Washington State Health Care Authority

Health Technology Assessment

Stereotactic Radiosurgery and Stereotactic Body Radiation Therapy

Appendix B. Excluded Studies

October 15, 2012

Health Technology Assessment Program (HTA)
Washington State Health Care Authority
PO Box 42712
Olympia, WA 98504-2712
(360) 725-5126

http://www.hta.hca.wa.gov
SHTAP@HCA.WA.GOV

Stereotactic Radiosurgery and Stereotactic Body Radiation Therapy

Appendix B. Excluded Studies
October 2012

Center for Evidence-based Policy
Oregon Health & Science University
3455 SW US Veterans Hospital Road
Mailstop SN-4N, Portland, OR 97239-2941
Phone: 503.494.2182
Fax: 503.494.3807
http://www.ohsu.edu/xd/research/centers-institutes/evidence-based-policy-center/

Appendix B. Excluded Studies

Comparator Not Relevant

Arthurs, B. J., Fairbanks, R. K., Demakas, J. J., Lamoreaux, W. T., Giddings, N. A., Mackay, A. R., et al. (2011). A review of treatment modalities for vestibular schwannoma. *Neurosurgical Review, 34*(3), 265-277.

Banerjee, R., Moriarty, J. P., Foote, R. L., & and Pollock, B. (2008). Comparison of the surgical and follow-up costs associated with microsurgical resection and stereotactic radiosurgery for vestibular schwannoma. *J Neurosurg, 108*(6), 1220-1224.

Bartsch, R., Weitmann, H. D., Pennwieser, W., Wenzel, C., Muschitz, S., Baldass, M., et al. (2005). Retrospective analysis of re-irradiation in malignant glioma: A single-center experience. *Wiener Klinische Wochenschrift, 117*(23-24), 821-826.

Cai, R., Barnett, G. H., Novak, E., Chao, S. T., & Suh, J. H. (2010). Principal risk of peritumoral edema after stereotactic radiosurgery for intracranial meningioma is tumor-brain contact interface area. *Neurosurgery, 66*(3), 513-522.

Chabert, S., Velikay-Parel, M., & Zehetmayer, M. (2004). Influence of uveal melanoma therapy on patients' quality of life: A psychological study. *Acta Ophthalmologica Scandinavica, 82*(1), 25-31.

Cho, D. Y., Chen, C. C., Chang, C. S., Lee, W. Y., & Tso, M. (2006). Endoscopic surgery for spontaneous basal ganglia hemorrhage: Comparing endoscopic surgery, stereotactic aspiration, and craniotomy in noncomatose patients. *Surgical Neurology, 65*(6), 547-555.

Cho, K. H., Hall, W. A., Lo, S. S., & Dusenbery, K. E. (2004). Stereotactic radiosurgery versus fractionated stereotactic radiotherapy boost for patients with glioblastoma multiforme. *Technology in Cancer Research & Treatment, 3*(1), 41-49.

Chua, D. T., Wei, W. I., Sham, J. S., Hung, K. N., & Au, G. K. (2007). Stereotactic radiosurgery versus gold grain implantation in salvaging local failures of nasopharyngeal carcinoma. *International Journal of Radiation Oncology, Biology, Physics, 69*(2), 469-474.

Cohen, V. M., Carter, M. J., Kemeny, A., Radatz, M., & Rennie, I. G. (2003). Metastasis-free survival following treatment for uveal melanoma with either stereotactic radiosurgery or enucleation. *Acta Ophthalmologica Scandinavica, 81*(4), 383-388.

Combs, S. E., Burkholder, I., Edler, L., Rieken, S., Habermehl, D., Jakel, O., et al. (2010). Randomised phase I/II study to evaluate carbon ion radiotherapy versus fractionated stereotactic radiotherapy in patients with recurrent or progressive gliomas: The CINDERELLA trial. *BMC Cancer, 10*, 533.

Crabtree TD, Delinger CE, Meyers BF, El Naga I, Zoole J, Krupnick AS, et al. (2010). Stereotactic body radiation therpy versus surgical resection for statge I non-small cell lung cancer. *J Thorac Cardiovasc Surg*, *140*(2), 377-86.

Crabtree, T. D., Denlinger, C. E., Meyers, B. F., El Naqa, I., Zoole, J., Krupnick, A. S., et al. (2010). Stereotactic body radiation therapy versus surgical resection for stage I non-small cell lung cancer. *Journal of Thoracic & Cardiovascular Surgery, 140*(2), 377-386.

D'Agostino, G. R., Autorino, R., Pompucci, A., De Santis, M. C., Manfrida, S., Di Lella, G., et al. (2011). Whole-brain radiotherapy combined with surgery or stereotactic radiotherapy in patients with brain oligometastases: Long-term analysis. *Strahlentherapie Und Onkologie, 187*(7), 421-425.

Di Maio, S., & Akagami, R. (2009). Prospective comparison of quality of life before and after observation, radiation, or surgery for vestibular schwannomas. *Journal of Neurosurgery, 111*(4), 855-862.

Eid, A. S., Chang, U. K., Lee, S. Y., & Jeon, D. G. (2011). The treatment outcome depending on the extent of resection in skull base and spinal chordomas. *Acta Neurochirurgica, 153*(3), 509-516.

Fernandez FG, Crabtree TD, Liu J, Meyers BF. Sublobar resection versus definitive radiation in patients with stage IA non-small cell lung cancer. Ann Thorac Surg. 2012 Aug;94(2):354-60; discussion 360-1.

Fuentes, R., Bonfill Cosp, X., & Exposito Hernandez, J. (2010). Surgery versus radiosurgery for patients with a solitary brain metastasis from non-small cell lung cancer. *Cochrane Database of Systematic Reviews, 3*

Furdova, A., Slezak, P., Chorvath, M., Waczulikova, I., Sramka, M., & Kralik, G. (2010). No differences in outcome between radical surgical treatment (enucleation) and stereotactic radiosurgery in patients with posterior uveal melanoma. *Neoplasma, 57*(4), 377-381.

Georgopoulos, M., Zehetmayer, M., Ruhswurm, I., Toma-Bstaendig, S., Segur-Eltz, N., Sacu, S., et al. (2003). Tumour regression of uveal melanoma after ruthenium-106 brachytherapy or stereotactic radiotherapy with gamma knife or linear accelerator. *Ophthalmologica, 217*(5), 315-319.

Georgopoulos, M., Zehetmayer, M., SegurEltz, N., Sacu, S., & Menapace, R. (2002). Tumorregression of uveal melanoma after ruthenium-106 brachytherapy or stereotactic radiotherapy with gamma-knife or LINAC. *Spektrum Der Augenheilkunde, 16*(2), 80.

Gottfried, O. N., Liu, J. K., & Couldwell, W. T. (2004). Comparison of radiosurgery and conventional surgery for the treatment of glomus jugulare tumors. *Neurosurgical Focus, 17*(2), E4.

Grills, I. S., Mangona, V. S., Welsh, R., Chmielewski, G., McInerney, E., Martin, S., et al. (2010). Outcomes after stereotactic lung radiotherapy or wedge resection for stage I non-small-cell lung cancer. *Journal of Clinical Oncology, 28*(6), 928-935.

Guo, J., Sun, X. N., & Huang, M. (2005). [Evaluation of the efficacy for alternated treatment on primary liver cancer by interventional therapy in combination with fractionated stereotactic conformal radiotherapy]. *Chinese Journal of Clinical Oncology, 32*(24), 1418-1420.

Hinerman, R. W., Amdur, R. J., Morris, C. G., Kirwan, J., & Mendenhall, W. M. (2008). Definitive radiotherapy in the management of paragangliomas arising in the head and neck: A 35-year experience. *Head & Neck, 30*(11), 1431-1438.

Hocht, S., Stark, R., Seiler, F., Heufelder, J., Bechrakis, N. E., Cordini, D., et al. (2005). Proton or stereotactic photon irradiation for posterior uveal melanoma? A planning intercomparison. *Strahlentherapie Und Onkologie : Organ Der Deutschen Rontgengesellschaft ...[Et Al], 181*(12), 783-788.

Huang WY, Jen YM, Lee MS, et al. (2012). Stereotactic body radiation therapy in recurrent hepatocellular carcinoma. *Int J Radiat Oncol Biol Phys,* [epub ahead of print].

Hurkmans, C. W., van Lieshout, M., Schuring, D., van Heumen, M. J., Cuijpers, J. P., Lagerwaard, et al. (2011). Quality assurance of 4D-CT scan techniques in multicenter phase III trial of surgery versus stereotactic radiotherapy (radiosurgery or surgery for operable early stage (stage 1A) non-small-cell lung cancer [ROSEL] study). *International Journal of Radiation Oncology, Biology, Physics, 80*(3), 918-927.

Hwang, S. W., Abozed, M. M., Hale, A., Eisenberg, R. L., Dvorak, T., Yao, K., et al. (2010). Adjuvant gamma knife radiosurgery following surgical resection of brain metastases: A 9-year retrospective cohort study. *Journal of Neuro-Oncology, 98*(1), 77-82.

Ivan ME, Sughrue ME, Clark AJ, Kane AJ, Aranda D, Barani IJ, Parsa AT. A meta-analysis of tumor control rates and treatment-related morbidity for patients with glomus jugulare tumors. J Neurosurg. 2011 May;114(5):1299-305.

Ivan, M. E., Sughrue, M. E., Clark, A. J., Kane, A. J., Aranda, D., Barani, I. J., et al. (2011). A meta-analysis of tumor control rates and treatment-related morbidity for patients with glomus jugulare tumors. *Journal of Neurosurgery, 114*(5), 1299-1305.

Jagannathan, J., Yen, C. P., Ray, D. K., Schlesinger, D., Oskouian, R. J., Pouratian, N., et al. (2009). Gamma knife radiosurgery to the surgical cavity following resection of brain metastases. *Journal of Neurosurgery, 111*(3), 431-438.

Jagannathan, J.Y., C. P.; Ray, D. K.; Schlesinger, D.; Oskouian, R. J.; Pouratian, N.; Shaffrey, M. E.; Larner, J.; Sheehan, J. P., Gamma Knife radiosurgery to the surgical cavity following resection of brain metastases. Journal of Neurosurgery, 2009. 111(3): p. 431-8.

Javalkar, V., Cardenas, R., Ampil, F., Ahmed, O., Shi, R., & Nanda, A. (2010). The louisiana state university experience in the management of single small cerebellar metastasis. *Neurosurgery, 67*(6), 1515-1522.

Jensen, C. A., Chan, M. D., McCoy, T. P., Bourland, J. D., deGuzman, A. F., Ellis, T. L., et al. B. (2011). Cavity-directed radiosurgery as adjuvant therapy after resection of a brain metastasis. *Journal of Neurosurgery, 114*(6), 1585-1591.

Jeon, C. J., Kong, D. S., Nam, D. H., Lee, J. I., Park, K., & Kim, J. H. (2010). Communicating hydrocephalus associated with surgery or radiosurgery for vestibular schwannoma. *Journal of Clinical Neuroscience, 17*(7), 862-864.

Jo, K. W., Kim, C. H., Kong, D. S., Seol, H. J., Nam, D. H., Park, K., et al. (2011). Treatment modalities and outcomes for asymptomatic meningiomas. *Acta Neurochirurgica, 153*(1), 62-67.

Karpinos, M., Teh, B. S., Zeck, O., Carpenter, L. S., Phan, C., Mai, W. Y., et al. (2002). Treatment of acoustic neuroma: Stereotactic radiosurgery vs. microsurgery. *International Journal of Radiation Oncology, Biology, Physics, 54*(5), 1410-1421.

Kashkouli, M. B., Kaghazkanai, R., Mirzaie, A. Z., Hashemi, M., Parvaresh, M. M., & Sasanii, L. (2008). Clinicopathologic comparison of radiofrequency versus scalpel incision for upper blepharoplasty. *Ophthalmic Plastic and Reconstructive Surgery, 24*(6), 450-453.

Katz AJ, Santoro M, Ashley R, Diblasio F. Stereotactic Body Radiation Therapy for Low- and Low-Intermediate-Risk Prostate Cancer: Is there a Dose Effect? Front Oncol. 2011;1:49. Epub 2011 Dec 5.

Kim, Y. J., Cho, K. H., Kim, J. Y., Lim, Y. K., Min, H. S., Lee, S. H., et al. (2011). Single-dose versus fractionated stereotactic radiotherapy for brain metastases. *International Journal of Radiation Oncology, Biology, Physics, 81*(2), 483-489.

Lindvall, P., Bergstrom, P., Lofroth, P. O., & Bergenheim, T.A. (2009). A comparison between surgical resection in combination with WBRT or hypofractionated stereotactic irradiation in the treatment of solitary brain metastases. *Acta Neurochirurgica, 151*(9), 1053-1059.

Linskey, M. E., Davis, S. A., & Ratanatharathorn, V. (2005). Relative roles of microsurgery and stereotactic radiosurgery for the treatment of patients with cranial meningiomas: A single-surgeon 4-year integrated experience with both modalities. *Journal of Neurosurgery, 102*(Suppl), 59-70.

Louie AV, Rodrigues G, Hannouf M, Lagerwaard F, Palma D, et al. Withholding stereotactic radiotherapy in elderly patients with stage I non-small cell lung cancer and co-existing COPD is not justified: outcomes of a Markov model analysis. Radiother Oncol. 2011 May;99(2):161-5.

Morrison, D. (2010). Management of patients with acoustic neuromas: A markov decision analysis. *Laryngoscope, 120*(4), 783-790.

Moulding HD, Elder JB, Lis E, Lovelock DM, Zhang Z, Yamada Y, Bilsky MH. Local disease control after decompressive surgery and adjuvant high-dose single-fraction radiosurgery for spine metastases. *J Neurosurg Spine.* 2010 Jul;13(1):87-93. *Memorial Hospital for Cancer and the Allied Diseases, New York*

Moulding, H. D., Elder, J. B., Lis, E., Lovelock, D. M., Zhang, Z., Yamada, Y., et al. (2010). Local disease control after decompressive surgery and adjuvant high-dose single-fraction radiosurgery for spine metastases. *Journal of Neurosurgery Spine, 13*(1), 87-93.

Myrseth, E., Moller, P., Pedersen, P.H., & Lund-Johansen, M. (2009). Vestibular schwannoma: surgery or gamma knife radiosurgery? A prospective, nonrandomized study. *Neurosurgery, 64*(4),654-61.

Nguyen NP, Garland L, Welsh J, Hamilton R, Cohen D, Vinh-Hung V. Can stereotactic fractionated radiation therapy become the standard of care for early stage non-small cell lung carcinoma. *Cancer Treat Rev.* 2008 Dec;34(8):719-27. *University of Arizona, Tucson*

Nguyen, N. P., Garland, L., Welsh, J., Hamilton, R., Cohen, D., & Vinh-Hung, V. (2008). Can stereotactic fractionated radiation therapy become the standard of care for early stage non-small cell lung carcinoma. *Cancer Treatment Reviews, 34*(8), 719-727.

Nicolato, A., Foroni, R., Alessandrini, F., Bricolo, A., & Gerosa, M. (2002). Radiosurgical treatment of cavernous sinus meningiomas: Experience with 122 treated patients. *Neurosurgery, 51*(5), 1153-1159.

Palma DA, Tyldesley S, Sheehan F, Mohamed IG, Smith S, et al. Stage I non-small cell lung cancer (NSCLC) in patients aged 75 years and older: does age determine survival after radical treatment? J Thorac Oncol. 2010 Jun;5(6):818-24.

Pollock, B. E., & Link, M. J. (2008). Vestibular schwannoma radiosurgery after previous surgical resection or stereotactic radiosurgery. *Progress in Neurological Surgery, 21*, 163-168.

Pollock, B. E., Driscoll, C. L., Foote, R. L., Link, M. J., Gorman, D. A., Bauch, C. D., et al. (2006). Patient outcomes after vestibular schwannoma management: A prospective comparison of microsurgical resection and stereotactic radiosurgery. *Neurosurgery, 59*(1), 77-85.

Pollock, B. E., Stafford, S. L., Utter, A., Giannini, C., & Schreiner, S. A. (2003). Stereotactic radiosurgery provides equivalent tumor control to simpson grade 1 resection for patients with small- to medium-size meningiomas. *International Journal of Radiation Oncology, Biology, Physics, 55*(4), 1000-1005.

Puri V, Crabtree TD, Kymes S, Gregory M, Bell J, et al. A comparison of surgical intervention and stereotactic body radiation therapy for stage I lung cancer in high-risk patients: a decision analysis. J Thorac Cardiovasc Surg. 2012 Feb;143(2):428-36.

Rades, D., Kueter, J. D., Pluemer, A., Veninga, T., & Schild, S. E. (2009). A matched-pair analysis comparing whole-brain radiotherapy plus stereotactic radiosurgery versus surgery plus whole-brain radiotherapy and a boost to the metastatic site for one or two brain metastases. *International Journal of Radiation Oncology, Biology, Physics, 73*(4), 1077-1081.

Rades, D., Kueter, J. D., Veninga, T., Gliemroth, J., & Schild, S. E. (2009). Whole brain radiotherapy plus stereotactic radiosurgery (WBRT+SRS) versus surgery plus whole brain radiotherapy (OP+WBRT) for 1-3 brain metastases: Results of a matched pair analysis. *European Journal of Cancer, 45*(3), 400-404.

