

STEPHEN M. BLOOMFIELD, M.D.

CURRICULUM VITAE

September 17, 2009

NAME: **STEPHEN MICHAEL BLOOMFIELD, M.D.**

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Department of Neurosurgery
JFK Hospital and Medical Center
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MEDICAL LICENSURES:

National Board of Medicine (1981)
West Virginia (1989-2006, inactive)
California (1987-1989, inactive)
Arizona (1984-1990, inactive)
Pennsylvania (2002 to Present)
New Jersey (2005-present)

BOARD CERTIFICATION:

American Board of Neurological Surgery, (11-15-2002)

HOSPITAL APPOINTMENTS:

Inactive:

West Virginia University Hospital, Morgantown, WV, 26506 (1989)

Monongalia General Hospital, Morgantown, WV, 26505 (1989)

HealthSouth MountainView Regional Rehabilitation Hospital
Morgantown, WV, 26505 (1990)

Wheeling Medical Park, Wheeling, WV (2003)

Ohio Valley Medical Center, Wheeling, WV (2003)

Active:

JFK Hospital and Medical Center, Edison, NJ (2005)

Muhlenberg Hospital, Plainfield, NJ (2005)

University Medical Center at Princeton, NJ (2007)

Jersey Shore Medical Center, NJ (2007)

University Medical Center at Princeton, NJ (2007)

EDUCATION:**Undergraduate:**

1968-1973

Rutgers College, New Brunswick, NJ

Degrees: Biological Sciences BS

Psychology BA

Graduate:

1973-1975

Rutgers University, Piscataway, NJ

Degrees: Psychobiology, MS

Biomedical Engineering

Medical School:

1975-1977

Universidad Autonoma de Guadalajara

Guadalajara, Mexico

1977-1980

Rutgers Medical School, Piscataway, NJ

Degree: M.D.

POST DOCTORAL TRAINING:**Residency Training:**

1980-1981

Surgical Internship: Rutgers Medical School

Piscataway, New Jersey

Chairman: Robert McKenzie, M.D.

1981-1982

Neurology Residency: New Jersey Medical School

Newark, New Jersey

Chairman: Stuart Cook, M.D.

1982-1987

Neurosurgical Residency:

Barrow Neurological Institute, Phoenix, Arizona

Chairperson: Robert Spetzler & John Green

Fellowship Training:

- 1978 **Neurochemical Evaluation of Seizure Disorders**
National Institutes of Health, NINCDS
Division of Neurochemistry
Preceptor: Janet Passenaue, Ph.D.
- 1986 **Evaluation and Neurosurgical Treatment of
Intractable Epilepsy:** UCLA, Los Angeles, CA
Preceptors: Paul Crandall, M.D.
Jerome Engel, M.D., Ph.D.
- 1987-1989 **Stereotactic and Functional Neurosurgery
Neuro-Oncology:** UCI, Irvine, CA
Preceptors: Ronald F. Young, M.D.
Patricia Rinaldi, Ph.D.

ACADEMIC APPOINTMENTS:

- 1987-1989 **CLINICAL INSTRUCTOR**
Department of Neurosurgery
University of California Irvine Medical Center
Orange, California
Chairperson: Ronald F. Young, M.D.
- 1989-2005 **ASSISTANT PROFESSOR OF NEUROSURGERY**
Department of Neurosurgery
West Virginia University Medical School
Morgantown, West Virginia 26506
- 2005-Present Seton Hall University

TEACHING RESPONSIBILITIES

- Neuroanatomy lectures, first year medical students (2/ year)
Neurosurgery lectures, second year medical students (2/ year)
Neurology Resident Education (2005-present)
Neurosurgery Resident Education (1989-2005)
Stereotactic and Functional Neurosurgery Fellowship Preceptor (1992-1995)

NATIONAL COMMITTEES:

Brain Tumor Cooperative Group (BTCG) (1989-1995)
Executive committee member
Subcommittee member for Radiosurgery

Joint Committee of the CNS and AANS on Devices and Drugs (1990-1995)
Subcommittee on Implanted Electrodes, **Chairperson**

PUBLICATIONS

ABSTRACTS:

1. Haut MW, Cutlip WD, and McFarland D, Stevenson JM, **Bloomfield SM**:
On the nature of Frontal lobe dysfunction in Schizophrenia.
Archives of Clinical Neuropsychology, 1992.
2. Haut MW, **Bloomfield SM**, and Franzen MD: Language and memory dysfunction
associated with a left thalamic tumor. Clinical Neuropsychologist 4(3), 301, 1990
3. Gupta N, and **Bloomfield SM**: Utility of PET Scanning in patients with metastatic brain
tumors. 44th Annual Mtg of the Society of Nuclear Medicine, 1998

CHAPTERS:

1. Spetzler RF, and **Bloomfield SM**: Horizons in the management of pediatric
cerebrovascular disease. In Wilson C and Edward M (eds): PEDIATRIC
CEREBROVASCULAR DISEASE-CONTROVERSIES IN NEUROSURGERY
University Press, 1989, pp. 451-461.
2. **Bloomfield SM**, and Carter PL: Intradural-extramedullary tumors of the thoracic spine.
In Donlin M. Long (ed): CURRENT THERAPY IN NEUROLOGICAL THERAPY.
2nd Edition Raven Press, 1989, pp.
3. Haut MW, **Bloomfield SM**, Kashden JL, and Haut JS: Brain Tumors. Chapter 17, In
Frank RG and Elliot TR (eds): Handbook of Rehabilitation Psychology. American
Psychological Association, Washington, D.C. pgs 359-376, 2000.
4. Sadrolhefazi A and **Bloomfield SM**: Interhemispheric and Bilateral Chronic Subdural
Hematoma. In Neurosurgery Clinics of North America, Vol. 11, No 3, July 2000, pgs
455-463.

