astrocytoma as distinct entities. *Cancer*. 2000 Oct 1;89(7):1569-76.
 11. Rhines LD, Sampath P, Dolan ME, Tyler BM, Brem H, **Weingart J**. O6-benzylguanine potentiates the antitumor effect of locally delivered carmustine against an intracranial rat glioma. *Cancer Res*. 2000 Nov 15;60(22):6307-10.
 12. Bowers DC, Krause TP, Aronson LJ, Barzi A, Burger PC, Carson BS, **Weingart JD**, Wharam MD, Melhem ER, Cohen KJ. Second surgery for recurrent pilocytic astrocytoma in children. *Pediatr Neurosurg*. 2001 May;34(5):229-34.
 13. Storm PB, Moriarity JL, Tyler B, Burger PC, Brem H, **Weingart J**. Polymer delivery of camptothecin against 9L gliosarcoma: release, distribution, and efficacy. *J Neurooncol*. 2002 Feb;56(3):209-17.
 14. Guarnieri M, Biser-Rohrbaugh A, Tyler BM, Gabikian P, Bunton TE, Wu QZ, **Weingart J**, Carson Sr BS. Toxicity of intracranial and intraperitoneal O6-benzyl guanine in combination with BCNU delivered locally in a mouse model. *Cancer Chemother Pharmacol*. 2002 Nov;50(5):392-6. Epub 2002 Sep 27.
 15. Sampath P, Amundson E, Wall ME, Tyler BM, Wani MC, Alderson LM, Colvin M, Brem H, **Weingart JD**. Camptothecin analogs in malignant gliomas: comparative analysis and characterization. *J Neurosurg*. 2003 Mar;98(3):570-7.
 16. Tatter SB, Shaw EG, Rosenblum ML, Karvelis KC, Kleinberg L, **Weingart J**, Olson JJ, Crocker IR, Brem S, Pearlman JL, Fisher JD, Carson K, Grossman SA; New Approaches to Brain Tumor Therapy Central Nervous System Consortium. An inflatable balloon catheter and liquid 125I radiation source (GliaSite Radiation Therapy System) for treatment of recurrent malignant glioma: multicenter safety and feasibility trial. *J Neurosurg*. 2003 Aug;99(2):297-303.
 17. Frazier JL, Wang PP, Case D, Tyler BM, Pradilla G, **Weingart JD**, Brem H. Local delivery of minocycline and systemic BCNU have synergistic activity in the treatment of intracranial glioma. *J Neurooncol*. 2003 Sep;64(3):203-9.

18. Lesniak MS, Klem JM, **Weingart J**, Carson BS Sr. Surgical outcome following resection of contrast-enhanced pediatric brainstem gliomas. *Pediatr Neurosurg*. 2003 Dec;39(6):314-22.
19. Kleinberg LR, **Weingart J**, Burger P, Carson K, Grossman SA, Li K, Olivi A, Wharam MD, Brem H. Clinical course and pathologic findings after Gliadel and radiotherapy for newly diagnosed malignant glioma: implications for patient management. *Cancer Invest*. 2004;22(1):1-9.
20. Guerin C, Olivi A, **Weingart JD**, Lawson HC, Brem H. Recent advances in brain tumor therapy: local intracerebral drug delivery by polymers. *Invest New Drugs*. 2004 Jan;22(1):27-37.
21. Storm PB, Renard VM, Moriarity JL, Tyler B, Wilentz RE, Brem H, **Weingart JD**. Systemic BCNU enhances the efficacy of local delivery of a topoisomerase I inhibitor against malignant glioma. *Cancer Chemother Pharmacol*. 2004 Oct;54(4):361-7. Epub 2004 Jun 10.
22. McGirt MJ, Woodworth GF, Coon AL, Frazier JM, Amundson E, Garonzik I, Olivi A, **Weingart JD**. Independent predictors of morbidity after image-guided stereotactic brain biopsy: a risk assessment of 270 cases. *J Neurosurg*. 2005 May;102(5):897-901.
23. Woodworth G, McGirt MJ, Samdani A, Garonzik I, Olivi A, **Weingart JD**. Accuracy of frameless and frame-based image-guided stereotactic brain biopsy in the diagnosis of glioma: comparison of biopsy and open resection specimen. *Neurol Res*. 2005 Jun;27(4):358-62.
24. Chan TA, **Weingart JD**, Parisi M, Hughes MA, Olivi A, Borzillary S, Alahakone D, Detorie NA, Wharam MD, Kleinberg L. Treatment of recurrent glioblastoma multiforme with GliaSite brachytherapy. *Int J Radiat Oncol Biol Phys*. 2005 Jul 5;62(4):1133-9.
25. Quinn JA, Desjardins A, **Weingart J**, Brem H, Dolan ME, Delaney SM, Vredenburgh J, Rich J, Friedman AH, Reardon DA, Sampson JH, Pegg AE, Moschel RC, Birch R, McLendon RE, Provenzale JM, Gururangan S, Dancey JE, Maxwell J, Tourt-Uhlig S, Herndon JE 2nd, Bigner DD, Friedman HS. Phase I trial of temozolomide plus O6-benzylguanine for patients with recurrent or progressive malignant glioma. *J Clin Oncol*. 2005 Oct 1;23(28):7178-87.
26. Hourani R, Horska A, Albayram S, Brant LJ, Melhem E, Cohen KJ, Burger PC, **Weingart JD**, Carson B, Wharam MD, Barker PB. Proton magnetic resonance spectroscopic imaging to differentiate between nonneoplastic lesions and brain tumors in children. *J Magn Reson Imaging*. 2006 Feb;23(2):99-107.