Roberge D, Souhami L. Tumor bed radiosurgery following resection of brain metastases: a review. *Technol Cancer Res Treat*. 2010 Dec;9(6):597-602. *McGill University, Montreal*

Saringer, W., Kitz, K., Czerny, C., Kornfehl, J., Gstottner, W., Matula, C., & Knosp, E. (2002). Paragangliomas of the temporal bone: Results of different treatment modalities in 53 patients. *Acta Neurochirurgica, 144*(12), 1255-1264.

Shin, Y. J., Lapeyre-Mestre, M., Gafsi, I., Cognard, C., Deguine, O., Tremoulet, M., & Fraysse, B. (2003). Neurotological complications after radiosurgery versus conservative management in acoustic neuromas: A systematic review-based study. *Acta Oto-Laryngologica, 123*(1), 59-64.

Skeie BS, Enger PO, Skeie GO, Thorsen F, Pedersen PH. Gamma knife surgery of meningiomas involving the cavernous sinus: long-term follow-up of 100 patients. Neurosurgery. 2010;66(4):661.

Skeie, B. S., Enger, P. O., Skeie, G. O., Thorsen, F., & Pedersen, P. H. (2010). Gamma knife surgery of meningiomas involving the cavernous sinus: Long-term follow-up of 100 patients. *Neurosurgery, 66*(4), 661-668.

Sughrue, M. E., Rutkowski, M. J., Aranda, D., Barani, I. J., McDermott, M. W., & Parsa, A. T. (2010). Factors affecting outcome following treatment of patients with cavernous sinus meningiomas. *Journal of Neurosurgery, 113*(5), 1087-1092.

Sughrue, M. E., Yang, I., Kane, A. J., Fang, S., Clark, A. J., Aranda, D., . . . Parsa, A. T. (2011). Endocrinologic, neurologic, and visual morbidity after treatment for craniopharyngioma. *Journal of Neuro-Oncology, 101*(3), 463-476.

Szeifert, G. T., Kondziolka, D., Atteberry, D. S., Salmon, I., Rorive, S., Levivier, M., & Lunsford, L. D. (2007). Radiosurgical pathology of brain tumors: Metastases, schwannomas, meningiomas, astrocytomas, hemangioblastomas. *Progress in Neurological Surgery, 20*, 91-105.

Unger, F., Walch, C., Papaefthymiou, G., Feichtinger, K., Trummer, M., & Pendl, G. (2002). Radiosurgery of residual and recurrent vestibular schwannomas. *Acta Neurochirurgica, 144*(7), 671-676.

van de Langenberg, R., Hanssens, P. E., van Overbeeke, J. J., Verheul, J. B., Nelemans, P. J., de Bondt, B. J., & Stokroos, R. J. (2011). Management of large vestibular schwannoma. part I. planned subtotal resection followed by gamma knife surgery: Radiological and clinical aspects. *Journal of Neurosurgery, 115*(5), 875-884.

Wang, L. W., Shiau, C. Y., Chung, W. Y., Wu, H. M., Guo, W. Y., Liu, K. D., . . . Pan, D. H. (2006). Gamma knife surgery for low-grade astrocytomas: Evaluation of long-term outcome based on a 10-year experience. *Journal of Neurosurgery, 105*(Suppl), 127-132.

Yang, Z. X., Wang, D., Wang, G., Zhang, Q. H., Liu, J. M., Peng, P., & Liu, X. H. (2010). Clinical study of recombinant adenovirus-p53 combined with fractionated stereotactic radiotherapy for hepatocellular carcinoma. *Journal of Cancer Research and Clinical Oncology, 136*(4), 625-630.

Could Not Locate Citation

Brain Talk, Volume 6, Number 2

Elliott *et al.,* the risk of permanent neurological deficit was less than 3.3% for lesions less than 2 cm in eloquent areas to 0% in lesions in non-eloquent areas (J Neurosurg 113:53–64, 2010).

Lal *et al*. SRS with observation compared to whole brain plus SRS. (American Journal of Clinical Oncology 35:1 Feb 2012).

Meier R, Beckman A et al. Stereotactic Radiotherapy for Organ-confined Prostate Cancer: Early Toxicity and Quality of Life Outcomes from a Multi-institutional Trial. *International Journal of Radiation Oncology Biology Physics*. 78(3):S57 (2010)

Intervention Not Relevant

Amichetti, M., Amelio, D., Cianchetti, M., Enrici, R. M., & Minniti, G. (2010). A systematic review of proton therapy in the treatment of chondrosarcoma of the skull base. *Neurosurgical Review, 33*(2), 155-165.

Amichetti, M., Cianchetti, M., Amelio, D., Enrici, R. M., & Minniti, G. (2009). Proton therapy in chordoma of the base of the skull: A systematic review. *Neurosurgical Review, 32*(4), 403-416.

Anderson, R. C., McDowell, M. M., Kellner, C. P., Appelboom, G., Bruce, S. S., Kotchetkov, I. S., . . . Lavine, S. D. (2012). Arteriovenous malformation-associated aneurysms in the pediatric population. *Journal of Neurosurgery.Pediatrics, 9*(1), 11-16.

ApSimon, H. T., Reef, H., Phadke, R. V., & Popovic, E. A. (2002). A population-based study of brain arteriovenous malformation: Long-term treatment outcomes. *Stroke, 33*(12), 2794-2800.

Archibald, D. J., Neff, B. A., Voss, S. G., Splinter, P. L., Driscoll, C. L., Link, M. J., . . . Kwon, E. D. (2010). B7-H1 expression in vestibular schwannomas. *Otology & Neurotology, 31*(6), 991-997.

Armoogum, K. S., Parry, J. M., Souliman, S. K., Sutton, D. G., & Mackay, C. D. (2007). Functional intercomparison of intraoperative radiotherapy equipment - photon radiosurgery system. *Radiation Oncology, 2*, 11.

Asgari, S., Bassiouni, H., Gizewski, E., van de Nes, J. A., Stolke, D., & Sandalcioglu, I. E. (2010). AVM resection after radiation therapy--clinico-morphological features and microsurgical results. *Neurosurgical Review, 33*(1), 53-61.

Auberger, T., Seydl, K., Futschek, T., Sztankay, A., Sweeney, R. A., & Lukas, P. (2007). Photons or protons: Precision radiotherapy of lung cancer. *Strahlentherapie Und Onkologie, 183*(Spec 2), 3-6.

Back, L. J., Liukko, T., Sinkkonen, S. T., Ylikoski, J., & Makitie, A. A. (2009). Complication rates of radiofrequency surgery in the upper airways: A single institution experience. *Acta Oto-Laryngologica, 129*(12), 1469-1473.

Balducci, M., Apicella, G., Manfrida, S., Mangiola, A., Fiorentino, A., Azario, L., . . . Cellini, N. (2010). Single-arm phase II study of conformal radiation therapy and temozolomide plus fractionated stereotactic conformal boost in high-grade gliomas: Final report. *Strahlentherapie Und Onkologie, 186*(10), 558-564.

Baumert, B. G., Brada, M., Bernier, J., Kortmann, R. D., DehingOberije, C., Collette, L., et al. (2008). EORTC 22972-26991/MRC BR10 trial: Fractionated stereotactic boost following conventional radiotherapy of high grade gliomas. clinical and quality-assurance results of the stereotactic boost arm. *Radiotherapy and Oncology : Journal of the European Society for Therapeutic Radiology and Oncology, 88*(2), 163-172.

Bennett, M. H., Feldmeier, J., Hampson, N., Smee, R., & Milross, C. (2012). Hyperbaric oxygen therapy for late radiation tissue injury. *Cochrane Database of Systematic Reviews, 5*

Bristol, R. E., Albuquerque, F. C., Spetzler, R. F., Rekate, H. L., McDougall, C. G., & Zabramski, J. M. (2006). Surgical management of arteriovenous malformations in children. *Journal of Neurosurgery, 105*(2 Suppl), 88-93.

Burton, M. J., & Doree, C. (2009). Harmonic scalpel versus other surgical procedures for tonsillectomy. *Cochrane Database of Systematic Reviews, 1*

Chang, C. N., Chen, W. C., Wei, K. C., Ng, S. H., Ho, Y. S., Huang, D. Y., . . . Hong, J. H. (2003). High-dose-rate stereotactic brachytherapy for patients with newly diagnosed glioblastoma multiformes. *Journal of Neuro-Oncology, 61*(1), 45-55.

Chen, H., Mack, E., & Starling, J. R. (2005). A comprehensive evaluation of perioperative adjuncts during minimally invasive parathyroidectomy: Which is most reliable?. *Annals of Surgery, 242*(3), 375-380.

Chico-Ponce de Leon, F., Perezpena-Diazconti, M., Castro-Sierra, E., Guerrero-Jazo, F. J., Gordillo-Dominguez, L. F., Gutierrez-Guerra, R., . . . DeMontesinos-Sampedro, A. (2003). Stereotactically-guided biopsies of brainstem tumors. *Childs Nervous System, 19*(5-6), 305-310.

Cho, D. Y., Chen, C. C., Chang, C. S., Lee, W. Y., & Tso, M. (2006). Endoscopic surgery for spontaneous basal ganglia hemorrhage: Comparing endoscopic surgery, stereotactic aspiration, and craniotomy in noncomatose patients. *Surgical Neurology, 65*(6), 547-555.

Chouaid, C., Atsou, K., Hejblum, G., & Vergnenegre, A.. (2009). Economics of Treatments for Non-Small Cell Lung Cancer. PharmacoEconomics, 27(2), 113-25. Retrieved September 6, 2011, from Alumni - ABI/INFORM Complete. (Document ID: 1692754451).

Clark, B. G., Candish, C., Vollans, E., Gete, E., Lee, R., Martin, M., . . . McKenzie, M. (2008). Optimization of stereotactic radiotherapy treatment delivery technique for base-of-skull meningiomas. *Medical Dosimetry, 33*(3), 239-247.

Clarke, M. J., Erickson, D., Castro, M. R., & Atkinson, J. L. (2008). Thyroid-stimulating hormone pituitary adenomas. *Journal of Neurosurgery, 109*(1), 17-22.

da Costa, L., Thines, L., Dehdashti, A. R., Wallace, M. C., Willinsky, R. A., Tymianski, M., . . . ter Brugge, K. G. (2009). Management and clinical outcome of posterior fossa arteriovenous malformations: Report on a single-centre 15-year experience. *Journal of Neurology, Neurosurgery & Psychiatry, 80*(4), 376-379.

Damast S, Wright J, Bilsky M, Hsu M, Zhang Z, Lovelock M, Cox B, Zatcky J, Yamada Y Impact of Dose on Local Failure Rates after Image-Guided Reirradiation of Recurrent Paraspinal Metastases. *Int J Radiat Oncol Biol Phys.* 2010 Sep 30. *Memorial Sloan-Kettering Cancer Center, NY* [Epub ahead of print]

D'Ambrosio, A. L., & Agazzi, S. (2007). Prognosis in patients presenting with brain metastasis from an undiagnosed primary tumor. *Neurosurgical Focus, 22*(3), E7.

David, P., Sadeghi, N., Neugroschel, C., Jissendi, P., Lubicz, B., Delpierre, I., . . . Baleriaux, D. (2007). Information on heavy equipments and facilities in belgium: Gamma-knife. *Jbr-Btr: Organe De La Societe Royale Belge De Radiologie, 90*(4), 252-257.

Derrey, S., Blond, S., Reyns, N., Touzet, G., Carpentier, P., Gauthier, H., & Dhellemmes, P. (2008). Management of cystic craniopharyngiomas with stereotactic endocavitary irradiation using colloidal 186Re: A retrospective study of 48 consecutive patients. *Neurosurgery, 63*(6), 1045-1052.

Dhellemmes, P., & Vinchon, M. (2006). Radical resection for craniopharyngiomas in children: Surgical technique and clinical results. *Journal of Pediatric Endocrinology, 19*(Suppl 1), 329-335.

Di Rocco, C., Caldarelli, M., Tamburrini, G., & Massimi, L. (2006). Surgical management of craniopharyngiomas--experience with a pediatric series. *Journal of Pediatric Endocrinology, 19*(Suppl 1), 355-366.

Dogan N, Glasgow GP. Surface and build-up region dosimetry for obliquely incident intensity modulated radiotherapy 6 MV x rays. *Med Phys.* 2003 Dec;30(12):3091-6. *Loyola University, Maywood*

Donahue, B. R., Goldberg, J. D., Golfinos, J. G., Knopp, E. A., Comiskey, J., Rush, S. C., . . . Cooper, J. S. (2003). Importance of MR technique for stereotactic radiosurgery. *Neuro-Oncology, 5*(4), 268-274.

Du, R., Young, W. L., & Lawton, M. T. (2004). "Tangential" resection of medial temporal lobe arteriovenous malformations with the orbitozygomatic approach. *Neurosurgery, 54*(3), 645-651.

Elmalem, V. I., Younge, B. R., Biousse, V., Leavitt, J. A., Moster, M. L., Warner, J., . . . Newman, N. J. (2009). Clinical course and prognosis of trochlear nerve schwannomas. *Ophthalmology, 116*(10), 2011-2016.

Engineer, R., Bhutani, R., Mahantshetty, U., Murthy, V., & Shrivastava, S.K. (2010). From 2-dimensional to three-dimensional conformal radiotherapy in prostate cancer: an Indian experience. *Indian Journal of Cancer, 47*(3), 332-338.

Eppinga W, Lagerwaard F, Verbakel W, Slotman B, Senan S. Volumetric modulated arc therapy for advanced pancreatic cancer. *Strahlenther Onkol*. 2010 Jul;186(7):382-7. *VU University Medical Center, Amsterdam, NL*

Ericsson, E., & Hultcrantz, E. (2007). Tonsil surgery in youths: Good results with a less invasive method. *The Laryngoscope, 117*(4), 654-661.

Ericsson, E., & Hultcrantz, E. (2007). Tonsil surgery in youths: Good results with a less invasive method. *Laryngoscope, 117*(4), 654-661.

Ericsson, E., Lundeborg, I., & Hultcrantz, E. (2009). Child behavior and quality of life before and after tonsillotomy versus tonsillectomy. *International Journal of Pediatric Otorhinolaryngology, 73*(9), 1254-1262.

Ericsson, E., Lundeborg, I., & Hultcrantz, E. (2009). Child behavior and quality of life before and after tonsillotomy versus tonsillectomy. *International Journal of Pediatric Otorhinolaryngology, 73*(9), 1254-1262.

Ernst-Stecken A, Lambrecht U, Ganslandt O, Mueller R, Fahlbusch R, Sauer R, Grabenbauer G. Radiosurgery of small skull-base lesions. No advantage for intensity-modulated stereotactic radiosurgery versus conformal arc technique. *Strahlenther Onkol.* 2005 May;181(5):336-44. *University of Erlangen-Nuremberg, Erlangen, DE.*

Ersahin, Y., Yurtseven, T., Ozgiray, E., & Mutluer, S. (2005). Craniopharyngiomas in children: Turkey experience. *Childs Nervous System, 21*(8-9), 766-772.

Fahy, C. J., & Okumura, M. (2004). Sedation for paediatric stereotactic radiosurgery: The dexmedetomidine experience. *Anaesthesia & Intensive Care, 32*(6), 809-811.

Fan, R. T., Guo, Y. N., Wang, J. M., Zhang, H. Z., & Gu, H. (2008). [Clinical study on short-term response of two kinds of associated concomitant radio-chemotherapy for advanced nasopharyngeal carcinoma]. *Chinese Journal of Cancer Prevention and Treatment, 15*(24), 1888-1889.

Ferroli, P., Sinisi, M., Franzini, A., Giombini, S., Solero, C. L., & Broggi, G. (2005). Brainstem cavernomas: Long-term results of microsurgical resection in 52 patients. *Neurosurgery, 56*(6), 1203-1212.

Fiveash JB, Murshed H, Duan J, Hyatt M, Caranto J, Bonner JA, Popple RA. Effect of multileaf collimator leaf width on physical dose distributions in the treatment of CNS and head and neck neoplasms with intensity modulated radiation therapy. *Med Phys.* 2002 Jun;29(6):1116-9. *University of Alabama-Birmingham*

Franzin, A., Vimercati, A., Picozzi, P., Serra, C., Snider, S., Gioia, L., . . . Giovanelli, M. (2008). Stereotactic drainage and gamma knife radiosurgery of cystic brain metastasis. *Journal of Neurosurgery, 109*(2), 259-267.

Franzin, A.V., A.; Picozzi, P.; Serra, C.; Snider, S.; Gioia, L.; Ferrari da Passano, C.; Bolognesi, A.; Giovanelli, M., Stereotactic drainage and Gamma Knife radiosurgery of cystic brain metastasis. Journal of Neurosurgery, 2008. 109(2): p. 259-67.

Friedman, R. A., Berliner, K. I., Bassim, M., Ursick, J., Slattery, W. H.,3rd, Schwartz, M. S., et al. (2011). A paradigm shift in salvage surgery for radiated vestibular schwannoma. *Otology & Neurotology, 32*(8), 1322-1328.

Fukaya, R., Yoshida, K., Ohira, T., & Kawase, T. (2010). Trigeminal schwannomas: Experience with 57 cases and a review of the literature. *Neurosurgical Review, 34*(2), 159-171.

Giovanella, L., Ceriani, L., Suriano, S., Ghelfo, A., & Maffioli, M. (2008). Thyroglobulin measurement before rhTSH-aided 131I ablation in detecting metastases from differentiated thyroid carcinoma. *Clinical Endocrinology, 69*(4), 659-663.

