

# CURRICULUM VITAE

## BIOGRAPHICAL

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## EDUCATION

Years	School	Degree
1973 - 1977	University of Pittsburgh Pittsburgh, Pennsylvania	B.S. (Chemistry)
1977 - 1981	The University of Chicago Pritzker School of Medicine Chicago, Illinois	M.D.
1987 - 1988	Joseph M. Katz Graduate School of Business, Univ. of Pittsburgh	Unfinished (MBA)

## POSTDOCTORAL TRAINING

1981-1982	Medical/Surgical Intern, The Waltham Hospital Waltham, Massachusetts
1982-1985	Radiation Oncology Residency, Massachusetts General Hospital, Harvard Medical School General Hospital Chairman: Herman D. Suit, M.D., Ph.D. Residency Director: John E. Munzenrider, M.D.

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## ACADEMIC APPOINTMENTS

1982-1985	Clinical Fellow in Therapeutic Radiology Harvard Medical School
1985-1990	Assistant Professor of Radiation Oncology

1990-1995	University of Pittsburgh, School of Medicine Associate Professor of Radiation Oncology
1991-1995	University of Pittsburgh, School of Medicine Associate Professor of Neurological Surgery
1995-present	University of Pittsburgh, School of Medicine Professor of Radiation Oncology and Neurological Surgery University of Pittsburgh, School of Medicine

### **HOSPITAL APPOINTMENTS**

1985	Presbyterian-University Hospital
1986	Eye & Ear Hospital
1988	Shadyside Hospital
1990	Montefiore Hospital

### **CERTIFICATIONS**

1982	National Board of Medical Examiners
1985	American Board of Radiology (Therapeutic Radiology)

### **LICENSURE**

1985	Pennsylvania (#MD-033467-E)
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### **PROFESSIONAL SOCIETIES**

1985-present	American College of Radiology
1985-present	American Society for Therapeutic Radiology and Oncology
1985-present	Pennsylvania Medical Society
1985-present	Allegheny County Medical Society
1986-present	Pennsylvania Radiological Society
1987-present	Eastern Cooperative Oncology Group
1987-present	American Society of Clinical Oncology
1989-95	European Society for Therapeutic Radiology and Oncology
1991-present	International Stereotactic Radiosurgery Society

### **SERVICE**

1988-1989	Medical Care Review Committee Presbyterian-University Hospital
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1987-present	Radiation Safety Committee University of Pittsburgh
1988-1990	Medical Economics/Benefit Committee Allegheny County Medical Society
1989-1994	Medical Staff Quality Improvement Committee Presbyterian-University Hospital
1990-present	Committee on Radiation Therapy Pennsylvania Radiologic Society
1992-present	Publications Committee, International Stereotactic Radiosurgery Society
1994-1995	Chairman, University of Pittsburgh Institutional Review Board Subcommittee on Radiation Safety
1998-present	Editorial Board, International Journal of Radiation Oncology Biology Physics
2004-present	University of Pittsburgh School of Medicine Clinical Research Steering Committee
2004-present	American Society for Therapeutic Radiology and Oncology, Technology Assessment Committee, Expert Panel on Brain Radiosurgery
<b>(9-06) NOTE:</b>	This finished last year (2005) after we published our findings I still serve on the University of Pittsburgh IRB too.

### ACADEMIC ACTIVITIES

Editorial board/Reviewer: International Journal of Radiation Oncology, Biology and Physics  
Reviewer: Clinical Cancer Research Journal  
Reviewer: American Journal of Clinical Oncology  
Reviewer: Physics and Medicine in Biology  
Reviewer: Radiotherapy and Oncology  
Reviewer: Technology in Cancer Research and Treatment

### TEACHING EXPERIENCE

1983-1985	Harvard Medical School, Course #500M.3 MGH Core Clerkship in Radiology
1985-1986	Joint Radiation Oncology Center Teaching and supervision of Radiation Oncology residents
1985-present	Teaching and Supervision of University of Pittsburgh medical oncology fellows and medical students for elective rotations in Radiation Oncology
1988-present	Adviser for senior University of Pittsburgh medical students
1992-1995	Review courses on radiosurgery, American Society for Therapeutic Radiology and Oncology, 1992, 1994, 1995 and Radiological Society of North America Annual

1992-1995	Meeting, Chicago, Illinois, December 1992, 1993 Clinical Epidemiology & Statistics, University of Pittsburgh School of Medicine (first year course): Small group discussion leader
1993	Review course on Radiosurgery. RSNA 79th Annual Meeting, Chicago, Illinois, December 1993
1994	Review course on Radiosurgery. American Society for Therapeutic Radiology and Oncology, 34th Annual Meeting, San Francisco, CA, October 6, 1994.
1994	Visiting Professor, National Cancer Institute, Bethesda, Maryland, November 4, 1994.
1995-present	Radiosurgery training course for neurosurgeons, radiation oncologists, and radiation physicists to train in radiosurgery. Originally 3 two-week courses per year, now six one-week courses per year. I deliver lectures on radiobiology, informed consent, and radiation dose selection, as well as assist with hands on training.

## HONORS

1977	Summa Cum Laude Graduate, University of Pittsburgh
1981	The Nels M. Strandjord Memorial Award for Radiology, The University of Chicago Pritzker School of Medicine
2002	Fellowship, American College of Radiology
2003	The Jacob Fabrikant Award of the International Stereotactic Radiosurgery Society for Outstanding Contributions to the Field of Radiosurgery.
2008	Pioneers in Radiosurgery Award for significant contributions to innovation and advancement in Gamma Knife surgery
2013	Resident Teaching Award

## PEER REVIEWED ARTICLES

1. De la Monte SM, Flickinger JC, Linggood RM: Histopathological features predicting recurrence of meningiomas following subtotal resection. *Am J Surg Pathol* 10:836-843, 1986.
2. Flickinger JC, Torres C, Deutsch M: Radiation therapy of glioma of the optic nerve and chiasm. *Cancer* 61:635-642, 1988.
3. Flickinger JC, Jawalekar J, Deutsch M, Webster J: Split course radiation therapy for adenocarcinoma of the pancreas. *Int J Radiat Oncol Biol Phys* 15:359-364, 1988.
4. Lunsford LD, Flickinger JC, Lindner G, Maitz A: Stereotactic radiosurgery of the brain using the first United States 201 Cobalt 60 source gamma knife. *Neurosurgery* 24:151-159, 1989.
5. Pollack IF, Lunsford LD, Flickinger JC, Dameshek HL: Prognostic factors in the diagnosis and treatment of primary central nervous system lymphoma. *Cancer* 63:939-947, 1989.
6. Flickinger JC, Deutsch M: Reconstructing tumor volumes from computed tomography scans to simulation films. *Radiotherapy Oncol* 14:151-158, 1989.

7. Flickinger JC, Deutsch M, Lunsford LD: Repeat megavoltage irradiation of pituitary and suprasellar tumors. *Int J Radiat Oncol Biol Phys* 17:171-175, 1989.
8. Nelson PB, Goodman ML, Flickinger JC, Richardson SW, Robinson AG: Endocrine function in patients with large pituitary tumors treated with operative decompression and radiation therapy. *Neurosurgery* 24:398-400, 1989.
9. Flickinger JC, Nelson PB, Martinez AJ, Taylor FH, Deutsch M, Robinson AG: Radiotherapy of nonfunctional adenomas of the pituitary gland, results with long-term follow up. *Cancer* 63:2409-2414, 1989.
10. Flickinger JC, Nelson PB, Taylor FH, Robinson AG: Incidence of cerebral infarction after radiotherapy for pituitary adenoma. *Cancer* 63:2404-2408, 1989.
11. Flickinger JC: An integrated logistic formula for prediction of complications from radiosurgery. *Int J Radiat Oncol Biol Phys* 17:879-885, 1989.
12. Altschuler EM, Lunsford LD, Coffey RJ, Flickinger JC: Gamma knife radiosurgery for intracranial arteriovenous malformations in childhood and adolescence. *Pediatr Neurosci* 15:53-61, 1989.
13. Maitz AH, Lunsford LD, Wu A, Lindner G, Flickinger JC: Shielding requirements on-site loading and acceptance testing of the Leksell gamma knife. *Int J Radiat Oncol Biol Phys* 18:469-476, 1990.
14. Flickinger JC, Kalend A: Use of normalized total dose to represent the biological effect of fractionated radiotherapy. *Radiotherapy Oncol* 17:339-347, 1990.
15. Flickinger JC, Lunsford LD, Wu A, Kalend AM: Treatment planning for gamma knife radiosurgery with multiple isocenters. *Int J Radiat Oncol Biol Phys*. 18:1495-1501, 1990.
16. Wu A, Lindner G, Maitz AH, Kalend AM, Lunsford LD, Flickinger JC, Bloomer WD: Physics of gamma knife approach on convergent beams in stereotactic radiosurgery. *Int J Radiat Oncol Biol Phys* 18:941-949, 1990.
17. Flickinger JC, Steiner L: Radiosurgery and the double logistic product formula. *Radiotherapy Oncol* 17:229-237, 1990.
18. Lunsford LD, Flickinger JC, Coffey RJ: Stereotactic gamma knife radiosurgery: Initial North American experience in 207 patients. *Arch Neurol* 47:169-175, 1990.
19. Linskey ME, Lunsford LD, Flickinger JC: Radiosurgery for acoustic neurinomas: Early experience. *Neurosurg* 26:736-745, 1990.
20. Thompson BG, Coffey RJ, Flickinger JC, Lunsford LD: Stereotactic radiosurgery of small intracranial tumors: Neuropathological correlation in three patients. *Surg Neurology* 33:96-104, 1990.
21. Flickinger JC, Lunsford LD, Singer J, Cano ER, Deutsch M: Supervoltage external beam irradiation of craniopharyngiomas: Analysis of tumor control and morbidity. *Int J Radiat Oncol Biol Phys* 19:117-122, 1990.
22. Flickinger JC, Schell MC, Larson DA: Estimation of complications for linear accelerator radiosurgery with the integrated logistic formula. *Int J Radiat Oncol Biol Phys* 19:143-148, 1990.
23. Lunsford LD, Altschuler EM, Flickinger JC, Martinez A, Wolfson S, Sciabassi R, Wolfe G, Wu A: In vivo radiobiology of stereotactic radiosurgery: A primate model. *Neurosurg* 27:373-382, 1990.
24. Flickinger JC, Maitz AH, Kalend A, Lunsford LD, Wu A: Treatment volume shaping with selective beam blocking using the Leksell gamma unit. *Int J Radiat Oncol Biol Phys* 19:783-789, 1990.
25. Kondziolka D, Lunsford LD, Coffey RJ, Bissonette DJ, Flickinger JC: Stereotactic radiosurgery of angiographically occult vascular malformations: Indications and preliminary experience. *Neurosurgery* 27:892-900, 1990.
26. Lunsford LD, Kamerer DB, Flickinger JC: Stereotactic radiosurgery for acoustic neurinomas. *Arch Otolaryngol Head Neck Surg* 116:907-909, 1990.
27. Altschuler E, Lunsford LD, Flickinger JC: Radiobiological models for radiosurgery. *Surgical Forum* 41:506-508, 1990.
28. Kondziolka D, Lunsford LD, Coffey RJ, Flickinger JC: Cranial nerve preservation after stereotactic radiosurgery of acoustic neuroma. *Surgical Forum* 41:508-510, 1990.
29. Flickinger JC, Lunsford LD, Coffey RJ, Linskey ME, Bissonette DJ, Maitz AH, Kondziolka D: Radiosurgery of acoustic neurinomas. *Cancer* 67:345-353, 1991.
30. Kondziolka D, Lunsford LD, Coffey RJ, Flickinger JC: Stereotactic radiosurgery of meningiomas. *J Neurosurg* 74:552-559, 1991.

31. Schell MC, Smith V, Larson DA, Wu A, Flickinger JC: Treatment planning optimization with cumulative dose volume histograms in linac-based radiosurgery. *Int J Radiat Oncol Biol Phys* 20:1325-1330, 1991.
32. Coffey RJ, Flickinger JC, Bissonette DJ, Lunsford LD: Radiosurgery for brain metastases using the Cobalt-60 gamma unit: Methods and results in 24 patients . In *J Radiat Oncol Biol Phys* 20:1287-1295, 1991.
33. Flickinger JC, Lunsford LD, Wu A, Kalend A: Predicted dose-volume isoeffect curves for radiosurgery with the 60Co gamma unit. *Acta Oncologica* 30:363-367, 1991.
34. Flickinger JC, Epstein AH, Iwatsuki S, Carr BI, Starzl TE: Radiotherapy for primary carcinoma of the extrahepatic biliary system: An analysis of 63 cases. *Cancer* 68:289-294, 1991.
35. Kondziolka D, Lunsford LD, Flickinger JC: The role of radiosurgery in the management of chordoma and chondrosarcoma of the cranial base. *Neurosurgery* 29:38-46, 1991.
36. Wu A, Flickinger JC, Kalend AM, Maitz AH, Lunsford LD: Exact determination of the magnification factor for target lesions in Leksell's stereotactic frame. *Medical Physics* 18:804-805, 1991.
37. Linskey ME, Lunsford LD, Flickinger JC: Neuroimaging of acoustic nerve sheath tumors after stereotactic radiosurgery. *AJNR* 12:1165-1175, 1991.
38. Kondziolka D, Lunsford LD, Flickinger JC: Stereotactic radiosurgery in children and adolescents. *Pediatric Neurosurg* 16:219-221, 1991.
39. Flickinger JC, Lunsford LD, Kondziolka D: Dose-volume considerations in radiosurgery. *Stereotact Funct Neurosurg* 57:99-105, 1991.
40. Lunsford LD, Kondziolka D, Flickinger JC, Bissonette DJ, Jungreis CA, Horton JA, Coffey RJ: Stereotactic radiosurgery for arteriovenous malformations of the brain. *J Neurosurgery* 75:512-524, 1991.
41. Coffey RJ, Flickinger JC, Lunsford LD, Bissonette D: Solitary brain metastasis. Radiosurgery in lieu of microsurgery in 32 patients. *Acta Neurochirurgica* 52:90-92, 1991.
42. Kondziolka D, Lunsford LD, Coffey RJ, Flickinger JC: Gamma knife radiosurgery of meningiomas. *Stereotact Funct Neurosurg* 57:11-21, 1991.
43. Altschuler E, Lunsford LD, Kondziolka D, Wu A, Maitz AH, Sciabassi R, Martinez AJ, Flickinger JC: Radiobiological models for radiosurgery. *Neurosurg Clin North America* 3:61-78, 1992.
44. Lunsford LD, Kondziolka D, Flickinger JC: Radiosurgery as an alternative to microsurgery for acoustic neurinomas. *Clinical Neurosurgery* 38:619-639, 1992.
45. Lunsford LD, Kondziolka D, Bissonette DJ, Maitz AH, Flickinger JC: Stereotactic radiosurgery of brain vascular malformations. *Neurosurg Clin North Am* 3:79-98, 1992.
46. Flickinger JC, Lunsford LD, Kondziolka D, Maitz AH, Epstein AH, Wu A: Radiosurgery and brain tolerance: An analysis of neurodiagnostic imaging changes following gamma knife radiosurgery for arteriovenous malformations. *Int J Radiat Oncol Biol Phys* 23:19-26, 1992.
47. Coffey RJ, Lunsford LD, Flickinger JC: The role of radiosurgery in the treatment of malignant brain tumors. *Neurosurg Clin North Am* 3:231-244, 1992.
48. Flickinger JC, Lunsford LD, Kondziolka D: Dose prescription and dose volume effects in radiosurgery. *Neurosurg Clin North Am* 3:51-60, 1992.
49. Linskey ME, Lunsford LD, Flickinger JC, Kondziolka D: Stereotactic radiosurgery for acoustic tumors. *Neurosurg Clin North America* 3:191-206, 1992.
50. Lunsford LD, Kondziolka D, Flickinger JC: Stereotactic radiosurgery: Current spectrum and results. *Clin Neurosurg* 38:405-444, 1992.
51. Stephanian E, Lunsford LD, Coffey RJ, Bissonette DJ, Flickinger JC: Gamma knife radiosurgery for sellar and suprasellar tumors. *Neurosurgical Clinics of North America* 3:207-218, 1992.
52. Linskey ME, Lunsford LD, Flickinger JC: Tumor control after stereotactic radiosurgery in patients with bilateral acoustic tumors. *Neurosurg* 31:829-839, 1992.
53. Keleti D, Flickinger JC, Hobson SR, Mittal BB: Radiotherapy of lymphoproliferative disease of the orbit: Surveillance of 65 cases. *Am J Clin Oncol* 15:422-427, 1992.

54. Kondziolka D, Lunsford LD, Claassen D, Maitz AH, Flickinger JC: Radiobiology of radiosurgery. Part 1: The normal rat brain model. *Neurosurg* 31:271-279, 1992.
55. Kondziolka D, Lunsford LD, Claassen D, Pandalai S, Maitz AH, Flickinger JC: Radiobiology of radiosurgery. Part 2: The rat C6 glioma model. *Neurosurg* 31:280-288, 1992.
56. Kondziolka D, Lunsford LD, Flickinger JC: Gamma knife radiosurgery of meningiomas. *Neurosurg Clin North Am* 3:219-230, 1992.
57. Lunsford LD, Kondziolka D, Bissonette DJ, Maitz AH, Flickinger JC: Stereotactic radiosurgery of brain vascular malformations. *Neurosurg Clin North America* 3:79-98, 1992.
58. Linskey ME, Lunsford LD, Flickinger JC, Kondziolka D: Stereotactic radiosurgery for acoustic tumors. *Neurosurg Clin North America* 3:191-205, 1992.
59. Linskey ME, Flickinger JC, Lunsford LD: The relationship of cranial nerve length to the development of delayed facial and trigeminal neuropathies after stereotactic radiosurgery for acoustic tumors. *Int J Rad Onc Biol Phys* 15:227-234, 1993.
60. Linskey ME, Martinez AJ, Kondziolka D, Flickinger JC, Maitz AH, Whiteside T, Lunsford LD: The radiobiology of human acoustic schwannoma xenografts after stereotactic radiosurgery evaluated in the subrenal capsule of athymic mice. *J Neurosurgery* 78:645-655, 1993.
61. Duma CM, Lunsford LD, Kondziolka D, Harsh GR, Maitz AH, Bissonette DJ, Flickinger JC: Stereotactic radiosurgery of cavernous sinus meningiomas as an addition or alternative to microsurgery. *Neurosurgery* 32:699-705, 1993.
62. Flickinger JC, Lunsford LD, Linskey ME, Duma CM, Kondziolka, D: Gamma knife radiosurgery for acoustic tumors: Multivariate analysis of four year results. *Radiotherapy and Oncology* 27:91-98, 1993.
63. Kondziolka D, Lunsford LD, Flickinger JC: Intraparenchymal brain stem radiosurgery. *Neurosurg Clin North America* 4:469-479, 1993.
64. Flickinger JC, Lunsford LD, Kondziolka D, Maitz AH: Potential human error in setting stereotactic coordinates for radiosurgery: Implications for quality assurance. *Int J Radiat Oncol Biol Phys* 27:397-401, 1993.
65. Duma CM, Lunsford LD, Kondziolka D, Bissonette D, Somaza S, Flickinger JC: Radiosurgery for vascular malformations of the brain stem. *Acta Neurochir (Suppl)* 58:92-97, 1993.
66. Flickinger JC, Kondziolka D, Lunsford LD, Coffey RJ, Goodman ML, Shaw EG, Hudgins WR, Weiner R, Harsh GR, Sneed PK, Larson DA: A multi-institutional experience with stereotactic radiosurgery for solitary brain metastasis. *Int J Radiat Oncol Biol Phys* 28:797-802, 1994.
67. Cano E, Flickinger JC, Johnson J: Multivariate analysis results of radiotherapy for laryngeal cancer. *Head and Neck* 15:382-388, 1993.
68. Tishler RB, Loeffler JS, Lunsford LD, Duma C, Alexander E III, Kooy HM, Flickinger JC: Tolerance of cranial nerves of the cavernous sinus to radiosurgery. *Int J Radiat Oncol Biol Phys* 27:215-221, 1993.
69. Pollock BE, Kondziolka D, Lunsford LD, Flickinger JC: Preservation of cranial nerve function after radiosurgery for non-acoustic schwannomas. *Neurosurgery* 33(4):597-601, 1993.
70. Somaza S, Kondziolka D, Lunsford LD, Kirkwood J, Flickinger J: Stereotactic radiosurgery for cerebral metastatic melanoma. *J Neurosurg* 79:661-666, 1993.
71. Duma CM, Lunsford LD, Kondziolka D, Bissonette D, Somaza S, Flickinger J: Radiosurgery for vascular malformations of the brainstem. *Acta Neurochir (Suppl)* 58:92-97, 1993.
72. Ogunrinde OK, Lunsford LD, Flickinger JC, Kondziolka D. Stereotactic radiosurgery for acoustic tumors in patients with useful hearing: Results at two years. *J Neurosurg* 80:1011-1017, 1994.
73. Lunsford LD, Pollock BE, Kondziolka D, Levine G, Flickinger JC: Stereotactic options in the management of craniopharyngioma. *Pediatr Neurosurg* 21(1):90-97, 1994.
74. Pollock BE, Kondziolka D, Lunsford LD, Flickinger JC: Stereotactic radiosurgery for pituitary adenomas: Imaging, visual, and endocrine results. *Acta Neurochir Suppl* 62:5-10, 1994.
75. Pollock BE, Lunsford LD, Kondziolka D, Maitz A, Flickinger JC: Patient outcomes after stereotactic radiosurgery for "operable" arteriovenous malformations. *Neurosurgery* 35:1-8, 1994.
76. Lunsford LD, Kondziolka D, Flickinger JC: Radiosurgery of tumors of the cerebellopontine angle. *Clin Neurosurg* 41:168-184, 1994.
77. Lunsford LD, Somaza S, Kondziolka D, Flickinger JC: Survival after stereotactic biopsy and irradiation of cerebral non-anaplastic, non-

- pilocytic astrocytomas. *J Neurosurg* 82:523-529, 1995.
78. Kondziolka D, Somaza S, Flickinger JC, Claassen D, Lunsford LD: Cerebral radioprotective effects of high-dose pentobarbital evaluated in an animal radiosurgery model. *Neurol Res* 16:456-459, 1994.
  79. Maitz AH, Wu A, Lunsford LD, Flickinger JC, Kondziolka D, Bloomer WD: Quality assurance for gamma knife stereotactic radiosurgery. *Int J Radiat Oncol Biol Phys* 32(5):1465-1471, 1995.
  80. Ogunrinde OK, Lunsford LD, Flickinger JC, Kondziolka D: Cranial nerve preservation after stereotactic radiosurgery for small acoustic tumors. *Arch Neurol* 52:73-79, 1995.
  81. Pollock BE, Lunsford LD, Kondziolka D, Levine G, Flickinger JC: Phosphorus-32 intracavitary irradiation of cystic craniopharyngiomas: Current technique and long-term results. *Int J Radiat Oncol Biol Phys* 33:437-446, 1995.
  82. Kondziolka D, Lunsford LD, Flickinger JC: Reduction of hemorrhage risk after stereotactic radiosurgery for cavernous malformations. *J Neurosurg* 83:825-831, 1995.
  83. Pollock BE, Lunsford LD, Kondziolka D, Flickinger JC, Bissonette DJ, Kelsey SF, Jannetta PJ: Outcome analysis of acoustic neuroma management: A comparison of microsurgery and stereotactic radiosurgery. *Neurosurgery* 36:215-229, 1995.
  84. Stock RG, Chen A, Flickinger JC, Kalnicki S, Seski J: Node positive cervical cancer: Impact of pelvic irradiation and patterns of failure. *Int J Radiat Oncol Biol Phys* 31:31-36, 1995.
  85. Ogunrinde OK, Lunsford LD, Kondziolka D, Bissonette DJ, Flickinger JC: Cranial nerve preservation after stereotactic radiosurgery for intracanalicular acoustic tumors. *Stereotact Funct Neurosurg* 64: 87-97, 1995.
  86. Lunsford LD, Witt T, Kondziolka D, Flickinger JC: Stereotactic radiosurgery of anterior skull base tumors. *Clin Neurosurg* 42:99-118, 1995.
  87. Lunsford LD, Somaza S, Kondziolka D, Flickinger JC: Brain astrocytomas: Biopsy, then irradiation. *Clin Neurosurg* 42:464-479, 1995.
  88. Pollock BE, Lunsford LD, Kondziolka D, Bissonette DJ, Flickinger JC: Stereotactic radiosurgery for postgeniculate visual pathway arteriovenous malformations. *J Neurosurg* 84:437-441, 1996.
  89. Firlík KS, Kondziolka D, Lunsford LD, Janecka IP, Flickinger JC: Radiosurgery for recurrent cranial base cancer arising from the head and neck. *Head and Neck* 18:160-166, 1996.
  90. Pollock BE, Kondziolka D, Lunsford LD, Bissonette D, Flickinger JC: Repeat stereotactic radiosurgery of arteriovenous malformations: Early results and factors associated with incomplete obliteration. *Neurosurgery* 38:318-324, 1996.
  91. Gerszten PC, Lunsford LD, Rutigliano MJ, Kondziolka D, Flickinger JC, Martinez AJ: Single stage stereotactic diagnosis and radiosurgery: Feasibility and cost implications. *J Image Guided Surg* 1:141-150, 1995.
  92. Flickinger JC, Kondziolka D, Lunsford LD: Radiosurgery of benign lesions. *Seminars in Radiation Oncology* 5:220-224, 1995.
  93. Lunsford LD, Somaza S, Kondziolka D, Flickinger JC, Bissonette DJ, Kelsey SF, Jannetta PJ: Outcome analysis of acoustic neuroma management: a comparison of microsurgery and stereotactic radiosurgery. *Neurosurgery* 36:215-229, 1995.
  94. Pollock BE, Flickinger JC, Lunsford LD, Kondziolka D: Factors that affect the hemorrhage risk of arteriovenous malformations. *Stroke* 27:1-6, 1996.
  95. Grabb P, Lunsford LD, Albright L, Kondziolka D, Flickinger JC: Stereotactic radiosurgery for glial neoplasms of childhood. *Neurosurgery* 38:696-702, 1996.
  96. Kondziolka D, Lunsford LD, Flickinger JC, Young RF, Vermeulen S, Duma CM, Jacques DB, Rand RW, Regis J, Peragut JC, Epstein M, Lindquist C: Stereotactic radiosurgery for trigeminal neuralgia: A multi-institution study using the gamma unit. *J Neurosurg* 84:940-945, 1996.
  97. Kondziolka D, Flickinger JC, Lunsford LD: Trigeminal neuralgia radiosurgery: The University of Pittsburgh experience. *Stereotact Funct Neurosurg* 66:, 1996.
  98. Pollock BE, Flickinger JC, Lunsford LD, Kondziolka D: Hemorrhage risk after radiosurgery for arteriovenous malformations. *Neurosurgery* 38: No. 4, 1996.
  99. Gerszten PC, Adelson PD, Kondziolka D, Flickinger JC, Lunsford LD: Seizure outcome in children treated for arteriovenous malformations after gamma knife radiosurgery. *Ped Neurosurg* 24:139-144, 1996.
  100. Flickinger JC, Pollock BE, Kondziolka D, Lunsford LD: A dose-response analysis of arteriovenous malformation obliteration after