27. Woodworth GF, McGirt MJ, Samdani A, Garonzik I, Olivi A, **Weingart JD**. Frameless image-guided stereotactic brain biopsy procedure: diagnostic yield, surgical morbidity, and comparison with the frame-based technique. *J Neurosurg*. 2006 Feb;104(2):233-7.
28. Griffin CA, Burger P, Morsberger L, Yonescu R, Swierczynski S, **Weingart JD**, Murphy KM. Identification of der(1;19)(q10;p10) in five oligodendrogliomas suggests mechanism of concurrent 1p and 19q loss. *J Neuropathol Exp Neurol*. 2006 Oct;65(10):988-94.
29. Gottschalk A, Berkow LC, Stevens RD, Mirski M, Thompson RE, White ED, **Weingart JD**, Long DM, Yaster M. Prospective evaluation of pain and analgesic use following major intracranial surgery. *J Neurosurgery* 2007, Feb;106(2):210-6.
30. Ahn ES, Bookland M, Carson BS, **Weingart JD**, Jallo GI. The Strata programmable valve for shunt-dependent hydrocephalus: the pediatric experience at a single institution. *Childs Nerv Syst*. 2007 Mar;23(3):297-303. Epub 2006 Oct 7.
31. McGirt MJ, Buck DW 2nd, Sciubba D, Woodworth GF, Carson B, **Weingart J**, Jallo G. Adjustable vs set-pressure valves decrease the risk of proximal shunt obstruction in the treatment of pediatric hydrocephalus. *Childs Nerv Syst*. 2007 Mar;23(3):289-95. Epub 2006 Nov 15.
32. Lawson HC, Sampath P, Bohan E, Park MC, Hussain N, Olivi A, **Weingart J**, Kleinberg L, Brem H. Interstitial chemotherapy for malignant gliomas: the Johns Hopkins experience. *J Neurooncol*. 2007 May;83(1):61-70. Epub 2006 Dec 14.
33. **Weingart J**, Grossman SA, Carson KA, Fisher JD, Delaney SM, Rosenblum ML, Olivi A, Judy K, Tatter SB, Dolan ME. Phase I trial of polifeprosan 20 with carmustine implant plus continuous infusion of intravenous O6-benzylguanine in adults with recurrent malignant glioma: new approaches to brain tumor therapy CNS consortium trial. *J Clin Oncol*. 2007 Feb 1;25(4):399-404.
34. McGirt MJ, Atiba A, Attenello F, Carson B, **Weingart J**, Jallo GI. Correlation of hindbrain CSF flow pathology and outcome after suboccipital decompression for pediatric Chiari I malformation. *Child's Nervous System*. 2008, July; 24(7)833-40. Epub 2008 Jan 19..
35. Hourani R, Brant LJ, Rizk T, **Weingart JD**, Barker PB, Horska A. Can proton MR spectroscopic and perfusion imaging differentiate between neoplastic and nonneoplastic brain lesions in adults? *American J Neuroradiology* 2008 Feb;29(2):366-72.
36. Fisher P, Tihan T, Goldwaite P, Wharam M, Carson B, **Weingart J**, Repka M, Cohen K, Burger P. Outcome analysis of childhood low-grade astrocytomas. *Pediatric Blood & Cancer*, 2008 Aug; 51(2):245-50..