Girvigian, M. R., Chen, J. C., Rahimian, J., Miller, M. J., & Tome, M. (2008). Comparison of early complications for patients with convexity and parasagittal meningiomas treated with either stereotactic radiosurgery or fractionated stereotactic radiotherapy. *Neurosurgery, 62*(5 Suppl), A19-27.

Gonfiotti, A., Davini, F., Vaggelli, L., De Francisci, A., Caldarella, A., Gigli, P. M., & Janni, A. (2007). Thoracoscopic localization techniques for patients with solitary pulmonary nodule: Hookwire versus radio-guided surgery. *European Journal of Cardio-Thoracic Surgery : Official Journal of the European Association for Cardio-Thoracic Surgery, 32*(6), 843-847.

Gonfiotti, A., Davini, F., Vaggelli, L., De Francisci, A., Caldarella, A., Gigli, P. M., & Janni, A. (2007). Thoracoscopic localization techniques for patients with solitary pulmonary nodule: Hookwire versus radio-guided surgery. *European Journal of Cardio-Thoracic Surgery, 32*(6), 843-847.

Gusmao, S., Oliveira, M., Tazinaffo, U., & Honey, C. R. (2003). Percutaneous trigeminal nerve radiofrequency rhizotomy guided by computerized tomography fluoroscopy. technical note. *Journal of Neurosurgery, 99*(4), 785-786.

Gutin PH, Iwamoto FM, Beal K, Mohile NA, Karimi S, Hou BL, Lymberis S, Yamada Y, Chang J, Abrey LE. Safety and efficacy of bevacizumab with hypofractionated stereotactic irradiation for recurrent malignant gliomas. *Int J Radiat Oncol Biol Phys.* 2009 Sep 1;75(1):156-63. *Memorial Sloan-Kettering Cancer Center, New York, NY*

Hamm KD, Surber G, Schmucking M, Wurm RE, Aschenbach R, Kleinert G, Niesen A, Baum RP. Stereotactic radiation treatment planning and follow-up studies involving fused multimodality imaging. *J Neurosurg*. 2004 Nov;101 Suppl 3:326-33. *Charité-Universitätsmedizin, Berlin*

Hamm, K. D., Surber, G., Schmucking, M., Wurm, R. E., Aschenbach, R., Kleinert, G., . . . Baum, R. P. (2004). Stereotactic radiation treatment planning and follow-up studies involving fused multimodality imaging. *Journal of Neurosurgery, 101*(Suppl 3), 326-333.

Hanssens, P., Karlsson, B., Yeo, T. T., Chou, N., & Beute, G. (2011). Detection of brain micrometastases by high-resolution stereotactic magnetic resonance imaging and its impact on the timing of and risk for distant recurrences. *Journal of Neurosurgery, 115*(3), 499-504.

Hanssens, P.K., B.; Yeo, T. T.; Chou, N.; Beute, G., Detection of brain micrometastases by high-resolution stereotactic magnetic resonance imaging and its impact on the timing of and risk for distant recurrences. Journal of Neurosurgery, 2011. 115(3): p. 499-504.

Hart, M. G., Grant, R., Walker, M., & Dickinson, H. O. (2009). Surgical resection and whole brain radiation therapy versus whole brain radiation therapy alone for single brain metastases. *Cochrane Database of Systematic Reviews, 1*

Heron DE, Rwigema JC, Gibson MK, Burton SA, Quinn AE, Ferris RL. Concurrent Cetuximab With Stereotactic Body Radiotherapy for Recurrent Squamous Cell Carcinoma of the Head and Neck: A Single Institution Matched Case-Control Study. *Am J Clin Oncol.* 2010 Aug 3. *University of Pittsburgh Cancer Institute, Pittsburgh, PA* [Epub ahead of print]

Heron, D. E., Rwigema, J. C., Gibson, M. K., Burton, S. A., Quinn, A. E., & Ferris, R. L. (2011). Concurrent cetuximab with stereotactic body radiotherapy for recurrent squamous cell carcinoma of the head and neck: A single institution matched case-control study. *American Journal of Clinical Oncology, 34*(2), 165-172.

Hoefnagels FW, Lagerwaard FJ, Sanchez E, Haasbeek CJ, Knol DL, Slotman BJ, Peter Vandertop W. Radiological progression of cerebral metastases after radiosurgery: assessment of perfusion MRI for differentiating between necrosis and recurrence. *J Neurol.* 2009 Jun;256(6):878-87.*VU University Medical Centre, Amsterdam, The Netherlands*

Hoefnagels, F. W., Lagerwaard, F. J., Sanchez, E., Haasbeek, C. J., Knol, D. L., Slotman, B. J., & Vandertop, W. P. (2009). Radiological progression of cerebral metastases after radiosurgery: Assessment of perfusion MRI for differentiating between necrosis and recurrence. *Journal of Neurology, 256*(6), 878-887.

Hong LX, Chen CC, Garg M, Yaparpalvi R, Mah D. Clinical experiences with onboard imager KV images for linear accelerator-based stereotactic radiosurgery and radiotherapy setup. *Int J Radiat Oncol Biol Phys.* 2009 Feb 1;73(2):556-61. *Montefiore Medical Center, Bronx, NY*

Hong, J., Ding, X., & Lu, Y. (2008). Clinical analysis of 103 elderly patients with pituitary adenomas: Transsphenoidal surgery and follow-up. *Journal of Clinical Neuroscience, 15*(10), 1091-1095.

Hoopes DJ, Tann M, Fletcher JW, Forquer JA, Lin PF, Lo SS, Timmerman RD, McGarry RC. FDG-PET and stereotactic body radiotherapy (SBRT) for stage I non-small-cell lung cancer. *Lung Cancer*. 2007 May;56(2):229-34*, Indiana University, Indianapolis*

Hsu A, Pawlicki T, Luxton G, Hara W, King CR. A study of image-guided intensity-modulated radiotherapy with fiducials for localized prostate cancer including pelvic lymph nodes. *Int J Radiat Oncol Biol Phys.* 2007 Jul 1;68(3):898-902. *Stanford University Medical Center, Palo Alto*

Huang, C. F., Chou, H. H., Tu, H. T., Yang, M. S., Lee, J. K., & Lin, L. Y. (2008). Diffusion magnetic resonance imaging as an evaluation of the response of brain metastases treated by stereotactic radiosurgery. *Surgical Neurology, 69*(1), 62-68.

Iliadis, G., Selviaridis, P., Kalogera-Fountzila, A., Fragkoulidi, A., Baltas, D., Tselis, N., . . . Fountzilas, G. (2009). The importance of tumor volume in the prognosis of patients with glioblastoma: Comparison of computerized volumetry and geometric models. *Strahlentherapie Und Onkologie, 185*(11), 743-750.

Ito, E., Saito, K., Yatsuya, H., Nagatani, T., & Otsuka, G. (2009). Factors predicting growth of vestibular schwannoma in neurofibromatosis type 2. *Neurosurgical Review, 32*(4), 425-433.

Izawa, M., Chernov, M., Hayashi, M., Nakaya, K., Kamikawa, S., Kato, K., . . . Takakura, K. (2007). Management and prognosis of cysts developed on long-term follow-up after gamma knife radiosurgery for intracranial arteriovenous malformations. *Surgical Neurology, 68*(4), 400-406.

Jagannathan, J., Lonser, R. R., Smith, R., DeVroom, H. L., & Oldfield, E. H. (2008). Surgical management of cerebellar hemangioblastomas in patients with von hippel-lindau disease. *Journal of Neurosurgery, 108*(2), 210-222.

Jahangier, Z. N., Jacobs, J. W., Lafeber, F. P., Moolenburgh, J. D., Swen, W. A., Bruyn, G. A., et al. (2005). Is radiation synovectomy for arthritis of the knee more effective than intraarticular treatment with glucocorticoids? results of an eighteen-month, randomized, double-blind, placebo-controlled, crossover trial. *Arthritis and Rheumatism, 52*(11), 3391-3402.

Jiang, R., Liu, Z., & Zhu, C. (2002). Preliminary exploration of the clinical effect of bleomycin on craniopharyngiomas. *Stereotactic and Functional Neurosurgery, 78*(2), 84-94.

Julow, J., Backlund, E. O., Lanyi, F., Hajda, M., Balint, K., Nyary, I., & Szeifert, G. T. (2007). Long-term results and late complications after intracavitary yttrium-90 colloid irradiation of recurrent cystic craniopharyngiomas. *Neurosurgery, 61*(2), 288-295.

Kapural, L., Stojanovic, M., Sessler, D. I., Bensitel, T., & Zovkic, P. (2010). Cooled radiofrequency (RF) of L5 dorsal ramus for RF denervation of the sacroiliac joint: Technical report. *Pain Medicine, 11*(1), 53-57.

Katakami, N., Inaba, Y., Sugata, S., Tsurusaki, M., Itoh, T., Machida, T., et al. (2011). Magnetic resonance evaluation of brain metastases from systemic malignances with two doses of gadobutrol 1.0 m compared with gadoteridol: A multicenter, phase ii/iii study in patients with known or suspected brain metastases. *Investigative Radiology, 46*(7), 411-418.

Katakami, N., Inaba, Y., Sugata, S., Tsurusaki, M., Itoh, T., Machida, T., . . . Aitoku, Y. (2011). Magnetic resonance evaluation of brain metastases from systemic malignances with two doses of gadobutrol 1.0 m compared with gadoteridol: A multicenter, phase ii/iii study in patients with known or suspected brain metastases. *Investigative Radiology, 46*(7), 411-418.

Key, D. J. (2007). Single-treatment skin tightening by radiofrequency and long-pulsed, 1064-nm nd: YAG laser compared. *Lasers in Surgery & Medicine, 39*(2), 169-175.

Kida, Y. (2009). Radiosurgery for dural arteriovenous fistula. *Progress in Neurological Surgery, 22*, 38-44.

Kim GY, Pawlicki T, Le QT, Luxton G. Linac-based on-board imaging feasibility and the dosimetric consequences of head roll in head-and-neck IMRT plans. *Med Dosim*. 2008 Spring;33(1):93-9. *Stanford University Medical Center, Palo Alto*

Kim J, Li S, Pradhan D, Hammoud R, Chen Q, Yin FF, Zhao Y, Kim JH, Movsas B. Comparison of similarity measures for rigid-body CT/Dual X-ray image registrations. *Technol Cancer Res Treat.* 2007 Aug;6(4):337- 46. *Duke University Medical Center, Durham, NC*

Kim, J. W., Kim, D. G., Paek, S. H., Chung, H. T., Kim, Y. H., Han, J. H., . . . Jung, H. W. (2011). Efficacy of corticosteroids in hearing preservation after radiosurgery for vestibular schwannoma: A prospective study. *Stereotactic & Functional Neurosurgery, 89*(1), 25-33.

Kim, K. H., Lee, J., Lee, J. I., Nam do, H., Kong, D. S., Ahn, Y. C., et al. (2010). Can upfront systemic chemotherapy replace stereotactic radiosurgery or whole brain radiotherapy in the treatment of non-small cell lung cancer patients with asymptomatic brain metastases?. *Lung Cancer, 68*(2), 258-263.

Kim, Y. B., Young, W. L., Lawton, M. T., & UC SF BAVM Study, P. (2011). Parafalcine and midline arteriovenous malformations: Surgical strategy, techniques, and outcomes. *Journal of Neurosurgery, 114*(4), 984-993.

Kim, Y. B., Young, W. L., Lawton, M. T., & UCSF BAVM Study, P. (2011). Parafalcine and midline arteriovenous malformations: Surgical strategy, techniques, and outcomes. *Journal of Neurosurgery, 114*(4), 984-993.

Kimura, T., Sako, K., Tanaka, K., Gotoh, T., Yoshida, H., Aburano, T., . . . Nakada, T. (2004). Evaluation of the response of metastatic brain tumors to stereotactic radiosurgery by proton magnetic resonance spectroscopy, 201TlCl single-photon emission computerized tomography, and gadolinium-enhanced magnetic resonance imaging. *Journal of Neurosurgery, 100*(5), 835-841.

Kinouchi, H., Mizoi, K., Takahashi, A., Ezura, M., & Yoshimoto, T. (2002). Combined embolization and microsurgery for cerebral arteriovenous malformation. *Neurologia Medico-Chirurgica, 42*(9), 372-378.

Kiris, T., Sencer, A., Sahinbas, M., Sencer, S., Imer, M., & Izgi, N. (2005). Surgical results in pediatric spetzler-martin grades I-III intracranial arteriovenous malformations. *Childs Nervous System, 21*(1), 69-74.

Klessinger, S. (2010). Radiofrequency neurotomy for the treatment of therapy-resistant neck pain after ventral cervical operations. *Pain Medicine, 11*(10), 1504-1510.

Koga, T., Maruyama, K., Igaki, H., Tago, M., & Saito, N. (2009). The value of image coregistration during stereotactic radiosurgery. *Acta Neurochirurgica, 151*(5), 465-471.

Koizuka, S., Saito, S., Tobe, M., Sekimoto, K., Obata, H., & Koyama, Y. (2010). Technical communication: Percutaneous radiofrequency mandibular nerve rhizotomy guided by high-speed real-time computed tomography fluoroscopy. *Anesthesia & Analgesia, 111*(3), 763-767.

Kopek N, Paludan M, Petersen J, et al. (2009).Comorbidity index predicts for mortality after stereotactic body radiotherapy for medically inoperable early-stage non-small cell lung cancer. *Radiother Oncol, 93*(1), 122-4.

Korreman, S., Mostafavi, H., Le, Q. T., & Boyer, A. (2006). Comparison of respiratory surrogates for gated lung radiotherapy without internal fiducials. *Acta Oncologica, 45*(7), 935-942.

Kreth, F. W., Faist, M., Grau, S., & Ostertag, C. B. (2006). Interstitial 125I radiosurgery of supratentorial de novo WHO grade 2 astrocytoma and oligoastrocytoma in adults: Long-term results and prognostic factors. *Cancer, 106*(6), 1372-1381.

Krishnan AP, Asher IM, Davis D, Okunieff P, O'Dell WG. Evidence that MR diffusion tensor imaging (tractography) predicts the natural history of regional progression in patients irradiated conformally for primary brain tumors. *Int J Radiat Oncol Biol Phys.* 2008 Aug 1;71(5):1553-62. *University of Rochester, Rochester, NY*

Laperriere, N., Zuraw, L., Cairncross, G. (2002). Radiotherapy for newly diagnosed malignant glioma in adults: A systematic review. *Radiotherapy & Oncology, 64*(3), 259-273.

Law E, Mangarin E, Kelvin JF. Nursing management of patients receiving stereotactic radiosurgery. *Clin J Oncol Nurs.* 2003 Jul-Aug;7(4):387-92. *Memorial Sloan-Kettering Cancer Center, NYC*

Lawson JD, Elder E, Fox T, Davis L, Crocker I. Quantification of dosimetric impact of implementation of onboard imaging (OBI) for IMRT treatment of head-and-neck malignancies. *Med Dosim*. 2007 Winter; 32(4):287-94. *Emory University, Atlanta*

Lawton, M. T., & UCSF Brain Arteriovenous Malformation Study,Project. (2003). Spetzler-martin grade III arteriovenous malformations: Surgical results and a modification of the grading scale. *Neurosurgery, 52*(4), 740-748.

Lawton, M. T., Kim, H., McCulloch, C. E., Mikhak, B., & Young, W. L. (2010). A supplementary grading scale for selecting patients with brain arteriovenous malformations for surgery. *Neurosurgery, 66*(4), 702-713.

Liang, C. L., Lu, K., Liliang, P. C., Chung, M. C., Chi, S. C., & Chen, H. J. (2011). Topical anesthetic EMLA for postoperative wound pain in stereotactic gamma knife radiosurgery: A perspective, randomized, placebo-controlled study. *Minimally Invasive Neurosurgery : MIN, 54*(2), 75-78.

Liliang, P. C., Lu, K., Hsieh, C. H., Kao, C. Y., Wang, K. W., & Chen, H. J. (2008). Pulsed radiofrequency of cervical medial branches for treatment of whiplash-related cervical zygapophysial joint pain. *Surgical Neurology, 70*(Suppl 1:S1:50-5; discussion), e.

Linskey, M. E., Johnstone, P. A., O'Leary, M., & Goetsch, S. (2003). Radiation exposure of normal temporal bone structures during stereotactically guided gamma knife surgery for vestibular schwannomas. *Journal of Neurosurgery, 98*(4), 800-806.

Linthout N, Verellen D, Van Acker S, De Cock M, Storme G. Dosimetric evaluation of partially overlapping intensity modulated beams using dynamic mini-multileaf collimation. *Med Phys*. 2003 May;30(5):846-55, *Academic Hospital-Free University, Brussels, BE*

Liu W, Wiersma RD, Xing L. Optimized hybrid megavoltage-kilovoltage imaging protocol for volumetric prostate arc therapy. *Int J Radiat Oncol Biol Phys.* 2010 Oct 1;78(2):595-604. *Stanford University School of Medicine, California*

Liu, B. L., Cheng, J. X., Zhang, X., & Zhang, W. (2010). Controversies concerning the application of brachytherapy in central nervous system tumors. *Journal of Cancer Research & Clinical Oncology, 136*(2), 173-185.

Lustig, L. R., Yeagle, J., Driscoll, C. L., Blevins, N., Francis, H., & Niparko, J. K. (2006). Cochlear implantation in patients with neurofibromatosis type 2 and bilateral vestibular schwannoma. *Otology & Neurotology, 27*(4), 512-518.