- radiosurgery. *Int J Radiat Oncol Biol Phys* 36:873-879, 1996.
101. Flickinger JC, Kondziolka D, Pollock BE, Lunsford LD: Evolution of technique for vestibular schwannoma radiosurgery and effect on outcome. *Int J Radiat Oncol Biol Phys* 36:275-280, 1996.
  102. Patrice SJ, Sneed P, Flickinger JC, Shrieve D, Pollock B, Alexander E, Larson D, Kondziolka D, Gutin P, Wara W, McDermott M, Lunsford LD, Loeffler JS: Radiosurgery for hemangioblastoma: Results of a multi-institutional experience. *Int J Radiat Oncol Biol Phys*.
  103. Kondziolka D, Somaza S, Comey C, Lunsford LD, Claassen D, Pandalai S, Maitz A, Flickinger JC: Radiosurgery and fractionated radiation therapy: Comparison of different techniques in an in vivo rat glioma model. *J Neurosurg* 84:1033-1038, 1996.
  104. Pollock BE, Kondziolka D, Flickinger JC, Patel AK, Bissonette D, Lunsford LD: Magnetic resonance imaging: An accurate method to evaluate arteriovenous malformations after stereotactic radiosurgery. *J Neurosurg* 85:1044-1049, 1996.
  105. Larson D, Gutin P, McDermott M, Lamborn K, Sneed P, Wara W, Flickinger JC, Kondziolka D, Lunsford LD, et al: Gamma knife for glioma: Selection factors and survival. *Int J Radiat Oncol Biol Phys* 36:1045-1053, 1996.
  106. Somaza S, Lunsford LD, Kondziolka D, Flickinger JC, et al: Early outcomes after stereotactic radiosurgery for growing pilocytic astrocytomas in children. *Ped Neurosurg* 25:109-115, 1996.
  107. Flickinger JC, Kondziolka D, Lunsford LD: Dose and diameter relationships for facial, trigeminal, and acoustic neuropathies following acoustic neuroma radiosurgery. *Radiother Oncol* 41:215-219, 1996.
  108. Kondziolka D, Flickinger JC: Use of magnetic resonance imaging in stereotactic surgery. *Stereotact Funct Neurosurg* 66:193-197, 1996.
  109. Flickinger JC, Lunsford LD, Somaza S, and Kondziolka D. Radiosurgery: Its role in brain metastasis management. *Neurosurgery Clinics of North America* 7:497-504, 1996.
  110. Heron DE, Andrade RS, Flickinger J, Johnson J, Agarwala SS, Wu A, Kalnicki S, Avril N. Hybrid PET-CT simulation for radiation treatment planning in head-and-neck cancers: a brief technical report. *Int J Radiat Oncol Biol Phys*. 60(5):1419-24, 2004
  111. Pollock BE, Kondziolka D, Flickinger JC, Maitz A, Lunsford LD: Preservation of cranial nerve function in non-acoustic schwannomas. *Neurosurgery* 33:597-601, 1996.
  112. Kondziolka D, Lunsford LD, Habeck M, Flickinger JC: Gamma knife radiosurgery for TGN. *Neuro Clin Nor Am* 1:79-85, 1996.
  113. Kondziolka D, Flickinger JC, Bissonette DJ, Bozik M, Lunsford LD. The survival benefit of stereotactic radiosurgery for patients with malignant glial neoplasms. *J Neurosurg* 41:776- 785, 1997.
  114. Flickinger JC, Kondziolka D, Pollock BE, Maitz AN, Lunsford LD: Complications from arteriovenous malformation radiosurgery: multivariate analysis and risk modeling. *Int J Radiat Oncol Biol Phys* 38:485-490, 1997.
  115. Kondziolka D, Somaza S., Martinez AJ, Jacobsohn J, Lunsford LD, Maitz AH, Flickinger JC. Radioprotective effects of the 21-aminosteroid U74389G for stereotactic radiosurgery. *Neurosurgery* 41:203-208, 1997.
  116. Kondziolka D, Lunsford LD, Habeck M, Flickinger JC. Gamma knife radiosurgery for trigeminal neuralgia. *Neurosurg Clin N Amer* 8:79-85, 1997.
  117. Kondziolka D, Lunsford LD, Flickinger JC: Stereotactic radiosurgery for acoustic tumors. Technique and results. *Techniques in Neurosurgery* 3:154-161, 1997.
  118. Kim YS, Kondziolka D, Flickinger JC, Lunsford LD: Stereotactic radiosurgery for patients with nonsmall cell lung carcinoma metastatic to the brain. *Cancer* 80:2075-2083, 1997.
  119. Mori Y, Kondziolka D, Flickinger JC, Logan T, Lunsford LD: Stereotactic radiosurgery for brain metastasis from renal cell carcinoma. *Cancer*. 1999 Jan 1;85(1):251-3.
  120. Kondziolka D, Lunsford LD, Flickinger JC: Gamma knife radiosurgery as the first surgery for trigeminal neuralgia. *Stereotact Funct Neurosurg* 70(Suppl 1):187-191, 1998.
  121. Mori Y, Kondziolka D, Flickinger JC, Kirkwood JM, Agarwala S, Lunsford LD: Stereotactic radiosurgery for cerebral metastatic melanoma: Factors affecting local disease control and survival. *Int J Radiat Oncol Biol Phys* 42(3):581-9, 1998.
  122. Flickinger JC, Kondziolka D, Maitz AH, Lunsford LD: Analysis and neurologic sequelae from radiosurgery of arteriovenous malformation: How a location affects outcome. *Int J Radiation Oncology, Biology, and Physics* 40:273-278, 1998.
  123. Subach B, Lunsford LD, Kondziolka D, Bissonette D, Flickinger JC, et al. The management of petroclival meningiomas by stereotactic radiosurgery. *Neurosurgery* 42:437-445, 1998.

124. Muthukumar N, Kondziolka D, Lunsford LD, Flickinger JC, et al. Stereotactic radiosurgery for chordoma and chondrosarcoma: Further experiences. *Int J Radiat Oncol Biol Phys* 41:387-392, 1998.
125. Muthukumar N, Kondziolka D, Lunsford LD, Flickinger JC. Stereotactic radiosurgery for tentorial meningiomas. *Acta Neurochir* 140:315-321, 1998.
126. Muthukumar N, Kondziolka D, Lunsford LD, Flickinger JC. Stereotactic radiosurgery for anterior foramen magnum meningiomas. *Surg Neurol* 51:268-273, 1999.
127. Pollock B, Lunsford LD, Kondziolka D, Maitz A, Flickinger JC. Factors associated with successful outcomes after AVM radiosurgery. *Neurosurgery* 42:1239-1247, 1998.
128. Flickinger JC, Kondziolka D, Pollock BE, and Lunsford LD. Radiosurgical management of intracranial vascular malformations. *Neuroimaging Clinics of N America* 8:483-492, 1998.
129. Kondziolka D, Flickinger JC, Perez B. Judicious resection and/or radiosurgery for parasagittal meningiomas: Outcomes from a multicenter review. *Neurosurgery*, 43:405-414, 1998.
130. Kondziolka D, Niranjan A, Lunsford LD, Flickinger JC: Stereotactic radiosurgery for meningiomas. *Neurosurgery Clinics of North America* 10(2), 1999.
131. Kondziolka D, Lunsford LD, Flickinger JC: The radiobiology of radiosurgery. *Neurosurgery Clinics of North America* 10(2), 1999.
132. Subach BR, Kondziolka D, Lunsford LD, Bissonette DJ, Flickinger JC, Maitz AH. Stereotactic radiosurgery in the management of acoustic neuromas associated with neurofibromatosis-type II. *J Neurosurgery* 90:815-822, 1999.
133. McLaughlin MR, Kondziolka D, Flickinger JC, Lunsford S, Lunsford LD. The prospective natural history of cerebral venous malformations. *Neurosurgery* 43:195-201, 1998.
134. Lunsford LD, Kondziolka D, Maitz A, Flickinger JC. Black holes, white dwarfs, and supernovas: Imaging after radiosurgery. *Stereotact Funct Neurosurg* 70(Sup.):2-10, 1998.
135. Breen P, Flickinger JC, Kondziolka D, and Martinez AJ. Radiotherapy for nonfunctional pituitary adenoma: analysis of long-term tumor control. *J Neurosurg* 89:933-938, 1998.
136. Pollock BE, Lunsford LD, Flickinger JC, Clyde BL, and Kondziolka D. Vestibular schwannoma management. Part I. Failed microsurgery and the role of delayed stereotactic radiosurgery. *J Neurosurg* 89:944-948, 1998.
137. Pollock BE, Lunsford LD, Kondziolka D, Sekula R, Subach BR, Foote RL, and Flickinger JC. Vestibular schwannoma management. Part II. Failed radiosurgery and the role of delayed microsurgery. *J Neurosurg* 89:949-955, 1998.
138. Kondziolka D, Lunsford LD, McLaughlin MR, and Flickinger JC. Long-term outcomes after radiosurgery for acoustic neuromas. *The New England J. of Medicine* 339:1426-1433, 1998.
139. Niranjan A, Lunsford LD, Flickinger JC, Maitz A, Kondziolka D. Can hearing improve after acoustic tumor radiosurgery? *Neurosurgery Clinics of North America* 10(2):305-315, 1999.
140. Kondziolka D, Perez B, Flickinger JC, et al. Gamma knife radiosurgery for trigeminal neuralgia. *Archives of Neurology* 55:1524-1529, 1998.
141. Muthukumar N, Kondziolka D, Lunsford LD, Flickinger JC. Stereotactic radiosurgery for chordoma and chondrosarcoma: further experiences. *Int J Radiat Oncol Biol Phys.* 41(2):387-92, 1998.
142. Pollock BE, Flickinger JC, Lunsford LD, Maitz A, Kondziolka D. Factors associated with successful arteriovenous malformation radiosurgery. *Neurosurgery* 42(6):1239- 44, 1998; discussion 1244-7.
143. Muthukumar N, Kondziolka D, Lunsford LD, Flickinger JC. Stereotactic radiosurgery for anterior foramen magnum meningiomas. *Surg Neurol* 51:268-273, 1999.
144. Flickinger JC, Kondziolka D, Lunsford LD, Pollock BE, Yamamoto M, Gorman DA, Schomberg PJ, Sneed P, Larson D, Smith V, McDermott MW, Miyawaki L, Chilton J, Morantz RA, Young, B, Jokura H, and Liscak R. A multi-institutional analysis of complication outcomes after arteriovenous malformation radiosurgery. *Int. J of Radiat Oncol Biol Phys* 44:67-74, 1999.
145. Urego M, Flickinger JC, and Carr BI. Radiotherapy and multimodality management of cholangiocarcinoma. *Int. J of Radiat Oncol Biol Phys* 44: 121-6, 1999.
146. Kondziolka D, Mori Y, Martinez AJ, McLaughlin M, Flickinger JC, and Lunsford LD. Beneficial effects of the radioprotectant 21-

- aminosteroid U-74389G in a radiosurgery rat malignant glioma model. *Int. J of Radiat Oncol Biol Phys* 44:179-184, 1999.
147. Peterson AM, Meltzer CC, Evanson EJ, Flickinger JC, and Kondziolka D: MR imaging response of brain metastases after gamma knife stereotactic radiosurgery. *Radiology* 211:807-814, 1999.
  148. Kondziolka D, Levy EI, Niranjan A, Flickinger JC, Lunsford LD: Long-term outcomes after meningioma radiosurgery: physician and patient perspectives. *J Neurosurg* 91:44-50, 1999.
  149. Muthukumar N, Kondziolka D, Lunsford LD, Flickinger JC. Stereotactic radiosurgery for jugular foramen schwannomas. *Surg Neurol* 52:172-9, 1999.
  150. Kondziolka D, Patel A, Lunsford LD, Kassam A, and Flickinger JC. Stereotactic radiosurgery plus whole brain radiotherapy versus radiotherapy alone for patients with multiple brain metastases. *Int J Radiation Oncol Biol Phys* 45:427-434, 1999.
  151. Huang CF, Kondziolka D, Flickinger JC, and Lunsford LD. Stereotactic radiosurgery for brainstem metastases. *J Neurosurg* 91:563-568, 1999.
  152. Bahri S, Flickinger JC, Kalend A, Deutsch M, Belani C, Sciarba F, Luketich J, and Greenberger JS. Results of multi-field conformal radiation therapy of non-small cell lung cancer using multi-leaf collimator beams. *Radiation Oncology Investigation* 7:297-308, 1999.
  153. Jawahar A, Kondziolka D, Flickinger JC, Lunsford LD. Adjuvant stereotactic radiosurgery for anaplastic ependymoma. *Stereotact Funct Neurosurg* 73:23-30, 1999.
  154. Huang, C, Kondziolka D, Flickinger JC, Lunsford LD. Stereotactic radiosurgery for brainstem metastases. *J Neurosurg* 91:563-568, 1999.
  155. Huang CF, Kondziolka D, Flickinger JC, Lunsford LD. Stereotactic radiosurgery for trigeminal schwannomas. *Neurosurgery* 45(1):11-6, 1999; discussion 16.
  156. Kondziolka D, Lunsford LD, Flickinger JC. The radiobiology of radiosurgery. *Neurosurg Clin N Am* 10(2):157-66, 1999.
  157. Flickinger JC, Lunsford LD, and Kondziolka D. Development of a model to predict permanent symptomatic post-radiosurgery injury for arteriovenous malformation patients. *Int J Radiat Onc Biol Phys* 46:1143-1148, 2000.
  158. Gerszten PC, Moosy JJ, Flickinger JC, Gerszten K, Kalend A, and Martinez AJ. Inhibition of peridural fibrosis after laminectomy using low-dose external beam radiation in a dog model. *Neurosurgery* 46(6), 1478-1485, 2000.
  159. Firlík KS, Kondziolka D, Flickinger JC, and Lunsford LD. Stereotactic radiosurgery for brain metastases from breast cancer. *Annals of Surg Oncol* 7(5):333-338, 2000.
  160. Maesawa S, Kondziolka D, Thompson TP, Flickinger JC, and Lunsford LD. Brain metastases in patients with no known primary tumor. *Cancer* 89:1095-1101, 2000.
  161. Field M, Witham TF, Flickinger JC, Kondziolka D, and Lunsford LD. A comprehensive assessment of hemorrhage risk and outcomes after stereotactic brain biopsy. *J Neurosurgery* 97: 545-545, 2001.
  162. Flickinger JC, Kondziolka D, Lunsford LD. Dose-Selection in Stereotactic Radiosurgery. *Neurosurgery Clinics in N. America* 10:271-280, 1999.
  163. Niranjan A, Lunsford LD, Gobbel GT, Kondziolka D, Maitz A, Flickinger JC. Brain tumor radiosurgery: current status and strategies to enhance the effect of radiosurgery. *Brain Tumor Pathol.* 17(2):89-96, 2000.
  164. Kondziolka D, Lunsford LD, Flickinger JC. Gamma knife radiosurgery for vestibular schwannomas. *Neurosurg Clin N Am* 11(4):651-8, 2000.
  165. Levy EI, Niranjan A, Thompson TP, Scarrow AM, Kondziolka D, Flickinger JC, Lunsford LD. Radiosurgery for childhood intracranial arteriovenous malformations. *Neurosurgery* 47(4):834-41, 2000; discussion 841-2.
  166. Thompson TP, Lunsford LD, Flickinger JC. Radiosurgery for hemangiomas of the cavernous sinus and orbit: technical case report. *Neurosurgery* 47(3):778-83, 2000.
  167. Jawahar A, Kondziolka D, Garces YI, Flickinger JC, Pollock BE, Lunsford LD. Stereotactic radiosurgery for hemangioblastomas of the brain. *Acta Neurochir (Wien)* 142(6):641-4, 2000; discussion 644-5.
  168. Niranjan A, Moriuchi S, Lunsford LD, Kondziolka D, Flickinger JC, Fellows W, Rajendiran S, Tamura M, Cohen JB, Glorioso JC. Effective treatment of experimental glioblastoma by HSV vector-mediated TNF alpha and HSV-tk gene transfer in combination with radiosurgery and ganciclovir administration. *Mol Ther.* 2(2):114-20, 2000.
  169. Maesawa S, Flickinger JC, Kondziolka D, Lunsford LD. Repeated radiosurgery for incompletely obliterated arteriovenous malformations. *J*

- Neurosurg 92(6):961-70, 2000.
170. Flickinger JC, Kondziolka D, Lunsford LD, Kassam A, Phuong LK, Liscak R, Pollock B. Development of a model to predict permanent symptomatic postradiosurgery injury for arteriovenous malformation patients. Arteriovenous malformation radiosurgery study group. *Int J Radiat Oncol Biol Phys* 46(5):1143-8, 2000.
  171. Mori Y, Kondziolka D, Balzer J, Fellows W, Flickinger JC, Lunsford LD, Thulborn KR. Effects of stereotactic radiosurgery on an animal model of hippocampal epilepsy. *Neurosurgery* 46(1):157-65, 2000; discussion 165-8.
  172. Kondziolka D, Lunsford LD, Witt TC, Flickinger JC. The future of radiosurgery: radiobiology, technology, and applications. *Surg. Neurol.* 54:406-14, 2000.
  173. Hadjipanayis CG, Levy EI, Niranjan A, Firlirk AD, Kondziolka D, Flickinger JC. Stereotactic radiosurgery for motor cortex region arteriovenous malformations. *Neurosurgery* 48(1):70-6, 2001; discussion 76-7.
  174. Maesawa S, Salame C, Flickinger JC, Pirris S, Kondziolka D, Lunsford LD. Clinical outcomes after stereotactic radiosurgery for idiopathic trigeminal neuralgia. *J Neurosurg* 94(1):14-20, 2001.
  175. Deutsch M, Flickinger JC. Shoulder and arm problems after radiotherapy for primary breast cancer. *Am J Clin Oncol.* 2001 Apr;24(2):172-6.
  176. Flickinger JC, Kondziolka D, Niranjan A, Lunsford LD. Results of acoustic neuroma radiosurgery: an analysis of 5 years' experience using current methods. *J Neurosurg* 94(1):1- 6, 2001.
  177. Shang-Ming C, Lunsford LD, Niranjan A, Kondziolka D, Flickinger JC. Stereotactic radiosurgery of residual or recurrent craniopharyngioma, after surgery, with or without radiation therapy. *Neuro-Oncology* July:159-166, 2001
  178. Bhatnagar A, Flickinger JC, Kondziolka D, Niranjan A, and Lunsford LD. An analysis of the effects of smoking and other cardiovascular risk factors on obliteration rates after arteriovenous malformation radiosurgery. *Int J Radiation Oncology Biol Phys* 51(4):, 2001.
  179. Flickinger JC, Pollock BE, Kondziolka D, Phuong LK, Foote RL, Stafford SL, and Lunsford LD. Does increased nerve length within the treatment volume improve trigeminal neuralgia radiosurgery? A prospective double-blind, randomized study. *Int J Radiation Oncology Biol Phys* 51(2), 449-454, 2001.
  180. Tyler-Kabara E, Kondziolka D, Flickinger JC, Lunsford LD. Stereotactic radiosurgery for residual neurocytoma. Report of four cases. *J Neurosurg.* 2001 Nov;95(5):879-82.
  181. Kondziolka D, Flickinger JC, Lunsford LD. Energy sources in the posterior fossa: The role of radiotherapy. *Clinical Neurosurgery* 49:548-61, 2002.
  182. Kondziolk D, Maitz AH, Niranjan A, Flickinger JC, Lunsford LD. An Evaluation of the Model C Gamma Knife with Automatic Patient Positioning. *Neurosurgery* 50(2), 429-432, 2002.
  183. Hasegawa T, Kondziolka D, Spiro, Flickinger JC, Lunsford LD. Repeat radiosurgery for refractory trigeminal neuralgia. *Neurosurgery* 50(3), 494-500: discussion 500-2, 2002.
  184. Kondziolka D, Lunsford LD, Flickinger JC. Stereotactic radiosurgery for the treatment of trigeminal neuralgia. *The Clinical Journal of Pain.* 18(1), 42-47, 2002.
  185. Flickinger JC, Kondziolka D, Maitz AH, Lunsford LD. An analysis of the dose-response for arteriovenous malformation radiosurgery and other factors affecting obliteration. *Radiotherapy and Oncology* 63: 347-354, 2002.
  186. Varlotto JM, Flickinger JC, Kondziolka DK, Lunsford LD, Deutsch M. External beam irradiation of craniopharyngiomas: Long-term analysis of tumor control and morbidity. *Int J Radiation Oncology Biol Phys.* 54(2): 492-499, 2002.
  187. Pollock BE, Flickinger JC. A proposed radiosurgery-based grading system for arteriovenous malformations. *J Neurosurgery.* 96(1): 79-85, 2002.
  188. Singhal D, Witham TF, Germanwala A, Flickinger JC, Schiff D, Kondziolka D. Multi- modality therapy leads to longer survival in primary central nervous system lymphoma patients. *Canadian J Neurological Sciences.* 29(2): 147-53, 2002.
  189. Hasegawa T, McInerney J, Kondziolka D, Lee JY, Flickinger JC, Lunsford LD. Long-term results after stereotactic radiosurgery for patients with cavernous malformations. *Neurosurgery.* 50(6): 1190-7, 2002.
  190. Bhatnagar A, Heron DE, Kondziolka D, Lunsford LD, Flickinger JC. Analysis of repeat stereotactic radiosurgery for progressive primary and metastatic CNS tumors. *Int J Radiation Oncology Biol Phys.* 53(3): 527-32, 2002.
  191. Hadjipanayis CG, Kondziolka D, Gardner P, Niranjan A, Degam S, Flickinger JC, Lunsford LD. Stereotactic radiosurgery for pilocytic

- astrocytomas when multimodal therapy is necessary. *J Neurosurgery.* 97(1): 56-64, 2002.
192. Lee JY, Niranjana A, McInerney J, Kondziolka D, Flickinger JC, Lunsford LD. Stereotactic radiosurgery providing long-term tumor control of cavernous sinus meningiomas. *J Neurosurgery.* 97(1): 65-72, 2002.
  193. Kondziolka D, Hadjipanayis CG, Flickinger JC, Lunsford LD. The role of radiosurgery for the treatment of pineal parenchymal tumors. *Neurosurgery.* 51(4): 880-9, 2002.
  194. Sheehan J, Kondziolka D, Flickinger JC, Lunsford LD. Radiosurgery for treatment of recurrent intracranial hemangiopericytomas. *Neurosurgery.* 51(4): 905-11, 2002.
  195. Sheehan J, Lunsford LD, Kondziolka D, Flickinger JC. Development of a posterior fossa cavernous malformation associated with bilateral venous anomalies: case report. *J of Neuroimaging.* 12(4): 371-3, 2002.
  196. Varlotto J, Flickinger JC, Kondziolka D, Lunsford LD, Deutsch M. External beam radiation of craniopharyngiomas: long-term analysis of tumor control and morbidity. *Int J Radiation Oncology Bio Phys.* 54(2): 492, 2002.
  197. Sheehan JP, Sun MH, Kondziolka D, Flickinger J, Lunsford LD. Radiosurgery for non-small cell lung carcinoma metastatic to the brain: long-term outcomes and prognostic factors influencing patient survival time and local tumor control. *J Neurosurg.* Dec;97(6): 1276-81, 2002.
  198. Hadjipanayis C, Niranjana A, Tyler-Kabara E, Kondziolka D, Flickinger JC, Lunsford LD. Stereotactic radiosurgery for well-circumscribed fibrillary grade II astrocytomas: An initial experience. *Stereotact Funct Neurosurg.* 79:13-24, 2002.
  199. Sheehan JP, Sun MH, Kondziolka D, Flickinger J, Lunsford LD. Radiosurgery in patients with renal cell carcinoma metastasis to the brain: long-term outcomes and prognostic factors influencing survival and local tumor control. *J. Neurosurg.* Feb;98: 342-349, 2003.
  200. Hasegawa T, Kondziolka D, Hadjipanayis CG, Flickinger JC, Lunsford LD. Stereotactic radiosurgery for CNS nongerminomatous germ cell tumors. *Pediatr Neurosurg* 38:329-333, 2003.
  201. Faul C, Brufsky A, Gerszten K, Flickinger J, Kunschner A, Jacob H, Vogel V. Concurrent sequencing of full-dose CMF chemotherapy and radiation therapy in early breast cancer has no effect on treatment delivery. *Eur J Cancer.* 2003 Apr;39(6):763-8.
  202. Hasegawa T, Kondziolka D, Flickinger JC, Germanwala A, Lunsford LD. Brain metastases treated with radiosurgery alone: An alternative to whole brain radiotherapy? *Neurosurgery* 52:1-11, June 2003.
  203. Flickinger JC, Kondziolka D, Maitz AH, Lunsford LD. Gamma knife radiosurgery of imaging-diagnosed intracranial meningioma. *Int J Radiation Oncology Bio Phys.* 56: 801-6, 2003.
  204. Deutsch M, Flickinger J. Arm Edema After Lumpectomy and Breast Irradiation. *Am J Clin Oncol (CCT)* 26(3): 229-231, 2003.
  205. Hasegawa T, Kondziolka D, Flickinger JC, Lunsford LD. Stereotactic radiosurgery for brain metastases from gastrointestinal tract cancer. *Surg Neurol* 60(6): 506-14, 2003.
  206. Gerszten PC, Moossy JJ, Flickinger JC, Welch WC. Low-dose radiotherapy for the inhibition of peridural fibrosis after reexploratory nerve root decompression for postlaminectomy syndrome. *J Neurosurg.* 2003 Oct;99(3 Suppl):271-7.
  207. Flickinger JC, Kondziolka D, Niranjana A, Maitz A, Voynov G, Lunsford LD. Acoustic neuroma radiosurgery with marginal tumor doses of 12 to 13 Gy. *Int J Radiat Oncol Biol Phys* 60: 225- 230 2004.
  208. Maruyama K, Kondziolka D, Niranjana A, Flickinger JC, Lunsford LD. Stereotactic radiosurgery for brainstem arteriovenous malformations: factors affecting outcome. *J Neurosurg* 100:407-413, 2004.
  209. Sheehan J, Niranjana A, Flickinger JC, Kondziolka D, Lunsford LD. The expanding role of neurosurgeons in the management of brain metastases. *Surg Neurol.* 2004 Jul;62(1):32-40.
  210. Kondziolka D, Lunsford LD, Flickinger JC. Acoustic neuroma radiosurgery. Origins, contemporary use and future expectations. *Neurochirurgie.* 2004 Jun;50(2-3 Pt 2):427-35.
  211. Flickinger JC, Kondziolka D, Lunsford L. Fractionation of radiation treatment in acoustics. Rationale and evidence in comparison to radiosurgery. *Neurochirurgie.* 2004 Jun;50 (2-3 Pt 2):421-6.
  212. Cano ER, Johnson JT, Carrau R, Agarwala S, Flickinger JC, Quader M. Brachytherapy in the treatment of Stage IV carcinoma of the base of tongue. *Brachytherapy.* 2004;3(1):41-8.
  213. Sheehan JP, Niranjana A, Sheehan JM, Jane JA Jr, Laws ER, Kondziolka D, Flickinger JC, Landolt AM, Loeffler JS, Lunsford LD. Stereotactic radiosurgery for pituitary adenomas: an intermediate review of its safety, efficacy, and role in the neurosurgical treatment armamentarium. *J Neurosurg* 102:678-691, 2005.