5. **Bloomfield SM (contributor):** Parkinson-Plus Syndrome.
In E-Medicine Textbook in Neurology, Luzzio CC and Lorenzo NY (eds). 2001
<http://www.emedicine.com/neuro/contents.htm>

BOOK REVIEWS:

1. Jerome Engel, Jr. (ed): **Surgical treatment of the Epilepsies.**
Surgical Neurology 1988

ORIGINAL ARTICLES IN JOURNALS: *IN PRINT*

1. **Bloomfield SM**, White W, and Daspit CP: Microvascular decompression of cranial nerves via the retrolabyrinthine approach. Transactions-Pacific Coast Oto-Ophthalmological Society, pg.231 Vol. 65, 1984.
2. **Bloomfield SM** and Sonntag VKH: Delayed cerebral vasospasm after uncomplicated operation upon an unruptured aneurysm: Case report. Neurosurg, 1985(17): 792-796
3. **Bloomfield SM**, Sonntag VKH, and Spetzler RF: Pineal region lesions: A review. Barrow Neurological Institute Quarterly Pg. 10-23, Vol. 1, No. 3, 1985.
4. Masferrer R, Hadley M, **Bloomfield SM**, Spetzler RF, and Sonntag VKH: Transoral microsurgical resection of the Odontoid process. Barrow Neurological Institute Quarterly Pg. 34-40, Vol. 1, No. 3, 1985.
5. **Bloomfield SM**, White W, and Daspit CP: Retrolabyrinthine approach to the cerebellopontine angle for vascular compression syndromes of the cranial nerves. Barrow Neurological Institute Quarterly Pg. 40-45, Vol. 1, No. 4, 1985.
6. Haut MW, Haut J, and **Bloomfield SM**: Family Issues in the rehabilitation of patients with malignant brain tumors. Neurorehabilitation 1(2), 83, 1991.
7. Blumenthal D, Berho M, **Bloomfield SM**, Schochet SS, and Kaufman HH: Childhood Meningioma associated with Meningioangiomas: a case report. J of Neurosurg (78):287-289, 1993.
8. Yassini P, Sauter K, Schochet SS, Kaufman HH, and **Bloomfield SM**: Localized Hypertrophic Mononeuropathy (LHN) Involving Spinal Roots and Associated With Sacral Meningocele. J of Neurosurg (79):774-778, 1993.
9. Sinha PP, **Bloomfield SM**, and Smith GK: The Treatment of Intracranial Lesions

With Stereotactic Radiosurgery. WV Med J (90):186-189, 1994.

10. Sauter K, Kaufman HH, **Bloomfield SM**, Cline S, and Banks D: Treatment of high-dose intrathecal morphine overdose: Case report. J Neurosurg (81):143-146, 1994.
11. Yassini PR, Stickler DL, **Bloomfield SM**, Wiggins, RC, and Konat GW: Glioma-Stimulated Chemoattraction of Endothelial Cells and Fibroblasts *In Vitro*: A Model for the Study of Glioma -Induced Angiogenesis: Metabolic Brain Disease, (9); 393-401, 1994.
12. Ortiz O, **Bloomfield SM**, and Schochet S: Vascular Enhancement in Lhermitte-Duclos Disease: Case Report. Neuroradiology 37:545-548, 1995.
13. Haut MW, Cahill J, Cutlip WD, Stevenson JM, Makela EH, and **Bloomfield SM**: On the nature of the Wisconsin Card Sorting Test performance in Schizophrenia. Psychiatry Res. Nov 1;65(1):15-22, 1996.
14. **Bloomfield SM**, Hogg J, and Gross R: Analysis of Breakthrough Pain 50 Patients Treated with Intrathecal Morphine Infusion Therapy: Development of Tolerance or Infusion System Malfunction. Proceedings of the Meeting of the American Society for Stereotactic and Functional Neurosurgery, Marina del Rey, Calif., 1995 Part I Sterotact Funct Neurosurg 65:142-146, 1996.
15. Wetmore S, Korke K, and **Bloomfield SM**: Profound Hearing Loss from Intra-Vertebral Artery Cisplatin. Otolaryngology-Head and Neck Surgery. Volume 116, Number 2, pgs 234-237, February 1997.
16. Khosrovi H, Kaufmann HH, Hrabovsky E, **Bloomfield SM**, Prabhu V, and El-Kadi HA: Laparoscopic-Assisted Distal Ventriculoperitoneal Shunt Placement. Surg Neurol 49:127-135, 1998.
17. Gupta NC, Nicholson P, and **Bloomfield SM**: FDG-PET in the Staging Work-up of Patients with Suspected Intracranial Metastatic Tumors. Annals of Surgery, Vol 230, No.2, pg 202-206, 1999.
18. Khosrovi H, Sadrolhefazi A, El-Kadi H, **Bloomfield SM**, and Schochet SS: Intradural convexity chondroma: a case report and review of diagnostic features. WV Med J. 96(6):612-616, 2000.
19. Selker RG, Shapiro WR, Burger P, **Bloomfield SM**, et al: The Brain Tumor Cooperative Group NIH Trial 87-01: A Randomized comparison of Surgery, External Radiotherapy, and Carmustine versus Surgery, Interstitial Radiotherapy Boost, External Radiation Therapy, and Carmustine. Neurosurgery (51)2:343-357, 2002.