37. McGirt MJ, Attenello F, Dato G, Gathinji M, Atiba A, Carson B, **Weingart JD**, Jallo GI. Intraoperative ultrasonography to guide suboccipital decompression without duraplasty for the treatment of Chiari I malformation in children. *J Neurosurg Pediatrics* 2008 Jul;2(1):527.
38. Attenello F, McGirt MJ, Atiba A, Gathinji M, Dato G, Carson B, **Weingart J**, Jallo GI. Suboccipital decompression for Chiari-associated scoliosis: Risk factors and time course of deformity progression. *J of Neurosurgery Pediatrics* 2008 June; 1(6):45-60.
39. Blakeley JO, Olson J, Grossman SA, He X, **Weingart J**, Supko JG: For the New Approaches to Brain Tumor Therapy (NABITT) Consortium. Effect of blood brain barrier permeability in recurrent high grade gliomas on the intratumoral pharmacokinetics of methotrexate: a microdialysis study. *J Neurooncol.*, 2008. Sept 12 [E pub ahead of print]
40. Gathinji M, McGirt MJ, Attenello FJ, Chaichana KL, Than K, Olivi A, **Weingart JD**, Brem H, Quinones-Hinojosa A. Association of preoperative depression and survival after resection of malignant brain astrocytoma. *Surg Neurol* , 2008. Sept 10 [E pub ahead of print]
41. Attenello Fj, Mukherjee D, Dato G, McGirt MJ, Bohlen E, **Weingart JD**, Brem H, Quinones-Hinojosa A. Use of Gliadel (BCNU) wafer in the surgical treatment of malignant glioma: a 10-year institutional experience. *Ann Surg Oncol.*, 10:2887-93, 2008.
42. McGirt MJ, Attenello FJ, Atiba A, Garces-Ambrossi G, Dato G, **Weingart JD**, Carston B, Jallo GL. Symptom recurrence after suboccipital decompression for pediatric Chiari malformation: analysis of 256 consecutive cases. *Childs Nerv Syst* 11:1333-9, 2008.
43. McGirt MJ, Chaichana KL, Gathinji M, Attenello F, Than K, Olivi A, **Weingart JD**, Brem H, Quinones-Hinojosa A. Independent association of extent of resection with survival in patients with malignant brain astrocytoma. *J Neurosurgery* 110(1):156-62, 2009.
44. McGirt, MJ, , Chaichana, Attenello F, Olivi A, **Weingart JD**, Brem H, Quinones-Hinojosa A. Extent of surgical resection is independently associated with survival in patients with hemispheric low-grade astrocytoma. *Neurosurgery* 63(4):700-7, 2008.
45. McGirt MJ, Than KD, Chaichmana KL, Attenello F, Olivi A, **Weingart JD**, Kleinberg LR, Grossman SA, Brem H, Quinones-Hinojosa A. Gliadel (BCNU) wafer plus concomitant temozolomide therapy after primary resection of glioblastoma multiforme. *J of Neurosurgery* 110(3):583-8, 2009.

46. Gathinji M, McGirt MJ, Attenello FJ, Chaichana KL, Than K, Olivi A, **Weingart JD**, Brem H, Quinones-Hinojosa A. Surgical Neurology 71(3):299-303, 2009.
47. Morad AH, Winters BD, Yaster M, Stevens RD, White ED, Thompson RE, **Weingart JD**, Gottschalk A. Efficacy of intravenous patient-controlled analgesia after supratentorial intracranial surgery:a prospective randomized controlled trial. J Neurosurgery Feb 27 2009 [Epub ahead of print].
48. Kleinberg L, Yoon G, **Weingart JD**, Parisi M, Olivi A, Detorie NA, Chan TA. Imaging after gliasite brachytherapy:prognostic indicators of disease control and recurrence. Int J Radiat Oncol Biol Phys Apr 23 2009, [Epub ahead of print].
49. Samuels R, McGirt MJ, Attenello FJ, Garces Ambrossi GL, Singh N, Solakoglu C, **Weingart JD**, Carson BS, Jallo GI. Incidence of symptomatic retethering after surgical management of pediatric tethered cord syndrome with or without duraplasty. Childs Nerv Syst. 2009 Sept;25(9):1085-9. Epub 2009 May 6
50. Rhoda RH, Gallia GL, Eberhart CG, **Weingart JD**, Lattera J. Epilepsy and temporal lobe injury after skull base proton beam therapy. J Clin Neurosci 2009, Sept 16(9):1220-1.Epub 2009 Jul 2.
51. Chaichana KL, McGirt MJ, Woodworth GF, Datto G, Tamargo RJ, **Weingart J**, Olivi A, Brem H, Wuinones-Hinojosa A. Persistent outpatient hyperglycemia in independently associated with survival, recurrence and malignant degeneration following surgery for hemispheric low grade gliomas. Neurol Res 2009 Jul 8
52. Frazier JL, Johnston MW, Burger PC, Weingart JD, Quinones-Hinojosa. Rapid malignant transformation of low-grade astrocytomas:report of 2 cases and review of the literature. Surgical Neurol 2009 Aug 6
53. MCGirt MJ, Mukherjee D, Chaichana KL, Than KD, **Weingart JD**, Quinones-Hinojosa A. Association of surgically acquired motor and language deficits on overall survival after resection of glioblastoma multiforme. Neurosurgery 2009 Sept;65:463-9; discussion 469-70.
54. Gallia GL, Binder ZA, Schwarz J, Moriarity JL, Weingart JD. Skull base chondrosarcoma presenting with hemorrhage. Can J Neurol Sci. 2009 Nov;36(6):774-5.
55. Sampson JH, Archer G, Pedain C, Wembacher-Schröder E, Westphal M, Kunwar S, Vogelbaum MA, Coan A, Herndon JE, Raghavan R, Brady ML, Reardon DA, Friedman AH, Friedman HS, Rodríguez-Ponce MI, Chang SM, Mittermeyer S, Croteau D, Puri RK;PRECISE Trial Investigators. Poor drug distribution as a possible explanation for the results of the PRECISE trial. J Neurosurg. 2010 Aug;113(2):301-9.