Mahadevan, A., Miksad, R., Goldstein, M., Sullivan, R., Bullock, A., Buchbinder, E., . . . Callery, M. (2011). Induction gemcitabine and stereotactic body radiotherapy for locally advanced nonmetastatic pancreas cancer. *International Journal of Radiation Oncology, Biology, Physics, 81*(4), e615-22.

Mahadevan, Miksad, Goldstein, Sullivan, Bullock, Buchbinder, Pleskow, Sawhney, Kent, Vollmer and Callery, Induction gemcitabine and stereotactic body radiotherapy for locally advanced nonmetastatic pancreas cancer. Journal/Int J Radiat Oncol Biol Phys, 81, e615-22, 2011

Majer, M., Jensen, R. L., Shrieve, D. C., Watson, G. A., Wang, M., Leachman, S. A., . . . Samlowski, W. E. (2007). Biochemotherapy of metastatic melanoma in patients with or without recently diagnosed brain metastases. *Cancer, 110*(6), 1329-1337.

Maruyama, K., Koga, T., Shin, M., Igaki, H., Tago, M., & Saito, N. (2008). Optimal timing for gamma knife surgery after hemorrhage from brain arteriovenous malformations. *Journal of Neurosurgery, 109*(Suppl), 73-76.

Maruyama, K., Shin, M., Tago, M., Kurita, H., Kawahara, N., Morita, A., & Saito, N. (2006). Management and outcome of hemorrhage after gamma knife surgery for arteriovenous malformations of the brain. *Journal of Neurosurgery, 105*(Suppl), 52-57.

Massengale, J. L., Levy, R. P., Marcellus, M., Moes, G., Marks, M. P., & Steinberg, G. K. (2006). Outcomes of surgery for resection of regions of symptomatic radiation injury after stereotactic radiosurgery for arteriovenous malformations. *Neurosurgery, 59*(3), 553-560.

Mayo, C., Martel, M. K., Marks, L. B., Flickinger, J., Nam, J., & Kirkpatrick, J. (2010). Radiation dose-volume effects of optic nerves and chiasm. *International Journal of Radiation Oncology, Biology, Physics, 76*(3 Suppl), S28-35.

McClelland, S.,3rd, Guo, H., & Okuyemi, K. S. (2011). Morbidity and mortality following acoustic neuroma excision in the united states: Analysis of racial disparities during a decade in the radiosurgery era. *Neuro-Oncology, 13*(11), 1252-1259.

McHaffie, D. R., Chabot, P., Dagnault, A., Suh, J. H., Fortin, M. A., Chang, E., et al. (2011). Safety and feasibility of motexafin gadolinium administration with whole brain radiation therapy and stereotactic radiosurgery boost in the treatment of <= 6 brain metastases: A multi-institutional phase II trial. *Journal of Neuro-Oncology, 105*(2), 301-308.

Mehta, M. P., Shapiro, W. R., Phan, S. C., Gervais, R., Carrie, C., Chabot, P., et al. (2009). Motexafin gadolinium combined with prompt whole brain radiotherapy prolongs time to neurologic progression in non-small-cell lung cancer patients with brain metastases: Results of a phase III trial. *International Journal of Radiation Oncology, Biology, Physics, 73*(4), 1069-1076.

Meretoja, T. J., von Smitten, K. A., Kuokkanen, H. O., Suominen, S. H., & Jahkola, T. A. (2008). Complications of skin-sparing mastectomy followed by immediate breast reconstruction: A prospective randomized study comparing high-frequency radiosurgery with conventional diathermy. *Annals of Plastic Surgery, 60*(1), 24-28.

Metellus, P., Batra, S., Karkar, S., Kapoor, S., Weiss, S., Kleinberg, L., et al. (2010). Fractionated conformal radiotherapy in the management of cavernous sinus meningiomas: Long-term functional outcome and tumor control at a single institution. *International Journal of Radiation Oncology, Biology, Physics, 78*(3), 836-843.

Mitsuya, K., Nakasu, Y., Horiguchi, S., Harada, H., Nishimura, T., Bando, E., . . . Endo, M. (2010). Perfusion weighted magnetic resonance imaging to distinguish the recurrence of metastatic brain tumors from radiation necrosis after stereotactic radiosurgery. *Journal of Neuro-Oncology, 99*(1), 81-88.

Mortini, P., Losa, M., Pozzobon, G., Barzaghi, R., Riva, M., Acerno, S., . . . Giovanelli, M. (2011). Neurosurgical treatment of craniopharyngioma in adults and children: Early and long-term results in a large case series. *Journal of Neurosurgery, 114*(5), 1350-1359.

Mottolese, C., Szathmari, A., Berlier, P., & Hermier, M. (2005). Craniopharyngiomas: Our experience in lyon. *Childs Nervous System, 21*(8-9), 790-798.

Movchan, K. N., Kovalenko, A. V., Zinov'ev, E. V., Shutkin, A. V., Sidorenko, V. A., & Donskov, V. V. (2011). [Experience with surgical necrectomy for deep frostbitis using physical means to influence the tissue]. *Vestnik Khirurgii Imeni I.I.Grekova, 170*(1), 36-40.

Murphy JD, Chang DT, Abelson J, et al. Cost-effectiveness of modern radiotherapy techniques in locally advanced pancreatic cancer. Cancer 2012;118(4):1119-1129.

Nanda, A., Javalkar, V., & Banerjee, A. D. (2011). Petroclival meningiomas: Study on outcomes, complications and recurrence rates. *Journal of Neurosurgery, 114*(5), 1268-1277.

Nascimento, C., Borget, I., Al Ghuzlan, A., Deandreis, D., Chami, L., Travagli, J. P., . . . Leboulleux, S. (2011). Persistent disease and recurrence in differentiated thyroid cancer patients with undetectable postoperative stimulated thyroglobulin level. *Endocrine-Related Cancer, 18*(2), R29-40.

Nieder, C., Astner, S. T., Andratschke, N. H., & Adam, M. (2008). Disease presentation and outcome in very young patients with brain metastases from breast cancer. *Tumori, 94*(5), 691-693.

Nieder, C., Bremnes, R. M., & Andratschke, N. H. (2009). Prognostic scores in patients with brain metastases from non-small cell lung cancer. *Journal of Thoracic Oncology: Official Publication of the International Association for the Study of Lung Cancer, 4*(11), 1337-1341.

Nieder, C., Pawinski, A., & Balteskard, L. (2009). Colorectal cancer metastatic to the brain: Time trends in presentation and outcome. *Oncology, 76*(5), 369-374.

Nuyttens, J. J., Prevost, J. B., Praag, J., Hoogeman, M., Van Klaveren, R. J., Levendag, P. C., & Pattynama, P. M. (2006). Lung tumor tracking during stereotactic radiotherapy treatment with the CyberKnife: Marker placement and early results. *Acta Oncologica, 45*(7), 961-965.

Ohguri, T., Imada, H., Kohshi, K., Kakeda, S., Ohnari, N., Morioka, T., . . . Korogi, Y. (2007). Effect of prophylactic hyperbaric oxygen treatment for radiation-induced brain injury after stereotactic radiosurgery of brain metastases. *International Journal of Radiation Oncology, Biology, Physics, 67*(1), 248-255.

Palma D, Vollans E, James K, Nakano S, Moiseenko V, Shaffer R, McKenzie M, Morris J, Otto K. Volumetric modulated arc therapy for delivery of prostate radiotherapy: comparison with intensity-modulated radiotherapy and three-dimensional conformal radiotherapy. *Int J Radiat Oncol Biol Phys.* 2008 Nov 15;72(4):996- 1001. *British Columbia Cancer Agency, Vancouver, British Columbia, Canada*

Palma DA, van Sörnsen de Koste JR, Verbakel WF, Senan S. A new approach to quantifying lung damage after stereotactic body radiation therapy. *Acta Oncol.* 2010 Dec 21. *VU University Medical Center, Amsterdam* [Epub ahead of print]

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.

Patel, T.R., et al., Implications of Identifying Additional Cerebral Metastases during Gamma Knife Radiosurgery. Int J Surg Oncol, 2012. 2012: p. 748284.

Pawlicki T, Kim GY, Hsu A, Cotrutz C, Boyer AL, Xing L, King CR, Luxton G. Investigation of linac-based image-guided hypofractionated prostate radiotherapy. *Med Dosim.* 2007 Summer;32(2):71-9. *Stanford University Medical Center, Palo Alto*

Perks, J. R., Liu, T., Hall, W. H., & Chen, A. Y. (2006). Clinical impact of magnetic resonance imaging on gamma knife surgery for brain metastases. *Journal of Neurosurgery, 105*(Suppl), 69-74.

Perks, J.R.L., T.; Hall, W. H.; Chen, A. Y., Clinical impact of magnetic resonance imaging on Gamma Knife surgery for brain metastases. Journal of Neurosurgery, 2006. 105 Suppl: p. 69-74.

Petit, J. H., Biller, B. M., Yock, T. I., Swearingen, B., Coen, J. J., Chapman, P., . . . Loeffler, J. S. (2008). Proton stereotactic radiotherapy for persistent adrenocorticotropin-producing adenomas. *Journal of Clinical Endocrinology & Metabolism, 93*(2), 393-399.

Polistina, F., Costantin, G., Casamassima, F., Francescon, P., Guglielmi, R., Panizzoni, G., . . . Ambrosino, G. (2010). Unresectable locally advanced pancreatic cancer: A multimodal treatment using neoadjuvant chemoradiotherapy (gemcitabine plus stereotactic radiosurgery) and subsequent surgical exploration. *Annals of Surgical Oncology, 17*(8), 2092-2101.

Quantin, X., Bozonnat, M. C., & Pujol, J. L. (2010). Recursive partitioning analysis groups II-III brain metastases of non-small cell lung cancer: A phase II randomized study comparing two concurrent chemoradiotherapy regimens. *Journal of Thoracic Oncology : Official Publication of the International Association for the Study of Lung Cancer, 5*(6), 846-851.

Ragab, S. M., Elsheikh, M. N., Saafan, M. E., & Elsherief, S. G. (2005). Radiophonosurgery of benign superficial vocal fold lesions. *Journal of Laryngology & Otology, 119*(12), 961-966.

Roche, P. H., Soumare, O., Thomassin, J. M., & Regis, J. (2008). The wait and see strategy for intracanalicular vestibular schwannomas. *Progress in Neurological Surgery, 21*, 83-88.

Rodel, R., Ebert, A., Reichmann, K., Reinhardt, M., Palmedo, H., & Biersack, H. J. (2003). [Effectiveness of syringe shieldings using radionuclides in radiation synovectomy]. *Nuklearmedizin, 42*(1), 50-53.

Rubello, D., Mariani, G., Pelizzo, M. R., & Italian Study Group of Radioguided Surgery and,ImmunoScintigraphy. (2007). Minimally invasive radio-guided parathyroidectomy on a group of 452 primary hyperparathyroid patients: Refinement of preoperative imaging and intraoperative procedure. *Nuclear-Medizin, 46*(3), 85-92.

Ruge, M. I., Kickingereder, P., Grau, S., Hoevels, M., Treuer, H., & Sturm, V. (2011). Stereotactic biopsy combined with stereotactic (125)iodine brachytherapy for diagnosis and treatment of locally recurrent single brain metastases. *Journal of Neuro-Oncology, 105*(1), 109-118.

Ruge, M. I., Simon, T., Suchorska, B., Lehrke, R., Hamisch, C., Koerber, F., . . . Voges, J. (2011). Stereotactic brachytherapy with iodine-125 seeds for the treatment of inoperable low-grade gliomas in children: Long-term outcome. *Journal of Clinical Oncology, 29*(31), 4151-4159.

Saarilahti K, Kouri M, Collan J, Hamalainen T, Atula T, Joensuu H, Tenhunen M. Intensity modulated radiotherapyfor head and neck cancer: evidence for preserved salivary gland function. *Radiother Oncol.* 2005 Mar;74(3):251-8. *Helsinki University Central Hospital*

Sajja, R., Barnett, G. H., Lee, S. Y., Harnisch, G., Stevens, G. H., Lee, J., & Suh, J. H. (2005). Intensity-modulated radiation therapy (IMRT) for newly diagnosed and recurrent intracranial meningiomas: Preliminary results. *Technology in Cancer Research & Treatment, 4*(6), 675-682.

Salour, H., Rafati, N., Falahi, M. R., & Aletaha, M. (2011). A comparison of argon laser and radiofrequency in trichiasis treatment. *Ophthalmic Plastic and Reconstructive Surgery, 27*(5), 313-316.

Santanam, L., Esthappan, J., Mutic, S., Klein, E. E., Goddu, S. M., Chaudhari, S., . . . Grigsby, P. W. (2008). Estimation of setup uncertainty using planar and MVCT imaging for gynecologic malignancies. *International Journal of Radiation Oncology, Biology, Physics, 71*(5), 1511-1517.

Sanuki-Fujimoto, N., Takeda, A., Ohashi, T., Kunieda, E., Iwabuchi, S., Takatsuka, K., . . . Shigematsu, N. (2010). CT evaluations of focal liver reactions following stereotactic body radiotherapy for small hepatocellular carcinoma with cirrhosis: Relationship between imaging appearance and baseline liver function. *British Journal of Radiology, 83*(996), 1063-1071.

Sawrie, S. M., Fiveash, J. B., & Caudell, J. J. (2010). Stereotactic body radiation therapy for liver metastases and primary hepatocellular carcinoma: Normal tissue tolerances and toxicity. *Cancer Control, 17*(2), 111-119.

Schellenberg, D., Kim, J., Christman-Skieller, C., Chun, C. L., Columbo, L. A., Ford, J. M., . . . Koong, A. C. (2011). Single-fraction stereotactic body radiation therapy and sequential

gemcitabine for the treatment of locally advanced pancreatic cancer. *International Journal of Radiation Oncology, Biology, Physics, 81*(1), 181-188.

Schellenberg, D., Quon, A., Minn, A. Y., Graves, E. E., Kunz, P., Ford, J. M., . . . Chang, D. T. (2010). 18Fluorodeoxyglucose PET is prognostic of progression-free and overall survival in locally advanced pancreas cancer treated with stereotactic radiotherapy. *International Journal of Radiation Oncology, Biology, Physics, 77*(5), 1420-1425.

Schellenberg, Kim, Christman-Skieller, Chun, Columbo, Ford, Fisher, Kunz, Van Dam, Quon, Desser, Norton, Hsu, Maxim, Xing, Goodman, Chang and Koong, Single-fraction stereotactic body radiation therapy and sequential gemcitabine for the treatment of locally advanced pancreatic cancer. Journal/Int J Radiat Oncol Biol Phys, 81, 181-8, 2011

Schiariti, M., Goetz, P., El-Maghraby, H., Tailor, J., & Kitchen, N. (2011). Hemangiopericytoma: Long-term outcome revisited. clinical article. *Journal of Neurosurgery, 114*(3), 747-755.

Shuto, T., Matsunaga, S., Inomori, S., & Fujino, H. (2008). Efficacy of gamma knife surgery for control of peritumoral oedema associated with metastatic brain tumours. *Journal of Neurology, Neurosurgery & Psychiatry, 79*(9), 1061-1065.

Shuto, T.M., S.; Inomori, S.; Fujino, H., Efficacy of gamma knife surgery for control of peritumoral oedema associated with metastatic brain tumours. Journal of Neurology, Neurosurgery and Psychiatry, 2008. 79(9): p. 1061-5.

Slattery, W. H.,3rd. (2009). Microsurgery after radiosurgery or radiotherapy for vestibular schwannomas. *Otolaryngologic Clinics of North America, 42*(4), 707-715.

Smith, J. S., Parney, I. F., Lamborn, K. R., McDermott, M. W., Sneed, P. K., & Chang, S. M. (2007). Treatment for posterior fossa dissemination of primary supratentorial glioma. *Journal of Neurosurgery, 106*(4), 567-574.

Soda, H., Nakamura, Y., Nakatomi, K., Tomonaga, N., Yamaguchi, H., Nakano, H., . . . Kohno, S. (2008). Stepwise progression from ground-glass opacity towards invasive adenocarcinoma: Long-term follow-up of radiological findings. *Lung Cancer, 60*(2), 298-301.

Sohn MJ, Lee DJ, Yoon SW, Lee HR, Hwang YJ. The effective application of segmental image fusion in spinal radiosurgery for improved targeting of spinal tumours. *Acta Neurochir (Wien*) 2009 Mar;151(3):231-8, *Inje University Ilsan Paik Hospital, Goyang City, Korea*

Solberg TD, Agazaryan N, Goss BW, Dahlbom M, Lee SP. A feasibility study of 18F-fluorodeoxyglucose positron emission tomography targeting and simultaneous integrated boost for intensity-modulated radiosurgery and radiotherapy. *J Neurosurg.* 2004 Nov;101 Suppl 3:381-9 *UCLA, Los Angeles*

Sosa, I. J., Krieger, M. D., & McComb, J. G. (2005). Craniopharyngiomas of childhood: The CHLA experience. *Childs Nervous System, 21*(8-9), 785-789.

Souhami, L., Scott, C., Brachman, D., Podgorsak, E., WernerWasik, M., Lustig, R., et al. (2002). Randomized prospective comparison of stereotactic radiosurgery (SRS) followed by conventional radiotherapy (RT) with BCNU to RT with BCNU alone for selected patients with supratentorial glioblastoma multiforme (GBM): Report of RTOG 93-05 protocol [abstract]. *International Journal of Radiation Oncology Biology Physics, 54*(2 Suppl), 94-95.