20. Miele VJ, Bendok B, **Bloomfield SM**, Ondra SL, Bailes JE: Ventriculoperitoneal shunt dysfunction in adults secondary to conditions causing a transient increase in intra-abdominal pressure: report of three cases. *Neurosurgery* Aug,55(2):434,2004
21. Miele VJ, Zeb S, Hogg JP, **Bloomfield SM**: Diagnostic pitfall of computed tomography in patients with superficial siderosis of the central nervous system. *WV Med J* Jul-Aug.101(4)172-175,2005
22. Landolfi JC, Zarny SD, **Bloomfield SM**: Trigeminal Neuralgia and Gamma Knife Radiosurgery: The New Jersey Neuroscience Institute Experience. *Journal of the New Jersey Neuroscience Institute*. Vol 1, Issue 1, 9-11,2006.
23. Abubakr A, Wambacq I, Ma W, Donahue J, Nochlin D, Zappulla R, **Bloomfield SM**: The surgical outcome of patients with Temporal Lobe Epilepsy of Non-Mesial Temporal Sclerosis. The New Jersey Neuroscience Institute Experience. *Journal of the New Jersey Neuroscience Institute*. Vol 1, Issue 1, 16-20,2006.
24. Miele VJ, Price KO, **Bloomfield SM**, Hogg J, Bailes JE: A review of intrathecal morphine therapy related granulomas. *Eur J Pain* Apr,10(3):251-261,2006.
25. **Bloomfield SM**, McKinney J, Smith L, Brisman J: Reliability of S100B in Predicting Severity of Central Nervous System Injury. *Journal of Neurocritical Care*, April, 2007

PUBLICATIONS SIGNIFICANTLY CONTRIBUTED TO WITHOUT AUTHORSHIP:

1. Shapiro WR, Green SB, Burger PC, et al: **A randomized comparison of Intra-arterial versus Intravenous BCNU with or without Intravenous 5 FU for newly diagnosed patients with malignant gliomas.** *J Neurosurg* 76:772, 1992.
2. Rinaldi P, Young R, Albe-Fessard D, and Chodakiewitz J: **Spontaneous neuronal hyperactivity in the medial and intralaminar Thalamic Nuclei of patients with deafferentation pain.** *J Neurosurg* 74(3):415-421, 1991.
3. Brem H, Piantadosi S, Burger P, et al: **Placebo controlled trial of safety and efficacy of intra-operative controlled delivery by biodegradable polymers of chemotherapy for recurrent gliomas.** *Lancet* 345:1008-1012, 1995.

PRESENTATIONS:

1. Bloomfield SM: **Pseudoseizures.** American Academy of Psychosomatic Medicine. Las Vegas, Nevada. October, 1982.

2. Bloomfield SM, Daspit CP, and White W: **Microvascular decompression of cranial nerves via the Retrolabyrinthine Transmastoid approach.** Pacific Coast Oto-Ophthalmological Society. Monterey, California. May, 1984.
3. Bloomfield SM, Shetter A, and Raudszens P: **Intraoperative somatosensory evoked potential monitoring: A Critique.** Congress of Neurological Surgeons. New York City, New York. October, 1984.
4. Bloomfield SM, and Sonntag VKH: **Cervical spine injuries in the trauma patient.** Greater Phoenix Trauma Rounds. Maricopa Medical Center, November, 1984.
5. Bloomfield SM, and Sonntag VKH: **Traumatic cervical spine subluxations without fracture on plain radiographs: Review of 87 cases.** Society of Neurological Surgeons. Phoenix, Arizona. May, 1985.
6. Bloomfield SM, and Sonntag VKH: **Halo brace treatment of traumatic cervical spine subluxations without fracture.** Congress of Neurological Surgeons. Honolulu, Hawaii. October, 1985.
7. Bloomfield SM, and Sonntag, VKH: **Halo brace treatment of traumatic cervical spine subluxations without fracture.** Joint Section on Spinal Disorders. San Diego, California. February, 1986.
8. Bloomfield SM, Leib J, and Engel J: **Multi-center patient registry and computerized database for the surgical management of intractable epilepsy (Phase I).** Temporal Lobe Club, American Epilepsy Society. Seattle, WA, November, 1986.
9. Bloomfield SM, Leib J, and Engel J: **Multi-center patient registry and computerized database for the surgical management of intractable epilepsy (Phase II).** Temporal Lobe Club, American Epilepsy Society. Baltimore, Md, December, 1987.
10. Bloomfield SM, and Sonntag VKH: **Comparison of twist-drill craniostomy versus burr-holes in the treatment of chronic subdural hematomas: Review of 70 cases.** Rocky Mountain Neurosurgical Society. Park City, Utah, June, 1987.
11. Bloomfield SM, Harrington T, and Beaton M: **Complications related to intracranial pressure monitoring: Experience with 1000 patients.** Rocky Mountain Neurosurgical Society Park City, Utah. June, 1987.
12. Bloomfield SM, Harrington T, and Beaton M: **Complications related to intracranial pressure monitoring: Experience with 1000 patients.** Congress of Neurological Surgeons. Baltimore, Maryland. October, 1987.
13. Bloomfield SM: **Prospective randomized investigations of treatments for patients with Malignant Gliomas.** Medical Staff Grand Rounds, Anaheim Memorial Hospital Anaheim, California. May, 1988.