56. Chaichana KL, Kosztowski T, Niranjana A, Olivi A, Weingart JD, Laterra J, Brem H, Quiñones-Hinojosa A. Prognostic significance of contrast-enhancing anaplastic astrocytomas in adults. *J Neurosurg*. 2010 Aug;113(2):286-92
57. Frazier JL, Johnson MW, Burger PC, Weingart JD, Quinones-Hinojosa A. Rapid malignant transformation of low-grade astrocytomas: report of 2 cases and review of the literature. *World Neurosurg*. 2010 Jan;73(1):53-62; discussion e5. Epub 2009 Aug 7. Review.
58. Chaichana KL, Halthore AN, Parker SL, Olivi A, Weingart JD, Brem H, Quinones-Hinojosa A. Factors involved in maintaining prolonged functional independence following supratentorial glioblastoma resection. Clinical article. *J Neurosurg*. 2011 Mar;114(3):604-12. Epub 2010 Jun 4.
59. Chaichana KL, Garzon-Muvdi T, Parker S, Weingart JD, Olivi A, Bennett R, Brem H, Quiñones-Hinojosa A. Supratentorial glioblastoma multiforme: the role of surgical resection versus biopsy among older patients. *Ann Surg Oncol*. 2011 Jan;18(1):239-45. Epub 2010 Aug 10.
60. Raza SM, Gallia GL, Brem H, Weingart JD, Long DM, Olivi A. Perioperative and long-term outcomes from the management of parasagittal meningiomas invading the superior sagittal sinus. *Neurosurgery*. 2010 Oct;67(4):885-93; discussion 893.
61. Chaichana KL, Chaichana KK, Olivi A, Weingart JD, Bennett R, Brem H, Quiñones-Hinojosa A. Surgical outcomes for older patients with glioblastoma multiforme: preoperative factors associated with decreased survival. Clinical article. *J Neurosurg*. 2011 Mar;114(3):587-94. Epub 2010 Oct 1.
62. Chaichana KL, Zaidi H, Pendleton C, McGirt MJ, Grossman R, Weingart JD, Olivi A, Quiñones-Hinojosa A, Brem H. The efficacy of carmustine wafers for older patients with glioblastoma multiforme: prolonging survival. *Neurol Res*. 2011 Sep;33(7):759-64.
63. Morad A, Winters B, Stevens R, White E, Weingart J, Yaster M, Gottschalk A. The efficacy of intravenous patient-controlled analgesia after intracranial surgery of the posterior fossa: a prospective, randomized controlled trial. *Anesth Analg*. 2012 Feb;114(2):416-23. Epub 2011 Dec 9.
64. Chaichana KL, Pendleton C, Zaidi H, Olivi A, Weingart JD, Gallia GL, Lim M, Brem H, Quiñones-Hinojosa A. Seizure Control for Patients Undergoing Meningioma Surgery. *World Neurosurg*. 2012 Mar 30. [Epub ahead of print]

65. Link TW, Woodworth GF, Chaichana KL, Grossman SA, Mayer RS, Brem H, Weingart JD, Quinones-Hinojosa A. Hyperglycemia is independently associated with post-operative function loss in patients with primary eloquent glioblastoma. *J Clin Neurosci*. 2012 Jul;19(7):996-1000. Epub 2012 May 15.

66. Bettegowda C, Adogwa O, Mehta V, Chaichana KL, Weingart J, Carson BS, Jallo GI, Ahn ES. Treatment of choroid plexus tumors: a 20-year single institutional experience. *J Neurosurg Pediatr*. 2012 Aug 31. [Epub ahead of print]