214. Kondziolka D, Niranjan A, Flickinger JC, Lunsford LD. Radiosurgery with or without Whole-Brain Radiotherapy for Brain Metastases, The Patients' Perspective Regarding Complications. *American Journal of Clinical Oncology*, Vol.28, No.2, April-2005.
215. Whitman TF, Okada H, Fellows W, Hamilton RL, Flickinger JC, Chambers WH, Pollack IF, Watkins SC, Kondziolka D. The Characterization of Tumor Apoptosis after Experimental Radiosurgery. *Stereotact Funct Neurosurg* 2005;83:17-24.
216. Kondziolka D, Steinberg GK, Wechsler L, Meltzer CC, Elder E, Gebel J, Decesare S, Jovin T, Zafonte R, Lebowitz J, Flickinger JC, Tong D, Marks MP, Jamieson C, Luu D, Bell-Stephens T, Teraoka J. Neurotransplantation for patients with subcortical motor stroke: a phase 2 randomized trial. *J Neurosurg*. 2005 Jul;103(1):38-45.
217. Tsao MN, Mehta MP, Whelan TJ, Morris DE, Hayman JA, Flickinger JC, Mills M, Rogers CL, Souhami L. The American Society for Therapeutic Radiology and Oncology (ASTRO)evidence-based review of the role of radiosurgery for malignant glioma. *Int J Radiat Oncol Biol Phys*. 2005 Sep 1;63(1):47-55.
218. Mehta MP, Tsao MN, Whelan TJ, Morris DE, Hayman JA, Flickinger JC, Mills M, Rogers CL, Souhami L. The American Society for Therapeutic Radiology and Oncology (ASTRO)evidence-based review of the role of radiosurgery for brain metastases. *Int J Radiat Oncol Biol Phys*. 2005 Sep 1;63(1):37-46.
219. Varlotto JM, Flickinger JC, Niranjan A, Bhatnagar A, Kondziolka D, Lunsford LD. The impact of whole-brain radiation therapy on the long-term control and morbidity of patients surviving more than one year after gamma knife radiosurgery for brain metastases. *Int J Radiat Oncol Biol Phys*. 2005 Jul 15;62(4):1125-32.
220. Kondziolka D, Lunsford LD, Flickinger JC. In regard to Dr. Souhami et al. (*Int J Radiat Oncol Biol Phys* 2004;60:853-860). *Int J Radiat Oncol Biol Phys*. 2005 Jun 1;62(2):614-5; author reply 615-6. No abstract available.
221. Sheehan JP, Niranjan A, Sheehan JM, Jane JA Jr, Laws ER, Kondziolka D, Flickinger JC, Landolt AM, Loeffler JS, Lunsford LD. Stereotactic radiosurgery for pituitary adenomas: an intermediate review of its safety, efficacy, and role in the neurosurgical treatment armamentarium. *J Neurosurg*. 2005 Apr;102(4):678-91. Review.
222. Kondziolka D, Niranjan A, Flickinger JC, Lunsford LD. Radiosurgery with or without whole-brain radiotherapy for brain metastases: the patients' perspective regarding complications. *Am J Clin Oncol*. 2005 Apr;28(2):173-9.
223. Whitman TF, Okada H, Fellows W, Hamilton RL, Flickinger JC, Chambers WH, Pollack IF, Watkins SC, Kondziolka D. The characterization of tumor apoptosis after experimental radiosurgery. *Stereotact Funct Neurosurg*. 2005;83(1):17-24. Epub 2005 Mar 15.
224. Bhatnagar AK, Flickinger JC, Kondziolka D, Lunsford LD. Stereotactic radiosurgery for four or more intracranial metastases. *Int J Radiat Oncol Biol Phys*. 2006 Mar 1;64(3):898-903. Epub 2005 Dec 9.
225. Kondziolka D, Martin JJ, Flickinger JC, Friedland DM, Brufsky AM, Baar J, Agarwala S, Kirkwood JM, Lunsford LD. Long-term survivors after gamma knife radiosurgery for brain metastases. *Cancer*. 2005 Dec 15;104(12):2784-91.
226. Nakaya K, Hasegawa T, Flickinger JC, Kondziolka DS, Fellows-Mayle W, GobbelGT. Sensitivity to radiation-induced apoptosis and neuron loss declines rapidly in the postnatal mouse neocortex. *Int J Radiat Biol*. 2005 Jul;81(7):545-54.
227. Koebe CJ, Singhal D, Sheehan J, Flickinger JC, Horowitz M, Kondziolka D, Lunsford LD. Radiosurgery for dural arteriovenous fistulas. *Surg Neurol*. 2005 Nov;64(5):392-8; discussion 398-9.
228. Wolski MJ, Bhatnagar A, Flickinger JC, Belani CP, Ramalingam S, Greenberger JS. Multivariate analysis of survival, local control, and time to distant metastases in patients with unresectable non-small-cell lung carcinoma treated with 3-dimensional conformal radiation therapy with or without concurrent chemotherapy. *Clin Lung Cancer*. 2005 Sep;7(2):100-6.
229. Witham TF, Okada H, Fellows W, Hamilton RL, Flickinger JC, Chambers WH, Pollack IF, Watkins SC, Kondziolka D. The characterization of tumor apoptosis after experimental radiosurgery. *Stereotact Funct Neurosurg*. 2005;83(1):17-24. Epub 2005 Mar 15 (not included on last year's list).
230. Sirin S, Kondziolka D, Niranjan A, Flickinger JC, Maitz AH, Lunsford LD. Prospective staged volume radiosurgery for large arteriovenous malformations: indications and outcomes in otherwise untreatable patients. *Neurosurgery*. 2006 Jan;58(1):17-27; discussion 17-27.
231. Flickinger JC, Barker FG 2nd. Clinical results: Radiosurgery and radiotherapy of cranial nerve schwannomas. *Neurosurg Clin N Am*. 2006 Apr;17(2):121-8, vi. (review article)
232. Rahimi-Movaghar V, Flickinger JC. Principles and practice of gamma knife radiosurgery: a review. *East Afr Med J*. 2006 Jul;83(7):393-400. Review.
233. Flickinger JC, Kondziolka D, Lunsford, LD: Radiosurgery for Vestibular Schwannomas. Operative neurosurgical techniques: indications, methods, and results, (914-919), 2005.

234. Lunsford LD, Flickinger JC. Radiosurgery plus or minus whole brain radiation therapy for the treatment of brain metastases. An editorial comment. *Surg Neurol*; 66(5):461-2. No abstract available. Nov. 2006.
235. Rahimi-Movaghar V, Flickinger JC. Principles and practice of gamma knife radiosurgery: a review. *East Afr Med J*; 83(7):393-400. Review. Jul. 2006.
236. Flickinger JC, Barker FG 2nd. Clinical results: Radiosurgery and radiotherapy of cranial nerve schwannomas. *Neurosurg Clin N Am*; 17(2):121-8, vi. Review. Apr. 2006.
237. Bhatnagar AK, Flickinger JC, Kondziolka D, Lunsford LD. Stereotactic radiosurgery for four or more intracranial metastases. *Int J Radiat Oncol Biol Phys*; 1;64(3):898-903. Mar. 2006.
238. Sirin S, Kondziolka D, Niranjan A, Flickinger JC, Maitz AH, Lunsford LD. Prospective staged volume radiosurgery for large arteriovenous malformations: indications and outcomes in otherwise untreatable patients. *Neurosurgery*; 58(1):17-27; discussion 17-27. Jan. 2006.
239. Bhatnagar AK, Land SR, Shogan A, Rodgers EE, Heron DE, Flickinger JC. What do patients want from their radiation oncologist? Initial results from a prospective trial. *Int J Radiat Oncol Biol Phys*. 69(5):1527-33. Dec. 1, 2007.
240. Martin JJ, Niranjan A, Kondziolka D, Flickinger JC, Lozanne KA, Lunsford LD. Radiosurgery for chordomas and chondrosarcomas of the skull base. *J Neurosurg*; 107(4):758-64. Oct. 2007.
241. Chopra R, Kondziolka D, Niranjan A, Lunsford LD, Flickinger JC. Long-term follow-up of acoustic schwannoma radiosurgery with marginal tumor doses of 12 to 13 Gy. *Int J Radiat Oncol Biol Phys*; 68(3):845-51. Jul. 2007.
242. Martin JJ, Kondziolka D, Flickinger JC, Mathieu D, Niranjan A, Lunsford LD. Cranial nerve preservation and outcomes after stereotactic radiosurgery for jugular foramen schwannomas. *Neurosurgery*; 61(1):76-81; discussion 81. Jul. 2007.
243. Bhatnagar AK, Kondziolka D, Lunsford LD, Flickinger JC. Recursive partitioning analysis of prognostic factors for patients with four or more intracranial metastases treated with radiosurgery. *Technol Cancer Res Treat*; 6(3):153-60. Jun. 2007.
244. Mathieu D, Kondziolka D, Cooper PB, Flickinger JC, Niranjan A, Agarwala S, Kirkwood J, Lunsford LD. Gamma knife radiosurgery in the management of malignant melanoma brain metastases. *Neurosurgery*;60(3):471-81; discussion 481-2. Mar. 2007.
245. Mathieu D, Kondziolka D, Flickinger JC, Niranjan A, Williamson R, Martin JJ, Lunsford LD. Stereotactic radiosurgery for vestibular schwannomas in patients with neurofibromatosis type 2: an analysis of tumor control, complications, and hearing preservation rates. *Neurosurgery*; 60(3):460-8; discussion 468-70. Mar. 2007.
246. Mathieu D, Kondziolka D, Cooper PB, Flickinger JC, Niranjan A, Agarwala S, Kirkwood J, Lunsford LD. Gamma knife radiosurgery for malignant melanoma brain metastases. *Clin Neurosurg*. 2007; 54:241-7. No abstract available.
247. Kondziolka D, Flickinger JC, Lunsford LD. Radiosurgery for cavernous malformations. *Prog Neurol Surg*. 2007;20:220-30.
248. Lunsford LD, Niranjan A, Martin JJ, Sirin S, Kassam A, Kondziolka D, Flickinger JC. Radiosurgery for miscellaneous skull base tumors. *Prog Neurol Surg*. 2007;20:192-205.
249. Lee JY, Kondziolka D, Flickinger JC, Lunsford LD. Radiosurgery for intracranial meningiomas. *Prog Neurol Surg*. 2007;20:142-9.
250. Niranjan A, Maitz AH, Lunsford A, Gerszten PC, Flickinger JC, Kondziolka D, Lunsford LD. Radiosurgery techniques and current devices. *Prog Neurol Surg*; 20:50-67. 2007.
251. Flickinger JC, Kondziolka D, Niranjan A, Lunsford LD. Dose selection in stereotactic radiosurgery. *Prog Neurol Surg*; 20:28-42. Review. 2007.
252. Kondziolka D, Niranjan A, Lunsford LD, Flickinger JC. Radiobiology of radiosurgery. *Prog Neurol Surg*; 20:16-27. Review. 2007.
253. Engh JA, Flickinger JC, Niranjan A, Amin DV, Kondziolka DS, Lunsford LD. Optimizing intracranial metastasis detection for stereotactic radiosurgery. *Stereotact Funct Neurosurg*; 85(4):162-8. 2007.
254. Kondziolka D, Ong JG, Lee JY, Moore RY, Flickinger JC, Lunsford LD. Gamma Knife thalamotomy for essential tremor. *J Neurosurg*. 2008;108(1):111-7.
255. Germanwala AV, Mai JC, Tomyecz ND, et al. Boost Gamma Knife surgery during multimodality management of adult medulloblastoma. *J Neurosurg*. 2008;108(2):204-9.
256. Kondziolka D, Mathieu D, Lunsford LD, et al. Radiosurgery as definitive management of intracranial meningiomas. *Neurosurgery*. 2008;62(1):53-8; discussion 58-60.
257. Varlotto JM, Flickinger JC, Recht A, Nikolov MC, DeCamp MM. A comparison of survival and disease-specific survival in surgically

- resected, lymph node-positive bronchioloalveolar carcinoma versus nonsmall cell lung cancer: implications for adjuvant therapy. *Cancer*. 2008;112(7):1547-54.
258. Kondziolka D, Flickinger JC, Lunsford LD. The principles of skull base radiosurgery. *Neurosurg. focus*. 2008;24(5):E11.
  259. Mathieu D, Kondziolka D, Flickinger JC, et al. Tumor bed radiosurgery after resection of cerebral metastases. *Neurosurgery*. 2008;62(4):817-23; discussion 823-4.
  260. Kondziolka D, Lunsford LD, Flickinger JC. The application of stereotactic radiosurgery to disorders of the brain. *Neurosurgery*. 2008;62 Suppl 2:707-19; discussion 719-20.
  261. Kim IY, Niranjana A, Kondziolka D, Flickinger JC, Lunsford LD. Gamma knife radiosurgery for treatment resistant choroid plexus papillomas. *J Neurooncol*. 2008;90(1):105-10.
  262. Pollock BE, Flickinger JC. Modification of the radiosurgery-based arteriovenous malformation grading system. *Neurosurgery*. 2008;63(2):239-43; discussion 243.
  263. Niranjana A, Flickinger JC. Radiobiology, principle and technique of radiosurgery. *Prog. neurol. surg.*. 2008;21:32-42.
  264. Niranjana A, Mathieu D, Kondziolka D, Flickinger JC, Lunsford LD. Radiosurgery for intracranial vestibular schwannomas. *Prog. neurol. surg.*. 2008;21:192-9.
  265. Flickinger JC, Burton S. Radiotherapy of cranial nerve schwannomas. *Prog. neurol. surg.*. 2008;21:238-46.
  266. Kano H, Niranjana A, Mongia S, Kondziolka D, Flickinger JC, Lunsford LD. The role of stereotactic radiosurgery for intracranial hemangioblastomas. *Neurosurgery*. 2008;63(3):443-50; discussion 450-1.
  267. Monaco E 3rd, Kondziolka D, Mongia S, Niranjana A, Flickinger JC, Lunsford LD. Management of brain metastases from ovarian and endometrial carcinoma with stereotactic radiosurgery. *Cancer*. 2008;113(9):2610-4.
  268. Sharma MS, Kondziolka D, Khan A, et al. Radiation tolerance limits of the brainstem. *Neurosurgery*. 2008;63(4):728-32; discussion 732-3.
  269. Kano H, Niranjana A, Kondziolka D, Flickinger JC, Lunsford LD. Adjuvant stereotactic radiosurgery after resection of intracranial hemangiopericytomas. *Int J Radiat Oncol Biol Phys*. 2008;72(5):1333-9.
  270. Niranjana A, Mathieu D, Flickinger JC, Kondziolka D, Lunsford LD. Hearing preservation after intracranial vestibular schwannoma radiosurgery. *Neurosurgery*. 2008;63(6):1054-62; discussion 1062-3.
  271. Williamson R, Kondziolka D, Kanaan H, Lunsford LD, Flickinger JC. Adverse radiation effects after radiosurgery may benefit from oral vitamin E and pentoxifylline therapy: a pilot study. *Stereotact Funct Neurosurg*. 2008;86(6):359-66.
  272. Novotny J, Bhatnagar JP, Niranjana A, et al. Dosimetric comparison of the Leksell Gamma Knife Perfexion and 4C. *J Neurosurg*. 2008;109 Suppl:8-14.
  273. Kim IY, Kondziolka D, Niranjana A, Flickinger JC, Lunsford LD. Gamma Knife surgery for schwannomas originating from cranial nerves III, IV, and VI. *J Neurosurg*. 2008;109 Suppl:149-53.
  274. Lunsford LD, Niranjana A, Flickinger JC, Kondziolka D. Navigating change and the acoustic neuroma story: methods, outcomes, and myths. *Clin Neurosurg*. 2008;55:47-61.
  275. Lunsford LD, Niranjana A, Kondziolka D, Sirin S, Flickinger JC. Arteriovenous malformation radiosurgery: a twenty year perspective. *Clin Neurosurg*. 2008;55:108-19.
  276. Kano H, Niranjana A, Kondziolka D, Flickinger JC, Lunsford LD. Outcome predictors for intracranial ependymoma radiosurgery. *Neurosurgery*. 2009;64(2):279-87; discussion 287-8.
  277. Varlotto JM, Recht A, Nikolov M, Flickinger JC, Decamp MM. Extent of lymphadenectomy and outcome for patients with stage I nonsmall cell lung cancer. *Cancer*. 2009;115(4):851-8.
  278. Kano H, Niranjana A, Kondziolka D, Flickinger JC, Lunsford LD. The role of palliative radiosurgery when cancer invades the cavernous sinus. *Int J Radiat Oncol Biol Phys*. 2009;73(3):709-15.
  279. Kano H, Niranjana A, Novotny J Jr, Bhatnagar J, Flickinger JC, Lunsford LD. Radiosurgery for desmoplastic melanoma of the head and neck using the Leksell Gamma Knife Perfexion technology: a case report. *Stereotact Funct Neurosurg*. 2009;87(1):61-5.
  280. Kondziolka D, Kano H, Kanaan H, et al. Stereotactic radiosurgery for radiation-induced meningiomas. *Neurosurgery*. 2009;64(3):463-9; discussion 469-70.



281. Varlotto JM, Recht A, Flickinger JC, Medford-Davis LN, Dyer AM, Decamp MM. Factors associated with local and distant recurrence and survival in patients with resected nonsmall cell lung cancer. *Cancer*. 2009;115(5):1059-69.
282. Kano H, Niranjana A, Khan A, et al. Does radiosurgery have a role in the management of oligodendrogliomas?. *J Neurosurg*. 2009;110(3):564-71.
283. Kano H, Niranjana A, Kondziolka D, Flickinger JC, Dade Lunsford L. Stereotactic radiosurgery for trigeminal schwannoma: tumor control and functional preservation Clinical article. *J Neurosurg*. 2009;110(3):553-8.
284. Kano H, Niranjana A, Kondziolka D, Flickinger JC, Lunsford D. Role of stereotactic radiosurgery in the management of pineal parenchymal tumors. *Prog. neurol. surg.*. 2009;23:44-58.
285. Flannery T, Kano H, Martin JJ, et al. Boost radiosurgery as a strategy after failure of initial management of pediatric primitive neuroectodermal tumors. *J Neurosurg Pediatrics*. 2009;3(3):205-10.
286. Kim IY, Kondziolka D, Niranjana A, Flickinger JC, Lunsford LD. Gamma knife radiosurgery for intraventricular meningiomas. *Acta Neurochir (Wien)*. 2009;151(5):447-52; discussion 452.
287. Kim IY, Kondziolka D, Niranjana A, Flickinger JC, Lunsford LD. Gamma knife radiosurgery for metastatic brain tumors from thyroid cancer. *J Neurooncol*. 2009;93(3):355-9.
288. Madhok R, Kondziolka D, Flickinger JC, Lunsford LD. Gamma knife radiosurgery for facial schwannomas. *Neurosurgery*. 2009;64(6):1102-5; discussion 1105.
289. Niranjana A, Novotny J Jr, Bhatnagar J, Flickinger JC, Kondziolka D, Lunsford LD. Efficiency and dose planning comparisons between the Perfexion and 4C Leksell Gamma Knife units. *Stereotact Funct Neurosurg*. 2009;87(3):191-8.
290. Lobato-Polo J, Kondziolka D, Zorro O, Kano H, Flickinger JC, Lunsford LD. Gamma knife radiosurgery in younger patients with vestibular schwannomas. *Neurosurgery*. 2009;65(2):294-300; discussion 300-1.
291. Kano H, Niranjana A, Kondziolka D, Flickinger JC, Lunsford LD. Stereotactic radiosurgery for pituitary metastases. *Surg Neurol*. 2009;72(3):248-55; discussion 255-6.
292. Park DM, Yeane GA, Hamilton RL, et al. Identifying Muir-Torre syndrome in a patient with glioblastoma multiforme. *Neuro-oncol*. 2009;11(4):452-5.
293. Bhatnagar AK, Beriwal S, Heron DE, et al. Initial outcomes analysis for large multicenter integrated cancer network implementation of intensity modulated radiation therapy for breast cancer. *Breast J*. 2009;15(5):468-74.
294. Kondziolka D, Madhok R, Lunsford LD, et al. Stereotactic radiosurgery for convexity meningiomas. *J Neurosurg*. 2009;111(3):458-63.
295. Kano H, Kondziolka D, Khan A, Flickinger JC, Lunsford LD. Predictors of hearing preservation after stereotactic radiosurgery for acoustic neuroma. *J Neurosurg*. 2009;111(4):863-73.
296. Kano H, Kondziolka D, Zorro O, Lobato-Polo J, Flickinger JC, Lunsford LD. The results of resection after stereotactic radiosurgery for brain metastases. *J Neurosurg*. 2009;111(4):825-31.
297. Zorro O, Lobato-Polo J, Kano H, Flickinger JC, Lunsford LD, Kondziolka D. Gamma knife radiosurgery for multiple sclerosis-related trigeminal neuralgia. *Neurology*. 2009;73(14):1149-54.
298. Kano H, Kondziolka D, Niranjana A, Flickinger JC, Lunsford LD. Stereotactic radiosurgery for pilocytic astrocytomas part 1: outcomes in adult patients. *J Neurooncol*. 2009;95(2):211-8.
299. Kano H, Niranjana A, Kondziolka D, et al. Stereotactic radiosurgery for pilocytic astrocytomas part 2: outcomes in pediatric patients. *J Neurooncol*. 2009;95(2):219-29.
300. Khan AA, Niranjana A, Kano H, Kondziolka D, Flickinger JC, Lunsford LD. Stereotactic radiosurgery for cavernous sinus or orbital hemangiomas. *Neurosurgery*. 2009;65(5):914-8; discussion 918.
301. Gokhale AS, McLaughlin BT, Flickinger JC, et al. Clinical and dosimetric factors associated with a prolonged feeding tube requirement in patients treated with chemoradiotherapy (CRT) for head and neck cancers. *Ann Oncol*. 2010;21(1):145-51.
302. Flannery T, Kano H, Niranjana A, et al. Stereotactic radiosurgery as a therapeutic strategy for intracranial metastatic prostate carcinoma. *J Neurooncol*. 2010;96(3):369-74.
303. Flannery T, Kano H, Niranjana A, et al. Gamma knife radiosurgery as a therapeutic strategy for intracranial sarcomatous metastases. *Int J Radiat Oncol Biol Phys*. 2010;76(2):513-9.

304. Kano H, Kondziolka D, Niranjan A, Flannery TJ, Flickinger JC, Lunsford LD. Repeat stereotactic radiosurgery for acoustic neuromas. *Int J Radiat Oncol Biol Phys.* 2010;76(2):520-7.
305. Mayo C, Martel MK, Marks LB, Flickinger J, Nam J, Kirkpatrick J. Radiation dose-volume effects of optic nerves and chiasm. *Int J Radiat Oncol Biol Phys.* 2010;76(3 Suppl):S28-35.
306. Bhandare N, Jackson A, Eisbruch A, et al. Radiation therapy and hearing loss. *Int J Radiat Oncol Biol Phys.* 2010;76(3 Suppl):S50-7.
307. Kano H, Kondziolka D, Lobato-Polo J, Zorro O, Flickinger JC, Lunsford LD. T1/T2 matching to differentiate tumor growth from radiation effects after stereotactic radiosurgery. *Neurosurgery.* 2010;66(3):486-91; discussion 491-2.
308. Kondziolka D, Zorro O, Lobato-Polo J, et al. Gamma Knife stereotactic radiosurgery for idiopathic trigeminal neuralgia. *J Neurosurg.* 2010;112(4):758-65.
309. Gerszten PC, Monaco EA 3rd, Quader M, et al. Setup accuracy of spine radiosurgery using cone beam computed tomography image guidance in patients with spinal implants. *J Neurosurg Spine.* 2010;12(4):413-20.
310. Flannery TJ, Kano H, Lunsford LD, et al. Long-term control of petroclival meningiomas through radiosurgery. *J Neurosurg.* 2010;112(5):957-64.
311. Varlotto JM, Recht A, Flickinger JC, Medford-Davis LN, Dyer AM, DeCamp MM. Varying recurrence rates and risk factors associated with different definitions of local recurrence in patients with surgically resected, stage I nonsmall cell lung cancer. *Cancer.* 2010;116(10):2390-400.
312. Lunsford LD, Khan AA, Niranjan A, Kano H, Flickinger JC, Kondziolka D. Stereotactic radiosurgery for symptomatic solitary cerebral cavernous malformations considered high risk for resection. *J Neurosurg.* 2010;113(1):23-9.
313. Nakaya K, Niranjan A, Kondziolka D, et al. Gamma knife radiosurgery for benign tumors with symptoms from brainstem compression. *Int J Radiat Oncol Biol Phys.* 2010;77(4):988-95.
314. Niranjan A, Kano H, Khan A, et al. Radiosurgery for brain metastases from unknown primary cancers. *Int J Radiat Oncol Biol Phys.* 2010;77(5):1457-62.
315. Niranjan A, Kano H, Mathieu D, Kondziolka D, Flickinger JC, Lunsford LD. Radiosurgery for craniopharyngioma. *Int J Radiat Oncol Biol Phys.* 2010;78(1):64-71.
316. Monaco EA, Khan AA, Niranjan A, et al. Stereotactic radiosurgery for the treatment of symptomatic brainstem cavernous malformations. *Neurosurg. focus.* 2010;29(3):E11.
317. Kano H, Yang HC, Kondziolka D, et al. Stereotactic radiosurgery for pediatric recurrent intracranial ependymomas. *J Neurosurg Pediatrics.* 2010;6(5):417-23.
318. Kondziolka D, Kano H, Yang HC, Flickinger JC, Lunsford L. Radiosurgical management of pediatric arteriovenous malformations. *Childs Nerv Syst.* 2010;26(10):1359-66.
319. Arai Y, Kano H, Lunsford LD, et al. Does the Gamma Knife dose rate affect outcomes in radiosurgery for trigeminal neuralgia?. *J Neurosurg.* 2010;113 Suppl:168-71.
320. Gerszten PC, Novotny J Jr, Quader M, Dewald VC, Flickinger JC. Prospective evaluation of a dedicated spine radiosurgery program using the Elekta Synergy S system. *J Neurosurg.* 2010;113 Suppl:236-41.
321. Varlotto JM, Medford-Davis LN, Recht A, Flickinger JC, Schaefer E, Zander DS, Decamp MM. Should Large Cell Neuroendocrine Lung Carcinoma be Classified and Treated as a Small Cell Lung Cancer or with Other Large Cell Carcinomas? *J Thorac Oncol.* 2011 Jun;6(6):1050-1058.
322. Park KJ, Kano H, Parry PV, Niranjan A, Flickinger JC, Lunsford LD, Kondziolka D. Long-term Outcomes after Gamma Knife Stereotactic Radiosurgery for Non-Functional Pituitary Adenomas. *Neurosurgery.* 2011 May 5. [Epub ahead of print]
323. Park KJ, Kano H, Berkowitz O, Awan NR, Flickinger JC, Lunsford LD, Kondziolka D. Computed tomography-guided gamma knife stereotactic radiosurgery for trigeminal neuralgia. *Acta Neurochir (Wien).* 2011 May 3. [Epub ahead of print].
324. O'Neill M, Heron DE, Flickinger JC, Smith R, Ferris RL, Gibson M. Posttreatment Quality-of-Life Assessment in Patients With Head and Neck Cancer Treated With Intensity-modulated Radiation Therapy. *Am J Clin Oncol.* 2011 Apr 29. [Epub ahead of print].
325. Olson AC, Wegner RE, Scicutella C, Heron DE, Greenberger JS, Huq MS, Bednarz G, Flickinger JC. Quality Assurance Analysis of a Large Multicenter Practice: Does Increased Complexity of Intensity-Modulated Radiotherapy Lead to Increased Error Frequency? *Int J Radiat Oncol Biol Phys.* 2011 Apr 14. [Epub ahead of print].