14. Bloomfield SM: **Interstitial brachytherapy for the treatment of patient with Malignant Gliomas.** Orange County Medical Association. Orange, CA. Sept, 1988.
15. Bloomfield SM: **New advances in brain tumor research and therapy.** American Cancer Society, Orange County Chapter. Newport Beach, CA. September, 1988.
16. Bloomfield SM: **Current trends in neuro-oncology.** West Virginia State Medical Society. Greenbrier, West Virginia, August, 1989.
17. Bloomfield SM: **Prospective randomized investigations of the treatment of Malignant Gliomas.** Charleston Area Medical Center Oncology Grand Rounds. Charleston, WV. September, 1989.
18. Bloomfield SM: **Surgical management of pain.** Van Wagner Family Practice Conference. Morgantown, West Virginia, October, 1989.
19. Bloomfield SM: **Brachytherapy for the treatment of patients with Malignant Gliomas.** Monongalia County Medical Society. Morgantown, West Virginia, November 4, 1989.
20. Bloomfield SM: **Post-traumatic Epilepsy.** New Medico Neurologic Rehabilitation Center, Meadowlands, PA, November, 1989.
21. Bloomfield SM: **Use of lasers in neurosurgery.** West Virginia State Medical Society. Fairmont, West Virginia, February, 1990.
22. Bloomfield SM: **Pain management in cancer patients.** WVU Oncology Update 1990: Surviving with Cancer. Morgantown, West Virginia, March, 1990.
23. Young R, Rinaldi P, Bloomfield SM: **Spontaneous neuronal hyperactivity in the Intralaminar Thalamic Nuclei of patients with deafferentation pain.** American Association of Neurological Surgeons. Nashville, Tennessee, April 3, 1990
24. Haut M, Franzen M, and Bloomfield SM: **Language and memory dysfunction associated with a left Thalamic tumor.** American Psychological Association. Boston, Massachusetts, August, 1990.
25. Bloomfield SM: **Identification and treatment of post-traumatic Epilepsy.** New Medico Neurologic Rehabilitation Center, Meadowlands, PA, September, 1990.
26. Bloomfield SM: **Brachytherapy in the treatment of Malignant Gliomas.** CAMC Oncology Grand Rounds. Charleston, WV. October, 1990.
27. Bloomfield SM: **Neurosurgical treatment of chronic intractable pain.** Von Wagner Lecture, WV Medical Center. Morgantown, West Virginia, June, 1991.

28. Bloomfield SM: **Treatment of chronic pain with implantable devices.** Congress of Neurosurgeons. Orlando, Florida. October, 1991.
29. Bloomfield SM: **New treatments in neuro-oncology.** Charleston Area Medical Center Oncology Grand Rounds. Charleston, WV. November, 1991.
30. Bloomfield SM: **Invasive monitoring for the identification and treatment of post-traumatic Epilepsy.** New Medico Neurologic Rehabilitation Center, Meadowlands, PA, November, 1991.
31. Haut MW, Cutlip WD, McFarland D, Stevenson JM, Bloomfield SM: **On the nature of Frontal lobe dysfunction in Schizophrenia.** 11th Annual meeting of the national academy of neuropsychologists. Dallas, TX. November, 1991.
32. Bloomfield SM: **Medical and surgical treatment of difficult pain problems.** Camden-Clark Memorial Hospital Grand Rounds. Parkersberg, WV. April, 1992.
33. Bloomfield SM: **CT. vs MRI for Stereotactic Imaging.** International Symposium and Workshop: Stereotactic Surgery and Convergent Beam Radiosurgery. Los Angeles, CA. May, 1992.
34. Bloomfield SM: **Functional Stereotaxy.** International Symposium and Workshop: Stereotactic Surgery and Convergent Beam Radiosurgery. Los Angeles, CA. May, 1992.
35. Bloomfield SM: **Functional neurosurgical treatment of difficult pain syndromes.** Broaddus Hospital Medical Grand Rounds. Philippi, WV. July, 1992.
36. Bloomfield SM: **Spinal Morphine infusion therapy in the treatment of intractable benign pain syndromes.** Hospital Council of Western Pennsylvania Educational Symposium on Spinal Morphine Therapy. Warrendale, PA. September, 1992.
37. Bloomfield SM: **Computer guided treatments in neuro-oncology: Radiosurgery, Brachytherapy, Craniotomy, Ventriculocopy, and Biopsy.** CAMC Oncology Grand Rounds. Charleston, WV. September, 1992.
38. Bloomfield SM, Cline S, and Gross R: **Intrathecal Morphine Infusion Therapy For Benign Intractable Pain: Experience with 36 cases.** Dannmiller Educational Foundation Symposium titled: Opioids and Non-Malignant Pain. Atlanta, Georgia. April, 1993.
39. Bloomfield SM, Cline S, and Gross R: **Clinical analysis of breakthrough pain in patients with benign pain treated with intrathecal Morphine infusion therapy.** Dannmiller Educational Foundation Symposium titled: Opioids and Non-Malignant Pain. Atlanta, Georgia. April, 1993.