Souhami, L., Seiferheld, W., Brachman, D., Podgorsak, E. B., WernerWasik, M., Lustig, R., et al. (2004). Randomized comparison of stereotactic radiosurgery followed by conventional radiotherapy with carmustine to conventional radiotherapy with carmustine for patients with glioblastoma multiforme: Report of radiation therapy oncology group 93-05 protocol. *International Journal of Radiation Oncology, Biology, Physics, 60*(3), 853-860.

Souhami, L., Seiferheld, W., Brachman, D., Podgorsak, E. B., Werner-Wasik, M., Lustig, R., et al. (2004). Randomized comparison of stereotactic radiosurgery followed by conventional radiotherapy with carmustine to conventional radiotherapy with carmustine for patients with glioblastoma multiforme: Report of radiation therapy oncology group 93-05 protocol. *International Journal of Radiation Oncology, Biology, Physics, 60*(3), 853-860.

Sperduto PW, Berkey B, Gaspar LE, Mehta M, Curran W. A new prognostic index and comparison to three other indices for patients with brain metastases: an analysis of 1,960 patients in the RTOG database. Int J Radiat Oncol Biol Phys. 2008 Feb 1;70(2):510-4.

Sperduto, C. M., Watanabe, Y., Mullan, J., Hood, T., Dyste, G., Watts, C., . . . Sperduto, P. (2008). A validation study of a new prognostic index for patients with brain metastases: The graded prognostic assessment. *Journal of Neurosurgery, 109*(Suppl), 87-89.

Sperduto, P.W.K., N.; Roberge, D.; Xu, Z.; Shanley, R.; Luo, X.; Sneed, P. K.; Chao, S. T.; Weil, R. J.; Suh, J.; Bhatt, A.; Jensen, A. W.; Brown, P. D.; Shih, H. A.; Kirkpatrick, J.; Gaspar, L. E.; Fiveash, J. B.; Chiang, V.; Knisely, J. P.; Sperduto, C. M.; Lin, N.; Mehta, M., Summary Report on the Graded Prognostic Assessment: An Accurate and Facile Diagnosis- Specific Tool to Estimate Survival for Patients With Brain Metastases. Journal of Clinical Oncology, 2011

Staehler, M., Haseke, N., Nuhn, P., Tullmann, C., Karl, A., Siebels, M., et al. (2011). Simultaneous anti-angiogenic therapy and single-fraction radiosurgery in clinically relevant metastases from renal cell carcinoma. *BJU International, 108*(5), 673-678.

Stieglitz, L. H., Wrede, K. H., Gharabaghi, A., Gerganov, V. M., Samii, A., Samii, M., & Luedemann, W. O. (2009). Factors affecting postoperative cerebrospinal fluid leaks after retrosigmoidal craniotomy for vestibular schwannomas. *Journal of Neurosurgery, 111*(4), 874-883.

Stylli, S. S., Kaye, A. H., MacGregor, L., Howes, M., & Rajendra, P. (2005). Photodynamic therapy of high grade glioma - long term survival. *Journal of Clinical Neuroscience : Official Journal of the Neurosurgical Society of Australasia, 12*(4), 389-398.

Stylli, S. S., Kaye, A. H., MacGregor, L., Howes, M., & Rajendra, P. (2005). Photodynamic therapy of high grade glioma - long term survival. *Journal of Clinical Neuroscience, 12*(4), 389-398.

Sughrue, M. E., Kaur, R., Rutkowski, M. J., Kane, A. J., Yang, I., Pitts, L. H., & Parsa, A. T. (2010). A critical evaluation of vestibular schwannoma surgery for patients younger than 40 years of age. *Neurosurgery, 67*(6), 1646-1653.

Sughrue, M. E., Rutkowski, M. J., Shangari, G., Parsa, A. T., Berger, M. S., & McDermott, M. W. (2011). Results with judicious modern neurosurgical management of parasagittal and falcine meningiomas. clinical article. *Journal of Neurosurgery, 114*(3), 731-737.

Sughrue, M. E., Yang, I., Rutkowski, M. J., Aranda, D., & Parsa, A. T. (2010). Preservation of facial nerve function after resection of vestibular schwannoma. *British Journal of Neurosurgery, 24*(6), 666-671.

Szerlip, N., Rutter, C., Ram, N., Yovino, S., Kwok, Y., Maggio, W., & Regine, W. F. (2011). Factors impacting volumetric white matter changes following whole brain radiation therapy. *Journal of Neuro-Oncology, 103*(1), 111-119.

Takeda, A., Kunieda, E., Takeda, T., Tanaka, M., Sanuki, N., Fujii, H., . . . Kubo, A. (2008). Possible misinterpretation of demarcated solid patterns of radiation fibrosis on CT scans as tumor recurrence in patients receiving hypofractionated stereotactic radiotherapy for lung cancer. *International Journal of Radiation Oncology, Biology, Physics, 70*(4), 1057-1065.

Tang, J. I., Back, M., Shakespeare, T., Lu, J. J., Mukherjee, R., Wynne, C., & Liang, S. (2005). Interpreting the improved outcome of patients with central nervous system metastases managed in clinical trials compared with standard hospital practice. *Australasian Radiology, 49*(5), 390-395.

Tang, Y., Li, Y., Luo, D., Rong, X., Ye, J., & Peng, Y. (2011). Epilepsy related to radiotherapy in patients with nasopharyngeal carcinoma. *Epilepsy Research, 96*(1-2), 24-28.

Tasic, G., Jovanovic, V., Djurovic, B., Nikolic, I., Janicijevic, M., Samardzic, M., . . . Bogosavljevic, V. (2011). Natural course of the arteriovenous malformations of the brain initially presented by hemorrhage: Analysis of a clinical series of 39 patients. *Turkish Neurosurgery, 21*(3), 280-289.

Tekin, I., Mirzai, H., Ok, G., Erbuyun, K., & Vatansever, D. (2007). A comparison of conventional and pulsed radiofrequency denervation in the treatment of chronic facet joint pain. *Clinical Journal of Pain, 23*(6), 524-529.

Terasawa, T., Dvorak, T., Ip, S., Raman, G., Lau, J., & Trikalinos, T. A. (2009). Systematic review: Charged-particle radiation therapy for cancer. *Annals of Internal Medicine, 151*(8), 556-565.

Tilgner, J., Herr, M., Ostertag, C., & Volk, B. (2005). Validation of intraoperative diagnoses using smear preparations from stereotactic brain biopsies: Intraoperative versus final diagnosis--influence of clinical factors. *Neurosurgery, 56*(2), 257-265.

Tobler M, Leavitt DD, Watson G. Optimization of the primary collimator settings for fractionated IMRT stereotactic radiotherapy. *Med Dosim*. 2004 Summer;29(2):72-9. *University of Utah Health Science Center, Department of Radiation Oncology, Salt Lake City, UT*

Tobler, M., Leavitt, D. D., & Watson, G. (2004). Optimization of the primary collimator settings for fractionated IMRT stereotactic radiotherapy. *Medical Dosimetry, 29*(2), 72-79.

Tomlinson JS, Jarnagin WR, DeMatteo RP, et al. (2007). Actual 10-year survival after resection of colorectal liver metastases defines cure. *J Clin Oncol, 25*(29), 4575-80.

Trotter, M. I., & Briggs, R. J. (2010). Cochlear implantation in neurofibromatosis type 2 after radiation therapy. *Otology & Neurotology, 31*(2), 216-219.

Truong, M. T., St Clair, E. G., Donahue, B. R., Rush, S. C., Miller, D. C., Formenti, S. C., . . . Golfinos, J. G. (2006). Results of surgical resection for progression of brain metastases previously treated by gamma knife radiosurgery. *Neurosurgery, 59*(1), 86-97.

Truong, M.T.S., Clair Eric G.; Donahue, Bernadine R.; Rush, Stephen C.; Miller, Douglas C.; Formenti, Silvia C.; Knopp, Edmond A.; Han, Kerry; Golfinos, John G., Results of surgical resection for progression of brain metastases previously treated by gamma knife radiosurgery. Neurosurgery, 2006. 59(1): p. 86-97.

Tsao, M. N., Lloyd, N., Wong, K. S. R., Chow, E., Rakovitch, E., Laperriere, N., et al. (2012). Whole brain radiotherapy for the treatment of newly diagnosed multiple brain metastases. *Cochrane Database of Systematic Reviews, 4*

van Beijnum, J., Bhattacharya, J. J., Counsell, C. E., Papanastassiou, V., Ritchie, V., Roberts, R. C., . . . Scottish Intracranial Vascular Malformation Study,Collaborators. (2008). Patterns of brain arteriovenous malformation treatment: Prospective, population-based study. *Stroke, 39*(12), 3216-3221.

van Rooij, W. J., Sluzewski, M., & Beute, G. N. (2007). Brain AVM embolization with onyx. *Ajnr: American Journal of Neuroradiology, 28*(1), 172-177.

Varughese, J. K., Wentzel-Larsen, T., Vassbotn, F., Moen, G., & Lund-Johansen, M. (2010). Analysis of vestibular schwannoma size in multiple dimensions: A comparative cohort study of different measurement techniques. *Clinical Otolaryngology, 35*(2), 97-103.

Vecil, G. G., Suki, D., Maldaun, M. V., Lang, F. F., & Sawaya, R. (2005). Resection of brain metastases previously treated with stereotactic radiosurgery. *Journal of Neurosurgery, 102*(2), 209-215.

Verbakel WF, Cuijpers JP, Hoffmans D, Bieker M, Slotman BJ, Senan S. Volumetric intensity-modulated arc therapy vs. conventional IMRT in head-and-neck cancer: a comparative planning and dosimetric study. *Int J Radiat Oncol Biol Phys.* 2009 May 1;74(1):252-9. *VU University Medical Center, Amsterdam, The Netherlands.*

Vernimmen, F. J., Slabbert, J. P., Wilson, J. A., Fredericks, S., & Melvill, R. (2005). Stereotactic proton beam therapy for intracranial arteriovenous malformations. *International Journal of Radiation Oncology, Biology, Physics, 62*(1), 44-52.

Weber DC, Wang H, Cozzi L, Dipasquale G, Khan HG, Ratib O, Rouzaud M, Vees H, Zaidi H, Miralbell R. RapidArc, intensity modulated photon and proton techniques for recurrent prostate cancer in previously irradiated patients: a treatment planning comparison study. *Radiat Oncol.* 2009 Sep 9;4(1):34. *Hôpitaux Universitaires de Genève, Genève, Switzerland*

Weber, D. C., Chan, A. W., Bussiere, M. R., Harsh, G. R.,4th, Ancukiewicz, M., Barker, F. G.,2nd, . . . Loeffler, J. S. (2003). Proton beam radiosurgery for vestibular schwannoma: Tumor control and cranial nerve toxicity. *Neurosurgery, 53*(3), 577-586.

Wegner, R. E., Oysul, K., Pollock, B. E., Sirin, S., Kondziolka, D., Niranjan, A., . . . Flickinger, J. C. (2011). A modified radiosurgery-based arteriovenous malformation grading scale and its correlation with outcomes. *International Journal of Radiation Oncology, Biology, Physics, 79*(4), 1147-1150.

Widhalm, G., Wolfsberger, S., Preusser, M., Woehrer, A., Kotter, M. R., Czech, T., Marosi, C., & Knosp, E. (2009). O(6)-methylguanine DNA methyltransferase immunoexpression in nonfunctioning pituitary adenomas: Are progressive tumors potential candidates for temozolomide treatment? *Cancer, 115*(5), 1070-1080.

Xu, F., Ni, W., Liao, Y., Gu, Y., Xu, B., Leng, B., & Song, D. (2011). Onyx embolization for the treatment of brain arteriovenous malformations. *Acta Neurochirurgica, 153*(4), 869-878.

Yamada Y, Lovelock DM, Bilsky MH. A Review of Image-Guided Intensity-Modulated Radiotherapy for Spinal Tumors. *Neurosurgery*. 2007 Aug;61(2):226-235, *Memorial Sloan-Kettering Cancer Center, New York*

Yamada Y, Lovelock M, Bilsky MH. Image-guided intensity-modulated radiation therapy of spine tumors. *Curr Neurol Neurosci Rep*. 2006 May;6(3):207-11. *Memorial Sloan-Kettering Cancer Center, New York*

Yamada, Y., Bilsky, M.H., Lovelock, D.M., Venkatraman, E.S., Toner, S., Johnson, J., … Fuks, Z.,(2008), High-dose, single-fraction image-guided intensity-modulated radiotherapy for metastatic spinal lesions. International journal of radiation oncology biology physics, 71(2), 484-490. doi: 10.1016/j.ijrobp.2007.11.046

Yamanaka, Y., Shuto, T., Kato, Y., Okada, T., Inomori, S., Fujino, H., & Nagano, H. (2006). Ommaya reservoir placement followed by gamma knife surgery for large cystic metastatic brain tumors. *Journal of Neurosurgery, 105*(Suppl), 79-81.

Yamashita, H., Kobayashi-Shibata, S., Terahara, A., Okuma, K., Haga, A., Wakui, R., . . . Nakagawa, K. (2010). Prescreening based on the presence of CT-scan abnormalities and biomarkers (KL-6 and SP-D) may reduce severe radiation pneumonitis after stereotactic radiotherapy. *Radiation Oncology, 5*, 32.

Yang, Z. X., Wang, D., Wang, G., Zhang, Q. H., Liu, J. M., Peng, P., & Liu, X. H. (2010). Clinical study of recombinant adenovirus-p53 combined with fractionated stereotactic radiotherapy for hepatocellular carcinoma. *Journal of Cancer Research & Clinical Oncology, 136*(4), 625-630.

Yano, S., Kuratsu, J., & Kumamoto Brain Tumor Research, G. (2006). Indications for surgery in patients with asymptomatic meningiomas based on an extensive experience. *Journal of Neurosurgery, 105*(4), 538-543.

Yin FF, Ryu S, Ajlouni M, Zhu J, Yan H, Guan H, Faber K, Rock J, Abdalhak M, Rogers L, Rosenblum M, Kim JH. A technique of intensity-modulated radiosurgery (IMRS) for spinal tumors. *Med Phys*. 2002 Dec;29(12):2815-22. *Henry Ford Hospital, Detroit*

Yoshida, S., & Takahashi, H. (2009). Cerebellar metastases in patients with cancer. *Surgical Neurology, 71*(2), 184-187.

Zietman AL, DeSilvio ML, Slater JD, et al. Comparison of Conventional-Dose vs. High-Dose Conformal Radiation Therapy in Clinically Localized Adenocarcinoma of the Prostate: A Randomized Clinical Trial. JAMA 2005;294(10):1233-1239.

Zygmanski P, Kung JH, Jiang SB, Chin L. Dependence of fluence errors in dynamic IMRT on leaf-positional errors varying with time and leaf number. *Med Phys.* 2003 Oct;30(10):2736-49. *Brigham and Women's Hospital and Harvard Medical School, Boston*

Non-English Language

Dong, Y., Pan, L., Wang, B., Wang, E., Zhang, N., Cai, P., & Dai, J. (2003). Stereotactic radiosurgery in the treatment of primary central nervous system lymphoma. *Chinese Medical Journal, 116*(8), 1166-1170.

Golanov AV, Cherekaev VA, Serova NK, Pronin IN, Gorlachev GE, Kotel'nikova TM, Podoprigora AE, Kudriavtseva PA, Galkin MV [Linear accelerator-based stereotactic radiation treatment of patients with medial middle fossa meningiomas] *Zh Vopr Neirokhir Im N N Burdenko.* 2010 Jan-Mar;(1):13-8. Russian.

Herfarth, K. K., & Debus, J. (2005). [Stereotactic radiation therapy for liver metastases]. *Der Chirurg; Zeitschrift Fur Alle Gebiete Der Operativen Medizen, 76*(6), 564-569.

Hu, L., Zhang, F., & Liu, L. (2005). [The studies on late course accelerated hyperfractionation stereotactic conformal radiotherapy for esophageal carcinoma]. *Chinese Journal of Clinical Oncology, 32*(8), 439-441.

Ju, D. T., Lin, J. W., Lin, M. S., Lee, L. M., Tseng, H. M., Wei, C. P., . . . Tsai, J. T. (2008). Hypofractionated CyberKnife stereotactic radiosurgery for acoustic neuromas with and without association to neurofibromatosis type 2. *Acta Neurochirurgica - Supplement, 101*, 169-173.

Pamir, M. N., Peker, S., Kilic, T., & Sengoz, M. (2007). Efficacy of gamma-knife surgery for treating meningiomas that involve the superior sagittal sinus. *Zentralblatt Fur Neurochirurgie, 68*(2), 73-78.

Simonova, G.L., R., [Significance of radiosurgery in the treatment of brain metastases]. Casopis Lekaru Ceskych, 2011. 150(4-5): p. 273-7.

Szeifert, G. T., Figarella-Branger, D., Roche, P. H., & Regis, J. (2004). Histopathological observations on vestibular schwannomas after gamma knife radiosurgery: The marseille experience. *Neuro-Chirurgie, 50*(2-3 Pt 2), 327-337.

Unger, F., Walch, C., Papaefthymiou, G., Eustacchio, S., Feichtinger, K., Quehenberger, F., & Pendl, G. (2002). Long term results of radiosurgery for vestibular schwannomas. *Zentralblatt Fur Neurochirurgie, 63*(2), 52-58.