326. Wegner RE, Olson AC, Kondziolka D, Niranjana A, Lunsford LD, Flickinger JC. Stereotactic Radiosurgery for Patients With Brain Metastases From Small Cell Lung Cancer. *Int J Radiat Oncol Biol Phys.* 2011 Feb 22. [Epub ahead of print]
327. Kano H, Kondziolka D, Niranjana A, Flickinger JC, Lunsford LD. Gamma knife stereotactic radiosurgery in the management of cluster headache. *Curr Pain Headache Rep.* 2011 Apr;15(2):118-23.
328. Paravati AJ, Heron DE, Landsittel D, Flickinger JC, Mintz A, Chen YF, Huq MS. Radiotherapy and temozolomide for newly diagnosed glioblastoma and anaplastic astrocytoma: validation of Radiation Therapy Oncology Group-Recursive Partitioning Analysis in the IMRT and temozolomide era. *J Neurooncol.* 2010 Dec 22. [Epub ahead of print]
329. Kondziolka D, Flickinger JC, Hudak R. Results following gamma knife radiosurgical anterior capsulotomies for obsessive compulsive disorder. *Neurosurgery.* 2011 Jan;68(1):28-32; discussion 23-3.
330. Kano H, Awan NR, Flannery TJ, Iyer A, Flickinger JC, Lunsford LD, Kondziolka D. Stereotactic radiosurgery for patients with trigeminal neuralgia associated with petroclival meningiomas. *Stereotact Funct Neurosurg.* 2011 Feb;89(1):17-24. Epub 2010 Dec 1.
331. Park KJ, Kano H, Kondziolka D, Niranjana A, Flickinger JC, Lunsford LD. Gamma Knife surgery for subependymal giant cell astrocytomas. *Clinical article. J Neurosurg.* 2011 Mar;114(3):808-13. Epub 2010 Oct 15.
332. Kondziolka D, Kano H, Harrison GL, Yang HC, Liew DN, Niranjana A, Brufsky AM, Flickinger JC, Lunsford LD. Stereotactic radiosurgery as primary and salvage treatment for brain metastases from breast cancer. *Clinical article. J Neurosurg.* 2011 Mar;114(3):792-800. Epub 2010 Oct 1.
333. Yang HC, Kano H, Awan NR, Lunsford LD, Niranjana A, Flickinger JC, Novotny J Jr, Bhatnagar JP, Kondziolka D. Gamma Knife radiosurgery for larger-volume vestibular schwannomas. *Clinical article. J Neurosurg.* 2011 Mar;114(3):801-7. Epub 2010 Aug 27.
334. Wegner RE, Oysul K, Pollock BE, Sirin S, Kondziolka D, Niranjana A, Lunsford LD, Flickinger JC. A modified radiosurgery-based arteriovenous malformation grading scale and its correlation with outcomes. *Int J Radiat Oncol Biol Phys.* 2011 Mar 15;79(4):1147-50.
335. Liew DN, Kano H, Kondziolka D, Mathieu D, Niranjana A, Flickinger JC, Kirkwood JM, Tarhini A, Moschos S, Lunsford LD. Outcome predictors of Gamma Knife surgery for melanoma brain metastases. *Clinical article. J Neurosurg.* 2011 Mar;114(3):769-79. Epub 2010 Jun 4.
336. Flickinger JC. A radiobiological analysis of multicenter data for postoperative keloid radiotherapy. *Int J Radiat Oncol Biol Phys.* 2011 Mar 15;79(4):1164-70. Epub 2010 May 14.
337. Kano H, Kondziolka D, Mathieu D, Stafford SL, Flannery TJ, Niranjana A, Pollock BE, Kaufmann AM, Flickinger JC, Lunsford LD. Stereotactic radiosurgery for intractable cluster headache: an initial report from the North American Gamma Knife Consortium. *J Neurosurg.* 2011 Jun;114(6):1736-43. Epub 2010 Apr 30.
338. Flickinger JC Jr, Kim H, Kano H, Greenberger JS, Arai Y, Niranjana A, Lunsford LD, Kondziolka D, Flickinger JC Sr. Do Carbamazepine, Gabapentin, or Other Anticonvulsants Exert Sufficient Radioprotective Effects to Alter Responses From Trigeminal Neuralgia Radiosurgery? *Int J Radiat Oncol Biol Phys.* 2012 Mar 13.[Epub ahead of print]
339. Liu X, Kano H, Kondziolka D, Park KJ, Iyer A, Shin S, Niranjana A, Flickinger JC, Lunsford LD. Gamma knife stereotactic radiosurgery for drug resistant or intolerant invasive prolactinomas. *Pituitary.* 2012 Feb 3. [Epub ahead of print]
340. Beriwal S, Rajagopalan MS, Flickinger JC, Rakfal SM, Rodgers E, Heron DE. How Effective are Clinical Pathways with and Without Online Peer-Review? An Analysis of Bone Metastases Pathway in a Large, Integrated National Cancer Institute-Designated Comprehensive Cancer Center Network. *Int J Radiat Oncol Biol Phys.* 2012 Jan 13.
341. Guckenberger M, Sweeney RA, Flickinger JC, Gerszten PC, Kersh R, Sheehan J, Sahgal A. Clinical practice of image-guided spine radiosurgery - results from an international research consortium. *Radiat Oncol.* 2011 Dec 15;6:172.
342. Defoe SG, Pennathur A, Flickinger JC, Heron DE, Gibson MK, Luketich JD, Greenberger JS. Retrospective review of patients with locally advanced esophageal cancer treated at the University of Pittsburgh. *Am J Clin Oncol.* 2011 Dec;34(6):587-92.
343. Kano H, Lunsford LD, Flickinger JC, Yang HC, Flannery TJ, Awan NR, Niranjana A, Novotny J Jr, Kondziolka D. Stereotactic radiosurgery for arteriovenous malformations, Part 1: management of Spetzler-Martin Grade I and II arteriovenous malformations. *J Neurosurg.* 2012 Jan;116(1):11-20. Epub 2011 Nov 11.
344. Kano H, Kondziolka D, Flickinger JC, Yang HC, Flannery TJ, Niranjana A, Novotny J Jr, Lunsford LD. Stereotactic radiosurgery for arteriovenous malformations, Part 4: management of basal ganglia and thalamus arteriovenous malformations. *J Neurosurg.* 2012 Jan;116(1):33-43. Epub 2011 Nov 11.
345. Kano H, Kondziolka D, Flickinger JC, Yang HC, Flannery TJ, Niranjana A, Novotny J Jr, Lunsford LD. Stereotactic radiosurgery for arteriovenous malformations, Part 5: management of brainstem arteriovenous malformations. *J Neurosurg.* 2012 Jan;116(1):44-53. Epub

2011 Nov 11.

346. Kano H, Kondziolka D, Flickinger JC, Park KJ, Parry PV, Yang HC, Sirin S, Niranjan A, Novotny J Jr, Lunsford LD. Stereotactic radiosurgery for arteriovenous malformations, Part 6: multistaged volumetric management of large arteriovenous malformations. *J Neurosurg.* 2012 Jan;116(1):54-65. Epub 2011 Nov 11.
347. Kano H, Kondziolka D, Flickinger JC, Yang HC, Flannery TJ, Awan NR, Niranjan A, Novotny J Jr, Lunsford LD. Stereotactic radiosurgery for arteriovenous malformations, Part 3: outcome predictors and risks after repeat radiosurgery. *J Neurosurg.* 2012 Jan;116(1):21-32. Epub 2011 Nov 11.
348. Park KJ, Niranjan A, Kondziolka D, Kano H, Castillo P, Matchett JC, Flickinger JC, Lunsford LD. Combining brain diagnosis and therapy in a single strategy: the safety, reliability, and cost implications using same-day versus separate-day stereotactic procedures. *Stereotact Funct Neurosurg.* 2011;89(6):346-56. Epub 2011 Nov 5.
349. Park KJ, Kano H, Iyer A, Liu X, Niranjan A, Flickinger JC, Lieberman FS, Lunsford LD, Kondziolka D. Salvage gamma knife stereotactic radiosurgery followed by bevacizumab for recurrent glioblastoma multiforme: a case-control study. *J Neurooncol.* 2012 Apr;107(2):323-33. Epub 2011 Nov 5.
350. Kondziolka D, Flickinger JC, Dade Lunsford L. Clinical research in stereotactic radiosurgery: lessons learned from over 10,000 cases. *Neurol Res.* 2011 Oct;33(8):792-802.
351. Park KJ, Kondziolka D, Kano H, Berkowitz O, Ahmed SF, Liu X, Niranjan A, Flickinger JC, Lunsford LD. Outcomes of Gamma Knife surgery for trigeminal neuralgia secondary to vertebrobasilar ectasia. *J Neurosurg.* 2012 Jan;116(1):73-81. Epub 2011 Sep 30.
352. Park KJ, Kondziolka D, Berkowitz O, Kano H, Novotny J Jr, Niranjan A, Flickinger JC, Lunsford LD. Repeat gamma knife radiosurgery for trigeminal neuralgia. *Neurosurgery.* 2012 Feb;70(2):295-305; discussion 305.
353. Kano H, Iyer A, Kondziolka D, Niranjan A, Flickinger JC, Lunsford LD. Outcome predictors of gamma knife radiosurgery for renal cell carcinoma metastases. *Neurosurgery.* 2011 Dec;69(6):1232-9.
354. Park KJ, Kano H, Parry PV, Niranjan A, Flickinger JC, Lunsford LD, Kondziolka D. Long-term outcomes after gamma knife stereotactic radiosurgery for nonfunctional pituitary adenomas. *Neurosurgery.* 2011 Dec;69(6):1188-99.
355. Park KJ, Kano H, Berkowitz O, Awan NR, Flickinger JC, Lunsford LD, Kondziolka D. Computed tomography-guided gamma knife stereotactic radiosurgery for trigeminal neuralgia. *Acta Neurochir (Wien).* 2011 Aug;153(8):1601-9. Epub 2011 May 3.
356. O'Neill M, Heron DE, Flickinger JC, Smith R, Ferris RL, Gibson M. Posttreatment quality-of-life assessment in patients with head and neck cancer treated with intensity-modulated radiation therapy. *Am J Clin Oncol.* 2011 Oct;34(5):478-82.
357. Wegner RE, Olson AC, Kondziolka D, Niranjan A, Lunsford LD, Flickinger JC. Stereotactic radiosurgery for patients with brain metastases from small cell lung cancer. *Int J Radiat Oncol Biol Phys.* 2011 Nov 1;81(3):e21-7. Epub 2011 Feb 23.
358. Paravati AJ, Heron DE, Landsittel D, Flickinger JC, Mintz A, Chen YF, Huq MS. Radiotherapy and temozolomide for newly diagnosed glioblastoma and anaplastic astrocytoma: validation of Radiation Therapy Oncology Group-Recursive Partitioning Analysis in the IMRT and temozolomide era. *J Neurooncol.* 2011 Aug;104(1):339-49. Epub 2010 Dec 22.
359. Park KJ, Kano H, Kondziolka D, Niranjan A, Flickinger JC, Lunsford LD. Early or delayed radiosurgery for WHO grade II astrocytomas. *J Neurooncol.* 2011 Jul;103(3):523-32. Epub 2010 Sep 17. 30:
360. Kano H, Kondziolka D, Flickinger JC, Park KJ, Iyer A, Yang HC, Liu X, Monaco iii EA, Niranjan A, Lunsford LD. Stereotactic radiosurgery after embolization for arteriovenous malformations. *Prog Neurol Surg.* 2013;27:89-96. doi: 10.1159/000341646. Epub 2012 Dec 11.
361. Yang H, Kano H, Kondziolka D, Niranjan A, Flickinger JC, Horowitz MB, Lunsford LD. Stereotactic Radiosurgery with or without Embolization for Intracranial Dural Arteriovenous Fistulas. *Prog Neurol Surg.* 2013;27:195-204. doi: 10.1159/000341796. Epub 2012 Dec 11.
362. Monaco Iii EA, Niranjan A, Kano H, Flickinger JC, Kondziolka D, Lunsford LD. Management of adverse radiation effects after radiosurgery for arteriovenous malformations. *Prog Neurol Surg.* 2013;27:107-18. doi: 10.1159/000341647. Epub 2012 Dec 11.
363. Kano H, Kondziolka D, Flickinger JC, Park KJ, Parry PV, Yang HC, Sirin S, Niranjan A, Novotny J Jr, Lunsford LD. Multistaged volumetric management of large arteriovenous malformations. *Prog Neurol Surg.* 2013;27:73-80. doi: 10.1159/000341629. Epub 2012 Dec 11.
364. Gerszten PC, Chen S, Quader M, Xu Y, Novotny J Jr, Flickinger JC. Radiosurgery for benign tumors of the spine using the Synergy S with cone-beam computed tomography image guidance. *J Neurosurg.* 2012 Dec;117 Suppl:197-202. doi: 10.3171/2012.8.GKS12981.
365. Zenonos G, Kondziolka D, Flickinger JC, Gardner P, Lunsford LD. Gamma Knife surgery in the treatment paradigm for foramen magnum

meningiomas. *J Neurosurg.* 2012 Nov;117(5):864-73. doi: 10.3171/2012.8.JNS111554. Epub 2012 Sep 14.

366. Kano H, Kondziolka D, Flickinger JC, Yang HC, Park KJ, Flannery TJ, Liu X, Niranjan A, Lunsford LD. Aneurysms increase the risk of rebleeding after stereotactic radiosurgery for hemorrhagic arteriovenous malformations. *Stroke.* 2012 Oct;43(10):2586-91. Epub 2012 Aug 9.
367. Medford-Davis L, Decamp M, Recht A, Flickinger J, Belani CP, Varlotto J. Surgical Management of Early-Stage Non-small Cell Lung Carcinoma and the Present and Future Roles of Adjuvant Therapy: A Review for the Radiation Oncologist. *Int J Radiat Oncol Biol Phys.* 2012 Dec 1;84(5):1048-57. doi: 10.1016/j.ijrobp.2012.03.018. Epub 2012 May 23.
368. Grandhi R, Kondziolka D, Panczykowski D, Monaco EA 3rd, Kano H, Niranjan A, Flickinger JC, Lunsford LD. Stereotactic radiosurgery using the Leksell Gamma Knife Perfexion unit in the management of patients with 10 or more brain metastases. *J Neurosurg.* 2012 Aug;117(2):237-45. doi: 10.3171/2012.4.JNS11870. Epub 2012 May 25.
369. Kano H, Kondziolka D, Flickinger JC, Park KJ, Iyer A, Yang HC, Liu X, Monaco EA 3rd, Niranjan A, Lunsford LD. Stereotactic radiosurgery for arteriovenous malformations after embolization: a case-control study. *J Neurosurg.* 2012 Aug;117(2):265-75. doi: 10.3171/2012.4.JNS111935. Epub 2012 May 25.
370. Cox BW, Spratt DE, Lovelock M, Bilsky MH, Lis E, Ryu S, Sheehan J, Gerszten PC, Chang E, Gibbs I, Soltys S, Sahgal A, Deasy J, Flickinger J, Quader M, Mindea S, Yamada Y. International Spine Radiosurgery Consortium consensus guidelines for target volume definition in spinal stereotactic radiosurgery. *Int J Radiat Oncol Biol Phys.* 2012 Aug 1;83(5):e597-605. doi: 10.1016/j.ijrobp.2012.03.009. Epub 2012 May 19.
371. Liu X, Kano H, Kondziolka D, Park KJ, Iyer A, Niranjan A, Flickinger JC, Lunsford LD. Gamma knife radiosurgery for clinically persistent acromegaly. *J Neurooncol.* 2012 Aug;109(1):71-9. doi: 10.1007/s11060-012-0862-z. Epub 2012 Apr 26.
372. Wang K, Heron DE, Flickinger JC, Rwigema JC, Ferris RL, Kubicek GJ, Ohr JP, Quinn AE, Ozhasoglu C, Branstetter BF. A retrospective, deformable registration analysis of the impact of PET-CT planning on patterns of failure in stereotactic body radiation therapy for recurrent head and neck cancer. *Head Neck Oncol.* 2012 Apr 19;4:12. doi: 10.1186/1758-3284-4-12.
373. Iyer A, Kano H, Kondziolka D, Liu X, Niranjan A, Flickinger JC, Lunsford LD. Stereotactic radiosurgery for intracranial chondrosarcoma. *J Neurooncol.* 2012 Jul;108(3):535-42. doi: 10.1007/s11060-012-0858-8. Epub 2012 Apr 11.
374. Flickinger JC Jr, Kim H, Kano H, Greenberger JS, Arai Y, Niranjan A, Lunsford LD, Kondziolka D, Flickinger JC Sr. Do carbamazepine, gabapentin, or other anticonvulsants exert sufficient radioprotective effects to alter responses from trigeminal neuralgia radiosurgery? *Int J Radiat Oncol Biol Phys.* 2012 Jul 15;83(4):e501-6. doi: 10.1016/j.ijrobp.2012.01.016. Epub 2012 Mar 13.
375. Gerszten PC, Quader M, Novotny J Jr, Flickinger JC. Radiosurgery for benign tumors of the spine: clinical experience and current trends. *Technol Cancer Res Treat.* 2012 Apr;11(2):133-9.
376. Patel VB, Wegner RE, Heron DE, Flickinger JC, Gerszten P, Burton SA. Comparison of whole versus partial vertebral body stereotactic body radiation therapy for spinal metastases. *Technol Cancer Res Treat.* 2012 Apr;11(2):105-15.
377. Beriwal S, Rajagopalan MS, Flickinger JC, Rakfal SM, Rodgers E, Heron DE. How effective are clinical pathways with and without online peer-review? An analysis of bone metastases pathway in a large, integrated National Cancer Institute-Designated Comprehensive Cancer Center Network. *Int J Radiat Oncol Biol Phys.* 2012 Jul 15;83(4):1246-51. doi: 10.1016/j.ijrobp.2011.09.056. Epub 2012 Jan 13.
378. Park KJ, Kano H, Iyer A, Liu X, Niranjan A, Flickinger JC, Lieberman FS, Lunsford LD, Kondziolka D. Salvage gamma knife stereotactic radiosurgery followed by bevacizumab for recurrent glioblastoma multiforme: a case-control study. *J Neurooncol.* 2012 Apr;107(2):323-33. doi: 10.1007/s11060-011-0744-9. Epub 2011 Nov 5.
379. Luther N, Kondziolka D, Kano H, Mousavi SH, Engh JA, Niranjan A, Flickinger JC, Lunsford LD. Predicting tumor control after resection bed radiosurgery of brain metastases. *Neurosurgery.* 2013 Dec;73(6):1001-6.
380. Leeman JE, Clump DA, Flickinger JC, Mintz AH, Burton SA, Heron DE. Extent of perilesional edema differentiates radionecrosis from tumor recurrence following stereotactic radiosurgery for brain metastases. *Neuro Oncol.* 2013 Dec;15(12):1732-8.
381. Kondziolka D, Parry PV, Lunsford LD, Kano H, Flickinger JC, Rakfal S, Arai Y, Loeffler JS, Rush S, Knisely JP, Sheehan J, Friedman W, Tarhini AA, Francis L, Lieberman F, Ahluwalia MS, Linskey ME, McDermott M, Sperduto P, Stupp R. The accuracy of predicting survival in individual patients with cancer. *J Neurosurg.* 2013 Oct 25.
382. Kim CH, Ling DC, Wegner RE, Flickinger JC, Heron DE, Zeh H, Moser AJ, Burton SA. Stereotactic body radiotherapy in the treatment of Pancreatic Adenocarcinoma in elderly patients. *Radiat Oncol.* 2013 Oct 16;8(1):240.
383. Kondziolka D, Flickinger JC, Lunsford LD. Stereotactic radiosurgery for epilepsy and functional disorders. *Neurosurg Clin N Am.* 2013 Oct;24(4):623-32.
384. Deibert CP, Ahluwalia MS, Sheehan JP, Link MJ, Hasegawa T, Yomo S, Feng WH, Li P, Flickinger JC, Lunsford LD, Kondziolka D.

- Bevacizumab for refractory adverse radiation effects after stereotactic radiosurgery. *J Neurooncol.* 2013 Nov;115(2):217-23.
385. Luther N, Kondziolka D, Kano H, Mousavi SH, Flickinger JC, Lunsford LD. Motor function after stereotactic radiosurgery for brain metastases in the region of the motor cortex. *J Neurosurg.* 2013 Sep;119(3):683-8. doi:
  386. Gerszten PC, Sahgal A, Sheehan JP, Kersh R, Chen S, Flickinger JC, Quader M, Fahim D, Grills I, Shin JH, Winey B, Oh K, Sweeney RA, Guckenberger M. A multi-national report on methods for institutional credentialing for spine radiosurgery. *Radiat Oncol.* 2013 Jun 27;8:158.
  387. Kano H, Park KJ, Kondziolka D, Iyer A, Liu X, Tonetti D, Flickinger JC, Lunsford LD. Does prior microsurgery improve or worsen the outcomes of stereotactic radiosurgery for cavernous sinus meningiomas? *Neurosurgery.* 2013 Sep;73(3):401-10.
  388. Varlotto J, Recht A, Medford-Davis LN, Flickinger JC, DeCamp M. Locoregional recurrence of early-stage surgically resected non-small-cell lung cancer: the importance of close follow-up and consistent definitions. *Ann Oncol.* 2013 Jun;24(6):1711-2.
  389. Kooshkabadi A, Lunsford LD, Tonetti D, Flickinger JC, Kondziolka D. Gamma Knife thalamotomy for tremor in the magnetic resonance imaging era. *J Neurosurg.* 2013 Apr;118(4):713-8. doi: 10.3171/2013.1.JNS121111. Epub 2013 Feb 1.
  390. Wang K, Heron DE, Clump DA, Flickinger JC, Kubicek GJ, Rwigema JC, Ferris RL, Ohr JP, Quinn AE, Ozhasoglu C, Branstetter BF. Target delineation in stereotactic body radiation therapy for recurrent head and neck cancer: a retrospective analysis of the impact of margins and automated PET-CT segmentation. *Radiother Oncol.* 2013 Jan;106(1):90-5. doi: 10.1016/j.radonc.2012.11.008. Epub 2013 Jan 1
  391. Yang H, Kano H, Kondziolka D, Niranjana A, Flickinger JC, Horowitz MB, Lunsford LD. Stereotactic radiosurgery with or without embolization for intracranial dural arteriovenous fistulas. *Prog Neurol Surg.* 2013;27:195-204. doi: 10.1159/000341796. Epub 2012 Dec 11.
  392. Monaco EA 3rd, Niranjana A, Kano H, Flickinger JC, Kondziolka D, Lunsford LD. Management of adverse radiation effects after radiosurgery for arteriovenous malformations. *Prog Neurol Surg.* 2013;27:107-18. doi: 10.1159/000341647. Epub 2012 Dec 11.
  393. Kano H, Kondziolka D, Flickinger JC, Park KJ, Iyer A, Yang HC, Liu X, Monaco EA 3rd, Niranjana A, Lunsford LD. Stereotactic radiosurgery after embolization for arteriovenous malformations. *Prog Neurol Surg.* 2013;27:89-96. doi: 10.1159/000341646. Epub 2012 Dec 11..
  394. Kano H, Kondziolka D, Flickinger JC, Park KJ, Parry PV, Yang HC, Sirin S, Niranjana A, Novotny J Jr, Lunsford LD. Multistaged volumetric management of large arteriovenous malformations. *Prog Neurol Surg.* 2013;27:73-80. doi: 10.1159/000341629. Epub 2012 Dec 11.
  395. Maruyama K, Koga T, Niranjana A, Kondziolka D, Flickinger JC, Lunsford LD. Radiosurgery for brainstem arteriovenous malformation. *Prog Neurol Surg.* 2013;27:67-72. doi: 10.1159/000341639. Epub 2012 Dec 11.
  396. Flickinger JC, Kano H, Niranjana A, Kondziolka D, Lunsford LD. Dose selection in stereotactic radiosurgery. *Prog Neurol Surg.* 2013;27:49-57.
  397. Liu X, Kano H, Kondziolka D, Park KJ, Iyer A, Shin S, Niranjana A, Flickinger JC, Lunsford LD. Gamma knife stereotactic radiosurgery for drug resistant or intolerant invasive prolactinomas. *Pituitary.* 2013 Mar;16(1):68-75.
  398. Guckenberger M, Mantel F, Gerszten PC, Flickinger JC, Sahgal A, Létourneau D, Grills IS, Jawad M, Fahim DK, Shin JH, Winey B, Sheehan J, Kersh R. Safety and efficacy of stereotactic body radiotherapy as primary treatment for vertebral metastases: a multi-institutional analysis. *Radiat Oncol.* 2014 Oct 16;9(1):226. [Epub ahead of print]
  399. Park SH, Kano H, Niranjana A, Monaco E 3rd, Flickinger JC, Lunsford LD. Gamma Knife radiosurgery for meningiomas arising from the tentorium: a 22-year experience. *J Neurooncol.* 2014 Sep 4. [Epub ahead of print]
  400. Yang HC, Kano H, Awan NR, Lunsford LD, Niranjana A, Flickinger JC, Novotny J Jr, Bhatnagar JP, Kondziolka D. Gamma Knife radiosurgery for larger-volume vestibular schwannomas: clinical article. *J Neurosurg.* 2013 Dec;119 Suppl:801-7.
  401. Kano H, Kondziolka D, Khan A, Flickinger JC, Lunsford LD. Predictors of hearing preservation after stereotactic radiosurgery for acoustic neuroma: clinical article. *J Neurosurg.* 2013 Dec;119 Suppl:863-73.
  402. Subach BR, Kondziolka D, Lunsford LD, Bissonette DJ, Flickinger JC, Maitz AH. Stereotactic radiosurgery in the management of acoustic neuromas associated with neurofibromatosis Type 2. *J Neurosurg.* 2013 Dec;119 Suppl:815-22.
  403. Pollock BE, Lunsford LD, Kondziolka D, Sekula R, Subach BR, Foote RL, Flickinger JC. Vestibular schwannoma management: Part II. Failed radiosurgery and the role of delayed microsurgery. *J Neurosurg.* 2013 Dec;119 Suppl:949-55.
  404. Lunsford LD, Niranjana A, Flickinger JC, Maitz A, Kondziolka D. Radiosurgery of vestibular schwannomas: summary of experience in 829 cases. *J Neurosurg.* 2013 Dec;119 Suppl:195-9.