40. Cline S, Bloomfield SM, and Gross R: **Analysis of Hormonal Alterations and Polyarthralgias as novel complications of intrathecal Morphine infusion therapy.** Dannmiller Educational Foundation Symposium titled: Opioids and Non-Malignant Pain. Atlanta, Georgia. April, 1993.
41. Bloomfield SM: **Modern Applications of Radiosurgery** West Virginia State Neurosurgical Society Annual Meeting. Morgantown, West Virginia. August, 1993.
42. Bloomfield SM: **Ventriculoscopic Guided Stereotactic Aspiration of Colloid Cysts of the Anterior Third Ventricle.** Congress of Neurological Surgeons. Vancouver, Canada. October, 1993. (did not present due to illness)
43. Bloomfield SM: **Strategies to Avoid Potential Complications of Brachytherapy** Fischer-Leibinger Stereotactic Radiation Therapy Meeting Dallas, Texas. November, 1993.
44. Bloomfield SM: **Radiosurgery Patient Registry and Database** Fischer-Leibinger Stereotactic Radiation Therapy Meeting Dallas, Texas. November, 1993.
45. Bloomfield SM: **Radiosurgery and computer guided radiation therapy.** Monongalea County Medical Society. Morgantown, West Virginia, March, 1994.
46. Bloomfield SM: **Multi-center Radiosurgery Patient Registry & Computerized Database.** Fischer-Leibinger Stereotactic Radiation Therapy Meeting Tucson, Arizona, November , 1994.
47. Bloomfield SM: **Update in Advances in Neuro-Oncology: 1994.** Neuroscience Symposium., U of Texas, El Paso, November, 1994.
48. Bloomfield SM: **Neuro-Oncology in the Twenty-first Century.** Neuroscience Symposium., U of Texas, El Paso, November, 1994.
49. Bloomfield SM: **Pediatric Brain Tumors.** WVU-MDTV reach out program for continuing medical education, February,1995.
50. Bloomfield SM, Hogg J, and Gross R: **Analysis of Breakthrough Pain in 50 Patients Treated with Intrathecal Morphine Infusion Therapy: Development of Tolerance or Infusion System Malfunction.** American Society For Stereotactic And Functional Neurosurgery, Los Angeles, March, 1995.

51. Bloomfield SM, and Gross RT: **Intrathecal Morphine Infusion for Chronic Intractable Benign Pain: Experience with 60 patients.** Congress of Neurological Surgeons. San Francisco, California, October, 1995.
52. Bloomfield SM, El-Kadi H, and Khosrovi H: **Stereotactic Brain Biopsies Performed in the Ct-Scanner: Experience with 100 cases and advantages compared to Stereotactic biopsies in the OR or Free-hand Ct-guided biopsies.** Congress of Neurological Surgeons. San Francisco, California, October, 1995.
53. Ulewicz D, Saw C, Korb L, and Bloomfield SM: **Strategies for Optimizing 3-D Treatment Plans During Linear Accelerator Radiosurgery.** International Radiosurgery Meeting, Orlando, Florida, December, 1995
54. Bloomfield SM, and Gross RT: **Intrathecal Morphine Infusion for Chronic Intractable Benign Pain: Experience with 60 patients.** International Neuromodulation Society, Orlando, Florida March, 1996
55. Bloomfield SM: **Clinical Anatomical Relationships of the Limbic System** Visiting Professor Department of Neurosurgery, Birmingham Al, April, 1996
56. Bloomfield SM: **Cortical Localization: Optimizing Peri-operative Neuropsychological Outcome in Patients with Parenchymal Brain Tumors** Visiting Professor Department of Neurosurgery, Birmingham Al April, 1996
57. Bloomfield SM: **Computers in the Practice of Neurosurgery.** Fairmont Clinic, Fairmont, WV, December, 1996
58. Bloomfield SM: **Minimalistic Neurosurgery** Surgery Update 1997, WVU, Morgantown, WV, November, 1997
59. Bloomfield SM: **Implanted Devices for the Relief of Intractable Pain Syndromes** Intractable Pain Symposium, WVU, Morgantown, WV, November 1998
60. Wilkinson CC, and Bloomfield SM: **Intra-operative Instillation of Prophylactic Antibiotics During Shunt Surgery: Incidence of Shunt Infection versus Early Post-Operative Seizures.** The Neurosurgical Society of the Virginias, Hot Springs, Virginia, January 19, 2001
61. Miele V, Carr A, Crossley L, Graeber G, and Bloomfield SM: **Prognostic Variables of Non Small Cell CA Patients with Metastasis to the Brain-Ten Years Experience.** The Neurosurgical Society of the Virginias, Hot Springs, Virginia, January 19, 2001
62. Carr A, Miele V, Price K, and Bloomfield SM: **Ten Years Experience with Breakthrough Pain in Patients Treated with Intrathecal Drug Delivery Systems for Intractable Benign Pain.** The Neurosurgical Society of the Virginias, Hot Springs, Virginia, January 19, 2001