Wang, X. C., Huang, X. B., Ding, Y., Mo, K. L., & Yang, S. (2008). [Three-dimensional conformal radiotherapy combined with stereotactic radiotherapy for locally advanced non-small cell lung cancer: Efficacy and complications]. *Nan Fang Yi Ke Da Xue Xue Bao = Journal of Southern Medical University, 28*(11), 1996-1998.

Yang, S. Y., Long, Z. X., Li, Y. X., Peng, Y. W., Wang, J. G., Chen, G. M., et al. (2007). [Clinical study of gamma-knife under FSRT combined with linac in the treatment of nasopharyngeal carcinoma]. *Chinese Journal of Cancer Prevention and Treatment, 14*(22), 1707-1709.

Outcomes Not Relevant

Andersen, K. G., & Kehlet, H. (2011). Persistent pain after breast cancer treatment: A critical review of risk factors and strategies for prevention. *Journal of Pain, 12*(7), 725-746.

Aoyama, H., Tago, M., Kato, N., Toyoda, T., Kenjyo, M., Hirota, S., . . . Shirato, H. (2007). Neurocognitive function of patients with brain metastasis who received either whole brain radiotherapy plus stereotactic radiosurgery or radiosurgery alone. *International Journal of Radiation Oncology, Biology, Physics, 68*(5), 1388-1395.

Bassim, M. K., Berliner, K. I., Fisher, L. M., Brackmann, D. E., & Friedman, R. A. (2010). Radiation therapy for the treatment of vestibular schwannoma: A critical evaluation of the state of the literature. *Otology & Neurotology, 31*(4), 567-573.

Dahele, M., Palma, D., Lagerwaard, F., Slotman, B., & Senan, S. (2011). Radiological changes after stereotactic radiotherapy for stage I lung cancer. *Journal of Thoracic Oncology: Official Publication of the International Association for the Study of Lung Cancer, 6*(7), 1221-1228.

Gerszten PC, Burton SA, Ozhasoglu C, et al. Radiosurgery for spinal metastases: clinical experience in 500 cases from a single institution. Spine 2007;32:193-199.

Gerszten, P. C., Burton, S. A., Ozhasoglu, C., & Welch, W. C. (2007). Radiosurgery for spinal metastases: Clinical experience in 500 cases from a single institution. *Spine, 32*(2), 193-199.

Gerszten, P. C., Burton, S. A., Welch, W. C., Brufsky, A. M., Lembersky, B. C., Ozhasoglu, C., & Vogel, W. J. (2005). Single-fraction radiosurgery for the treatment of spinal breast metastases. *Cancer, 104*(10), 2244-2254.

Gerszten, P. C., Ozhasoglu, C., Burton, S. A., Kalnicki, S., & Welch, W. C. (2002). Feasibility of frameless single-fraction stereotactic radiosurgery for spinal lesions. *Neurosurgical Focus, 13*(4), e2.

Gerszten, P. C., Ozhasoglu, C., Burton, S. A., Vogel, W., Atkins, B., Kalnicki, S., & Welch, W. C. (2003). Evaluation of CyberKnife frameless real-time image-guided stereotactic radiosurgery for spinal lesions. *Stereotactic & Functional Neurosurgery, 81*(1-4), 84-89.)]

Itshayek E, Yamada J, Bilsky M, Schmidt M, Shaffrey C, Gerszten P, Polly D, Gokaslan Z, Varga PP, Fisher CG. Timing of surgery and radiotherapy in the management of metastatic spine disease: a systematic review. *Int J Oncol.* 2010 Mar;36(3):533-44. Review. *Hadassah University Hospital, Jerusalem*

Itshayek, E., Yamada, J., Bilsky, M., Schmidt, M., Shaffrey, C., Gerszten, P., . . . Fisher, C. G. (2010). Timing of surgery and radiotherapy in the management of metastatic spine disease: A systematic review. *International Journal of Oncology, 36*(3), 533-544.

Jereczek-Fossa, B. A., Kowalczyk, A., D'Onofrio, A., Catalano, G., Garibaldi, C., Boboc, G., . . . Orecchia, R. (2008). Three-dimensional conformal or stereotactic reirradiation of recurrent, metastatic or new primary tumors. analysis of 108 patients. *Strahlentherapie Und Onkologie, 184*(1), 36-40.

Klenzner, T., Lutterbach, J., Aschendorff, A., Pedersen, P., Stecker, M., & Laszig, R. (2004). The effect of large single radiation doses on cochlear implant function: Implications for radiosurgery. *European Archives of Oto-Rhino-Laryngology, 261*(5), 251-255.

Kocher, M., Soffietti, R., Abacioglu, U., Villa, S., Fauchon, F., Baumert, B. G., et al. (2011). Adjuvant whole-brain radiotherapy versus observation after radiosurgery or surgical resection of one to three cerebral metastases: Results of the EORTC 22952-26001 study. *Journal of Clinical Oncology, 29*(2), 134-141.

Maruyama, K., Shin, M., Tago, M., Kishimoto, J., Morita, A., & Kawahara, N. (2007). Radiosurgery to reduce the risk of first hemorrhage from brain arteriovenous malformations. *Neurosurgery, 60*(3), 453-458.

Price, Perkins, Sandrasegaran, Henderson, Maluccio, Zook, Tector, Vianna, Johnstone and Cardenes, Evaluation of response after stereotactic body radiotherapy for hepatocellular carcinoma. Journal/Cancer, 2011

Rowe, J. G., Radatz, M. W., Walton, L., & Kemeny, A. A. (2002). Changing utilization of stereotactic radiosurgery in the UK: The sheffield experience. *British Journal of Neurosurgery, 16*(5), 477-482.

Ryu S, Jin R, Jin JY, Chen Q, Rock J, Anderson J, Movsas B. Pain Control by Image-Guided Radiosurgery for Solitary Spinal Metastasis., *J Pain Symptom Manage*. 2008 Mar;35(3):292-8. *Henry Ford Hospital, Detroit*

Ryu S, Rock J, Rosenblum M, Kim JH. Patterns of failure after single-dose radiosurgery for spinal metastasis. *J Neurosurg*. 2004 Nov;101 Suppl 3:402-5. *Henry Ford Hospital, Detroit*

Schauble, B., Cascino, G. D., Pollock, B. E., Gorman, D. A., Weigand, S., Cohen-Gadol, A. A., & McClelland, R. L. (2004). Seizure outcomes after stereotactic radiosurgery for cerebral arteriovenous malformations. *Neurology, 63*(4), 683-687.

Sharma, M. S., Kondziolka, D., Khan, A., Kano, H., Niranjan, A., Flickinger, J. C., & Lunsford, L. D. (2008). Radiation tolerance limits of the brainstem. *Neurosurgery, 63*(4), 728-732.

Szeifert, G. T., Kondziolka, D., Atteberry, D. S., Salmon, I., Rorive, S., Levivier, M., & Lunsford, L. D. (2007). Radiosurgical pathology of brain tumors: Metastases, schwannomas, meningiomas, astrocytomas, hemangioblastomas. *Progress in Neurological Surgery, 20*, 91-105.

van der Pool, A. E., Lalmahomed, Z. S., de Wilt, J. H., Eggermont, A. M., Ijzermans, J. M., & Verhoef, C. (2009). Local treatment for recurrent colorectal hepatic metastases after partial hepatectomy. *Journal of Gastrointestinal Surgery, 13*(5), 890-895.

Yeung, A. H., Sughrue, M. E., Kane, A. J., Tihan, T., Cheung, S. W., & Parsa, A. T. (2009). Radiobiology of vestibular schwannomas: Mechanisms of radioresistance and potential targets for therapeutic sensitization. *Neurosurgical Focus, 27*(6), E2.

Population Not Relevant

Aghi, M. K., Petit, J., Chapman, P., Loeffler, J., Klibanski, A., Biller, B. M., & Swearingen, B. (2008). Management of recurrent and refractory cushing's disease with reoperation and/or proton beam radiosurgery. *Clinical Neurosurgery, 55*, 141-144.

Agid, R., Terbrugge, K., Rodesch, G., Andersson, T., & Soderman, M. (2009). Management strategies for anterior cranial fossa (ethmoidal) dural arteriovenous fistulas with an emphasis on endovascular treatment. *Journal of Neurosurgery, 110*(1), 79-84.

AHA Scientific Statement: Recommendations for the management of intracranial arteriovenous malformations: a statement for healthcare professionals from a special writing group of the Stroke Council, American Stroke Association. Ogilvy CS, Stieg PE, Awad I, Brown RD Jr, Kondziolka D, Rosenwasser R, Young WL, Hademenos G, Special Writing Group of the Stroke Council, American Stroke Association. Stroke. 2001;32(6):1458.

Akakin, A., Ozkan, A., Akgun, E., Koc, D. Y., Konya, D., Pamir, M. N., & Kilic, T. (2010). Endovascular treatment increases but gamma knife radiosurgery decreases angiogenic activity of arteriovenous malformations: An in vivo experimental study using a rat cornea model. *Neurosurgery, 66*(1), 121-129.

Al Maqbali, T., Al Khabouri, M., & Kumar, S. (2011). Radiosurgical correlation of obstructive adenoids in children. *European Archives of Oto-Rhino-Laryngology, 268*(10), 1475-1478.

Alvarez, L., Macias, R., Lopez, G., Alvarez, E., Pavon, N., Rodriguez-Oroz, M. C., . . . Obeso, J. A. (2005). Bilateral subthalamotomy in parkinson's disease: Initial and long-term response. *Brain, 128*(Pt 3), 570-583.

Andisheh, B., Brahme, A., Bitaraf, M. A., Mavroidis, P., & Lind, B. K. (2009). Clinical and radiobiological advantages of single-dose stereotactic light-ion radiation therapy for large intracranial arteriovenous malformations. technical note. *Journal of Neurosurgery, 111*(5), 919-926.

Andrade-Souza, Y. M., Ramani, M., Scora, D., Tsao, M. N., TerBrugge, K., & Schwartz, M. L. (2006). Radiosurgical treatment for rolandic arteriovenous malformations. *Journal of Neurosurgery, 105*(5), 689-697. Andrade-Souza, Y. M., Zadeh, G., Scora, D., Tsao, M. N., & Schwartz, M. L. (2005). Radiosurgery for basal ganglia, internal capsule, and thalamus arteriovenous malformation: Clinical outcome. *Neurosurgery, 56*(1), 56-63.

Arai, Y., Kano, H., Lunsford, L. D., Novotny, J.,Jr, Niranjan, A., Flickinger, J. C., & Kondziolka, D. (2010). Does the gamma knife dose rate affect outcomes in radiosurgery for trigeminal neuralgia?. *Journal of Neurosurgery, 113*(Suppl), 168-171.

Aryan, H. E., Nakaji, P., Lu, D. C., & Alksne, J. F. (2006). Multimodality treatment of trigeminal neuralgia: Impact of radiosurgery and high resolution magnetic resonance imaging. *Journal of Clinical Neuroscience, 13*(2), 239-244.

Arzimanoglou, A. A., Hirsch, E., & Aicardi, J. (2003). Hypothalamic hamartoma and epilepsy in children: Illustrative cases of possible evolutions. *Epileptic Disorders, 5*(4), 187-199.

Attanasio, R., Epaminonda, P., Motti, E., Giugni, E., Ventrella, L., Cozzi, R., . . . Arosio, M. (2003). Gamma-knife radiosurgery in acromegaly: A 4-year follow-up study. *Journal of Clinical Endocrinology & Metabolism, 88*(7), 3105-3112.

Aubuchon, A. C., Chan, M. D., Lovato, J. F., Balamucki, C. J., Ellis, T. L., Tatter, S. B., . . . Shaw, E. G. (2011). Repeat gamma knife radiosurgery for trigeminal neuralgia. *International Journal of Radiation Oncology, Biology, Physics, 81*(4), 1059-1065.

Azar, M., Yahyavi, S. T., Bitaraf, M. A., Gazik, F. K., Allahverdi, M., Shahbazi, S., & Alikhani, M. (2009). Gamma knife radiosurgery in patients with trigeminal neuralgia: Quality of life, outcomes, and complications. *Clinical Neurology & Neurosurgery, 111*(2), 174-178.

Back, A. G., Vollmer, D., Zeck, O., Shkedy, C., & Shedden, P. M. (2008). Retrospective analysis of unstaged and staged gamma knife surgery with and without preceding embolization for the treatment of arteriovenous malformations. *Journal of Neurosurgery, 109*(Suppl), 57-64.

Back, L. J., Liukko, T., Sinkkonen, S. T., Ylikoski, J., & Makitie, A. A. (2009). Complication rates of radiofrequency surgery in the upper airways: A single institution experience. *Acta Oto-Laryngologica, 129*(12), 1469-1473.

Bahgat, D., Ray, D. K., Raslan, A. M., McCartney, S., & Burchiel, K. J. (2011). Trigeminal neuralgia in young adults. *Journal of Neurosurgery, 114*(5), 1306-1311.

Bakker, M., Esselink, R. A., Munneke, M., Limousin-Dowsey, P., Speelman, H. D., & Bloem, B. R. (2004). Effects of stereotactic neurosurgery on postural instability and gait in parkinson's disease. *Movement Disorders, 19*(9), 1092-1099.

Balamucki, C. J., Stieber, V. W., Ellis, T. L., Tatter, S. B., Deguzman, A. F., McMullen, K. P., . . . Branch, C. (2006). Does dose rate affect efficacy? the outcomes of 256 gamma knife surgery procedures for trigeminal neuralgia and other types of facial pain as they relate to the half-life of cobalt. *Journal of Neurosurgery, 105*(5), 730-735.

Barbaro, N. M., Quigg, M., Broshek, D. K., Ward, M. M., Lamborn, K. R., et al. (2009). A multicenter, prospective pilot study of gamma knife radiosurgery for mesial temporal lobe epilepsy: Seizure response, adverse events, and verbal memory. *Annals of Neurology, 65*(2), 167-175.

Barbaro, N. M., Quigg, M., Broshek, D. K., Ward, M. M., Lamborn, K. R., Laxer, K. D., . . . Goodman, R. (2009). A multicenter, prospective pilot study of gamma knife radiosurgery for mesial temporal lobe epilepsy: Seizure response, adverse events, and verbal memory. *Annals of Neurology, 65*(2), 167-175.

Bartolomei, F., Hayashi, M., Tamura, M., Rey, M., Fischer, C., Chauvel, P., & Regis, J. (2008). Long-term efficacy of gamma knife radiosurgery in mesial temporal lobe epilepsy. *Neurology, 70*(19), 1658-1663.

Blackburn, S. L., Ashley, W. W.,Jr, Rich, K. M., Simpson, J. R., Drzymala, R. E., Ray, W. Z., . . . Zipfel, G. J. (2011). Combined endovascular embolization and stereotactic radiosurgery in the treatment of large arteriovenous malformations. *Journal of Neurosurgery, 114*(6), 1758-1767.

Blamek, S., Boba, M., Larysz, D., Rudnik, A., Ficek, K., Eksner, B., . . . Tarnawski, R. (2010). The incidence of imaging abnormalities after stereotactic radiosurgery for cerebral arteriovenous and cavernous malformations. *Acta Neurochirurgica - Supplement, 106*, 187-190.

Blamek, S., Tarnawski, R., & Miszczyk, L. (2011). Linac-based stereotactic radiosurgery for brain arteriovenous malformations. *Clinical Oncology (Royal College of Radiologists), 23*(8), 525-531.

Borchers, J. D.,3rd, Yang, H. J., Sakamoto, G. T., Howes, G. A., Gupta, G., Chang, S. D., & Adler, J. R.,Jr. (2009). Cyberknife stereotactic radiosurgical rhizotomy for trigeminal neuralgia: Anatomic and morphological considerations. *Neurosurgery, 64*(2 Suppl), A91-5.

Brisman, R. (2003). Repeat gamma knife radiosurgery for trigeminal neuralgia. *Stereotactic & Functional Neurosurgery, 81*(1-4), 43-49.

Brisman, R. (2004). Gamma knife surgery with a dose of 75 to 76.8 gray for trigeminal neuralgia. *Journal of Neurosurgery, 100*(5), 848-854. Brisman, R. (2007). Microvascular decompression vs. gamma knife radiosurgery for typical trigeminal neuralgia: Preliminary findings. *Stereotactic & Functional Neurosurgery, 85*(2-3), 94-98.

Broshek, D. K., Quigg, M., Laxer, K., & and Barbaro, N. M. (2006). Two year outcomes of a multicenter, prospective pilot study of gamma knife radiosurgery for mesial temporal lobe epilepsy: Neuropsychological outcome. *Epilepsia, 47 Suppl 4*, 13.

Brunner TB, Ernst-Stecken A, Jeske I, Grabenbauer GG, Sauer R, Distel L. Molecular verification of stereotactic radiotherapy in rats using ATMpS1981 immunofluorescence. *Radiother Oncol*. 2006 Apr;79(1):109-14, *University Hospitals of Erlangen, DE*

Buis DR, Dirven CM, Lagerwaard FJ, Mandl ES, Lycklama Ã Nijeholt GJ, Eshghi DS, van den Berg R, Baayen JC, Meijer OW, Slotman BJ, Vandertop WP. Radiosurgery of brain arteriovenous malformations in children*. J Neurol.* 2008 Apr;255(4):551-60.*VU University Medical Center, Amsterdam*

Buis DR, Lagerwaard FJ, Barkhof F, Dirven CM, Lycklama GJ, Meijer OW, van den Berg R, Langendijk HA, Slotman BJ, Vandertop WP. Stereotactic radiosurgery for brain AVMs: role of interobserver variation in target definition on digital subtraction angiography. *Int J Radiat Oncol Biol Phys.* 2005 May 1;62(1):246-52. *VU University Medical Center, Amsterdam*

Buis DR, Lagerwaard FJ, Dirven CM, Barkhof F, Knol DL, van den Berg R, Slotman BJ, Vandertop WP. Delineation of brain AVMs on MR-Angiography for the purpose of stereotactic radiosurgery. *Int J Radiat Oncol Biol Phys.* 2007 Jan 1;67(1):308-16. *VU University Medical Center, Amsterdam*

Buis, D. R., Dirven, C. M., Lagerwaard, F. J., Mandl, E. S., Lycklama A Nijeholt, G. J., Eshghi, D. S., . . . Vandertop, W. P. (2008). Radiosurgery of brain arteriovenous malformations in children. *Journal of Neurology, 255*(4), 551-560.