405. Iyer A, Harrison G, Kano H, Weiner GM, Luther N, Niranjana A, Flickinger JC, Lunsford LD, Kondziolka D. Volumetric response to radiosurgery for brain metastasis varies by cell of origin. *J Neurosurg*. 2014 Sep;121(3):564-9. doi: 10.3171/2014.4.JNS131502. Epub 2014 May 30.
406. Kondziolka D, Patel AD, Kano H, Flickinger JC, Lunsford LD. Long-term Outcomes After Gamma Knife Radiosurgery for Meningiomas. *Am J Clin Oncol*. 2014 Apr 21. [Epub ahead of print]
407. Varlotto JM, Decamp MM, Flickinger JC, Lake J, Recht A, Belani CP, Reed MF, Toth JW, Mackley HB, Sciamanna CN, Lipton A, Ali SM, Mahraj RP, Gilbert CR, Yao N. Would screening for lung cancer benefit 75- to 84-year-old residents of the United States? *Front Oncol*. 2014 Mar 7;4:37. doi:
408. Kano H, Flickinger JC, Yang HC, Flannery TJ, Tonetti D, Niranjana A, Lunsford LD. Stereotactic radiosurgery for Spetzler-Martin Grade III arteriovenous malformations. *J Neurosurg*. 2014 Apr;120(4):973-81.
409. Gande A, Kano H, Bowden G, Mousavi SH, Niranjana A, Flickinger JC, Lunsford LD. Gamma Knife radiosurgery of olfactory groove meningiomas provides a method to preserve subjective olfactory function. *J Neurooncol*. 2014 Feb;116(3):577-83.
410. Park SH, Kano H, Niranjana A, Flickinger JC, Lunsford LD. Stereotactic radiosurgery for cerebellopontine angle meningiomas. *J Neurosurg*. 2014 Mar;120(3):708-15. doi:
411. Leeman JE, Clump DA, Flickinger JC, Mintz AH, Burton SA, Heron DE. Extent of perilesional edema differentiates radionecrosis from tumor recurrence following stereotactic radiosurgery for brain metastases. *Neuro Oncol*. 2013 Dec;15(12):1732-8. doi: 10.1093/neuonc/not130
412. Kondziolka D, Parry PV, Lunsford LD, Kano H, Flickinger JC, Rakfal S, Arai Y, Loeffler JS, Rush S, Knisely JP, Sheehan J, Friedman W, Tarhini AA, Francis L, Lieberman F, Ahluwalia MS, Linskey ME, McDermott M, Sperduto P, Stupp R. The accuracy of predicting survival in individual patients with cancer. *J Neurosurg*. 2014 Jan;120(1):24-30. doi: 10.3171/2013.9.JNS13788. Epub 2013 Oct 25.
413. Kim CH, Ling DC, Wegner RE, Flickinger JC, Heron DE, Zeh H, Moser AJ, Burton SA. Stereotactic body radiotherapy in the treatment of pancreatic adenocarcinoma in elderly patients. *Radiat Oncol*. 2013 Oct 16;8:240. doi:
414. Kondziolka D, Flickinger JC, Lunsford LD. Stereotactic radiosurgery for epilepsy and functional disorders. *Neurosurg Clin N Am*. 2013 Oct;24(4):623-32.
415. Deibert CP, Ahluwalia MS, Sheehan JP, Link MJ, Hasegawa T, Yomo S, Feng WH, Li P, Flickinger JC, Lunsford LD, Kondziolka D. Bevacizumab for refractory adverse radiation effects after stereotactic radiosurgery. *J Neurooncol*. 2013 Nov;115(2):217-23
416. Rajagopalan MS, Flickinger JC, Heron DE, Beriwal S. Changing practice patterns for breast cancer radiation therapy with clinical pathways: An analysis of hypofractionation in a large, integrated cancer center network. *Pract Radiat Oncol*. 2015 Mar-Apr;5(2):63-9.
417. Mousavi SH, Kano H, Faraji AH, Gande A, Flickinger JC, Niranjana A, Monaco E 3rd, Lunsford LD. Hearing Preservation up to 3 Years After Gamma Knife Radiosurgery for Gardner-Robertson Class I Patients With Vestibular Schwannomas. *Neurosurgery*. 2015 May;76(5):584-91.
418. Niranjana A, Kano H, Iyer A, Kondziolka D, Flickinger JC, Lunsford LD. Role of adjuvant or salvage radiosurgery in the management of unresected residual or progressive glioblastoma multiforme in the pre-bevacizumab era. *J Neurosurg*. 2015 Apr;122(4):757-65. doi: 10.3171/2014.11.JNS13295. Epub 2015 Jan 16.
419. Ling DC, Vargo JA, Wegner RE, Flickinger JC, Burton SA, Engh J, Amankulor N, Quinn AE, Ozhasoglu C, Heron DE. Postoperative stereotactic radiosurgery to the resection cavity for large brain metastases: clinical outcomes, predictors of intracranial failure, and implications for optimal patient selection. *Neurosurgery*. 2015 Feb;76(2):150-6; discussion 156-7; quiz 157.
420. Tonetti D, Kano H, Bowden G, Flickinger JC, Lunsford LD. Hemorrhage during pregnancy in the latency interval after stereotactic radiosurgery for arteriovenous malformations. *J Neurosurg*. 2014 Dec;121 Suppl:226-31.
421. Park SH, Kano H, Niranjana A, Monaco E 3rd, Flickinger JC, Lunsford LD. Gamma Knife radiosurgery for meningiomas arising from the tentorium: a 22-year experience. *J Neurooncol*. 2015 Jan;121(1):129-34.
422. Mousavi SH, Niranjana A, Huang MJ, Laghari FJ, Shin SS, Mindlin JL, Flickinger JC, Lunsford LD. Early radiosurgery provides superior pain relief for trigeminal neuralgia patients. *Neurology*. 2015 Nov 11. pii: 10.1212/WNL.0000000000002216. [Epub ahead of print]
423. Chapman BV, Rajagopalan MS, Heron DE, Flickinger JC, Beriwal S. Clinical Pathways: A Catalyst for the Adoption of Hypofractionation for Early-Stage Breast Cancer. *Int J Radiat Oncol Biol Phys*. 2015 Nov 15;93(4):854-61. doi: 10.1016/j.ijrobp.2015.08.013. Epub 2015 Aug 7. .

424. Gebhardt BJ, Rajagopalan MS, Gill BS, Heron DE, Rakfal SM, Flickinger JC, Beriwal S. Impact of dynamic changes to a bone metastases pathway in a large, integrated, National Cancer Institute-designated comprehensive cancer center network. *Pract Radiat Oncol*. 2015 Nov Dec;5(6):398-405. doi: 10.1016/j.pro.2015.06.013. Epub 2015 Jul 4.
425. Gill BS, Flickinger JC, Beriwal S. Caveat for Immortal Time Bias in Adjuvant Therapy-Related Population-Based Analyses. *J Clin Oncol*. 2015 Sep 10;33(26):2931. doi: 10.1200/JCO.2015.62.3306. Epub 2015 Jul 27.
426. Harrison G, Kano H, Lunsford LD, Flickinger JC, Kondziolka D. Quantitative tumor volumetric responses after Gamma Knife radiosurgery for meningiomas. *J Neurosurg*. 2015 Jul 10:1-9. [Epub ahead of print]
427. Ares WJ, Tonetti D, Yu JY, Monaco EA, Flickinger JC, Lunsford LD. Gamma Knife Radiosurgery for Uveal Metastases: Report of three cases and a review of the literature. *Am J Ophthalmol*. 2016 Nov 23. pii: S0002-9394(16)30569-4.
428. Mousavi SH, Niranjana A, Akpınar B, Huang M, Kano H, Tonetti D, Flickinger JC, Dade Lunsford L. Hearing subclassification may predict long-term auditory outcomes after radiosurgery for vestibular schwannoma patients with good hearing. *J Neurosurg*. 2016 Oct;125(4):845-852.
429. Kondziolka D, Patel AD, Kano H, Flickinger JC, Lunsford LD. Long-term Outcomes After Gamma Knife Radiosurgery for Meningiomas. *Am J Clin Oncol*. 2016 Oct;39(5):453-7.
430. Hashmi A, Guckenberger M, Kersh R, Gerszten PC, Mantel F, Grills IS, Flickinger JC, Shin JH, Fahim DK, Winey B, Oh K, John Cho BC, Létourneau D, Sheehan J, Sahgal A. Re-irradiation stereotactic body radiotherapy for spinal metastases: a multi-institutional outcome analysis. *J Neurosurg Spine*. 2016 Nov;25(5):646-653.
431. Mousavi SH, Akpınar B, Niranjana A, Agarwal V, Cohen J, Flickinger JC, Kondziolka D, Lunsford LD. The clinical significance of persistent trigeminal nerve contrast enhancement in patients who undergo repeat radiosurgery. *J Neurosurg*. 2016 Jul 29:1-7. [Epub ahead of print]
432. Zwagerman NT, McDowell MM, Hamilton RL, Monaco EA 3rd, Flickinger JC, Gerszten PC. Histopathological examination of spine tumors after treatment with radiosurgery. *Neurosurg Focus*. 2016 Aug;41(2):E14.
433. Akpınar B, Mousavi SH, McDowell MM, Niranjana A, Faraji AH, Flickinger JC, Lunsford LD. Early Radiosurgery Improves Hearing Preservation in Vestibular Schwannoma Patients With Normal Hearing at the Time of Diagnosis. *Int J Radiat Oncol Biol Phys*. 2016 Jun 1;95(2):729-34.
434. Huang MJ, Kano H, Mousavi SH, Niranjana A, Monaco EA 3rd, Arai Y, Flickinger JC, Lunsford LD. Stereotactic radiosurgery for recurrent vestibular schwannoma after previous resection. *J Neurosurg*. 2016 Jul 29:1-8. [Epub ahead of print]
435. Toussaint A, Richter A, Mantel F, Flickinger JC, Grills IS, Tyagi N, Sahgal A, Letourneau D, Sheehan JP, Schlesinger DJ, Gerszten PC, Guckenberger M. Variability in spine radiosurgery treatment planning - results of an international multi-institutional study. *Radiat Oncol*. 2016 Apr 18;11:57.
436. Quan K, Xu KM, Zhang Y, Clump DA, Flickinger JC, Lalonde R, Burton SA, Heron DE. Toxicities Following Stereotactic Ablative Radiotherapy Treatment of Locally-Recurrent and Previously Irradiated Head and Neck Squamous Cell Carcinoma. *Semin Radiat Oncol*. 2016 Apr;26(2):112-9.
437. Harrison G, Kano H, Lunsford LD, Flickinger JC, Kondziolka D. Quantitative tumor volumetric responses after Gamma Knife radiosurgery for meningiomas. *J Neurosurg*. 2016 Jan;124(1):146-54. doi: 10.3171/2014.12.JNS141341.
438. Jawad MS, Fahim DK, Gerszten PC, Flickinger JC, Sahgal A, Grills IS, Sheehan J, Kersh R, Shin J, Oh K, Mantel F, Guckenberger M; , on behalf of the Elekta Spine Radiosurgery Research Consortium.. Vertebral compression fractures after stereotactic body radiation therapy: a large, multi-institutional, multinational evaluation. *J Neurosurg Spine*. Jun 2016;24(6):928-36. doi:
439. Gogineni E, Vargo JA, Glaser SM, Flickinger JC, Burton SA, Engh JA, Amankulor NM, Beriwal S, Quinn AE, Ozhasoglu C, Heron DE. Long-Term Survivorship Following Stereotactic Radiosurgery Alone for Brain Metastases: Risk of Intracranial Failure and Implications for Surveillance and Counseling. *Neurosurgery*. 2017 Aug 28. doi: 10.1093/neuros/nyx376. [Epub ahead of print]
440. Roesch J, Cho JBC, Fahim DK, Gerszten PC, Flickinger JC, Grills IS, Jawad M, Kersh R, Letourneau D, Mantel F, Sahgal A, Shin JH, Winey B, Guckenberger M. Risk for surgical complications after previous stereotactic body radiotherapy of the spine. *Radiat Oncol*. 2017 Sep 11;12(1):153. doi: 10.1186/s13014-017-0887-8.
441. Raju SS, Niranjana A, Monaco III EA, Flickinger JC, Lunsford LD. Stereotactic Radiosurgery for Intractable Tremor-Dominant Parkinson Disease: A Retrospective Analysis. *Stereotact Funct Neurosurg*. 2017;95(5):291-297. doi: 10.1159/000479236. Epub 2017 Sep 2.
442. Niranjana A, Flickinger JC. Dose fractionated gamma knife radiosurgery for large arteriovenous malformations. *Neurol India*. 2017 Jul-Aug;65(4):697-698. doi: 10.4103/neuroindia.NI\_518\_17.
443. Tonetti DA, Gross BA, Atcheson KM, Jankowitz BT, Kano H, Monaco EA 3rd, Niranjana A, Flickinger JC, Lunsford LD. The benefit of radiosurgery for ARUBA-eligible arteriovenous malformations: a practical analysis over an appropriate follow-up period. *J Neurosurg*. 2017 Jun 30:1-5. doi: 10.3171/2017.1.JNS162962. [
444. Raju SS, Niranjana A, Monaco EA 3rd, Flickinger JC, Lunsford LD. Stereotactic radiosurgery for medically refractory multiple sclerosis-related tremor. *J Neurosurg*. 2017 Jun 30:1-8. doi: 10.3171/2017.1.JNS162512. [Epub ahead of print]
445. Glaser SM, Dohopolski MJ, Balasubramani GK, Flickinger JC, Beriwal S. Glioblastoma multiforme (GBM) in the elderly: initial treatment strategy and overall survival. *J Neurooncol*. 2017 Aug;134(1):107-118. doi: 10.1007/s11060-017-2493-x. Epub 2017 May 19
446. Cohen J, Mousavi SH, Faraji AH, Akpınar B, Monaco EA, Flickinger JC, Niranjana A, Lunsford LD. Stereotactic Radiosurgery as Initial Surgical Management for Elderly Patients with Trigeminal Neuralgia. *Stereotact Funct Neurosurg*. 2017;95(3):158-165. doi: 10.1159/000468526. Epub 2017 May 13.
447. Niranjana A, Raju SS, Monaco EA 3rd, Flickinger JC, Lunsford LD. Is staged bilateral thalamic radiosurgery an option for otherwise surgically ineligible patients with medically refractory bilateral tremor? *J Neurosurg*. 2017 Apr 7:1-10. doi: 10.3171/2016.11.JNS162044. [Epub ahead of print]
448. Niranjana A, Raju SS, Kooshkabi A, Monaco E 3rd, Flickinger JC, Lunsford LD. Stereotactic radiosurgery for essential tremor: Retrospective analysis of a 19-year experience. *Mov Disord*. 2017 May;32(5):769-777. doi: 10.1002/mds.26925. Epub 2017 Mar 20.



449. Mousavi SH, Niranjana A, Akpınar B, Monaco EA 3rd, Cohen J, Bhatnagar J, Chang YF, Kano H, Huq S, Flickinger JC, Dade Lunsford L. A proposed plan for personalized radiosurgery in patients with trigeminal neuralgia. *J Neurosurg*. 2017 Feb 17;1-8. doi: 10.3171/2016.10.JNS16747. [Epub ahead of print]
450. Kano H, Morales-Restrepo A, Iyer A, Weiner GM, Mousavi SH, Kirkwood JM, Tarhini AA, Flickinger JC, Lunsford LD. Comparison of prognostic indices in patients who undergo melanoma brain metastasis radiosurgery. *J Neurosurg*. 2017 Jan 20;1-9. doi: 10.3171/2016.9.JNS161011. [Epub ahead of print]
451. Monserrate A, Zussman B, Ozpinar A, Niranjana A, Flickinger JC, Gerszten PC. Stereotactic radiosurgery for intradural spine tumors using cone-beam CT image guidance. *Neurosurg Focus*. 2017 Jan;42(1):E11. doi: 10.3171/2016.9.FOCUS16356.
452. Kano H, Flickinger JC, Tonetti D, Hsu A, Yang HC, Flannery TJ, Niranjana A, Lunsford LD. Estimating the Risks of Adverse Radiation Effects After Gamma Knife Radiosurgery for Arteriovenous Malformations. *Stroke*. 2017 Jan;48(1):84-90. doi: 10.1161/STROKEAHA.116.014825. Epub 2016 Nov 29.
453. Faraji AH, Tonetti DA, Flickinger JC, Engh JA. Alteration of the Ki-67 Proliferative Index following Surgical Resection with or without Radiation Therapy of Intracranial Meningiomas. *Cureus*. 2017 Nov 23;9(11):e1873.
454. Niranjana A, Raju SS, Monaco EA, Flickinger JC, Lunsford LD. Is staged bilateral thalamic radiosurgery an option for otherwise surgically ineligible patients with medically refractory bilateral tremor? *J Neurosurg*. 2018 Feb;128(2):617-626. doi: 10.3171/2016.11.JNS162044. Epub 2017 Apr 7.
455. Niranjana A, Raju SS, Kooshkabi A, Monaco E 3rd, Flickinger JC, Lunsford LD. Stereotactic radiosurgery for essential tremor: Retrospective analysis of a 19-year experience. *Mov Disord*. 2017 May;32(5):769-777. doi: 10.1002/mds.26925. Epub 2017 Mar 20.
456. Mousavi SH, Niranjana A, Akpınar B, Monaco EA, Cohen J, Bhatnagar J, Chang YF, Kano H, Huq S, Flickinger JC, Dade Lunsford L. A proposed plan for personalized radiosurgery in patients with trigeminal neuralgia. *J Neurosurg*. 2018 Feb;128(2):452-459. doi: 10.3171/2016.10.JNS16747. Epub 2017 Feb 17.
457. Kano H, Morales-Restrepo A, Iyer A, Weiner GM, Mousavi SH, Kirkwood JM, Tarhini AA, Flickinger JC, Lunsford LD. Comparison of prognostic indices in patients who undergo melanoma brain metastasis radiosurgery. *J Neurosurg*. 2018 Jan;128(1):14-22. doi: 10.3171/2016.9.JNS161011. Epub 2017 Jan 20.
458. Monserrate A, Zussman B, Ozpinar A, Niranjana A, Flickinger JC, Gerszten PC. Stereotactic radiosurgery for intradural spine tumors using cone-beam CT image guidance. *Neurosurg Focus*. 2017 Jan;42(1):E11.
459. Kano H, Flickinger JC, Tonetti D, Hsu A, Yang HC, Flannery TJ, Niranjana A, Lunsford LD. Estimating the Risks of Adverse Radiation Effects After Gamma Knife Radiosurgery for Arteriovenous Malformations. *Stroke*. 2017 Jan;48(1):84-90. doi: 10.1161/STROKEAHA.116.014825.
460. Ares WJ, Tonetti D, Yu JY, Monaco EA, Flickinger JC, Lunsford LD. Gamma Knife Radiosurgery for Uveal Metastases: Report of Three Cases and a Review of the Literature. *Am J Ophthalmol*. 2017 Feb;174:169-174. doi: 10.1016/j.ajo.2016.11.009. Epub 2016 Nov 23. Review.
461. Huang MJ, Kano H, Mousavi SH, Niranjana A, Monaco EA 3rd, Arai Y, Flickinger JC, Lunsford LD. Stereotactic radiosurgery for recurrent vestibular schwannoma after previous resection. *J Neurosurg*. 2017 May;126(5):1506-1513. doi: 10.3171/2016.5.JNS1645. Epub 2016 Jul 29.
462. Mousavi SH, Akpınar B, Niranjana A, Agarwal V, Cohen J, Flickinger JC, Kondziolka D, Lunsford LD. The clinical significance of persistent trigeminal nerve contrast enhancement in patients who undergo repeat radiosurgery. *J Neurosurg*. 2017 Jul;127(1):219-225. doi: 10.3171/2016.5.JNS16111. Epub 2016 Jul 13.
463. Niranjana A, Kashkoush A, Kano H, Monaco EA, Flickinger JC, Lunsford LD. Seizure control after radiosurgery for cerebral arteriovenous malformations: a 25-year experience. *J Neurosurg*. 2018 Dec 14;1-10. doi: 10.3171/2018.7.JNS18304. [Epub ahead of print].
464. Faramand AM, Kano H, Johnson S, Niranjana A, Flickinger JC, Lunsford LD. CT versus MR Imaging in Estimating Cochlear Radiation Dose during Gamma Knife Surgery for Vestibular Schwannomas. *AJNR Am J Neuroradiol*. 2018 Oct;39(10):1907-1911. doi: 10.3174/ajnr.A5808. Epub 2018 Sep 13.
465. Faramand A, Kano H, Flickinger JC, Gardner P, Lunsford LD. A Case of Symptomatic Granular Cell Tumor of the Pituitary Treated with Stereotactic Radiosurgery. *Stereotact Funct Neurosurg*. 2018;96(3):197-203. doi: 10.1159/000489221. Epub 2018 Jul 25.
466. Kano H, Flickinger JC, Nakamura A, Jacobs RC, Tonetti DA, Lehoccky C, Park KJ, Yang HC, Niranjana A, Lunsford LD. How to improve obliteration rates during volume-staged stereotactic radiosurgery for large arteriovenous malformations. *J Neurosurg*. 2018 Jul 1;1-8. doi: 10.3171/2018.2.JNS172964. [Epub ahead of print]
467. Park KJ, Kano H, Iyer A, Liu X, Tonetti DA, Lehoccky C, Faramand A, Niranjana A, Flickinger JC, Kondziolka D, Lunsford LD. Gamma Knife stereotactic radiosurgery for cavernous sinus meningioma: long-term follow-up in 200 patients. *J Neurosurg*. 2018 Jul 1;1-10. doi: 10.3171/2018.2.JNS172361. [Epub ahead of print]
468. Varlotto JM, McKie K, Voland RP, Flickinger JC, DeCamp MM, Maddox D, Rava PS, Fitzgerald TJ, Walsh W, Oliveira P, Rassaei N, Baima J, Uy K. The Role of Race and Economic Characteristics in the Presentation and Survival of Patients With Surgically Resected Non-Small Cell Lung Cancer. *Front Oncol*. 2018 May 14;8:146. doi: 10.3389/fonc.2018.00146. eCollection 2018.
469. Kalash R, Glaser SM, Flickinger JC, Burton S, Heron DE, Gerszten PC, Engh JA, Amankulor NM, Vargo JA. Stereotactic body radiation therapy for benign spine tumors: is dose de-escalation appropriate? *J Neurosurg Spine*. 2018 Aug;29(2):220-225. doi: 10.3171/2017.12.SPINE17920. Epub 2018 May 25.
470. Faramand A, Kano H, Niranjana A, Johnson SA, Hassib M, Park KJ, Arai Y, Flickinger JC, Lunsford LD. Cranial nerve outcomes after primary stereotactic radiosurgery for symptomatic skull base meningiomas. *J Neurooncol*. 2018 Sep;139(2):341-348. doi: 10.1007/s11060-018-2866-9. Epub 2018 Apr 24.
471. Ling DC, Flickinger JC, Burton SA, Heron DE, Quinn AE, Bejjani GK, Engh JA, Gerszten PC, Amankulor NM, Vargo JA. Long-Term Outcomes After Stereotactic Radiosurgery for Spine Metastases: Radiation Dose-Response for Late Toxicity. *Int J Radiat Oncol Biol Phys*. 2018 Jul 1;101(3):602-609. doi: 10.1016/j.ijrobp.2018.02.035. Epub 2018 Mar 6.
472. Tonetti DA, Gross BA, Jankowitz BT, Kano H, Monaco EA, Niranjana A, Flickinger JC, Lunsford LD. Reconsidering an important subclass of high-risk dural arteriovenous fistulas for stereotactic radiosurgery. *J Neurosurg*. 2018 Mar 1;1-5. doi: 10.3171/2017.10.JNS171802. [Epub ahead of print]
473. Milano MT, Grimm J, Soltys SG, Yorke E, Moiseenko V, Tomé WA, Sahgal A, Xue J, Ma L, Solberg TD, Kirkpatrick JP, Constine LS, Flickinger JC, Marks LB, El Naqa I. Single- and Multi-Fraction Stereotactic Radiosurgery Dose Tolerances of the Optic Pathways. *Int J Radiat Oncol Biol Phys*. 2018 Jan 31. pii: S0360-3016(18)30125-1. doi: 10.1016/j.ijrobp.2018.01.053. [Epub ahead of print]

474. Varlotto JM, Voland R, McKie K, Flickinger JC, DeCamp MM, Maddox D, Rava P Fitzgerald TJ, Graeber G, Rassaei N, Oliveira P, Ali S, Belani C, Glanzman J, Wakelee HA, Patel M, Baima J, Zhang J, Walsh W. Population-based differences in the outcome and presentation of lung cancer patients based upon racial, histologic, and economic factors in all lung patients and those with metastatic disease. *Cancer Med*. 2018 Apr;7(4):1211-1220. doi: 10.1002/cam4.1430. Epub 2018 Mar 13.
475. Niranjana A, Monaco EA III, Kano H, Flickinger JC, Lunsford LD. Stereotactic Radiosurgery in the Multimodality Management of Residual or Recurrent Glioblastoma Multiforme. *Prog Neurol Surg*. 2018;31:48-61. doi: 10.1159/000466998. Epub 2018 Jan 25. Review.
476. Gogineni E, Vargo JA, Glaser SM, Flickinger JC, Burton SA, Engh JA, Amankulor NM, Beriwal S, Quinn AE, Ozhasoglu C, Heron DE. Long-Term Survivorship Following Stereotactic Radiosurgery Alone for Brain Metastases: Risk of Intracranial Failure and Implications for Surveillance and Counseling. *Neurosurgery*. 2018 Aug 1;83(2):203-209. doi: 10.1093/neuros/nyx376.
477. Tonetti DA, Gross BA, Atcheson KM, Jankowitz BT, Kano H, Monaco EA, Niranjana A, Flickinger JC, Lunsford LD. The benefit of radiosurgery for ARUBA-eligible arteriovenous malformations: a practical analysis over an appropriate follow-up period. *J Neurosurg*. 2018 Jun;128(6):1850-1854. doi: 10.3171/2017.1.JNS162962. Epub 2017 Jun 30.
478. Raju SS, Niranjana A, Monaco EA, Flickinger JC, Lunsford LD. Stereotactic radiosurgery for medically refractory multiple sclerosis-related tremor. *J Neurosurg*. 2018 Apr;128(4):1214-1221. doi: 10.3171/2017.1.JNS162512. Epub 2017 Jun 30.
479. Niranjana A, Raju SS, Monaco EA, Flickinger JC, Lunsford LD. Is staged bilateral thalamic radiosurgery an option for otherwise surgically ineligible patients with medically refractory bilateral tremor? *J Neurosurg*. 2018 Feb;128(2):617-626. doi: 10.3171/2016.11.JNS162044. Epub 2017 Apr 7.
480. Mousavi SH, Niranjana A, Akpınar B, Monaco EA, Cohen J, Bhatnagar J, Chang YF, Kano H, Huq S, Flickinger JC, Dade Lunsford L. A proposed plan for personalized radiosurgery in patients with trigeminal neuralgia. *J Neurosurg*. 2018 Feb;128(2):452-459. doi: 10.3171/2016.10.JNS16747. Epub 2017 Feb 17.
481. Kano H, Morales-Restrepo A, Iyer A, Weiner GM, Mousavi SH, Kirkwood JM, Tarhini AA, Flickinger JC, Lunsford LD. Comparison of prognostic indices in patients who undergo melanoma brain metastasis radiosurgery. *J Neurosurg*. 2018 Jan;128(1):14-22. doi: 10.3171/2016.9.JNS161011. Epub 2017 Jan 20.
482. Goldschmidt E, Fellows-Mayle W, Paschel EE, Niranjana A, Flickinger JC, Lunsford LD, Gerszten PC. Evaluation of Clinical and Histologic Effects of High-Dose Radiosurgery on Rat Dorsal Root Ganglion. *World Neurosurg*. 2018 Dec 27:S1878-8750(18)32905-X. doi: 10.1016/j.wneu.2018.12.082. Epub ahead of print. PMID: 30593969.
483. Niranjana A, Raju SS, Monaco EA, Flickinger JC, Lunsford LD. Is staged bilateal thalamic radiosurgery an option for otherwise surgically ineligible patients with medically refractory bilateral tremor? *J Neurosurg*. 2018 Feb;128(2):617-626. doi: 10.3171/2016.11.JNS162044. Epub 2017 Apr 7. PMID: 28387629.
484. Johnson S, Kano H, Faramand A, Pease M, Nakamura A, Hassib M, Spencer D, Sisterson N, Faraji AH, Arai Y, Monaco E, Niranjana A, Flickinger JC, Lunsford LD. Long term results of primary radiosurgery for vestibular schwannomas. *J Neurooncol*. 2019 Nov;145(2):247-255. doi: 10.1007/s11060-019-03290-0. Epub 2019 Sep 18. PMID: 31535315.
485. Johnson S, Kano H, Faramand A, Niranjana A, Flickinger JC, Lunsford LD. Predicting hearing outcomes before primary radiosurgery for vestibular schwannomas. *J Neurosurg*. 2019 Sep 6:1-7. doi: 10.3171/2019.5.JNS182765. Epub ahead of print. PMID: 31491764.
486. Lunsford LD, Niranjana A, Kano H, Monaco Iii EA, Flickinger JC. Leksell Stereotactic Radiosurgery for Cavernous Malformations. *Prog Neurol Surg*. 2019;34:260-266. doi: 10.1159/000493072. Epub 2019 May 16. PMID: 31096254.
487. Faramand A, Kano H, Niranjana A, Park KJ, Flickinger JC, Lunsford LD. Tumor Control and Cranial Nerve Outcomes After Adjuvant Radiosurgery for Low-Grade Skull Base Meningiomas. *World Neurosurg*. 2019 Jul;127:e221-e229. doi: 10.1016/j.wneu.2019.03.052. Epub 2019 Mar 14. PMID: 30880202.
488. Ares WJ, Flickinger JC, Lunsford LD. Leksell Radiosurgery for Orbital, Uveal, and Choroidal Tumors. *Prog Neurol Surg*. 2019;34:298-305. doi: 10.1159/000493077. Epub 2019 May 16. PMID: 31096229.
489. Lunsford LD, Niranjana A, Flickinger JC. The First North American Clinical Gamma Knife Center. *Prog Neurol Surg*. 2019;34:9-18. doi: 10.1159/000493045. Epub 2019 May 16. PMID: 31096232.
490. Foerster R, Cho BCJ, Fahim DK, Gerszten PC, Flickinger JC, Grills IS, Jawad MS, Kersh CR, Létourneau D, Mantel F, Sahgal A, Shin JH, Winey BA, Guckenberger M. Histopathological Findings After Reirradiation Compared to First Irradiation of Spinal Bone Metastases With Stereotactic Body Radiotherapy: A Cohort Study. *Neurosurgery*. 2019 Feb 1;84(2):435-441. doi: 10.1093/neuros/nyy059. PMID: 29547929.
491. Albano L, Losa M, Flickinger JC, Mortini P, Minniti G. Radiotherapy of parasellar tumours. *Neuroendocrinology*. 2020 Mar 4. doi: 10.1159/000506902. Epub ahead of print. PMID: 32126559.
492. Varlotto JM, Emmerick I, Voland R, DeCamp MM, Flickinger JC, Maddox DJ, Herbert C, Griffin M, Rava P, Fitzgerald TJ, Oliveira P, Baima J, Sood R, Walsh W, McIntosh LJ, Lou F, Maxfield M, Rassaei N, Uy K. The Incidence of Node-Positive Non-small-Cell Lung Cancer Undergoing Sublobar Resection and the Role of Radiation in Its Management. *Front Oncol*. 2020 May 26;10:417. doi: 10.3389/fonc.2020.00417. PMID: 32528866; PMCID: PMC7264374.
493. Goldschmidt E, Fellows-Mayle W, Wolfe R, Niranjana A, Flickinger JC, Lunsford LD, Gerszten PC. Radiosurgery to the spinal dorsal root ganglion induces fibrosis and inhibits satellite glial cell activation while preserving axonal neurotransmission. *J Neurosurg Spine*. 2020 Jan 31:1-9. doi: 10.3171/2019.11.SPINE191176. Epub ahead of print. PMID: 32005015.