Extramural Funding

1. Development of Camptothecin Analogues for Malignant Gliomas. American Cancer Society Institutional Research Grant 1996-1997 (\$10,000), ID IRG-11, Principle Investigator, supervise neurosurgical oncology fellow.
2. Interstitial Infusion of Transferrin-linked Diphtheria Toxin for Recurrent Malignant Gliomas, Nycomed, 1997-1999, (\$240,000), ID 451-2037, Principle Investigator, plan clinical protocol, supervise data manager.
3. New Approaches to Brain Tumor Therapy CNS Consortium, NIH/NCI, (\$98,456), Co-Investigator, plan clinical protocol, propose and manage Phase I/II clinical trials.
4. Controlled Release Polymers for Brain Tumors, NIH/NCI, (\$549,241), Co-investigator, plan clinical protocol, supervise data manager, interpret data of pre-clinical laboratory studies.
5. Interstitial Infusion of Transferrin-linked Diphtheria Toxin for Recurrent Malignant Gliomas, Xenova, (\$439, 182), Principle Investigator, plan clinical protocol, evaluate all eligible subjects nationally, supervise research nurse.
6. Convection Enhanced Delivery of IL-13-PE38QQR compared with Gliadel at 1st Recurrence, NeoPharm, (\$), Principle Investigator, plan clinical protocol, supervise research nurse.

EDUCATIONAL ACTIVITIES

Educational Publications

Peer Reviewed

1. **Weingart J** and Brem H. "Biology and therapy of glial tumors." *Current Opinion in Neurology and Neurosurgery* 2(4):259-279, 1992.

- 2.. **Weingart J** and Brem H. "Current management for high-grade gliomas." *Contemporary Oncology* 3(2):19-31, 1993.
3. Sipos EP, Tamargo RJ, **Weingart JD**, and Brem H. "Inhibition of Tumor Angiogenesis." *Annals of the NY Acad of Sciences* 732:263-272, 1994.
4. **Weingart JD**, Lattera JL, and Brem H. "Growth Factors and angiogenesis" *Balliere's Clinical Neurology* 5:307-318, 1996.
5. Guerin C, Olivi A, **Weingart JD**, Lawson HC, Brem H, "Recent advance in brain tumor therapy: local intracerebral drug delivery by polymers" *Investigation New Drugs* 22:27-37, 2004.
6. Raza S, Pradilla G, Legnani F, Thai Q, Olivi A, **Weingart J**, Brem H. "Local delivery of antineoplastic agents by controlled-release polymers for the treatment of malignant brain tumors." *Expert Opin.Biol. Ther.* (2005) 5(4):477-494. (7)

Case Reports

1. Carson BS, **Weingart JD**, Guarnieri M, Fisher PG. Third ventricular choroid plexus papilloma with psychosis. Case report. *J Neurosurg.* 1997 Jul;87(1):103-5.
2. Lesniak MS, Viglione MP, **Weingart J**. Multicentric parenchymal anthogranuloma in a child: case report and review of the literature. *Neurosurgery.* 2002 Dec;51(6):1493-8; discussion 14.
3. Lin LM, Sciubba DM, Gallia GL, Sosnowski J, **Weingart JD**. Diethylstilbestrol (DES)-induced clear cell adenocarcinoma of the vagina metastasizing to the brain. *Gynecol Oncol.* 2007 Feb 7 .
4. Than KD, Kretzer RM, Dorsi MJ, **Weingart JD**. Symptomatic mass effect of a hypertrophied pericranial flap after repair of a dural defect: case report. *Neurosurgery* 2007 Apr;60(4):E773.
5. Gallia GL, Binder ZA, Schwarz J, Moriarity JL, **Weingart JD**. Skull base chondrosarcoma presenting with hemorrhage. *Can J Neurol Sci* 2009 Nov 36:774-5
6. Frazier J, **Weingart JD**. Metastatic Insulinoma. *The Encocrinologist* 19:5, 2009

Book Chapters

1. **Weingart J** and Brem H. "Diagnosis and surgical management of brain tumors." In: Current Therapy in Oncology, J. E. Niederhuber, Editor, (B.C. Decker, Inc., Philadelphia-Toronto), 1992, pp 538-541.
2. **Weingart JD**. "The treatment of head injuries" in Current Surgical Therapy, 7th ed, Editor John Cameron, (Mosby, Inc, St. Louis) 2001, pp1070-1074.
3. **Weingart JD**. "Syringohydromyelia" in Current Treatment of Neurological Disease, Editors, Richard Johnson and Justin McArthur, (in press, 2001).
4. **Weingart JD** and Brem H. "Basic principles of cranial surgery for brain tumors." in Youman's Neurological Surgery, 5th ed, Editor H.R. Winn, pp 899-907.
5. **Weingart JD**. "Chiari Malformation." in Treatment of Pediatric Neurologic Disorders, Editor Singer/Kossoff/Crawford/Hartman (Taylor & Francis Group, NY) 2005, pp. 43-49.
6. **Weingart JD**. "The treatment of head injuries" in Current Surgical Therapy, 9th ed, Editor John Cameron, (Mosby, Inc, St. Louis) 2007.
7. **Weingart JD**, McGirt MJ, Brem H. „High Grade Astrocytoma/Glioblastoma“ in Neuro-Oncology of CNS Tumors, Editor Tonn, Westphal, Rutka, Grossman (Springer-Verlag, BerlinHeidleberg New York) 2006, pp 127-138.
8. DiMeco F, Brem H, **Weingart JD**, Olivi A, "Gliadel, A New Method for the Treatment of Malignant Brain Tumors" in Drug Delivery Systems in Cancer Therapy Editor D.M. Brown (Humana Press Inc., Totowa, NJ) 2007, pp 215-228.
9. Frazier J, Lim M, **Weingart JD**. „Brain Metastases“ in Multidisciplinary Management of Brain Metastases, Editor L. Kleinberg, in press 2008.