63. Howes G and Bloomfield SM: **Contrast of Three Techniques for Brain Biopsy and Evaluation of Use as Outpatient.** The Neurosurgical Society of the Virginias, Hot Springs, Virginia, January 19, 2001
64. Carr A, Miele V, Price K, and Bloomfield SM: **Ten years Experience with Breakthrough Pain in Patients Treated w/ Intrathecal Drug Delivery Systems for Intractable Benign Pain.** The AANS Annual Mtg, Toronto, Canada, April 22, 2001
65. Miele V, Crossley L, Graeber G, and **Bloomfield SM: Prognostic Variables of Non Small Cell CA Patients with Metastasis to the Brain-Ten Years Experience.** Congress of Neurological Surgery Annual Meeting, San Diego, CA, October, 2001
66. Bloomfield SM: **Surgical Approaches to Pineal Region Tumors.** WV Neurosurgery Department Fukushima Clinical conference. March 9th, 2002.
67. Bloomfield SM: **Surgical Management of Parkinson's disease.** International Symposium on Clinical Neurosciences and Cerebrovascular Skull Base Surgery West Virginia University, Morgantown, WV. April 13, 2002
68. Bloomfield SM: **Rehabilitation of Patients with Cortical Injuries.** HealthSouth MountainView Regional Rehabilitation Hospital Symposium. Morgantown WV. May 28th, 2002.
69. Bloomfield SM: **Behavioral Neurology of Cortical Lesions.** HealthSouth MountainView Regional Rehabilitation Hospital Symposium. Morgantown WV. May 28th, 2002.
70. Bloomfield SM: **Behavioral Neurology of Limbic System Pathology.** HealthSouth MountainView Regional Rehabilitation Hospital Symposium. Morgantown WV. May 28th, 2002.
71. Bloomfield SM: **Treatment of Patients with Pineal Region Tumors.** WV Neurosurgery Department Fukushima Clinical conference. June 14th, 2002.
72. Bloomfield SM: **Multi-disciplinary Approaches to the Treatment of Patients with Malignant Gliomas.** WV Neurosurgery Department Fukushima Clinical conference. September 17th, 2002.
73. Bloomfield SM: **Gamma Knife Radiosurgery for the Treatment of Patients with Metastatic Brain Tumors.** First Annual WV Gamma Knife Radiosurgery Symposium. Morgantown, WV, November 8th, 2002.
74. Bloomfield SM: **Pineal Region Tumors.** Speaker and Moderator of Subsection. 4th Pan Pacific Neurosurgery Congress. Honolulu, Hawaii, February 23, 2003.

75. Bloomfield SM: **Surgical Management of Gliomas.** 2nd International Symposium on Clinical Neurosciences and Cerebrovascular Skull Base Surgery West Virginia University, Morgantown, WV. October 23, 2003
76. Bloomfield SM: **History of Surgical Management of Movement Disorders.** Zappula Research Day, NJ Neuroscience Institute, Edison, NJ, June, 2005.
77. Bloomfield SM: **ICU Issues for Patients with Brain Tumors or Patients After Seizure Surgery.** 27th Annual Meeting of the NJ Society of Critical Care Medicine, Holmdel, NJ, October 7, 2005.
78. Bloomfield SM: **Evolutionary Improvements in Surgical Outcomes of Occipital Lobe Tumor Patients Treated with Functional Imaging and Neuro-Navigation Systems.** American Society for Stereotactic and Functional Neurosurgery. Annual Meeting, Boston, MA, June 3, 2006.
79. Bloomfield SM: **fMRI and DTI with Neuro-Navigation in the Treatment of Patients with Occipital Lobe Brain Tumors.** Zappula Research Day, NJ Neuroscience Institute, Edison, NJ, June 7, 2006.
80. Bloomfield SM: **New Horizons in functional neuro-navigation.** Invited speaker at Neuroradiology Symposium sponsored by GE, Inc. Chicago, IL, October 9, 2006.
81. Bloomfield SM: **Neurosurgical Treatment of Traumatic Brain Injury.** Johnson Rehabilitation Hospital Annual Symposium, Edison, NJ, November 30, 2006.
82. Bloomfield SM: **Neurosurgical Treatment of Intractable Spasticity.** Johnson Rehabilitation Hospital Annual Symposium, Edison, NJ, December 1, 2006.
83. Bloomfield SM: **Functional Neurosurgical Treatment of Intractable Pain Syndromes.** Grand Rounds, University Hospital at Princeton, NJ, December 5, 2006.
84. Bloomfield SM: **Neurosurgical Treatment of Dystonia .** Zappula Research Day, NJ Neuroscience Institute, Edison, NJ, June 6, 2007.
85. Bloomfield SM: **Modern Imaging and the treatment of patients with Occipital lobe brain tumors.** Zappula Research Day, NJ Neuroscience Institute, Edison, NJ, June, 2008.
86. Bloomfield SM: **Clinical use of S100B biomarkers in the treatment of patients with neurological illnesses.** Zappula Research Day, NJ Neuroscience Institute, Edison, NJ, June, 2009