494.

## TEXTBOOK CHAPTERS AND INVITED PUBLICATIONS

1. Straub WH, Flickinger JC: Staging prostate cancer. in: Manual of Diagnostic Imaging. Straub WH, Ed. 2nd ed. Boston, Little Brown 1989, pp. 290-293.
2. Straub WH, Flickinger JC: Staging bladder cancer. in: Manual of Diagnostic Imaging. Straub WH, Ed. 2nd ed. Boston, Little Brown 1989, pp. 294-295.
3. Straub WH, Flickinger JC: Staging in testicular cancer. in: Manual of Diagnostic Imaging. Straub WH, Ed. 2nd ed. Boston, Little Brown 1989, pp. 296-299.
4. Flickinger JC, Bloomer WD, Kinsella TJ: Intestinal tolerance of radiation injury. In Radiation Enteritis. Gallan RB, Spencer J, Eds. London, Edward Arnold, 1990, pp. 49-65.
5. Kondziolka D, Lunsford LD, Flickinger JC. Controversies in the management of multiple brain metastases: the roles of radiosurgery and radiation therapy. Forum (Genova). 2001 Jan-Mar;11(1):47-58. Review.
6. Flickinger JC, Lunsford LD, Kondziolka D: Assessment of integrated logistic tolerance predictions for radiosurgery with the gamma knife in radiosurgery. In Radiosurgery: Baseline and Trends. Steiner L, Ed. New York, Raven Press pp. 15-21, 1992.
7. Lunsford LD, Kondziolka D, Flickinger JC, Bissonette DJ: Factors associated with success or complications in AVM radiosurgery. In Lunsford LD (ed.), Stereotactic Radiosurgery Update, Elsevier, pp. 117-122, 1992.
8. Flickinger JC, Lunsford LD, Kondziolka D, Maitz AH: An analysis of factors associated with the development of neurodiagnostic imaging changes after gamma knife radiosurgery. In Lunsford LD (ed.), Stereotactic Radiosurgery Update, Elsevier, pp. 185-194, 1992.
9. Kondziolka D, Lunsford LD, Claassen D, Maitz AH, Flickinger JC: Development of a malignant brain tumor (rat glioma) model for assessing radiosurgical dosimetry in vivo. In Lunsford LD (ed.), Stereotactic Radiosurgery Update, Elsevier, pp. 277-280, 1992.
10. Kondziolka D, Lunsford LD, Altschuler EM, Martinez AJ, Wu A, Flickinger JC: Biological effects of stereotactic radiosurgery in the normal primate brainstem. In Lunsford LD (ed.), Stereotactic Radiosurgery Update, Elsevier, pp. 291-294, 1992.
11. Maitz AH, Kalend AM, Flickinger JC, Lunsford LD, Kondziolka DS, Wu A, Bloomer WD: Verification criteria for determining the accuracy of the dose delivery system as compared with the treatment planning system. In Lunsford LD (ed.), Stereotactic Radiosurgery Update, Elsevier, pp. 239-242, 1992.

12. Linskey ME, Lunsford LD, Flickinger JC: Stereotactic radiosurgery for acoustic nerve sheath tumors: Three year experience. In Lunsford LD (ed.), *Stereotactic Radiosurgery Update*, Elsevier, pp. 321-334, 1992.
13. Kondziolka DS, Lunsford LD, Flickinger JC: Stereotactic radiosurgery of meningiomas. In Lunsford LD (ed.), *Stereotactic Radiosurgery Update*, Elsevier, pp. 343-351, 1992.
14. Dempsey PK, Kondziolka D, Lunsford LD, Coffey RJ, Flickinger JC: The role of stereotactic radiosurgery in the treatment of glial tumors. In Lunsford LD (ed.), *Stereotactic Radiosurgery Update*, Elsevier, pp. 407-410, 1992.
15. Kalend AM, Wu A, Maitz AH, Flickinger JC, Lunsford LD, Saibon F, Yum GC, Bloomer WD: Treatment planning algorithm for the gamma knife stereotactic radiosurgery. In Lunsford LD (ed.), *Stereotactic Radiosurgery Update*, Elsevier, pp. 407-410, 1992.
16. Lunsford LD, Linskey ME, Flickinger JC: Stereotactic radiosurgery for acoustic nerve sheath tumors. In Tos M, Thomsen J (eds.): *Proceeding of the First International Acoustic Neuroma Conference*, Copenhagen Denmark, Kluger Publication, pp. 279-287, 1992.
17. Lotze MT, Flickinger JC, Carr BI: Hepatobiliary neoplasms. In DeVita VT, Hellman S, Rosenberg SA, (eds.): *Cancer: Principles & Practice of Oncology*, 4th ed. , 1993.
18. Flickinger JC: Dosimetry and dose volume consideration in radiosurgery. In Alexander E, Lunsford LD, Loeffler JS (eds.): *Stereotactic Radiosurgery*, McGraw-Hill, pp. 31-92, 1993.
19. Larson DA, Flickinger JC, Loeffler JS: The radiobiology of radiosurgery. *Int J Radiat Oncol Biol Phys* 25:557-561, 1993.
20. Lunsford LD, Kondziolka D, Flickinger JC, Duma C, Maitz AH, Bissonette DJ, Wu A: The role of stereotactic radiosurgery for cerebral neoplasms. *Neurosurgeons. Proceedings of The Japanese Congress of Neurological Surgery*, pp. 231-237, 1992.
21. Lunsford LD, Kondziolka D, Flickinger JC, Duma C, Maitz AH, Bissonette DJ, Wu A: Stereotactic radiosurgery for vascular malformations of the brain. *Neurosurgeons*, 1992. *Proceedings of The Japanese Congress of Neurological Surgery*, pp. 288-296, 1992.
22. Larson DA, Flickinger JC, Loeffler JS: Stereotactic radiosurgery: Techniques and results. *Principles & Practice of Oncology Updates* 7(4) 1-13, April, 1993, Lippincott.
23. Flickinger JC, Lunsford LD, Kondziolka D: Radiosurgical dosimetry: Principles and clinical implications. *Stereotactic Surgery and Radiosurgery*, pp. 293-306, 1993.
24. Lunsford LD, Kondziolka D, Flickinger JC, Duma C, Maitz AH, Bissonette DJ, Wu A: The role of stereotactic radiosurgery for cerebral neoplasms. *Neurosurgeons* 12:143-149, 1993
25. Lunsford LD, Kondziolka D, Flickinger JC, Bissonette DJ, Maitz AH, Wu A: Stereotactic

radiosurgery of brain vascular malformations of the brain. *Neurosurgeons* 12:171-181, 1993 .

26. Lunsford LD, Kondziolka D, Flickinger JC: No access surgery: The gamma knife. *Surgical Technology International* 3:489-492, 1994.
27. Kondziolka D, Lunsford LD, Flickinger JC: Gamma knife stereotactic for cerebral vascular malformations. In Alexander E, Loeffler JS, Lunsford LD (eds.): *Stereotactic Radiosurgery*. New York, McGraw Hill, pp. 136-146, 1993.
28. Kondziolka D, Lunsford LD, Linskey M, Flickinger JC: Skull base radiosurgery. In Alexander E, Loeffler JS, Lunsford LD (eds.): *Stereotactic Radiosurgery*. New York, McGraw Hill, pp. 175-188, 1993.
29. Flickinger JC, Lunsford LD, Kondziolka D: Stereotactic radiosurgery. In Mauch P, Loeffler J (eds.): *Radiation Oncology: Technology and Biology*. W.B. Saunders, pp. 198-215, 1994.
30. Lunsford LD, Flickinger JC: Stereotactic radiosurgery for patients with bilateral acoustic tumors. In Al-Mefty O (ed.), *Controversies in Neurosurgery*, Thieme Medical Publishers, Inc. 1995 .
31. Kondziolka D, Lunsford LD, Flickinger JC: Radiosurgery for benign intracranial tumors. In *Minimally Invasive Techniques in Neurosurgery: Concepts in Neurosurgery Congress of Neurological Surgeons publications*, pp 144-153, 1995
32. Kondziolka D, Lunsford LD, Flickinger JC: Radiosurgery of benign intracranial tumors. In *Concepts in Neurosurgery: Minimally Invasive Techniques in Neurosurgery, Congress of Neurological Surgeons publications* pp. 144-153, 1995.
33. Flickinger JC, Lunsford LD, Kondziolka D: Radiosurgical dosimetry: Principles and clinical implications. In DeSalles AF, Goetsch S (eds.): *Stereotactic Surgery and Radiosurgery*, Medical Physics Publishing, pp. 293-306, 1993.
34. Lunsford LD, Pollock BE, Kondziolka D, Levine G, Flickinger JC: Stereotactic options in the management of craniopharyngioma. In Epstein F: *Craniopharyngiomas: The Answer, Pediatric Neurosurgery* 21 (suppl 1):90-97, 1994.
35. Flickinger JC, Levine J, Lunsford LD: Radioisotopes and radiophysics. In Gildenberg PL and Tasker RR (eds.): *Textbook of Stereotactic and Functional Neurosurgery*, McGraw-Hill, *Textbook of Stereotactic and Functional*
36. Flickinger JC, Rush SC: Linear accelerator radiotherapy of pituitary adenomas. In Landolt AM, Vance, Reilly (eds.): *Pituitary Adenomas - Biology, Diagnosis and Treatment*). Churchill Livingstone, Edinburgh UK 475-483, 1996.
37. Flickinger JC, Kondziolka D, Lunsford LD: Radiosurgery of benign lesions. *Seminars in Radiation Oncology* 5:220-224, 1995.

38. Faul C, Flickinger JC: The use of radiation in the management of spinal metastases. *Journal of Neuro-Oncology* 23:149-161, 1995.
39. Kondziolka D, Lunsford LD, Flickinger JC: Radiosurgery of benign intracranial tumors, in *Concepts in Neurosurgery: Minimally Invasive Techniques in Neurosurgery*, Congress of Neurological Surgeons publications p 144-153, 1995.
40. Lunsford LD, Pollock BE, Kondziolka D, Levine G, Flickinger JC: Stereotactic options in the management of craniopharyngioma, in Epstein F (ed): *Craniopharyngioma: The Answer*. *Pediatric Neurosurgery* 21 (suppl 1):90-97, 1994.
41. Lunsford LD, Kondziolka D, Pollock BE, Maitz A, Flickinger JC: Gamma knife stereotactic radiosurgery for acoustic tumors: What we have learned, in *Neurosurgeons, Japanese Congress of Neurological Surgeons proceedings*, Sendai, 1994.
42. Lunsford LD, Pollock BE, Kondziolka D, Maitz A, Flickinger JC. Stereotactic radiosurgery for brain tumors, in Tamaki N (ed), *Clinical Neuroscience - Advancement in Neurobiological Diagnosis and Treatment*, Medicus Publishing, Osaka Japan, 1994, pp 252-262.
43. Flickinger JC, Kondziolka D, Lunsford LD: Radiosurgery of brain metastases. Lotze MT and Rubin JS (eds.) In *Regional Therapy of Advanced Cancer*. J.B. Lippincott 1997, pp 187-193.
44. Flickinger JC, Meisel A, Kondziolka D, Lunsford LD: Informed consent for radiosurgery. Kondziolka D and Alexander E (eds.). In *Radiosurgery* 1:253-260, 1995. Carver Publishing.
45. Flickinger JC, Kondziolka D, Kalend AM, Maitz AH, Lunsford LD: Radiosurgery-related imaging changes in surrounding brain: multivariate analysis and model evaluation. Kondziolka D and Alexander E (eds.). In *Radiosurgery* 1:229-236, 1995. Carver Publishing.
46. Flickinger JC, Kondziolka D, Pollock BE, Lunsford LD: Improvements in vestibular schwannoma radiosurgery. Kondziolka D and Alexander E (eds.). In *Radiosurgery* 1:29-36, 1995. Carver Publishing.
47. Loeffler JS, Larson DA, Shrieve DC, Flickinger JC: Radiosurgery for the treatment of intracranial lesions. DeVita VT Jr, Hellman S, Rosenberg SA (eds.) In *Important Advances in Oncology* 1995. J.B. Lippincott Company, Philadelphia, PA.
48. Faul CM and Flickinger JC: The use of radiation in the management of spinal metastases. *J Neuro Oncol* 23:149-161, 1995.
49. Witt TC, Kondziolka D, Flickinger JC, Lunsford LD: Stereotactic radiosurgery for pituitary tumors. *Radiosurgery* 1:55-65, 1995.

50. Huang CF, Somaza S, Lunsford LD, Kondziolka D, Flickinger JC: Radiosurgery in the management of epilepsy associated with arteriovenous malformations. *Radiosurgery* 1:195-200, 1995.
51. Somaza S, Huang CF, Lunsford LD, Kondziolka D, Flickinger JC: Stereotactic radiosurgery for arteriovenous malformations of the posterior fossa. *Radiosurgery*.
52. Flickinger JC, Kondziolka D. Radiosurgery instead of resection for solitary brain metastases: Redefining the gold standard. *Int J Radiat Oncol Biol Phys* 35:185-186, 1996.
53. Lotze MT, Flickinger JC, Carr B: Cancer of the liver. *Cancer: Principles and Practice of Oncology*, 5th Edition, 1996.
54. Kondziolka D, Lunsford LD, Flickinger JC. Stereotactic radiosurgery for acoustic tumors: Technique and results, in Giannotta S (ed), *Techniques in Neurosurgery*, 3:154-161, 1997.
55. Lunsford LD, Kondziolka D, Flickinger JC. Stereotactic radiosurgery, In Grossman R, Loftus C (eds), *Principles of Neurosurgery* (2nd ed.), Raven Press 1999, pp721-736.
56. Kondziolka D, Lunsford LD, Flickinger JC. Stereotactic radiosurgery: Indications and results, *The Neurologist* 3:45-52, 1997. Williams and Wilkins, Stern BJ (ed)
57. Kondziolka D, Rutigliano M, Flickinger JC, Pollock B, Lunsford LD. Gamma knife radiosurgery for brain metastases: Indications, results, and cost effectiveness. In Maciunas R (ed): *Advanced Techniques in Central Nervous System Metastases*, AANS publications Park Ridge Illinois, 1998, pp253-267.
58. Flickinger JC, Somaza S, Kondziolka D. Radiosurgery in the Management of Metastases, in Kirkwood J (ed). *Malignant Melanoma*. 1996 .
59. Flickinger JC, Kondziolka D, Lunsford L.D.: Clinical applications of stereotactic radiosurgery, in Mittal, BB, Purdy JA, and Ang KK (eds.), *Radiation Therapy*, 1998. Kluwer Academic Publishers.
60. Niranjana A, Kondziolka D, Flickinger JC, and Lunsford LD: Stereotactic radiosurgery for arteriovenous malformations of the basal ganglia and thalamus. In Yamada S (ed.), *Arteriovenous Malformations in the Functional Area*, 1998.
61. Flickinger JC, Kondziolka D, Pollock B, and Lunsford LD: Radiobiology of Vascular Malformation Radiosurgery. In Awad IA, Jafar JJ, and Rosenwasser RH (eds.), *Vascular Malformations of the Central Nervous System*, 1998. Lippincott-Raven Publishers, Philadelphia, PA.

62. Kondziolka DS, Flickinger JC, and Lunsford LD: Radiation therapy and radiosurgery of pituitary tumors. In Mitchell C (ed), Pituitary Disorders Comprehensive Management, 1998. Lippincott Williams & Wilkins, Baltimore, MD.
63. Niranjana MCh, Kondziolka D, Flickinger JC, and Lunsford LD: Stereotactic radiosurgery for arteriovenous malformations of the basal ganglia and thalamus. In Yamada S (ed), Arteriovenous Malformations in Functional Areas of the Brain, 1999. Futura Publishing Co., Inc., Armonk, NY.
64. Flickinger JC, and Kondziolka D: Informed consent for stereotactic radiosurgery. In Germano IM (ed), Stereotactic Radiosurgery, 1999. The American Assoc. of Neurological Surgeons, Publications Office, Lebanon, New Hampshire.
65. Somaza S, Lunsford LD, Kondziolka D, Flickinger JC, and Maitz A: Gamma knife radiosurgery. In Grossman RG and Loftus CM (eds.), Principles of Neurosurgery, 1999. Lippincott-Raven Publishers, Philadelphia, PA.
66. Niranjana A, Moriuchi S, Lunsford LD, Kondziolka D, Flickinger JC, Fellows W, Rajendiran S, Tamura M, Cohen JB, and Glorioso JC. Effective treatment of experimental glioblastoma by HSV vector-mediated TNF and HSV-tk gene transfer in combination with radiosurgery and ganciclovir administration. In Molecular Therapy, 1999
67. Lotze M, Kirkwood JM, Flickinger JC: Interferons. Rosenberg, Steven (ed.) In Cancer; Principles and Practices of Oncology. 6th Edition, Blair-Lippincott Publishers, 2000
68. Pollock BE, Lunsford LD, and Flickinger JC: The use of indwelling radioisotopes in neurological surgery. Maciunas, Robert (ed.) In Neural Prostheses, AANS Publications Committee, 2000.
69. Kondziolka D, Lunsford LD, and Flickinger JC: Controversies in the management of multiple brain metastases: the roles of radiosurgery and radiation therapy. In Forum 11.1, 2001.
70. Kondziolka D, Lunsford LD, and Flickinger JC: Stereotactic Radiosurgery. In Tumors of the Pediatric Central Nervous System, 2001.
71. Kondziolka D, Lunsford LD, Flickinger JC: Management of Acoustic Neuromas. In Current Treatment Options in Neurology, 2001.
72. Flickinger JC: Radiation Treatment of Acoustic Neuromas. In Surgery of the Ear, 2002.
73. Flickinger JC: Radiobiological and Dosimetric Considerations in Stereotactic Radiosurgery. In Contemporary Stereotactic Radiosurgery, 2002.
74. Flickinger JC, Kondziolka D: Radiobiological Analysis of Tissue Responses Following



- Radiosurgery. In Technology in Cancer Research and Treatment, 2003 .
75. Flickinger JC, Kondziolka D; Lunsford LD: Risks and Benefits of Arteriovenous Malformation Radiosurgery. In Techniques in Neurosurgery, 2003. .
  76. Flickinger JC, Kondziolka D: Fractionated Radiotherapy for Pituitary Tumors. In Youmans Neurological Surgery, 2004.
  77. Kondziolka D, Lunsford LD, Flickinger JC: Gamma knife radiosurgery: Indications, techniques and results in 546 patients with cerebral vascular malformations or brain tumors. Medical Care Int 1:41-54, 1991
  78. Kondziolka D, Lunsford LD, Habeck M, Flickinger JC: Gamma knife radiosurgery for trigeminal neuralgia. Braintrust 12-13, 1996.
  79. Flickinger JC, Meisel A, Kondziolka D, Lunsford LD: Informed consent for radiosurgery. Radiosurgery 1:253-260, 1996.
  80. Kondziolka D, Lunsford LD, Flickinger JC: Stereotactic radiosurgery using the gamma knife: indications and results. The Neurologist 3:45-52, 1997.
  81. Kondziolka D, Subach BR, Lunsford LD, Bissonette DJ, Flickinger JC. Outcomes after gamma knife radiosurgery in solitary acoustic tumors and neurofibromatosis Type 2. Neurosurgical Focus 5:1-5, 1998.
  82. Cano ER, Flickinger JC, Deutsch M: Radiotherapy of maxillary sinus carcinoma. Regional Cancer Treatment 3:31-35, 1990.
  83. Pollock BE, Lunsford LD, Kondziolka D, Maitz A, Bissonette DJ, Flickinger JC: The Pittsburgh AVM Radiosurgery (PAR) grading scale: A proposed grading scale for arteriovenous malformations. Radiosurgery 2:137-146, 1998.
  84. Niranjana A, Lunsford LD, Flickinger JC, Maitz A, Kondziolka D: Dose reduction improves hearing preservation rates after intracalicular acoustic tumor radiosurgery. Neurosurgery 45(4) 753-62, 1999.
  85. Kondziolka D, Patel A, Lunsford LD, Flickinger JC. Decision making for patients with multiple brain metastases: radiosurgery, radiotherapy, or resection? Neurosurgical focus 9:1-6, 2000.
  86. Ogunrinde OK, Lunsford LD, Flickinger JC, Maitz A, Kondziolka D: Facial nerve preservation and tumor control after gamma knife radiosurgery of unilateral acoustic tumors. Skull Base Surg 4(2):87-92, 1994.
  87. Kondziolka D, Lunsford LD, Flickinger JC: Stereotactic radiosurgery for benign intracranial tumors. Concepts in Neurosurg. 7, 1995. Flickinger JC, Kondziolka D, Lunsford LD: Clinical applications of stereotactic radiosurgery. Advances in Radiation Therapy, 1998.

88. Flickinger JC, Kondziolka D, Lunsford LD: Clinical applications of stereotactic radiosurgery. *Advances in Radiation Therapy*, 1998.
89. Flickinger JC. What is the optimal dose and fractionation for stereotactic irradiation of acoustic neuromas? *Int J Radiation Oncology Bio Phys*. 54(2): 311, 2002. (editorial).
90. Lunsford LD, Kondziolka D, Pollock BE, Maitz A, Bissonette DJ, Flickinger JC: Gamma knife radiosurgery for brain AVMS: What we have learned. *Neurosurgeons* 14:77-83, 1995.
91. Lunsford LD, Kondziolka D, Pollock BE, Maitz AH, Flickinger JC: Gamma knife stereotactic radiosurgery for acoustic tumors: What we have learned. *Neurosurgeons* 14:164-169, 1995.
92. Flickinger JC. Observation versus early stereotactic radiotherapy of acoustic neuroma: what are you waiting for? *Int J Radiat Oncol Biol Phys* 44(3):481-2, 1999. (editorial).
93. Flickinger JC. Radiosurgery of brain metastases from renal cell carcinoma: how can you improve on results like this? *Cancer J*. 6(6):360-1, 2000.
94. Kondziolka D, Lunsford LD, Flickinger JC. Acoustic Neuromas. *Curr Treat Options Neurol*. 2002 Mar;4 (2):157-165.
95. Flickinger JC. Radiotherapy and Radiosurgical Management of Brain Metastases. *Current Oncology Reports* 3(6),484-489, November, 2001.
96. Witt T, Kondziolka D, Flickinger JC, Lunsford LD: Stereotactic radiosurgery for pituitary tumors. *Radiosurgery* 1:55-65, 1996.
97. Flickinger JC, Kondziolka D, Lunsford, LD: Radiosurgery for Vestibular Schwannomas. *Operative neurosurgical techniques: indications, methods, and results*, (914-919), 2005
98. Kondziolka D, Niranjan A, Lunsford LD, Flickinger JC: Radiobiology of Radiosurgery. In *Radiosurgery and Pathological Fundamentals: Prog Neurol Surg*. Basel, Karger, 2007 vol 20 (16-27).
99. Flickinger JC, Kondziolka D, Niranjan A, Lunsford LD: Dose Selection in Stereotactic Radiosurgery in *Radiosurgery and Pathological Fundamentals: Prog Neurol Surg*. Basel, Karger 2007, vol 20 (28-42).
100. Niranjan A, Maitz A.H., Lunsford A, Gerszten P, Flickinger JC, Kondziolka D, Lunsford LD: Radiosurgery Techniques and Current Devices in *Radiosurgery and Pathological Fundamentals: Prog Neurol Surg*. Basel, Karger, 2007, vol 20, (50-67).
101. Lee John Y.K., Kondziolka D, Flickinger JC, Lunsford LD: Radiosurgery for Intracranial Meningiomas in *Radiosurgery and Pathological Fundamentals: Prog Neurol Surg*. Basel,

Karger 2007, vol 20, (142-149).

102. Lunsford LD, Niranjan A, Martin Juan J., Sirin S, Kassam A, Kondziolka D, Flickinger JC: Radiosurgery for Miscellaneous Skull Base Tumors in Radiosurgery and Pathological Fundamentals: Prog Neurol Surg. Basel, Karger 2007, vol 20, (192-205).
103. Kondziolka D, Flickinger JC, Lunsford LD: Radiosurgery for Cavernous Malformations in Radiosurgery and Pathological Fundamentals: Prog Neurol Surg. Basel, Karger 2007, vol 20, (220-230).
104. Mathieu D, Kondziolka D, Cooper P, Flickinger JC, Niranjan A, Agarwala S, Kirkwood J, Lunsford LD. Gamma knife radiosurgery for malignant melanoma brain metastases. Clin Neurosurg 54:241-247, 2007.
105. Martin JJ, Niranjan A, Kondziolka D, Flickinger JC, Lozanne KA, Lunsford LD. Radiosurgery for chordomas and chondrosarcomas of the skull base. J Neurosurg. 2007 Oct;107(4):758-64. PMID: 17937220 [PubMed - in process]
106. Mathieu D, Kondziolka D, Niranjan A, Flickinger JC, Lunsford LD. Gamma knife thalamotomy for multiple sclerosis tremor. Surg Neurol. 2007 Oct;68(4):394-9. PMID: 17905063 [PubMed - in process]
107. Bhatnagar AK, Land SR, Shogan A, Rodgers EE, Heron DE, Flickinger JC. What Do Patients Want from their Radiation Oncologist? Initial Results from a Prospective Trial. Int J Radiat Oncol Biol Phys. 2007 Sep 26; [Epub ahead of print] PMID: 17904304 [PubMed - as supplied by publisher]
108. O'hagen JM, Glanzman AM, McDermott MP, Ryan PA, Flickinger JC, Quigley J, Riley S, Sanborn E, Irvine C, Martens WB, Annis C, Tawil R, Oskoui M, Darras BT, Finkel RS, De Vivo DC. An expanded version of the Hammersmith Functional Motor Scale for SMA II and III patients. Neuromuscul Disord. 2007 Oct;17(9-10):693-7. Epub 2007 Jul 19. PMID: 17658255 [PubMed - in process]
109. Martin JJ, Kondziolka D, Flickinger JC, Mathieu D, Niranjan A, Lunsford LD. Cranial nerve preservation and outcomes after stereotactic radiosurgery for jugular foramen schwannomas. Neurosurgery. 2007 Jul;61(1):76-81; discussion 81. PMID: 17621021 [PubMed - indexed for MEDLINE]
110. Bhatnagar AK, Kondziolka D, Lunsford LD, Flickinger JC. Recursive partitioning analysis of prognostic factors for patients with four or more intracranial metastases treated with radiosurgery. Technol Cancer Res Treat. 2007 Jun;6(3):153-60. PMID: 17535022 [PubMed - indexed for MEDLINE]
111. Chopra R, Kondziolka D, Niranjan A, Lunsford LD, Flickinger JC. Long-term follow-up of

acoustic schwannoma radiosurgery with marginal tumor doses of 12 to 13 Gy. *Int J Radiat Oncol Biol Phys*. 2007 Jul 1;68(3):845-51. Epub 2007 Mar 26.