Other Media

Podcast "Brain Tumors", Johns Hopkins 2007

Teaching

Classroom Instruction

Clinical Neurology Lecture Series 1998-2001
 Neck and Low Back Pain
 Introduction to Brain Tumors
 Subarachnoid Hemorrhage

Surgery Intro for 1st yr Medical Students 1999-2001

Introduction to Neurosurgery (annual lecture)

Kenya International Training Mission

- lead Hopkins neurosurgical team
- lecture, surgical training of Kenyan neurosurgeons
- carry out neurosurgical operations
- cultural exchange

Mentoring (pre- and post-doctoral)

Laboratory Mentoring

Dr. Prakash Sampath
Dr. Larry Rhines

Neurosurgical Oncology Trainees

Dr Reid Thompson – Associate Professor Neurosurgery and Director of Neurosurgical Oncology, Vanderbilt University

Dr. Allen Sills – Associate Professor Neurosurgery and Director of Neurosurgical Oncology, University of Tennessee, Semmes-Murphy Clinic

Dr. Matt Ewend – Associate Professor Neurosurgery, Chief of Neurosurgery Division, Director of Neurosurgical Oncology, University of North Carolina

Dr. Matt Lesniak – Assistant Professor of Neurosurgery and Director of Neurosurgical Oncology, University of Chicago

Dr. Kevin Walter – Assistant Professor of Neurosurgery and Director of Neurosurgical Oncology, University of Rochester

Dr. Prakash Sampath – Clinical Professor of Neurosurgery, Boston University

Dr. Victor Perry – Associate Professor of Neurosurgery and Director of Pediatric Neurosurgery, University of North Carolina

Dr. Larry Rhines – Associate Professor of Neurosurgery MD Anderson Medical Center

Dr. Gary Gallia – Assistant Professor of Neurosurgery, Johns Hopkins School of Medicine

Resident Advisees

Dr. Michael Schlosser

Dr. Chris Lawson

Dr. Stan Anderson

Dr. Clint Baird

Lectures at Johns Hopkins

1. "Low Grade Astrocytomas - Natural History and Outcomes", Johns Hopkins Neurosurgery Grand Rounds 1996.
2. "Chiari Malformations", General Surgery Grand Rounds, 1997.
3. "Convection Enhanced Delivery as a New Treatment for Malignant Brain Tumors", General Surgery Grand Rounds, 1998.
4. "Local delivery of Camptothecin to experimental brain tumors" Johns Hopkins Neurosurgery Grand Rounds 1998.
5. "Pilocytic Astrocytomas: a Surgical Disease" Johns Hopkins Neurosurgery Grand Rounds 1999.
6. "Interstitial Drug Delivery and Convection Enhanced Delivery to the Brain" Johns Hopkins Neurosurgery Grand Rounds 2000.
7. "Chiari Malformations and Pain", Blaustein Pain Conference, May 2000.
8. "Brain Tumors: New Treatment Approaches" General Surgery Grand Rounds, Sept 2000.
9. "Chiari Malformations" Johns Hopkins Neurosurgery Grand Rounds 2001.
10. "O6-Benzyl Guanine: a novel approach to Malignant Brain Tumors", Johns Hopkins Neurosurgery Grand Rounds 2003.
11. "VP Shunt management", Johns Hopkins Neurosurgery Grand Rounds 2004.
12. "Convection Enhanced Delivery: mechanisms and preliminary results", Johns Hopkins Neurosurgery Grand Rounds, 2005.
13. "Glioblastoma: new treatment strategies", Johns Hopkins Neurosurgery Grand Rounds, 2006.
14. "Craniopharyngioma: A Need for Individualized treatment", Johns Hopkins Neurosurgery Grand Rounds, Feb 2008.