TELEVISION APPEARANCES

1. Bloomfield SM: **Stereotactic Neurosurgical Treatments for Patients with Brain tumors.** KBOY, April 1992.
2. Bloomfield SM and Gutierrez A: **Medical and Surgical Treatment for Patients with Intractable Epilepsy.** Doctors on Call PBS, October 1997.
3. Bloomfield SM and Gutmann L: **Medical and Surgical Treatments for Patients with Parkinsons Disease.** Doctors on Call, PBS, March 2002.
4. Bloomfield SM and Steineke T: **fMRI and Diffusion Tensor Imaging to Improve Outcomes in Brain Tumor Surgery.** Max Gomez National Feed, NBC, July 2006.



POSTERS:

1. Bloomfield SM, Shetter A, and Raudszens P: **Intra-operative somatosensory evoked potential monitoring: Review of 169 cases.** American Association of Neurological Surgeons. San Francisco, CA. April, 1984.
2. Bloomfield SM, Harrington T, and Beaton M: **Complications related to intracranial pressure monitoring: Experience with 1000 patients.** American Association of Neurological Surgeons. Dallas, Texas. May, 1987.
3. Bloomfield SM, Harrington T, and Beaton M: **Intraventricular Gentamycin prophylaxis for ventriculostomies: Prospective randomized study in 120 ventriculostomy patients.** Congress of Neurosurgeons. Washington DC. Oct. 1992
4. Bloomfield SM and McAlister P: **Free-hand Ct-guided vs Stereotactic guided brain tumor biopsy: Prospective non-randomized comparison of efficacy, cost, and complications in 200 patients.** Congress of Neurosurgeons. Washington DC. Oct. 1992.
5. Pait TG, Kaufman HH, Laws ER, Bloomfield SM, and Ubelaker DH,: **Craniometry: Precursor to Stereotaxic Surgery** American Association of Neurological Surgeons, Boston, April, 1993.
6. Bloomfield SM, Cline S, and Gross R: **Intrathecal Morphine Infusion for Chronic Intractable Benign Pain: Experience with 40 patients.** Congress of Neurosurgeons. Vancouver, Canada, October, 1993.
7. Bloomfield SM, Cline S, and Gross R: **Analysis of Breakthrough Pain in 40 Patients Treated with Intrathecal Morphine Infusion Therapy: Development of Tolerance or Infusion System Malfunction.** Congress of Neurosurgeons. Vancouver, Canada, October, 1993.
8. Bloomfield SM, Cline S, Herschberger J, and Gross R: **Functional Neurosurgical Treatment of Thoracic Post-Herpetic Neuralgia: Spinal Cord Stimulation may be a safer and more effective treatment than Deep Brain Stimulation, Intrathecal**

- Morphine Infusion Therapy, Percutaneous Cervical Cordotomy, Thalamotomy, and DREZ lesions.** Congress of Neurosurgeons. Vancouver, Canada, October, 1993.
9. Bloomfield SM, Haut M, Breen L, and Ortiz O: **Strategic Approaches to Surgery in Patients with Occipital Lobe Brain Tumors: Congress of Neurosurgeons.** Vancouver, Canada, October, 1993.
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 13. Bloomfield SM, and Gross R: **Intrathecal Morphine Infusion for Chronic Intractable Benign Pain: Experience with 50 patients.** American Society For Stereotactic And Functional Neurosurgery, Los Angeles, March, 1995.
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 15. Bloomfield SM, El-Kadi H, Haut M, Ellis B, and Ortiz O: **Strategic Approaches to Surgery in Patients with Occipital Lobe Brain Tumors:** American Society For Stereotactic And Functional Neurosurgery, Los Angeles, March, 1995.
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 17. Saw C, Korb L, Ulewicz D, and Bloomfield SM: **Strategies for Optimizing 3-D Treatment Plans During Linear Accelerator Radiosurgery.** International Radiosurgery Meeting, Boston, Massachusetts, July, 1995
 18. El-Kadi H, Bloomfield SM, Ortiz O, Haut M, and Ellis G: **Alexia in Patients with Occipital Lobe Tumors: Functional Anatomy and Multi-disciplinary Strategies to Optimize Surgical Outcome.** Congress of Neurological Surgeons. San Francisco, California, October, 1995.