Buis, D. R., van den Berg, R., Lycklama, G., van der Worp, H. B., Dirven, C. M., & Vandertop, W. P. (2004). Spontaneous regression of brain arteriovenous malformations--a clinical study and a systematic review of the literature. *Journal of Neurology, 251*(11), 1375-1382.

Burchiel, K. J. (2005). Gamma knife and trigeminal neuralgia. *Journal of Neurosurgery, 102*(3), 431-432.

Castinetti, F., Nagai, M., Dufour, H., Kuhn, J. M., Morange, I., Jaquet, P., . . . Brue, T. (2007). Gamma knife radiosurgery is a successful adjunctive treatment in cushing's disease. *European Journal of Endocrinology, 156*(1), 91-98.

Castinetti, F., Taieb, D., Kuhn, J. M., Chanson, P., Tamura, M., Jaquet, P., . . . Brue, T. (2005). Outcome of gamma knife radiosurgery in 82 patients with acromegaly: Correlation with initial hypersecretion. *Journal of Clinical Endocrinology & Metabolism, 90*(8), 4483-4488.

Catenoix, H., Mauguiere, F., Guenot, M., Ryvlin, P., Bissery, A., Sindou, M., & Isnard, J. (2008). SEEG-guided thermocoagulations: A palliative treatment of nonoperable partial epilepsies. *Neurology, 71*(21), 1719-1726.

Caudle, A. S., Brier, S. E., Calvo, B. F., Kim, H. J., Meyers, M. O., & Ollila, D. W. (2006). Experienced radio-guided surgery teams can successfully perform minimally invasive radio-guided parathyroidectomy without intraoperative parathyroid hormone assays. *American Surgeon, 72*(9), 785-789.

Cecconi, J. P., Lopes, A. C., Duran, F. L., Santos, L. C., Hoexter, M. Q., Gentil, A. F., . . . Miguel, E. C. (2008). Gamma ventral capsulotomy for treatment of resistant obsessive-compulsive disorder: A structural MRI pilot prospective study. *Neuroscience Letters, 447*(2-3), 138-142.

Celis MA, Moreno-Jimenez S, Larraga-Gutierrez JM, Alonso-Vanegas MA, Garcia-Garduno OA, Martinez- Juarez IE, Fernandez-Gonzalez MC. Corpus callosotomy using conformal stereotactic radiosurgery. *Childs Nerv Syst.* 2007 Aug;23(8):917-20. *Instituto Nacional de Neurología y Neurocirugía, Tlalpan, México*

Chang, E. F., Oh, M., & Dillon, W. (2009). Radiosurgery for MTLE: Sparing of neurocognition, prediction of seizure remission, and potential antiepileptic mechanisms of dose-related peak MRI effects. *Neurology, 72*(11 Suppl 3), A351.

Chang, E. F., Quigg, M., Oh, M. C., Dillon, W. P., Ward, M. M., Laxer, K. D., et al. (2010). Predictors of efficacy after stereotactic radiosurgery for medial temporal lobe epilepsy. *Neurology, 74*(2), 165-172.

Chang, E. F., Quigg, M., Oh, M. C., Dillon, W. P., Ward, M. M., Laxer, K. D., . . . Epilepsy Radiosurgery Study, G. (2010). Predictors of efficacy after stereotactic radiosurgery for medial temporal lobe epilepsy. *Neurology, 74*(2), 165-172.

Chang, S. D., Marcellus, M. L., Marks, M. P., Levy, R. P., Do, H. M., & Steinberg, G. K. (2003). Multimodality treatment of giant intracranial arteriovenous malformations. *Neurosurgery, 53*(1), 1-11.

Chang, T. C., Shirato, H., Aoyama, H., Ushikoshi, S., Kato, N., Kuroda, S., . . . Miyasaka, K. (2004). Stereotactic irradiation for intracranial arteriovenous malformation using stereotactic radiosurgery or hypofractionated stereotactic radiotherapy. *International Journal of Radiation Oncology, Biology, Physics, 60*(3), 861-870.

Chatzopoulos, D., Moralidis, E., Markou, P., & Makris, V. (2009). Yttrium-90 radiation synovectomy in knee osteoarthritis: A prospective assessment at 6 and 12 months. *Nuclear Medicine Communications, 30*(6), 472-479.

Chavez, G. D., De Salles, A. A., Solberg, T. D., Pedroso, A., Espinoza, D., & Villablanca, P. (2005). Three-dimensional fast imaging employing steady-state acquisition magnetic resonance imaging for stereotactic radiosurgery of trigeminal neuralgia. *Neurosurgery, 56*(3), E628.

Chen JC, Girvigian M, Greathouse H, Miller M, Rahimian J. Treatment of trigeminal neuralgia with linear accelerator radiosurgery: initial results. *J Neurosurg.* 2004 Nov;101 Suppl 3:346-50. *Southern California Permanente Medical Group, Los Angeles*

Chen JC, Greathouse HE, Girvigian MR, Miller MJ, Liu A, Rahimian J. Prognostic factors for radiosurgery treatment of trigeminal neuralgia. *Neurosurgery*. 2008 May;62(5 Suppl):A53-61. *Southern California Permanente Medical Group and Kaiser Foundation, Los Angeles*

Chen, J. C., Girvigian, M., Greathouse, H., Miller, M., & Rahimian, J. (2004). Treatment of trigeminal neuralgia with linear accelerator radiosurgery: Initial results. *Journal of Neurosurgery, 101*(Suppl 3), 346-350.

Chen, J. C., Greathouse, H. E., Girvigian, M. R., Miller, M. J., Liu, A., & Rahimian, J. (2008). Prognostic factors for radiosurgery treatment of trigeminal neuralgia. *Neurosurgery, 62*(5 Suppl), A53-60.

Chen, J. C., Rahimian, J., Rahimian, R., Arellano, A., Miller, M. J., & Girvigian, M. R. (2010). Frameless image-guided radiosurgery for initial treatment of typical trigeminal neuralgia. *World Neurosurgery, 74*(4-5), 538-543.

Cheng, J. S., Sanchez-Mejia, R. O., Limbo, M., Ward, M. M., & Barbaro, N. M. (2005). Management of medically refractory trigeminal neuralgia in patients with multiple sclerosis. *Neurosurgical Focus, 18*(5), e13.

Christmas, D., Crombie, I., Eljamel, S., Fineberg, N., MacVicar, B., Matthews, K., et al. (2009). Neurosurgery for obsessive-compulsive disorder, other anxiety disorders and depressive disorders. *Cochrane Database of Systematic Reviews, 1*

Chuang, Y. M., Guo, W., & Lin, C. P. (2010). Appraising the plasticity of the circle of willis: A model of hemodynamic modulation in cerebral arteriovenous malformations. *European Neurology, 63*(5), 295-301.

Clark, J. H., Burger, P. C., Boahene, D. K., & Niparko, J. K. (2010). Traumatic facial nerve neuroma with facial palsy presenting in infancy. *Otology & Neurotology, 31*(5), 813-816.

Cohen, S. P., Bajwa, Z. H., Kraemer, J. J., Dragovich, A., Williams, K. A., Stream, J., . . . Hurley, R. W. (2007). Factors predicting success and failure for cervical facet radiofrequency denervation: A multi-center analysis. *Regional Anesthesia & Pain Medicine, 32*(6), 495-503.

Cohen-Gadol, A. A., & Pollock, B. E. (2006). Radiosurgery for arteriovenous malformations in children. *Journal of Neurosurgery, 104*(6 Suppl), 388-391.

Colombo, F., Cavedon, C., Casentini, L., Francescon, P., Causin, F., & Pinna, V. (2009). Early results of CyberKnife radiosurgery for arteriovenous malformations. *Journal of Neurosurgery, 111*(4), 807-819.

Cover KS, Lagerwaard FJ, van den Berg R, Buis DR, Slotman BJ. Color intensity projection of digitally subtracted angiography for the visualization of brain arteriovenous malformations. *Neurosurgery*. 2007 Mar;60(3):511-4; discussion 514-5.*VU University Medical Center, Amsterdam*

Crocco, A. (2002). Arteriovenous malformations in the basal ganglia region: Gamma knife radiosurgery as first choice treatment in selected cases. *Journal of Neurosurgical Sciences, 46*(2), 43-54.

Cruccu, G., Gronseth, G., Alksne, J., Argoff, C., Brainin, M., Burchiel, K., . . . European Federation of Neurological, S. (2008). AAN-EFNS guidelines on trigeminal neuralgia management. *European Journal of Neurology, 15*(10), 1013-1028.

De Salles AA, Frighetto L, Lacan G, Melega W. Radiosurgery can achieve precision needed for functional neurosurgery. *Arch Neurol.* 2003 Oct;60(10):1494-6. *UCLA, Los Angeles*

De Salles AA, Melega WP, Lacan G, Steele LJ, Solberg TD. Radiosurgery performed with the aid of a 3-mm collimator in the subthalamic nucleus and substantia nigra of the vervet monkey. *J Neurosurg*. 2001 Dec;95(6):990-7. *UCLA, Los Angeles*

Dehdashti, A. R., Thines, L., Willinsky, R. A., terBrugge, K. G., Schwartz, M. L., Tymianski, M., & Wallace, M. C. (2010). Multidisciplinary care of occipital arteriovenous malformations: Effect on nonhemorrhagic headache, vision, and outcome in a series of 135 patients. clinical article. *Journal of Neurosurgery, 113*(4), 742-748.

Dellaretti, M., Reyns, N., Touzet, G., Sarrazin, T., Dubois, F., Lartigau, E., & Blond, S. (2008). Clinical outcomes after gamma knife surgery for idiopathic trigeminal neuralgia: Review of 76 consecutive cases. *Journal of Neurosurgery, 109*(Suppl), 173-178.

Devin JK, Allen GS, Cmelak AJ, Duggan DM, Blevins LS. The efficacy of linear accelerator radiosurgery in the management of patients with Cushing's disease. *Stereotact Funct Neurosurg*. 2004;82(5-6):254-62. *Vanderbilt University School of Medicine, Nashville*

Devin, J. K., Allen, G. S., Cmelak, A. J., Duggan, D. M., & Blevins, L. S. (2004). The efficacy of linear accelerator radiosurgery in the management of patients with cushing's disease. *Stereotactic & Functional Neurosurgery, 82*(5-6), 254-262.

Dhople, A. A., Adams, J. R., Maggio, W. W., Naqvi, S. A., Regine, W. F., & Kwok, Y. (2009). Long-term outcomes of gamma knife radiosurgery for classic trigeminal neuralgia: Implications of treatment and critical review of the literature. clinical article. *Journal of Neurosurgery, 111*(2), 351-358.

Dhople, A., Kwok, Y., Chin, L., Shepard, D., Slawson, R., Amin, P., & Regine, W. (2007). Efficacy and quality of life outcomes in patients with atypical trigeminal neuralgia treated with gamma-knife radiosurgery. *International Journal of Radiation Oncology, Biology, Physics, 69*(2), 397-403.

Donnet, A., Valade, D., & Regis, J. (2005). Gamma knife treatment for refractory cluster headache: Prospective open trial. *Journal of Neurology, Neurosurgery & Psychiatry, 76*(2), 218-221.

Dorfer, C., Czech, T., Bavinzski, G., Kitz, K., Mert, A., Knosp, E., & Gruber, A. (2010). Multimodality treatment of cerebral AVMs in children: A single-centre 20 years experience. *Childs Nervous System, 26*(5), 681-687.

Dos Santos, M. A., Perez de Salcedo, J. B., Gutierrez Diaz, J. A., Nagore, G., Calvo, F. A., Samblas, J., . . . Sallabanda, K. (2011). Outcome for patients with essential trigeminal neuralgia treated with linear accelerator stereotactic radiosurgery. *Stereotactic & Functional Neurosurgery, 89*(4), 220-225.

Douglas, J. G., & Goodkin, R. (2008). Treatment of arteriovenous malformations using gamma knife surgery: The experience at the university of washington from 2000 to 2005. *Journal of Neurosurgery, 109*(Suppl), 51-56.

Drzymala, R. E., Malyapa, R. S., Dowling, J. L., Rich, K. M., Simpson, J. R., & Mansur, D. B. (2005). Gamma knife radiosurgery for trigeminal neuralgia: The washington university initial experience. *Stereotactic & Functional Neurosurgery, 83*(4), 148-152.

Ecker, R. D., & Pollock, B. E. (2003). CSNS resident award: The economics of trigeminal neuralgia surgery. *Clinical Neurosurgery, 50*, 387-395.

Eder, H. G., Feichtinger, M., Pieper, T., Kurschel, S., & Schroettner, O. (2006). Gamma knife radiosurgery for callosotomy in children with drug-resistant epilepsy. *Childs Nervous System, 22*(8), 1012-1017.

Ernst-Stecken A, Jeske I, Hess A, Rodel F, Ganslandt O, Grabenbauer G, Sauer R, Brune K, Blumcke I. Hypofractionated Stereotactic Radiotherapy to the Rat Hippocampus : Determination of Dose Response and Tolerance. *Strahlenther Onkol*. 2007 Aug;183(8):440-446, *University of Erlangen-Nuremberg, Erlangen, DE*

Feichtinger, M., Schrottner, O., Eder, H., Holthausen, H., Pieper, T., Unger, F., . . . Ott, E. (2006). Efficacy and safety of radiosurgical callosotomy: A retrospective analysis. *Epilepsia, 47*(7), 1184-1191.

Feliciano, C. E., & Rodriguez-Mercado, R. (2008). Evaluation of pediatric patients with vascular malformations managed with endovascular and radiosurgical techniques using a modified rankin disability scale. *Puerto Rico Health Sciences Journal, 27*(1), 27-33.

Foote, K. D., Friedman, W. A., Ellis, T. L., Bova, F. J., Buatti, J. M., & Meeks, S. L. (2003). Salvage retreatment after failure of radiosurgery in patients with arteriovenous malformations. *Journal of Neurosurgery, 98*(2), 337-341.

Fountas, K. N., Lee, G. P., & Smith, J. R. (2006). Outcome of patients undergoing gamma knife stereotactic radiosurgery for medically refractory idiopathic trigeminal neuralgia: Medical college of georgia's experience. *Stereotactic & Functional Neurosurgery, 84*(2-3), 88-96.

Fountas, K. N., Smith, J. R., Lee, G. P., Jenkins, P. D., Cantrell, R. R., & Sheils, W. C. (2007). Gamma knife stereotactic radiosurgical treatment of idiopathic trigeminal neuralgia: Long-term outcome and complications. *Neurosurgical Focus, 23*(6), E8.

Fraioli, M. F., Moschettoni, L., Fraioli, C., & Strigari, L. (2010). Treatment of idiopathic hemifacial spasm with radiosurgery or hypofractionated stereotactic radiotherapy: Preliminary results. *Minimally Invasive Neurosurgery, 53*(1), 34-36.

Friedman WA, Blatt DL, Bova FJ, Buatti JM, Mendenhall WM, Kubilis PS. The risk of hemorrhage after radiosurgery for arteriovenous malformations. *J Neurosurg*. 1996 Jun;84(6):912-9. *University of Florida, Gainesville.*

Friedman WA, Bova FJ, Bollampally S, Bradshaw P. Analysis of factors predictive of success or complications in arteriovenous malformation radiosurgery. *Neurosurgery*. 2003 Feb;52(2):296-307; discussion 307-8. *University of Florida, Gainesville*

Friedman WA, Bova FJ, Mendenhall WM. Linear accelerator radiosurgery for arteriovenous malformations: the relationship of size to outcome. *J Neurosurg.* 1995 Feb;82(2):180-9. *University of Florida, Gainesville*

Friedman WA, Bova FJ. Linear accelerator radiosurgery for arteriovenous malformations. *J Neurosurg.* 1992 Dec;77(6):832-41. *University of Florida, Gainesville, University of Florida, Gainesville*

Friedman_WA. LINAC radiosurgery for arteriovenous malformations, *Operative Techniques in Neurosurgery*, 6(2) (June), 2003: 83-88, *University of Florida, Gainesville*

Friehs, G.M.P., M. C.; Goldman, M. A.; Zerris, V. A.; Noren, G.; Sampath, P., Stereotactic radiosurgery for functional disorders. Neurosurg Focus, 2007. 23(6): p. E3.