15. “Low-Grade Astrocytomas in Adults: Lessons Learned”, Johns Hopkins Neurosurgery Grand Rounds, Feb 2008.
16. “Chiari Malformations: How to Manage”, Johns Hopkins Neurosurgery Grand Rounds, August 2008.
17. “Multi-modality Glioma Treatment”, Johns Hopkins Neurosurgery Grand Rounds, Oct 2008.
18. Malignant Glioma: Advances and a Treatment Update, Johns Hopkins Neurosurgery Grand Rounds, Sept 2009
19. Oligodendroglioma, Johns Hopkins Neurosurgery Grand Rounds, Oct 2009

Invited Lecturers at Symposia and National Meetings

1. “New Treatments for Malignant Brain Tumors”, American Association of Neurological Surgeons Annual Meeting, Denver, CO, April 1997.
2. “Outcome from Severe Head Injury in a Pediatric Population”, Shock Trauma Annual Trauma Conference, Baltimore, MD, June 1997.
3. “New Treatments for Malignant Brain Tumors”, American Association of Neurological Surgeons Annual Meeting, Philadelphia, PA, Oct 1998.
4. “Interstitial Chemotherapy for Malignant Gliomas”, Cleveland Clinic Brain Tumor Symposium; Naples, FL, May 1999.
5. “Anti-angiogenesis as a New Treatment for Brain Tumors”, Cleveland Clinic Brain Tumor Symposium; Naples, FL, May 1999.
6. “Management of Posterior Fossa Tumors in Children”, Congress of Neurological Surgeons Annual Meeting, Boston, MA, Nov 1999.
7. “Intra-operative Navigational Tools in Brain Tumor Surgery”, The Society of Neuro-Oncology, Scottsdale, AZ, 1999.
8. “Management of Posterior Fossa Tumors in Children”, Congress of Neurological Surgeons Annual Meeting, San Antonio, TX, Oct 2000.)
9. “Controlled Release and Brain Tumor Therapy”, Controlled Release Society International Annual Meeting, Maui, Hawaii June 2004.

10. “Drug Resistance and Gliomas”, Cleveland Clinic Brain Tumor Symposium, Cleveland, Ohio May 2006.
11. “Combined Interstitial and Systemic Therapies”, 7th Annual International Neuro-oncology Updates, Baltimore, Maryland Sept 2008.
12. “Treatment effect vs Recurrent Tumor”, 10th Annual International Neuro-Oncology Updates, Nashville, Tennessee, Sept 2010
13. “Surgical Decision Making”, 11th Annual International Neuro-Oncology Update, Baltimore, Maryland, Sept 2012

Invited Lectures at International Meetings

1. “Gliadel: a Perspective”, Madrid Brain Tumor Symposium, Madrid, Spain June 2005
2. “Frameless Stereotactic Biopsy: the Johns Hopkins Experience”, Italian Neurosurgical National Meeting, Rome, Italy July 2007
3. “O6-Benzylguanine in Combination with Local BCNU in the Treatment of High-grade Gliomas”, 2nd International Update in Neuro-Oncology, Cortona, Italy July 2007
4. “Combination Treatments for High Grade Glioma”, European Association of Neurological Surgeons, Glasgow, Scotland, Sept 2007
5. “Primary Brain Tumors, Management and Treatment Strategies”, Kenyatta National Hospital, Nairobi, Kenya Oct 2008.

Lectures at Other Institutions

1. “New Treatments for Brain Tumors”, Neurosurgery Grand Rounds, University of Cincinnati, 1994.
2. “Local Delivery as a new Treatment Strategy for Brain Tumors”, Neurosurgery Grand Rounds, University of Indiana, Sept 1996.
3. “Gliadel for Brain Tumors”, Neurosurgery Grand Rounds, Univ of Kentucky, 1997.
4. “Brain Tumors: Biology and Drug Delivery”, Neurosurgery Grand Rounds, Univ of Wisconsin, 1998.
5. “Clinical Protocols for High Grade Gliomas”, Neurosurgery Grand Rounds, Tufts/New England Deaconess Medical Center, 1998.

6. “Clinical Protocols for High Grade Gliomas”, Neurosurgery Grand Rounds; Case Western Reserve University, 1998.
7. “Drug Development for Malignant Brain Tumors”, Neurosurgery Grand Rounds, SUNY at Buffalo, 1999.
8. “Gliadel: the Hopkins Experience” Neurosurgery Grand Rounds, East Carolina University, March, 2006.
9. “Rationale for Drug Delivery for High Grade Gliomas”, Cancer Center Grand Rounds, East Carolina University. March 2006

Teaching Awards

Richard Otensak Award for Teaching Excellence (1999) – chosen by residents

Chairman’s Award for Teaching 2007 – for outstanding contribution as a mentor and educator of students, staff, and faculty in the art and science of neurosurgery

Educational Program Building/Leadership

1. Redesign Grand Rounds format
 - introduction of a case management presentation and discussion by faculty member
2. Establishment of resident-faculty clinical mentor program
 - residents now assigned a faculty member who will provide feedback regarding their progress throughout training
3. Division of adult neurosurgery service into Tumor, Vascular, and Spine

CLINICAL ACTIVITIES

Certification

National Boards 1988

Neurosurgery Specialty Boards 1998

Clinical Volume 350-400 cases/yr
 14,500 RVUs (median for academic neurosurgeon 8800)
 2000 outpatient visits/yr