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20. Saw CB, Krishna KV, Korb LJ, Ulewicz DE, and Bloomfield SM: **Systematic study of the relationships between isodose contours and gantry angles in Linac-based radiosurgery.** American Association of Physicists in Medicine, AAPM, Philadelphia, PA, July, 1996
21. Haut M and Bloomfield SM: **Memory and Executive Functioning Status Post Colloid Cyst Removal.** International Neuropsychological Society Annual Mtg, Boston, MA, March, 1999
22. Wilkinson CC, Miele V, and Bloomfield SM: **Instillation of Prophylactic Antibiotics into Cerebrospinal Fluid Shunts during Shunt Surgery: Incidence of Shunt Infections versus Early Post-Operative Seizures.** Congress of Neurological Surgery annual Meeting, San Diego CA, October, 2001.
23. Miele V, Corssley L, Greaber G, and Bloomfield SM: **Prognostic Variables of Non Small Cell Cancer Patients with Metastasis to the Brain: Ten Year Experience.** Congress of Neurological Surgery annual Meeting, San Diego CA, October, 2001.
24. Multani J, Crowell E, and Bloomfield SM: **Chemosensitivity Testing Reliability in Predicting Clinical Response in Patients with Malignant Gliomas.** Congress of Neurological Surgery annual Meeting, San Diego CA, October, 2001.
25. Miele V, Price K, Hogg J, and Bloomfield SM: **Cerebral Hemosiderosis: Neuroradiological findings and Differential Diagnosis.** Congress of Neurological Surgery annual Meeting, San Diego CA, October, 2001.
26. Miele V, Corssley L, Greaber G, and Bloomfield SM: **Prognostic Variables of Non Small Cell Cancer Patients with Brain Metastasis: Selection of Patients for Aggressive Treatment.** American College of Surgeons Scientific Exhibition, San Francisco CA, October 6-10, 2002.

REFERENCES: (Upon request)

	<p style="text-align: center;">NEUROSURGICAL EXPERT MEDICAL WITNESS</p> <p style="text-align: center;">Stephen Bloomfield, M.D.</p> <p style="text-align: center;">(609) 651-1864</p> <p style="text-align: center;">bloomfield.steve@Gmail.com</p> <p style="text-align: center;">Fax (732) 744-5684</p>	
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This agreement by and between Stephen M. Bloomfield, M.D. and retaining attorney (listed below) is made to confirm arrangements for professional medical-legal services on behalf of the attorney's client (listed below).

Dependent upon the priorities of the retaining attorney, these services may include, but are not limited to record review, literature research, physical examination, medical opinion report, telephone conference, pre-trial or pre-deposition conference, deposition, and trial/arbitration appearance.

1) Fees

\$500.00 per hour for all services except travel time.

\$200.00 per hour for travel time portal to portal.

Travel and hotel accommodations, when necessary, to be arranged and paid for by retaining attorney.

2) Retainers

Initial retainer of \$3,000.00 will be requested prior to initiating the project.

A second retainer of \$3,000.00 will be requested from the retaining attorney prior to any participation in depositions even when the depositions are requested by opposing counsel. The retaining attorney will be responsible for collecting the hourly fee and travel expenses from the opposing counsel. In this manner, the expert is not responsible for collecting the expert's expenses and fees from the opposing counsel.

A pre-trial retainer of \$5,000.00 will be requested. All retainers must be received two (2) weeks in advance of the proceeding. Additional payment for time required beyond one day shall be made immediately upon conclusion of expert's testimony at that proceeding. Any unused part of any retainer not justified by an itemized bill documenting the expert's work will be returned to the retaining attorney within one month.

3) Notice of Cancellation

Notice of cancellation of any appearance more than 48 hours in advance shall result in a full refund of prepayment. Notice of cancellation of an appearance between 24 to 48 hours in advance shall result in a 50% refund. Notice of cancellation of an appearance less than 24 hours in advance shall result in no refund of the retainer.

4) Payment Obligation

The expert will submit an itemized list of work performed on a monthly basis and submit a bill for the remainder not covered by the retainer. The retaining attorney will pay within 30 days. Outstanding balances more than 30 days old will incur a 1.5% late charge for each month.

5) Termination

The expert reserves the right to terminate this agreement in event of non-payment of submitted fees and expenses. The expert will not testify or render any reports if any invoices are past due. If any dispute arises concerning the expert's fees or payment of such fees, the expert and retaining attorney agree that jurisdiction and venue over such dispute lies in Mercer County, New Jersey.

6) Designated Representative

The expert designates Jody Kashden, PhD. as the expert's representative to communicate with retaining attorney regarding scheduling, fees, expenses, or any other pertinent matters.

7) Initiation of Contract

If the retaining attorney has understood and agrees with this letter, please indicate by returning a copy of this letter signed below. Please contact me if you have any questions or would like to negotiate any changes to the contract.

I am pleased to assist you in this matter and look forward to working with you in the future.

Respectfully yours,

Stephen M. Bloomfield, M.D.

I understand and agree with this letter and hereby request Dr. Stephen M. Bloomfield to engage in this case as an expert medical witness with the above stated fee schedule.

Retaining Attorney

Case Identification

Date