112. Juan J. Martin, MD., Ajay Niranjana, M.Ch., Kondziolka, D, Flickinger, JC, Karl A. Lozanne, MD., Lunsford, LD. Radiosurgery for chordomas and chondrosarcomas of the skull base. *J Neurosurg* 107:758-764, October, 2007.

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### ABSTRACTS

1. Flickinger JC, de la Monte SM, Austin-Seymour MD, Linggood RM, Boyle P: Radiation therapy for meningioma. *Int J Radiat Oncol Biol Phys* 11 (Suppl):157-158, 1985.
2. Flickinger JC, Torres C, Deutsch M: Radiation therapy of glioma of the optic nerve and chiasm. The American Radium Society, Proceedings of the 69th Annual Meeting, 1987.
3. Flickinger JC, Nelson PB, Deutsch M: Radiotherapy for macroadenomas of the pituitary gland with mass effect. The American Radiation Society Proceedings of the 70th Annual Meeting, 1988.
4. Flickinger JC, Lunsford LD, Lindner G, Smara N: Multiple shot treatment planning for the gamma knife. *Int J Radiat Oncol Biol Phys* 15 (Suppl):161, 1988.
5. Lunsford LD, Flickinger JC: Stereotactic radiosurgery using the gamma knife; an alternative to microsurgical removal. *Int J Radiat Oncol Biol Phys* 15 (Suppl 1):156, 1988.
6. Pollack IF, Lunsford LD, Flickinger JC, Dameshek HL: Prognosis factors in the diagnosis and treatment of primary central nervous system lymphoma. Proceedings of the American Association of Neurological Surgeons Meeting, Toronto, Canada, April 27, 1988.
7. Lunsford LD, Flickinger JC, Lindner G, Maitz A: Stereotactic radiosurgery using the 201 source U.S. gamma knife: Issues and answers. Proceedings of the American Association of Neurological Surgeons Annual Meeting, Toronto, Canada, April 26, 1988.
8. Wu A, Maitz A, Smarra N, Turco LF, Kalend AM, Lunsford LD, Flickinger JC, Bloomer WD: Dosimetry characteristics of the leksell gamma knife for stereotactic radiosurgery. Proceedings of the Radiological Society of North America, Chicago, Illinois, November 30, 1988.
9. Flickinger JC, Maitz A, Kalend A, Lunsford LD, Wu A: Treatment volume shaping with selective beam blocking using the Leksell gamma unit. *Int J Radiat Oncol Biol Phys* 17 (Suppl 1):197, 1989.

10. Wu A, Kalend AM, Maitz AH, Lunsford LD, Flickinger JC, Bloomer WD: Dose distributions and treatment planning of Leksell stereotactic gamma knife for radiosurgery. *Int J Radiat Oncol Biol Phys* 17 (Suppl 1):196, 1989.
11. Weiser J, Gur D, Deutsch M, Gennari R, Bloomer WD, Epstein A, Flickinger JC, Kalnicki S: Evaluation of analog contrast enhancement and digital unsharp masking in low contrast portal images. *Int J Radiat Oncol Biol Phys* 17 (Suppl 1):159, 1989.
12. Coffey R, Lunsford LD, Flickinger JC, Cojocar T: The role of radiosurgery in the treatment of intracranial tumors. *Proceedings of the Radiosurgery Symposium, Charlottesville, Virginia, May 3, 1989.*
13. Lunsford LD, Moller M, Flickinger JC: Imaging and functional assessment of acoustic neurinomas after stereotactic radiosurgery. *Proceedings of the Radiosurgery Symposium, Charlottesville, Virginia, May 3, 1989.*
14. Lunsford LD, Flickinger JC, Wolfson S, Slabassi R, Wolfe J, Altschuler E, Wu A: In vivo radiobiology of stereotactic radioimager: The primate model. *Proceedings of the Radiosurgery Symposium, Charlottesville, Virginia, May 4, 1989.*
15. Altschuler E, Lunsford LD, Flickinger JC, Wolfson S, Slabassi R, Wolfe G, Wu A: In vivo radiobiology of stereotactic radiosurgery. The primate model. *Proceedings of the Radiosurgery Symposium, Charlottesville, Virginia, May 5, 1989.*
16. Wu A, Maitz A, Kalend AM, Lunsford LD, Flickinger JC, Bloomer WD: Physics of gamma knife approach on convergent beams in stereotactic radiosurgery. *Proceedings of the Radiosurgery Symposium, Charlottesville, Virginia, May 5, 1989.*
17. Coffey RJ, Lunsford LD, Bissonette DB, Flickinger JC: Stereotactic gamma knife radiosurgery for intracranial vascular malformations in tumors: Report of the initial north american experience in 331 patients. *Proceedings of the X Meeting of the World Society of Stereotactic and Functional Neurosurgery, Maebashi, Japan, October 2-6, 1989.*
18. Linskey ME, Lunsford LD, Flickinger JC: Stereotactic radiosurgery for acoustic neurinomas: Early experience. *Proceedings of the Congress of Neurological Surgeons, Atlanta, Georgia, October, 1989.*
19. Altschuler EM, Lunsford LD, Flickinger JC, Martinez AJ, Slabassi R: Closed skull cobalt 60 stereotactic radiosurgical lesions of the primate brainstem. *Proceedings of the Society for Neuroscience Annual Meeting, Phoenix, Arizona, November 3, 1989.*
20. Kondziolka D, Lunsford LD, Coffey R, Flickinger JC: Stereotactic radiosurgery of meningiomas: Indications and experience in 38 cases. *J Neurosurg* 72: 334A, 1990.

21. Kondziolka D, Lunsford LD, Coffey RJ, Flickinger JC: Stereotactic radiosurgery using the gamma knife: Experience with 414 cases at the first North American center. *Can J Neurol Sci* 17:217, 1990.
22. Stephanian E, Lunsford LD, Coffey RJ, Bissonette DJ, Flickinger JC: Gamma knife radiosurgery for pituitary adenomas. *Int J Radiat Oncol Biol Phys* 19 (Suppl. 1):228, 1990.
23. Lunsford LD, Coffey RJ, Kondziolka D, Bissonette DJ, Flickinger JC: Stereotactic radiosurgery for arteriovenous malformations. *Int J Radiat Oncol Biol Phys* 19 (Suppl. 1):145, 1990.
24. Flickinger JC, Lunsford LD, Kondziolka D, Bissonette DJ, Coffey RJ: Radiosurgery of acoustic neuromas. *Int J Radiat Oncol Biol Phys* 19 (Suppl. 1):148, 1990.
25. Coffey RJ, Flickinger JC, Lunsford LD: Boost radiosurgery for solitary brain metastases: Results in 23 consecutive patients. *Int J Radiat Oncol Biol Phys* 19 (Suppl. 1):148, 1990
26. Kondziolka D, Lunsford LD, Coffey RJ, Flickinger JC: Stereotactic radiosurgery of meningiomas. Indications and results in 38 cases. Proceedings of the Annual Meeting of the American Association of Neurological Surgeons, Nashville, Tennessee, April 30, 1990.
27. Altschuler EM, Lunsford LD, Flickinger JC, Wolfson SK: Radiobiological models for radiosurgery. Proceedings of the Annual Meeting of the American Association of Neurological Surgeons, Nashville, Tennessee, May 2, 1990.
28. Linskey ME, Lunsford LD, Flickinger JC: Stereotactic radiosurgery for acoustic neurinomas: Early experience. Proceedings of the Acoustic Neuroma Association Meeting, Pittsburgh, Pennsylvania, May, 1990.
29. Kondziolka D, Lunsford LD, Coffey RJ, Flickinger JC: Stereotactic radiosurgery using the gamma knife: Experience with 414 cases at the First North American Center. Proceedings of the XXV Canadian Congress of Neurological Sciences, Banff, Alberta, June 1990.
30. Altschuler EM, Lunsford LD, Flickinger JC: Animal models in radiosurgery. Proceedings of the Harvard Radiosurgery Update Meeting, Boston, Massachusetts, June 11, 1990.
31. Kondziolka DS, Lunsford LD, Coffey RJ, Flickinger JC: Stereotactic radiosurgery of angiographically occult vascular malformations: Experience with 24 cases. Proceedings of the Harvard Radiosurgery Update Meeting, Boston, Massachusetts, June 11, 1990.
32. Stephanian E, Lunsford LD, Coffey RJ, Flickinger JC: Gamma knife radiosurgery for pituitary adenomas: Case selection and initial results from the First North American Gamma Unit. Proceedings of the Harvard Radiosurgery Update Meeting, Boston, June 11, 1990.

33. Lunsford LD, Coffey RJ, Bissonette DJ, Flickinger JC: Radiosurgery for Acoustic Neurinoma. Proceedings of the Harvard Radiosurgery Update Meeting, Boston, Massachusetts, June 12, 1990.
34. Kondziolka DS, Lunsford LD, Coffey RJ, Flickinger JC: Stereotactic radiosurgery of meningiomas. Proceedings of the Harvard Radiosurgery Update Meeting, Boston, Massachusetts, June 12, 1990.
35. Lunsford LD, Coffey RJ, Bissonette D, Flickinger JC: Stereotactic radiosurgery for arteriovenous malformations: Case selection and initial results from the First North American Gamma Unit. Proceedings of the Harvard Radiosurgery Update Meeting, Boston, Massachusetts, June 12, 1990.
36. Coffey RJ, Flickinger JC, Lunsford LD, Bissonette DB: Gamma knife radiosurgery of metastatic brain tumors. Proceedings of the Harvard Radiosurgery Update Meeting, Boston Massachusetts, June 12, 1990.
37. Maitz AH, Wu A, Kalend AM, Flickinger JC, Lunsford LD: Quality assurance protocol for gamma knife radiosurgery. Proceedings of the Gamma Knife Users Meeting, Bath, England, June, 1990.
38. Maitz AH, Wu A, Kalend AM, Flickinger JC, Lunsford LD: Quality assurance protocol for gamma knife radiosurgery. Proceedings of the AAPM 32nd Annual Meeting, St. Louis, Missouri, July 24, 1990.
39. Kalend AM, Wu A, Maitz AH, Flickinger JC, Lunsford LD True radiative width of a radiosurgery beam size deconvoluted from film densitometry. Proceedings of the AAPM 32nd Annual Meeting, St. Louis, Missouri, July 25, 1991.
40. Kondziolka D, Lunsford LD, Flickinger JC: Radiosurgery for brain tumors and vascular malformations. Proceedings of the Advances in Neurology and Neuroscience Meeting, Sioux City, Iowa, September 22, 1990.
41. Altschuler E, Lunsford LD, Flickinger JC: Radiobiological models for radiosurgery. Proceedings of the American College of Surgeons Annual Clinical Conference, San Francisco, California, October 10, 1990.
42. Lunsford LD, Coffey RJ, Kondziolka D, Bissonette DJ, Flickinger JC: Stereotactic radiosurgery for arteriovenous malformations. Int J Radiat Oncol Biol Phys 19:147, 1990.
43. Coffey RJ, Flickinger JC, Lunsford LD: Boost radiosurgery for solitary brain metastases: Results in 23 consecutive patients. Int J Radiat Oncol Biol Phys 19:148, 1990.

44. Kondziolka D, Lunsford LD, Flickinger JC, Coffey RJ: The current role of radiosurgery in children and adolescents. Proceedings of the Pediatric Section Meeting of the American Association of Neurological Surgeons, Pebble Beach, California, December 1990.
45. Kondziolka D, Lunsford LD, Flickinger JC: Skull base radiosurgery: Chordoma and Chondrosarcoma. Proceedings of the North American Skull Base Society Meeting, Lake Buena Vista, Florida, February, 1991.
46. Flickinger JC, Lunsford LD, Kondziolka D: Radiosurgery of acoustic neurinomas and meningiomas. Proceedings of the Symposium on Stereotactic Treatment of Brain Tumors, Memorial Sloan-Kettering Cancer Center, New York, February, 1991.
47. Linskey ME, Lunsford LD, Flickinger JC: Stereotactic radiosurgery for acoustic neurilemmomas: Three year experience. Proceedings of the North American Skull Base Society Meeting, Lake Buena Vista, Florida, February, 1991.
48. Kondziolka DS, Lunsford LD, Flickinger JC: Skull base radiosurgery: Chordoma and chondrosarcoma. Proceedings of the North American Skull Base Society Second Annual Meeting, Lake Buena Vista, Florida, March 2, 1991.
49. Kondziolka D, Lunsford LD, Flickinger JC, Coffey RJ: Factors associated with success or complications in AVM radiosurgery. Proceedings of the American Association of Neurological Surgeons, New Orleans, Louisiana, April 23, 1991.
50. Kondziolka D, Flickinger JC, Lunsford LD: Radiosurgery for AVMs: Analysis of dose, isodose, and volume for predicting success or complications of treatment. Proceedings of the American Radium Society, May 4, 1991.
51. Lunsford LD, Kondziolka D, Flickinger JC, Bissonette DJ: Factors associated with success or complications in AVM radiosurgery. Proceedings of the International Stereotactic Radiosurgery Symposium, Pittsburgh, Pennsylvania, June 19, 1991.
52. Flickinger JC, Lunsford LD, Kondziolka D, Maitz, AH: An analysis of factors associated with the development of neurodiagnostic imaging changes after gamma knife radiosurgery. Proceedings of the International Stereotactic Radiosurgery Symposium, Pittsburgh, Pennsylvania, June 20, 1991.
53. Kondziolka D, Lunsford LD, Claassen D, Maitz AH, Flickinger JC: Development of a malignant brain tumor (rat glioma) model for assessing radiosurgical dosimetry in vivo. Proceedings of the International Stereotactic Radiosurgery Symposium, Pittsburgh, Pennsylvania, June 20, 1991.
54. Maitz AH, Kalend AM, Flickinger JC, Lunsford LD, Kondziolka DS, Wu A, Bloomer WD: Dose verification criteria for a treatment planning system for stereotactic radiosurgery.



Proceedings of the International Stereotactic Radiosurgery Symposium, Pittsburgh, Pennsylvania, June 20, 1991.

55. Linskey ME, Lunsford LD, Flickinger JC: Stereotactic radiosurgery for acoustic nerve sheath tumors. Three year experience. Proceedings of the International Stereotactic Radiosurgery Symposium, Pittsburgh, Pennsylvania, June 21, 1991.
56. Kondziolka DS, Lunsford LD, Flickinger JC: Stereotactic radiosurgery of meningiomas. Proceedings of the International Stereotactic Radiosurgery Symposium, Pittsburgh, Pennsylvania, June 21, 1991.
57. Harsh GR, Lunsford LD, Kondziolka D, Bissonette DJ, Coffey RJ, Flickinger JC: Gamma knife radiosurgery of residual/recurrent meningiomas of the skull base: Early follow-up of 37 cases. Proceedings of the International Stereotactic Radiosurgery Symposium, Pittsburgh, Pennsylvania, June 21, 1991.
58. Dempsey PK, Kondziolka D, Lunsford LD, Coffey RJ, Flickinger JC: The role of stereotactic radiosurgery in the treatment of glial tumors. Proceedings of the International Stereotactic Radiosurgery Symposium, Pittsburgh, Pennsylvania, June 21, 1991.
59. Kalend AM, Wu A, Maitz AH, Flickinger JC, Lunsford LD, Saibon F, Yum GC, Bloomer WD: Treatment planning algorithm for the gamma knife stereotactic radiosurgery. Proceedings of the International Stereotactic Radiosurgery Symposium, Pittsburgh, Pennsylvania, June 19, 1991.
60. Lunsford LD, Linskey ME, Flickinger JC: Stereotactic radiosurgery for acoustic nerve sheath tumors. Proceedings of the Copenhagen Acoustic Neuroma Conference, Copenhagen, Denmark, August 25, 1991.
61. Duma CM, Lunsford LD, Flickinger JC, Bissonette DJ, Kondziolka D: Gamma knife stereotactic radiosurgery as primary or adjunctive treatment for parasellar meningiomas. Skull Base Surgery 2:41, 1992.
62. Flickinger JC, Lunsford LD, Linskey ME, Bissonette DJ, Duma CM, Kondziolka D: Radiosurgery for acoustic nerve sheath tumors with the gamma knife: four year experience. Skull Base Surgery 2:59, 1992.
63. Lunsford LD, Linskey ME, Flickinger JC, Maitz AS, Kondziolka D: Radiosurgery of acoustic neuromas. Proceedings of the 60th Annual American Association of Neurological Sciences Meeting, San Francisco, CA, April, 1992.
64. Lunsford LD, Kondziolka D, Flickinger JC: Neurodiagnostic imaging changes after AVM radiosurgery. Proceedings of the RSNA Meeting, Chicago, Illinois, December 5, 1991. Radiology, Suppl. 1991 (abst.)

65. Lunsford, LD, Linskey ME, Flickinger JC, Maitz AH, Kondziolka D: Radiosurgery of Acoustic Neuromas. Proceedings of the American Association of Neurological Surgeons, San Francisco, CA, April 11-16, 1991.
66. Flickinger JC, Lunsford LD, Kondziolka D, Maitz AH, Epstein AH, Simons SR, Wu A: An analysis of neurodiagnostic imaging changes after gamma knife radiosurgery for arteriovenous malformations. *Int J Rad Onc Biol Phy* 21 (51) 170, 1991.
67. Flickinger JC, Carr BI: Radiotherapy alone compared to liver transplantation and neoadjuvant chemo-radiotherapy for hilar cholangiocarcinoma. Proceedings of the 74th Annual Meeting of The American Radium Society, Orlando, Florida, April 11-15, 1992.
68. Flickinger JC, Lunsford LD, Kondziolka D, Duma C, Maitz A, Kirkwood J: Radiosurgery for brain metastases with and without fractionated whole brain radiotherapy. Proceedings of the 74th Annual Meeting of The American Radium Society, Orlando, Florida, April 11-15, 1992.
69. Flickinger JC, Lunsford LD, Linskey ME, Maitz AS, DK: Gamma knife radiosurgery for acoustic tumors: Four year results and multivariate analysis of treatment technique. *Int J Radiat Oncol Biol Phys* 24(S1):128, 1992.
70. Tishler RB, Duma C, Loeffler JS, Lunsford LD, Alexander E, Flickinger JC: Cranial neuropathies following radiosurgery for cavernous sinus lesions: Joint Center for Radiation Therapy and University of Pittsburgh experience. *Int J Radiat Oncol Biol Phys* 24(S1):128-129, 1992.
71. Gilbert MR, Lunsford LD, Kondziolka D, Flickinger JC, Shumaker E, Ziegler KJ, Bryant J: A phase III trial of continuous infusion chemotherapy, external beam radiotherapy and local boost radiotherapy for malignant gliomas. Proceedings of ASCO, Vol. 12, p 176, March 1993.
72. Wu A, Lim M, Saw CB, Kalend AM, Flickinger JC: Computerized multi-leaf-position determination for conformal therapy using beam-eye view of CT images. Proceedings of the AAPM Annual Meeting Program, 1993.
73. Kalend AM, Wu A, Maitz A, Flickinger JC, Lunsford LD, Yum G: A multidimensional dose planning system (RTPS) in gamma knife radiosurgery. Presented at the International Stereotactic Radiosurgery Society Meeting, Stockholm, Sweden, June 1993. *Acta Neurochirurgica* 122:167, 1993
74. Pollock BE, Kondziolka D, Flickinger JC, Lunsford LD: Radiosurgery for non-acoustic schwannomas of the cranial base. Presented at the International Stereotactic Radiosurgery Society Meeting, Stockholm, Sweden, June 1993. *Acta Neurochirurgica* 122:166, 1993.
75. Ogunrinde OK, Lunsford LD, Flickinger JC: Cranial nerve preservation after stereotactic

radiosurgery of small acoustic tumours. Presented at the International Stereotactic Radiosurgery Society Meeting, Stockholm, Sweden, June 1993. *Acta Neurochirurgica* 122:165, 1993.

76. Lunsford LD, Kondziolka D, Ogunrinde OK, Flickinger JC: The evolution of technique in stereotactic radiosurgery of acoustic tumours. Presented at the International Stereotactic Radiosurgery Society Meeting, Stockholm, Sweden, June 1993. *Acta Neurochirurgica* 122:164, 1993.
77. Somaza S, Kondziolka D, Lunsford LD, Flickinger JC: Stereotactic radiosurgery for cerebral metastatic melanoma. Presented at the International Stereotactic Radiosurgery Society Meeting, Stockholm, Sweden, June 1993. *Acta Neurochirurgica* 122:159, 1993.
78. Flickinger JC, Kondziolka D, Lunsford LD, Coffey RJ, Goodman M, Hudgins R, Weiner RL, Harsh GR: Stereotactic radiosurgery for solitary metastatic brain tumours: A multi-institution study using the gamma unit. Presented at the International Stereotactic Radiosurgery Society Meeting, Stockholm, Sweden, June 1993. *Acta Neurochirurgica* 122:159, 1993.
79. Kondziolka D, Lunsford LD, Flickinger JC: Gamma knife radiosurgery for pituitary tumours: Imaging, Visual and Endocrine Results. Presented at the International Stereotactic Radiosurgery Society Meeting, Stockholm, Sweden, June 1993. *Acta Neurochirurgica* 122:148, 1993.,
80. Kondziolka D, Claassen D, Linskey ME, Flickinger JC: Cranial nerve sensitivity and radiosurgery: Results with the rat optic chiasm model. Presented at the International Stereotactic Radiosurgery Society Meeting, Stockholm, Sweden, June 1993. *Acta Neurochirurgica* 122:147, 1993.
81. Linskey ME, Langheinrich W, Martinez AJ, Maitz AH, Kondziolka D, Flickinger JC, Lunsford LD: The athymic mouse subrenal capsule xenograft model for studying the radiobiology of slowly growing human neoplasms. Presented at the International Stereotactic Radiosurgery Society Meeting, Stockholm, Sweden, June 1993. *Acta Neurochirurgica* 122:146, 1993.
82. Kondziolka D, Lunsford LD, Martinez AJ, Wu A, Flickinger JC: The normal primate brainstem response to radiosurgery: Histologic comparisons to the human thalamic response. Presented at the International Stereotactic Radiosurgery Society Meeting, Stockholm, Sweden, June 1993. *Acta Neurochirurgica* 122:145, 1993.
83. Lunsford LD, Kondziolka D, Flickinger JC: Stereotactic radiosurgery of cavernous type malformations for microsurgery. Presented at the International Stereotactic Radiosurgery Society Meeting, Stockholm, Sweden, June 1993. *Acta Neurochirurgica* 122:139-140, 1993.
84. Stock RG, Chen A, Flickinger JC, Kalnicki S, Seski J: Node positive cervical cancer: Impact of pelvic irradiation and patterns of failure. *Int J Radiat Oncol Biol Phys* 27:128, 1993.
85. Flickinger JC, Kondziolka D, Lunsford LD, Coffey RJ, Goodman ML, Shaw EG, Hudgins WR, einer R, Harsh GR, Sneed PK, Larson DA: A multi-institutional experience with stereotactic

- radiosurgery for solitary brain metastases. *Int J Radiat Oncol Biol Phys* 27:178-179, 1993.
86. Kondziolka D, Lunsford LD, Flickinger JC: Basal meningioma microsurgery and radiosurgery: A joint venture to improve clinical outcomes. *J Neurosurg* 80:413 A, 1994.
87. Kondziolka D, Lunsford LD, Flickinger JC: Adjuvant radiosurgery for persistent skull base tumors. *Skull Base Surg* 4:26-27, 1994.
88. Kondziolka D, Somaza S, Lunsford LD, Claassen D, Flickinger JC: Defining the effects and potential roles of radiosurgery, radiotherapy, or combined treatment evaluated in an in vivo rat glioma model. *Neurosurgery* 35:577, 1994.
89. Larson D, Gutin P, McDermott M, Lamborn K, Sneed P, Wara W, Flickinger JC, Kondziolka D, et al: Prognostic factors associated with radiosurgery for malignant glioma: Results of a multi-institutional gamma knife study. *Int J Rad Oncol Biol Phys* 32:146, 1995.
90. Flickinger JC, Kondziolka D, Pollock B, Lunsford LD: Improved results for vestibular schwannoma radiosurgery. *Int J Radiat Oncol Biol Phys* 32:146, 1995.
91. Patrice S, Sneed P, Flickinger JC, Alexander E, Larson D, Shrieve D, Pollock B, Kondziolka D, et al: Radiosurgery for hemangioblastoma: Results of a multi-institutional experience. *Int J Radiat Oncol Biol Phys* 35(3):493-499, 1996.
92. Kondziolka D, Flickinger JC, Lunsford LD, Young RF, et al: Therapeutic cranial nerve irradiation: Results from a multi-center dose response study of radiosurgery for trigeminal neuralgia. *Int J Radiat Oncol Biol Phys* 32:147, 1995.
93. Kondziolka D, Lunsford LD, Maitz A, Flickinger JC: Use of advanced computer workstations (GammaPlan) for gamma knife radiosurgery. *J Comp Aided Surg* 1(1):24-25, 1995.
94. Jungreis CA, Maitz AH, Lunsford LD, Kondziolka D, Flickinger JC: Angulation limits during angiography when localizing a target volume for stereotactic radiosurgery with the Leksell gamma knife. *Radiological Society of North America*, 1996.
95. Kondziolka D, Lunsford LD, Flickinger JC, et al. Results from a multicenter study of trigeminal neuralgia radiosurgery. *J Neurosurg* 84:348A, 1996.
96. Flickinger JC, Kondziolka D, Maitz AH, Lunsford LD. Analysis of neurological sequelae from radiosurgery of arteriovenous malformations: How location effects outcome. *I J Radiation Oncology Biology Physics* 39(2):200, 1997.
97. Firlik KS, Mori Y, Kim YS, Kondziolka D, Flickinger JC, Maitz A, Lunsford LD. Do outcomes after radiosurgery differ for different metastatic brain tumors? *American Association of Neurologic Surgeons, Philadelphia, PA, April, 1998.*

98. Flickinger JC. CyberKnife-Stereotactic Radiosurgery. Tri-State Radiation Oncology Conference, Pittsburgh, PA, November 17, 2001.
99. Mathieu David, MD, Kondziolka, D., MD., Niranjan, A., MCh., Flickinger, JC., MD., Lunsford, D., MD. Gamma knife thalamotomy for multiple sclerosis tremor. Surgical neurology 68 (2007) 394-399. (ScienceDirect).