Clinical Conferences

Adult Brain Tumor Conference

- weekly conference (1.5 hrs) involving case management and teaching
- involving medical oncology, radiation oncology, pathology, neurology, and neurosurgery
- leading the neurosurgical opinions

Pediatric Neuro-Oncology Conference

- weekly conference (1.5 hrs), patient management conference involving medical oncology, radiation oncology, pathology, neurology, and neurosurgery
- leader in the surgical decisions

Clinical Program Building/Leadership

1. Establishment of Brain Tumor Center
 - initiated market study of brain tumors in region and nationally
 - reviewed and edited study and developed action plan
 - led to additional hiring, faculty and nurse
 - establishment of brain tumor database
 - community outreach and patient support
 - development of an annual continuing education forum
2. Director of Neurosurgical Operating Room
 - manage the daily use of OR including block time assignment, room usage, equipment management, and patient safety
 - review monthly reports
 - establishment of web site to facilitate OR usage
 - manage daily flow of OR cases into OR to the NeuroCritical Care Unit and to the ward
 - directed the search and purchase of Intraoperative MRI and Intraoperative navigation equipment.
 - lead monthly Neurosurgical Operating Room meeting
3. Design of Neurosurgical Operating Room for new Hospital
 - multiple meetings with architects and equipment manufacturers for room design and equipment needs

Research Program Building/Leadership (DATES MISSING FOR 3 – 8)

1. PI (institutional) - Treatment IND for the use of Gliadel in patients with recurrent malignant glioma, 1995-1996. (RPN 9510132)
2. PI (national study chairman) - Phase I/II trial using Gliadel in children with brain tumors, 1997-1998.

3. PI (institutional) - Interstitial infusion of transferrin linked diphtheria toxin for malignant brain tumors.
4. PI (institutional) - A multicenter, open label clinical study to evaluate the safety and performance of the proxima gliasite RTS, a radiation delivery system, in patients with recurrent malignant brain tumors undergoing surgical resection, (NIH #, NABTT 9801).
5. PI (NABTT) - Phase I Gliadel and Continuous Infusion of Intravenous O6-Benzylguanine Trial with Recurrent Malignant Glioma (NIH #, NABTT 9803).
6. PI (NABTT) - Phase I/II Study of Interstitial Infusion of IL13-PE38QQR Cytotoxin in Recurrent Malignant Glioma (NIH #, NABTT 9903).
7. PI (Institutional) – Phase III Multicenter Study of Intratumoral/Interstitial therapy with TransMID Compared to Best Standard of Care in Patients with Progressive and/or Recurrent, Non-Resectable Glioblastoma Multiforme
8. PI (Institutional) – Phase III Randomized Evaluation of Convection Enhanced Delivery of IL13- PE38QQR Compared to Gliadel Wafer with Survival Endpoint in Glioblastoma Multiforme Patients at First Recurrence

ORGANIZATIONAL ACTIVITIES

Institutional Administrative Appointments

Pediatric Trauma Committee	1996 – ongoing
-monthly meeting reviewing M&M, case discussions	
Adult Trauma Committee	1995 – ongoing
-monthly meeting reviewing M&M, case management	
O.R. Efficiency Committee	2000
General Operating Room Emergency Management Committee	2001
Product Device Surgical Committee	2001
Surgical Executive Committee	2001-
Director, Neurosurgical Operating Rooms	2001-
Neurosurgical OR Committee	2006-

Advisory Committees

Executive Steering Committee for Phase III International Multi-institutional Trial of Intratumoral/Interstitial therapy with TransMID Compared to Best Standard of Care in Patients with Progressive and/or Recurrent, Non-Resectable Glioblastoma Multiforme
 -6 member group with participants from U.S, Germany, and Israel.
 -meetings 2-3x/yr throughout world (London, Paris, Bermuda, U.S.)

- monitor study progress
- evaluate MRI scans from participating institutions for patient eligibility
- evaluate catheter placement as ongoing evaluation mechanism
- propose and institute
- communicate with Data Monitoring Committee
- advise sponsor

Professional Societies

American Association of Neurological Surgeons	1991 to present
Congress of Neurological Surgeons	1992 to present
American Association of Cancer Research	1991 - 1994
AANS/CNS Joint Section of Cerebrovascular Surgery	1994-1998
Children's Oncology Group	1999 to present
AANS/CNS Joint Section of Tumors	2006-
Society of NeuroOncology	2006-

RECOGNITION

Honors

- Phi Beta Kappa (1983)
- Phi Lambda Upsilon National Chemistry Honor Society (1983)
- Alpha Omega Alpha (1986)
- Upjohn Award, American Association of Cancer Research (1992)
- Upjohn Resident Research Award (1992)
- Upjohn Resident Research Award (1993)