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### INVITED LECTURES AND PRESENTATIONS

1. Flickinger JC, del la Monte SM, Austin Seymour MD, Linggood RM, Boyle P: Radiotherapy for meningioma. Presented at the 29th Annual ASTRO Meeting, New Orleans, LA. October 1985.
2. Flickinger JC, Torres C, Deutsch M: Radiation therapy of glioma of the optic nerve and chiasm. Presented at the 69th Annual Meeting of the American Radium Society, London, UK. April 1987.
3. Flickinger JC, Nelson PB, Deutsch M: Radiotherapy for macroadenomas of the pituitary gland with mass effect. Presented at the 70th Annual Meeting of the American Radium Society, Seattle, WA. April 1988.
4. Flickinger JC, Lunsford LD, Lindner G, Smara N: Multiple shot treatment planning for the gamma knife. Presented at the 30th Annual ASTRO Meeting, New Orleans, LA. October 1988.
5. Flickinger JC: Radiosurgery with the gamma knife. Presented at the Pennsylvania Oncologic Society Meeting, Philadelphia, PA. October 1988.
6. Flickinger JC: Application of radiobiological models for radiosurgery. Presented at the University of Virginia Radiosurgery Symposium, Charlottesville, WV. May 1989.
7. Flickinger JC, Maitz AH, Kalend A, Lunsford LD, Wu A: Treatment volume shaping with selective beam blocking using the Leksell gamma unit. Presented at the 31st Annual ASTRO Meeting, San Francisco, CA. October 1989.
8. Invited Lecture: Flickinger JC, Lunsford LD, Kondziolka D: Dose-volume considerations in radiosurgery. Radiosurgery Update, Harvard Medical School, June 1990.
9. Flickinger JC, Lunsford LD, Kondziolka D, Bissonette DJ, Coffey RJ: Radiosurgery of acoustic neuromas. Presented at the 32nd Annual ASTRO Meeting, Miami, FL, October 1990.
10. Flickinger JC, Lunsford LD, Kondziolka D: Radiosurgery of acoustic neurinomas and

meningiomas. Symposium on stereotactic treatment of brain tumors, Memorial Sloan-Kettering Cancer Center, New York, February 1991.

11. Invited Lecture: Flickinger JC, Lunsford LD, Kondziolka D: Radiosurgery of meningiomas and acoustic neuromas. Second symposium on stereotactic treatment of brain tumors. Memorial Sloan-Kettering Cancer Center, New York, NY, March 1991.
12. Invited Lecture: Flickinger JC., Lunsford LD, Kondziolka D: Gamma knife radiosurgery for the treatment of brain tumors. Second international neuro-oncology conference. London, UK, March 1991.
13. Invited Lecture: Flickinger JC: Dose prescription in radiosurgery. American Association of Neurological Surgeons, Practical Clinic on Stereotactic Radiosurgery. New Orleans, Louisiana, April 1991.
14. Flickinger JC, Lunsford LD, Kondziolka D, Maitz AH, Epstein A, Wu A: An analysis of imaging changes after gamma knife radiosurgery. International Stereotactic Radiosurgery Symposium, Pittsburgh, PA, June 1991.
15. Invited Lecture: Flickinger JC: Radiosurgery of tumors with the gamma knife. Northeastern Society of Clinical Oncology, Albany, New York, September, 1991.
16. Invited Lecture: Flickinger JC: Stereotactic Radiosurgery. Albany Medical College Radiation Oncology Update '91. Albany, New York, September, 1991.
17. Flickinger JC, Lunsford LD, Kondziolka D, Maitz AH, Epstein AH, Simons SR, Wu A: An analysis of neurodiagnostic imaging changes after gamma knife radiosurgery for arteriovenous malformations. American Society for Therapeutic Radiology and Oncology 33rd Annual Meeting, Washington, D.C., November, 1991.
18. Flickinger JC, Carr BI: Radiotherapy alone compared to liver transplantation and neoadjuvant chemo-radiotherapy for hilar cholangiocarcinoma. The 74th Annual Meeting of The American Radium Society, Orlando, Florida, April 11-15, 1992.
19. Flickinger JC, Lunsford LD, Kondziolka D, Duma C, Maitz A, Kirkwood J: Radiosurgery for brain metastases with and without fractionated whole brain radiotherapy. The 74th Annual Meeting of The American Radium Society, Orlando, Florida, April 11-15, 1992.
20. Invited Lecture: Flickinger JC: Radiosurgery planning for the gamma unit. UCLA "Hands-on" Stereotactic Surgery and Radiosurgery Workshop. August 22, 1992.
21. Invited Lecture: Flickinger JC: Gamma knife radiosurgery: technique and planning. European Society for Therapeutic Radiology and Oncology (ESTRO), 11th Annual Meeting, Malmu, Sweden. September 4, 1992.

22. Invited Lecture: Flickinger JC: Radiosurgery: Analysis of complications. American Society for Therapeutic Radiology and Oncology, 34th Annual Meeting, San Diego, CA. November 12, 1992.
23. Review Course: Flickinger JC, Loeffler JS: Stereotactic radiosurgery. American Society for Therapeutic Radiology and Oncology, 34th Annual Meeting, San Diego, CA. November 12, 1992.
24. Flickinger JC, Lunsford LD, Linskey ME, Maitz AH, Kondziolka DK: Gamma knife radiosurgery for acoustic tumors: four year results and multivariate analysis of treatment technique. American Society for Therapeutic Radiology and Oncology, 34th Annual Meeting, November 9, 1992.
25. Invited Lecture: Flickinger JC: Radiation treatment of acoustic tumors and meningiomas. Harvard Medical School Post Graduate Course: Tumors of the Central Nervous System, Boston, MA., December 1, 1992.
26. Invited Lecture: Flickinger JC: Radiation treatment of meningiomas. Harvard Medical School Post Graduate Course: Tumors of the Central Nervous System, Boston, MA., December 1, 1992.
27. Review Course: Loeffler JS, Flickinger JC: Stereotactic radiosurgery in the management of intracranial lesions. Radiobiological Society of North America 78th Annual Meeting, December 2, 1992.
28. Invited Lecture: Flickinger JC: Current status of stereotactic radiotherapy in the treatment of AVM's and benign tumors. May 5, 1993, New York Roentgen Society Spring Conference, May 5-8, 1993, New York, New York.
29. Invited Lecture: Flickinger JC: Stereotactic radiosurgery with the gamma knife. September 10, 1993. Third Annual Cancer Conference, St. Mary's Hospital, Huntington, W. VA.
30. Flickinger JC, Kondziolka D, Lunsford LD, et al: A multi-institutional experience with stereotactic radiosurgery for solitary brain metastasis. American Society for Therapeutic Radiology and Oncology, New Orleans, LA, October 12, 1993.
31. Invited Lecture: Flickinger JC: Dose volume effects in radiosurgery. Allegheny General Hospital Radiation Oncology Seminar, October, 1994, Pittsburgh, PA.
32. Review Course: Loeffler JS, Flickinger JC: Stereotactic Radiosurgery. American Society for Therapeutic Radiology and Oncology. San Francisco, CA, October 3, 1994.
33. Invited Lecture: Flickinger JC: Radiosurgery: Results and complications, October 4, 1994, National Cancer Institute, Bethesda, Maryland.

34. Invited Lecture: Flickinger JC: Radiosurgery in the treatment of brain metastases. International Stereotactic Radiosurgery Society 2nd Congress Meeting, Boston, MA., June 14, 1995.
35. Invited Lecture: Flickinger JC: Radiosurgery of benign tumors. International Stereotactic Radiosurgery Society 2nd Congress Meeting, Boston, MA., June 15, 1995.
36. Invited Lecture: Flickinger JC: Skull base tumors and cranial nerve tolerance. International Stereotactic Radiosurgery Society 2nd Congress Meeting, Boston, MA., June 16, 1995.
37. Flickinger JC, Kondziolka D, Pollock BE, Lunsford LD: Improvements in vestibular schwannoma radiosurgery. International Stereotactic Radiosurgery Society 2nd Congress Meeting, Boston, MA., June 16, 1995.
38. Invited Lecture: Flickinger JC, Meisel A, Kondziolka D, Lunsford LD: Informed consent for radiosurgery. International Stereotactic Radiosurgery Society 2nd Congress Meeting, Boston, MA., June 17, 1995.
39. Flickinger JC, Kondziolka D, Kalend AM, Maitz AH, Lunsford LD: Radiosurgery-related imaging changes in surrounding brain: multivariate analysis and model evaluation. International Stereotactic Radiosurgery Society 2nd Congress Meeting, Boston, MA., June 17, 1995.
40. Review Course: Loeffler JS, Flickinger JC: Stereotactic Radiosurgery. American Society for Therapeutic Radiology and Oncology. Miami Beach, FL, October 10, 1995.
41. Flickinger JC, Kondziolka D, Pollock B, Lunsford LD: Improved results for vestibular schwannoma radiosurgery. American Society for Therapeutic Radiology and Oncology. Miami Beach, FL, October 10, 1995.
42. Flickinger JC: Radiosurgery for benign and malignant brain lesions. The Pennsylvania Radiological Society 81st Annual Meeting, Hershey, Pennsylvania, May 17-18, 1996.
43. Flickinger JC: Stereotactic radiosurgery Refresher Course, ASTRO 38th Annual Meeting, Los Angeles, California, October 28, 1996. (Invited Lecturer)
44. Flickinger JC: Strategies for dosimetry optimization in Radiosurgery. International Stereotactic Radiosurgery Society 3rd Congress, Madrid, Spain, June 25-28, 1997.
45. Flickinger JC: Optimum dose for vascular radiosurgery. International Stereotactic Radiosurgery Society 3rd Congress, Madrid, Spain, June 25-28, 1997.
46. Flickinger JC, Kondziolka D, Maitz AH, Lunsford LD. Analysis of neurological sequelae from radiosurgery of arteriovenous malformations: How location effects outcome. ASTRO 39th Annual Meeting, Orlando, Florida, October 22, 1997.



47. Flickinger JC. Stereotactic Radiosurgery Refresher Course, ASTRO 39th Annual Meeting, Orlando, Florida, October 21, 1997. (Invited Lecturer)
48. Flickinger JC: Stereotactic Radiosurgery Refresher Course, ASTRO 40th Annual Meeting, Phoenix, Arizona, October 24, 1998. (Invited Lecturer)
49. Flickinger JC: Radiosurgical Tolerance, LINAC Radiosurgery Meeting, Lake Buena Vista, Florida, December 11, 1998. (Invited Lecturer)
50. Flickinger JC: Arteriovenous Malformations: Radiosurgical Retreatment. LINAC Radiosurgery Meeting, Lake Buena Vista, Florida, December 13, 1998. (Invited Lecturer)
51. Flickinger JC: Radiosurgery Dose Guidelines. New York Roentgen Society, New York, New York, February 8, 1999. (Invited Lecturer)
52. Flickinger JC: Radiosurgery Dose Guidelines. Visiting Professor. New York University, New York, New York, February 8, 1999. (Invited Lecturer)
53. Flickinger JC: Development of a Model to Predict Permanent Symptomatic Post-Radiosurgery Injury to Arteriovenous Malformation Patients. ARS Meeting, London, England, March 28 – April 5, 2000.
54. Flickinger JC: Late Risks of Radiosurgery: Necrosis & Second Tumors. Leksell Gamma Knife Society, Squaw Valley, California, April 13 – 14, 2000.
55. Flickinger JC: Acoustic Neuroma Management Conudrums. Triological and Otolaryngology Societies, Orlando, Florida, May 14, 2000.
56. Flickinger JC: Basic Radiobiology Lecture; Informed Consent Lecture; Dose Selection Lectures. Gamma Knife Course, Pittsburgh, PA, May 16 – 18, 2000.
57. Flickinger JC: Radiotherapeutic Salvage of Metastatic Melanoma. Perspectives in Melanoma IV Conference, Pittsburgh Hilton, Pittsburgh, PA, June 2, 2000. (Invited Lecturer)
58. Flickinger JC: Basic Radiobiology Lecture; Informed Consent Lecture; Dose Selection Lecture. Gamma Knife Course, Pittsburgh, PA, July 11 – 13, 2000.
59. Flickinger JC: Basic Radiobiology Lecture; Informed Consent Lecture; Dose Selection Lecture. Gamma Knife Course, Pittsburgh, PA, September 12 – 14, 2000.
60. Flickinger JC: Radiosurgery of Malignant Brain Tumors. Civic Center, Franklin, PA, September 15, 2000.
61. Flickinger JC: Radiosurgery Refresher Course. American Society for Therapeutic Radiology and Oncology (ASTRO), Boston, MA, October 23 – 25, 2000.

62. Flickinger JC: Basic Radiobiology Lecture; Informed Consent Lecture; Dose Selection Lecture. Gamma Knife Course, Pittsburgh, PA, January 9 – 11, 2001.
63. Flickinger JC: Principles of Radiation Oncology. Fellow Noon Lecture Series, Montefiore Hospital, Pittsburgh, PA, February 23, 2001.
64. Flickinger JC: Radiation Oncology Career Prospects. Given at Career Luncheon in UPMC-PUH on March 15, 2001.
65. Flickinger JC: Gave a Lecture: Advances in Cranial Base Surgery, Panel for Dr. Kondziolka, Pittsburgh, PA on May 4, 2001.
66. Flickinger JC: Basic Radiobiology Lecture; Informed Consent Lecture; Dose Selection Lecture. Gamma Knife Course, Pittsburgh, PA, May 8 – 10, 2001.
67. Flickinger JC: Basic Radiobiology Lecture; Informed Consent Lecture; Dose Selection. Gamma Knife Course, Pittsburgh, PA five to six times per year since 2001.
68. Flickinger JC: Lecture given at Tri-State Radiation Therapy Conference, September 8, 2001.
69. Flickinger JC: Principles of Radiation Biology given for Cancer Biology & Therapeutics Course, BST Bldg. Pittsburgh, PA, October 24, 2001.
70. Invited Lecture: Flickinger JC: Stereotactic Radiotherapy, North American Skull Base Society Meeting, San Deigo, CA, February 17, 2002.
71. Invited Lecture: Flickinger JC: Linear Quadratic alpha/beta values for target and normal tissue injury dose-response from arteriovenous malformation and acoustic neuroma radiosurgery, International Meeting of the Leksell Gamma Knife Society, Prague, Czech Republic, May 13, 2002.
72. Flickinger JC; Kondziolka D; Maitz A; Lunsford LD. Gamma knife radiosurgery of imaging-diagnosed intracranial meningioma. 44<sup>th</sup> Annual Meeting of the American Society for Therapeutic Radiology and Oncology, October 7, 2002, New Orleans, LA.
73. Flickinger JC. Intensity modulated radiation therapy of brain tumors. D3 course on IMRT, Pittsburgh PA. 2-3 times per year since Feb 2003.
74. Flickinger JC (Invited lectures) Radiobiology of Radiosurgery, Radiotherapy vs Radiosurgery of Acoustic Neuroma, Radiosurgery of Brain Metastases. Marseille, France. Oct 13-15, 2003.
75. Flickinger, JC (Invited lecture): Radiosurgery of brain metastases with and without whole brain radiotherapy. Cleveland Clinic, Neuro-oncology 2004, Current Concepts, Orlando FL. Feb 1,

2004.

76. Flickinger, JC: Principles of Radiotherapy for Cancer Biology & Therapeutics Course, BST Bldg. Pittsburgh, PA. October 1, 2004.
77. Flickinger, JC. Lecture “Craniopharyngioma” Tuesday, Oct. 5, 2004. Presentation “Benign Tumors of Central Nervous System” October 6, 2004. ASTRO-2004 Annual Meeting in Atlanta, Georgia. October 3-7.
78. Flickinger, JC: (Lecture given): Radiobiology Factors in Radiosurgery of the Brain and Spine, Neuro-Oncology Symposium, Hillman Cancer Center, Pittsburgh, PA. September 9, 2005.
79. Flickinger, JC: (Lecture given): Estimating tumor definition variability in acoustic schwannoma radiosurgery, and how it affects dosimetry. International Stereotactic Radiosurgery Society Congress. Brussels, Belgium. September 12, 2005.
81. Flickinger, JC: (Lecture given): Relative risk of cancerogenesis after fractionated and single-dose stereotactic irradiation. International Stereotactic Radiosurgery Society Congress, Brussels, Belgium. September 13, 2005.
82. Flickinger, JC: (Lecture given): How much does the addition of stereotactic T2 images affect tumor definition and treatment plans for acoustic schwannoma radiosurgery. International Stereotactic Radiosurgery Society Congress. Brussels, Belgium. September 15, 2005.
83. Flickinger JC: Principles of Radiotherapy for Cancer Biology & Therapeutics Course, BST Bldg. Pittsburgh, PA. October 5, 2005.
84. Flickinger, JC: IMRT and Brain, Clinical application of IMRT, D3 Radiation Planning. “Use of IMRT for brain tumors”, Pittsburgh, PA. November 20, 2005
85. Flickinger, JC: (Lecture given): “Brain Tumors”. Shadyside Hospital, Ground Level Radiation Oncology, Pittsburgh, PA. February 28, 2006.
86. Flickinger, JC: (Invited Lecture given): “Target Delineation for Stereotactic Radiosurgery”. Annual Pool Society Meeting. Augusta, Georgia. March 4, 2006.
87. Flickinger JC: (Lecture given) Principles and Practice of Palliative Care lecture. ‘Palliative Uses of Radiation Therapy’. Parkvale Plaza Building, Pittsburgh, PA. 15213. April 3, 2006.
88. Flickinger, JC: (Lecture) “Radiobiological review” SRS Training program. Hillman Conference Center, Shadyside Hospital, Pittsburgh, PA. 15232. August 23, 2006.
89. Flickinger JC: “Multivariate and Subgroup Analysis of Radiotherapy in Surgical Patients with

Non- Small Cell Lung Cancer from the SEER Database.,” at ASTRO’s 48<sup>th</sup> Annual Meeting. November 5 to 7, 2006, Philadelphia, PA, 2006.

90. Flickinger, JC: (Lecture) “Palliative uses of Radiation Therapy” for “Principles and practice of Palliative care” course. Parkvale Plaza Building, Pittsburgh, PA. 15213. November 13, 2006.
91. Flickinger, JC: (Lecture) “Radiobiological Review” (lecture covering radiobiological concepts of SRS, critical structure tolerances and toxicity). January 17, 2007. Herberman Conference Center, Pittsburgh, PA.
92. Flickinger, JC: (Lecture) “Presentation on Anatomy of the Brain”. D-3 Physics, Webex. Pittsburgh, PA. 15213. February 15, 2007.
93. Flickinger, JC: (Lecture) “Presentation on Radiosurgery” Herberman Conference Center, Pittsburgh, PA. February 21, 2007.
94. Flickinger, JC: (Lecture) “Brain” Case studies, D3 Radiation Planning, PhysiciansTraining. Cooper Conference Room, Hillman Cancer Center, Pittsburgh, PA. March 24, 2007.
95. Flickinger, JC: (Oral presentation) “AVM obliteration dose-response for initial versus repeat radiosurgery”, at ISRS 8<sup>th</sup> Annual Meeting. San Francisco, California, USA. June 23 to June 27, 2007.
96. Flickinger, JC: (Oral presentation) “Modification of the radiosurgery-based arteriovenous malformation grading scale”, at ISRS 8<sup>th</sup> Annual Meeting. San Francisco, California, USA. June 23 to June 27, 2007.
97. Flickinger, JC: (Oral presentation) “Multivariate analysis of factors potentially affecting obliteration following AVM radiosurgery”, at ISRS 8<sup>th</sup> Annual Meeting. San Francisco, California, USA. June 23 to June 27, 2007.
98. Flickinger, JC: (Lecture) “Radiobiological Review”, D3 Radiation Planning. Shadyside Hospital, Herberman Conference Center, Pittsburgh, PA. September 19, 2007.
99. Flickinger, JC: (Lecture) “Brain “case studies, D3 Radiation Planning. Shadyside Hospital, Herberman Conference Center, Pittsburgh, PA. October 6, 2007.
100. Flickinger, JC: (Lecture) “Radiation for Chordomas”, Clinical Oncology Grand Rounds. UPMC Cancer Pavilion, 2nd Floor, Shadyside. Pittsburgh, PA. 15232. October 17, 2007.
101. Flickinger, JC: (Lecture) “Radiobiological Review”, D3 Varian SRS Course. Courtyard Marriott, Shadyside, Pittsburgh, PA. 15232. November 14, 2007.
102. Flickinger, JC: (Lecture) “Radiobiological Review”, D3 Varian SRS Course. Courtyard Marriott, Shadyside, Pittsburgh, PA. 15232. May 14<sup>th</sup> to May 15<sup>th</sup>, 2008.

103. Flickinger, JC: (Invited Lecture) “Optic Nerve Tolerance”, 14<sup>th</sup> International Leksell GK Society Meeting . Quebec, Quebec, Canada. May 18<sup>th</sup> to May 22<sup>nd</sup>, 2008.
104. Flickinger, JC: (Poster Viewing Presentation) “Effect of RPA Class in Patients with Anaplastic Astrocytoma and Glioblastoma treated with IMRT, with and without Concurrent Temozolomide.”, at ASTRO’S 50<sup>th</sup> Annual Meeting. September 22-24, 2008. Boston, Massachusetts, 02201.
105. Flickinger, JC: (Invited Lecturer) “Setting the New Limits of Radiosurgical Safety”. Northwestern University 3<sup>rd</sup> Annual Radiosurgery Symposium. October 3, 2008. Chicago, IL., 60611.
106. Flickinger, JC: (Lecture) “Palliative Uses of Radiation Therapy”. Principles and Practice of Palliative Care Course 2008. November 17, 2008. 219 Parkvale Building, Pittsburgh, PA. 15213.
107. Flickinger, JC: (Invited Lecturer) “Radiation Oncology” Grand Rounds Speaker at the University of Rochester. April 16 and April 17, 2009. University of Rochester, 601 Elmwood Avenue, Rochester, NY 14642-8647.
108. Flickinger, JC: (Lecture) “Radiobiological Review”. D3 Varian SRS Course. Shadyside Hospital. Herberman Conference Center. Pittsburgh, Pa. 15232. September 29, 2009.
109. Flickinger, JC: (Posterior Viewing Presentation) “Postoperative External Beam Radiotherapy for Keloids: Radiobiological Analysis of Multicenter Data” at ASTRO’S 51<sup>st</sup> Annual Meeting. November 2-4, 2009. Chicago, Illinois 60611.
110. Flickinger, JC: (Lecture) “Palliative Uses of Radiation Therapy”. Principles and Practice of Palliative Care Course 2009. November 16, 2009. G 100 Montefiore Hospital, Pittsburgh, PA. 15213.
111. Flickinger JC (invited lecture): **Radiosurgical Management of AVMs- The Pittsburgh Experience**. Sep 7<sup>th</sup>, 2012. Northwestern Radiosurgery Symposium, Chicago Il

### TEACHING EXPERIENCE

1983-1985	Harvard Medical School, Course #500M.3 MGH Core Clerkship in Radiology
1985-1986	Joint Radiation Oncology Center Teaching and supervision of Radiation Oncology residents
1985-present	Teaching and Supervision of University of Pittsburgh medical oncology fellows and medical students for elective rotations in Radiation Oncology
1988-present	Adviser for senior University of Pittsburgh medical students

1992-1995	Review courses on radiosurgery, American Society for Therapeutic Radiology and Oncology, 1992, 1994, 1995 and Radiological Society of North America Annual Meeting Chicago, Illinois, December 1992, 1993 Meeting, Chicago, Illinois, December 1992, 1993
1992-2000	Clinical Epidemiology and Statistics, University of Pittsburgh School of Medicine (first year course): Small group discussion leader
1993	Review course on Radiosurgery. RSNA 79th Annual Meeting, Chicago, Illinois, December 1993
1994	Review course on Radiosurgery. American Society for Therapeutic Radiology and Oncology, 34th Annual Meeting, San Francisco, CA, October 6, 1994.
1994	Visiting Professor, National Cancer Institute, Bethesda, Maryland, November 4, 1994.
1995-present	Radiosurgery training course for neurosurgeons, radiation oncologists, and radiation physicists to train in radiosurgery. Originally 3 two-week courses per year, now six one-week courses per year. I deliver lectures on radiobiology, informed consent, and radiation dose selection, as well as assist with hands on training
2000-present	Lecture for Cancer Biology and Experimental Therapeutics Course, Dr. Yalowich co-ordinator, Radiotherapy and Radiobiology, yearly 1 hr lecture since October, 2000.
2003-present	Intensity modulated radiation therapy of brain tumors. D3 course on IMRT, Pittsburgh PA. 2-3 times per year

### **OTHER TEACHING**

1. Radiation Oncology Clerkship (Course #5620X) – 1 student during 3/13 to 3/18/00, 1 student during 3/20 to 3/25/00, 1 student during 11/6 to 11/10/00, and 1 student during 1/2/01 to 1/5/01.
2. Supervise medical student Ajay Bhatnagar on research projects during his 3<sup>rd</sup> and 4<sup>th</sup> years, 2000-2002 (30 minutes a week).
3. Help supervise and teach Neurosurgery Residents in the Gamma Knife, Tuesday – Friday, 8 – 12 Noon (since 1987). This is done quarterly.
4. Supervise and teach University of Pittsburgh Radiation Oncology residents. 1985-6, and 2001-present. Attend weekly resident teaching conference.

### **CLINICAL RESEARCH PROTOCOLS**

1. A prospective randomized trial of stereotactic radiosurgery plus fractionated radiotherapy versus

fractionated radiotherapy alone for the management of multiple brain metastases (University of Pittsburgh). Principal Investigators: D. Kondziolka, J.C. Flickinger, L.D. Lunsford, M. Gilbert, P. Kornblith. In-House Support. Role: co-investigator. Status: protocol completed, results published.

2. Phase III study of treating a longer root length in radiosurgery for trigeminal neuralgia (University of Pittsburgh and Mayo Clinic). J.C. Flickinger, D. Kondziolka, L.D. Lunsford, B. Pollock. In-House Support. Role: PI. Status: protocol completed, results published.
3. Radiotherapy to Prevent Fibrosis after Lumbar Laminectomy. Gerszten PC (PI), Moossy JJ, Flickinger JC, Welch WC. National Institute of Arthritis and Musculoskeletal and Skin Diseases. R21 AR47121. Role: Co-investigator (wrote and designed most of the protocol, developed the radiotherapy technique). Status: protocol closed early when FDA discontinued commercial sale of ADCON-L (used during surgery) because of contamination at manufacture, results published).
4. Phase I study of celebrex and 5-fluorouracil/radiotherapy in the pre-operative treatment of rectal cancer. Present PI: John C. Flickinger MD original PI: John Varlotta MD, Pharmacia 7/00-1/05)
5. A randomized study of Gamma Knife radiosurgery for trigeminal neuralgia with a maximum dose of 80-Gy versus 90-Gy. John C. Flickinger (PI), Co-investigators: Douglas Kondziolka, Dade Lunsford, Michael Habeck. Status: submitted to University of Pittsburgh IRB.

#### **RESEARCH SUPPORT**

1. Claude Worthington Benedum Foundation. Computer modeling to predict complications from radiosurgery. 1989-1992. (\$10,000 per year for three years).
2. Radiotherapy for prevent fibrosis after lumbar laminectomy. Gerszten PC (PI), Moossy JJ, Flickinger JC, Welch WC. NIH grant #1 R21 AR47121. 2000 to 2002 \$150,000 (5% effort for JCF)
3. A randomized study of Gamma Knife radiosurgery for trigeminal neuralgia with a maximum dose of 80-Gy versus 90-Gy. John C. Flickinger, M.D. (PI), Douglas Kondziolka, M.D. (co-PI), , and L. Dade Lunsford, M.D. Elekta Instruments, Inc. 2004-5. \$35,000.
4. Phase I study of celebrex and 5-fluorouracil/radiotherapy in the pre-operative treatment of rectal cancer. Present PI: John C. Flickinger MD (Original PI: John Varlotta MD), Pharmacia 7/00-7/31/05. \$41,572. Closed Jan 2005.
5. A Randomized Study to Determine Whether Radiation Oncologists Can Improve Patient Satisfaction by Attempting to Meet Their Patients' Preferences. American Society of Therapeutic Radiology Oncology (ASTRO) Grant: How Can Radiation Oncologists Better Serve Their Patients? Ajay Bhatnagar, M.D. (PI), Flickinger JC, M.D. (co-PI). Dates: July 1, 2005 - July 1, 2006. Amount:\$30,000.

Updated: 11/01/2020