Frighetto L, De Salles A, Wallace R, Ford J, Selch M, Cabatan-Awang C, Solberg T. Linear accelerator thalamotomy. *Surg Neurol*. 2004 Aug;62(2):106-13; discussion 113-4. *UCLA, Los Angeles*

Frighetto L, De Salles AA, Smith ZA, Goss B, Selch M, Solberg T. Noninvasive linear accelerator radiosurgery as the primary treatment for trigeminal neuralgia. *Neurology*. 2004 Feb 24;62(4):660-2. *UCLA, Los Angeles*

Gellner, V., Kurschel, S., Kreil, W., Holl, E. M., Ofner-Kopeinig, P., & Unger, F. (2008). Recurrent trigeminal neuralgia: Long term outcome of repeat gamma knife radiosurgery. *Journal of Neurology, Neurosurgery & Psychiatry, 79*(12), 1405-1407.

Gerek, M., Akcam, T., & Durmaz, A. (2005). [Radiofrequency thermal ablation of the soft palate in patients with snoring and mild sleep apnea]. [Horlama ve hafif derecede obstruktif uyku apneli olgularda yumusak damak radyofrekans doku ablasyonu uygulamasi.] *Kulak Burun Bogaz Ihtisas Dergisi : KBB = Journal of Ear, Nose, and Throat, 14*(3-4), 67-78.

Gerszten, P. C., Germanwala, A., Burton, S. A., Welch, W. C., Ozhasoglu, C., & Vogel, W. J. (2005). Combination kyphoplasty and spinal radiosurgery: A new treatment paradigm for pathological fractures. *Neurosurgical Focus, 18*(3), e8.

Golanov AV, Kornienko VN, Trunin IuIu, Kostiuchenko VV, Gorlachev GE, Gorelyshev SK, Melikian AG, Khukhlaeva EA, Mazerkina NA, Sorokin VA. [Stereotactic radiosurgery in treatment of patients with hypothalamic hamartomas] *Zh Vopr Neirokhir Im N N Burdenko.* 2010 Jan-Mar;(1):24-9.

Gorgulho A, De Salles AA, McArthur D, Agazaryan N, Medin P, Solberg T, Mattozo C, Ford J, Lee S, Selch MT. Brainstem and trigeminal nerve changes after radiosurgery for trigeminal pain. *Surg Neurol*. 2006 Aug;66(2):127-35; discussion 135., *UCLA, Los Angeles*

Gorgulho AA, De Salles AA. Impact of radiosurgery on the surgical treatment of trigeminal neuralgia. *Surg Neurol.* 2006 Oct;66(4):350-6. *UCLA, Los Angeles*

Gorgulho, A., De Salles, A. A., McArthur, D., Agazaryan, N., Medin, P., Solberg, T., . . . Selch, M. T. (2006). Brainstem and trigeminal nerve changes after radiosurgery for trigeminal pain. *Surgical Neurology, 66*(2), 127-135.

Goss BW, Frighetto L, DeSalles AA, Smith Z, Solberg T, Selch M. Linear accelerator radiosurgery using 90 gray for essential trigeminal neuralgia: results and dose volume histogram analysis. *Neurosurgery*. 2003 Oct;53(4):823-8; discussion 828-30. *UCLA, Los Angeles*

Goss, B. W., Frighetto, L., DeSalles, A. A., Smith, Z., Solberg, T., & Selch, M. (2003). Linear accelerator radiosurgery using 90 gray for essential trigeminal neuralgia: Results and dose volume histogram analysis. *Neurosurgery, 53*(4), 823-828.

Grabenbauer, G. G., Ernst-Stecken, A., Ganslandt, O., & Stefan, H. (2005). Gamma knife surgery in mesial temporal lobe epilepsy. *Epilepsia, 46*(3), 457-9.

Grabenbauer, G. G., Reinhold, C., Kerling, F., Muller, R. G., Lambrecht, U., Pauli, E., . . . Stefan, H. (2002). Fractionated stereotactically guided radiotherapy of pharmacoresistant temporal lobe epilepsy. *Acta Neurochirurgica - Supplement, 84*, 65-70.

Gross, B. A., Batjer, H. H., Awad, I. A., & Bendok, B. R. (2009). Cavernous malformations of the basal ganglia and thalamus. *Neurosurgery, 65*(1), 7-18.

Guo, W. Y., Lee, S. M., Chang, Y. C., & Pan, H. C. (2006). The impact of arteriovenous malformation radiosurgery on the brain: From morphology and perfusion to neurocognition. *Stereotactic & Functional Neurosurgery, 84*(4), 162-169.

Guo, W. Y., Pan, H. C., Wu, H. M., Hsieh, W. A., Tsai, M. H., Chow, Y. M., et al. (2004). Individuals' leukocyte DNA double-strand break repair as an indicator of radiosurgery responses for cerebral arteriovenous malformations. *Journal of Radiation Research, 45*(2), 269-274.

Gupta, P. J. (2003). Radiosurgical fistulotomy; an alternative to conventional procedure in fistula in ano. *Current Surgery, 60*(5), 524-528.

Gupta, P. J. (2005). Radio surgery in pilonidal sinus: A new approach for the old problem. *Acta Chirurgica Belgica, 105*(2), 183-186.

Gupta, P. J. (2005). Radiofrequency sinus excision: A better alternative to marsupialization technique in sacro-coccygeal pilonidal sinus disease. *Journal of Medical Sciences, 25*(3), 119-123.

Gutt, B., Wowra, B., Alexandrov, R., Uhl, E., Schaaf, L., Stalla, G. K., & Schopohl, J. (2005). Gamma-knife surgery is effective in normalising plasma insulin-like growth factor I in patients with acromegaly. *Experimental & Clinical Endocrinology & Diabetes, 113*(4), 219-224.

Hajek, M., Dezortova, M., Liscak, R., Vymazal, J., & Vladyka, V. (2003). 1H MR spectroscopy of mesial temporal lobe epilepsies treated with gamma knife. *European Radiology, 13*(5), 994-1000.

Hamm KD, Klisch J, Surber G, Kleinert G, Eger C, Aschenbach R. Special aspects of diagnostic imaging for radiosurgery of arteriovenous malformations. *Neurosurgery*. 2008 May;62(5 Suppl):A44-52 *Helios Klinikum Erfurt, Erfurt, Germany*

Han, I., Shin, D., Chang, J., Kim, K., Chang, J., Huh, R., & Chung, S. (2010). Effect of various surgical modalities in recurrent or persistent trigeminal neuralgia. *Stereotactic & Functional Neurosurgery, 88*(3), 156-162.

Han, J. H., Kim, D. G., Chung, H. T., Paek, S. H., Kim, Y. H., Kim, C. Y., . . . Jeong, S. S. (2009). Long-term outcome of gamma knife radiosurgery for treatment of typical trigeminal neuralgia. *International Journal of Radiation Oncology, Biology, Physics, 75*(3), 822-827.

Han, J. H., Kim, D. G., Chung, H. T., Park, C. K., Paek, S. H., Kim, J. E., . . . Han, D. H. (2008). Clinical and neuroimaging outcome of cerebral arteriovenous malformations after gamma knife surgery: Analysis of the radiation injury rate depending on the arteriovenous malformation volume. *Journal of Neurosurgery, 109*(2), 191-198.

Hasegawa, T., McInerney, J., Kondziolka, D., Lee, J. Y., Flickinger, J. C., & Lunsford, L. D. (2002). Long-term results after stereotactic radiosurgery for patients with cavernous malformations. *Neurosurgery, 50*(6), 1190-1197.

Hayashi, M. (2009). Trigeminal neuralgia. *Progress in Neurological Surgery, 22*, 182-190.

Hayashi, M., Chernov, M. F., Taira, T., Ochiai, T., Nakaya, K., Tamura, N., . . . Takakura, K. (2007). Outcome after pituitary radiosurgery for thalamic pain syndrome. *International Journal of Radiation Oncology, Biology, Physics, 69*(3), 852-857.

Hayashi, M., Chernov, M., Tamura, N., Taira, T., Izawa, M., Yomo, S., . . . Takakura, K. (2011). Stereotactic radiosurgery of essential trigeminal neuralgia using leksell gamma knife model C with automatic positioning system: Technical nuances and evaluation of outcome in 130 patients with at least 2 years follow-up after treatment. *Neurosurgical Review, 34*(4), 497-508.

Hayhurst, C., Monsalves, E., van Prooijen, M., Cusimano, M., Tsao, M., Menard, C., . . . Zadeh, G. (2012). Pretreatment predictors of adverse radiation effects after radiosurgery for arteriovenous malformation. *International Journal of Radiation Oncology, Biology, Physics, 82*(2), 803-808.

Henderson, M. A., Valluri, S., Lo, S. S., Witt, T. C., Worth, R. M., Danis, R. P., & Timmerman, R. D. (2007). Gamma knife radiosurgery in the treatment of choroidal neovascularization (wet-type macular degeneration). *Stereotactic & Functional Neurosurgery, 85*(1), 11-17.

Henson, C. F., Goldman, H. W., Rosenwasser, R. H., Downes, M. B., Bednarz, G., Pequignot, E. C., . . . Andrews, D. W. (2005). Glycerol rhizotomy versus gamma knife radiosurgery for the treatment of trigeminal neuralgia: An analysis of patients treated at one institution. *International Journal of Radiation Oncology, Biology, Physics, 63*(1), 82-90.

Herbert, C., Moiseenko, V., McKenzie, M., Redekop, G., Hsu, F., Gete, E., . . . Martin, M. (2011). Factors predictive of obliteration after arteriovenous malformation radiosurgery. *Canadian Journal of Neurological Sciences, 38*(6), 845-850.

Herfarth, K. K., Munter, M. W., Groene, H. J., Delorme, S., Peschke, P., & Debus, J. (2006). Absence of tissue reaction after focal high-dose irradiation of rabbit liver. *Acta Oncologica, 45*(7), 865-869.

Herman, J. M., Petit, J. H., Amin, P., Kwok, Y., Dutta, P. R., & Chin, L. S. (2004). Repeat gamma knife radiosurgery for refractory or recurrent trigeminal neuralgia: Treatment outcomes and quality-of-life assessment. *International Journal of Radiation Oncology, Biology, Physics, 59*(1), 112-116.

Herrmann, B. L., Severing, M., Schmermund, A., Berg, C., Budde, T., Erbel, R., & Mann, K. (2009). Impact of disease duration on coronary calcification in patients with acromegaly. *Experimental & Clinical Endocrinology & Diabetes, 117*(8), 417-422.

Homma, J., Kameyama, S., Masuda, H., Ueno, T., Fujimoto, A., Oishi, M., & Fukuda, M. (2007). Stereotactic radiofrequency thermocoagulation for hypothalamic hamartoma with intractable gelastic seizures. *Epilepsy Research, 76*(1), 15-21.

Hoybye, C., Grenback, E., Thoren, M., Hulting, A. L., Lundblad, L., von Holst, H., & Anggard, A. (2004). Transsphenoidal surgery in cushing disease: 10 years of experience in 34 consecutive cases. *Journal of Neurosurgery, 100*(4), 634-638.

Hsu PW, Chang CN, Tseng CK, Wei KC, Wang CC, Chuang CC, Huang YC. Treatment of epileptogenic cavernomas: surgery versus radiosurgery. *Cerebrovasc Dis.* 2007;24(1):116-20, *Chang Gung Memorial Hospital, Tao Yuan, Taiwan, ROC*

Hsu, P. W., Chang, C. N., Tseng, C. K., Wei, K. C., Wang, C. C., Chuang, C. C., & Huang, Y. C. (2007). Treatment of epileptogenic cavernomas: Surgery versus radiosurgery. *Cerebrovascular Diseases, 24*(1), 116-120.

Huang YC, Tseng CK, Chang CN, Wei KC, Liao CC, Hsu PW. LINAC radiosurgery for intracranial cavernous malformation: 10-year experience*. Clin Neurol Neurosurg.* 2006 Dec;108(8):750-6 *Chang Gung Memorial Hospital, Tao Yuan, Taiwan, ROC*

Huang, C. F., Chuang, J. C., Tu, H. T., & Chou, M. C. (2006). Microsurgical outcomes after failed repeated gamma knife surgery for refractory trigeminal neuralgia. *Journal of Neurosurgery, 105*(Suppl), 117-119.

Huang, C. F., Chuang, J. C., Tu, H. T., & Lin, L. Y. (2006). Repeated gamma knife surgery for refractory trigeminal neuralgia. *Journal of Neurosurgery, 105*(Suppl), 99-102.

Huang, C. F., Tu, H. T., Liu, W. S., Chiou, S. Y., & Lin, L. Y. (2008). Gamma knife surgery used as primary and repeated treatment for idiopathic trigeminal neuralgia. *Journal of Neurosurgery, 109*(Suppl), 179-184.

Huang, E., Teh, B. S., Zeck, O., Woo, S. Y., Lu, H. H., Chiu, J. K., . . . Carpenter, L. S. (2002). Gamma knife radiosurgery for treatment of trigeminal neuralgia in multiple sclerosis patients. *Stereotactic & Functional Neurosurgery, 79*(1), 44-50.

Huang, Y. C., Tseng, C. K., Chang, C. N., Wei, K. C., Liao, C. C., & Hsu, P. W. (2006). LINAC radiosurgery for intracranial cavernous malformation: 10-year experience. *Clinical Neurology & Neurosurgery, 108*(8), 750-756.

Imran, S. A., Fleetwood, I. G., O'Connell, C. M., Ransom, T. P., Mulroy, L. A., Ur, E., & Clarke, D. B. (2009). Outcome of stereotactic radiotherapy for patients with uncontrolled acromegaly. *Canadian Journal of Neurological Sciences, 36*(4), 468-474.

Inoue, H. K. (2006). Long-term results of gamma knife surgery for arteriovenous malformations: 10- to 15-year follow up in patients treated with lower doses. *Journal of Neurosurgery, 105*(Suppl), 64-68.

International RadioSurgery Association Radiosurgery Practice Guideline Initiative. (2009). *Stereotactic Radiosurgery for Patients with Intractable Typical Trigeminal Neuralgia Who Have Failed Medical Management. Radiosurgery Practice Guideline Report #1-03.* Harrisburg, PA: IRSA. Retrieved March 30, 2012, from http://www.irsa.org/TN%20Guideline-UpdatedJan2009.pdf

International RadioSurgery Association Radiosurgery Practice Guideline Initiative. (2009). *Stereotactic radiosurgery for patients with intracranial arteriovenous malformations (AVM). Radiosurgery Practice Guideline Report #2-03.* Harrisburg, PA: IRSA. Retrieved March 30, 2012, from http://www.irsa.org/AVM%20Guideline.pdf

Izawa, M., Hayashi, M., Chernov, M., Nakaya, K., Ochiai, T., Murata, N., . . . Takakura, K. (2005). Long-term complications after gamma knife surgery for arteriovenous malformations. *Journal of Neurosurgery, 102*(Suppl), 34-37.

Jagannathan, J., Sheehan, J. P., Pouratian, N., Laws, E. R., Steiner, L., & Vance, M. L. (2007). Gamma knife surgery for cushing's disease. *Journal of Neurosurgery, 106*(6), 980-987.

Jagannathan, J., Sheehan, J. P., Pouratian, N., Laws, E. R.,Jr, Steiner, L., & Vance, M. L. (2008). Gamma knife radiosurgery for acromegaly: Outcomes after failed transsphenoidal surgery. *Neurosurgery, 62*(6), 1262-1269.

Jahan R, Solberg TD, Lee D, Medin P, Tateshima S, De Salles A, Sayre J, Vinters HV, Vinuela F. An arteriovenous malformation model for stereotactic radiosurgery research. *Neurosurgery*. 2007 Jul;61(1):152-9; *UCLA, Los Angeles*

Jahan R, Solberg TD, Lee D, Medin P, Tateshima S, Sayre J, De Salles A, Vinters HV, Vinuela F. Stereotactic radiosurgery of the rete mirabile in swine: a longitudinal study of histopathological changes. *Neurosurgery*. 2006 Mar;58(3):551-8; discussion 551-8. *UCLA, Los Angeles*

Jahan, R., Solberg, T. D., Lee, D., Medin, P., Tateshima, S., Sayre, J., . . . Vinuela, F. (2006). Stereotactic radiosurgery of the rete mirabile in swine: A longitudinal study of histopathological changes. *Neurosurgery, 58*(3), 551-558.

Jahangier, Z. N., Jacobs, J. W., Lafeber, F. P., Moolenburgh, J. D., Swen, W. A., Bruyn, G. A., . . . Bijlsma, J. W. (2005). Is radiation synovectomy for arthritis of the knee more effective than intraarticular treatment with glucocorticoids? results of an eighteen-month, randomized, double-blind, placebo-controlled, crossover trial. *Arthritis & Rheumatism, 52*(11), 3391-3402.

Jalali, R., Dutta, D., Srinivas, C., Munshi, A., Limaye, U., Goel, A., . . . Sarin, R. (2009). Micromultileaf collimator-based stereotactic radiosurgery for selected arteriovenous malformations: Technique and preliminary experience. *Journal of Cancer Research & Therapeutics, 5*(3), 186-191.

Javalkar, V., Pillai, P., Vannemreddy, P., Caldito, G., Ampil, F., & Nanda, A. (2009). Gamma knife radiosurgery for arteriovenous malformations located in eloquent regions of the brain. *Neurology India, 57*(5), 617-621.

Jawahar, A., Wadhwa, R., Berk, C., Caldito, G., DeLaune, A., Ampil, F., . . . Nanda, A. (2005). Assessment of pain control, quality of life, and predictors of success after gamma knife surgery for the treatment of trigeminal neuralgia. *Neurosurgical Focus, 18*(5), E8.

Jehle, S., Walsh, J. E., Freda, P. U., & Post, K. D. (2008). Selective use of bilateral inferior petrosal sinus sampling in patients with adrenocorticotropin-dependent cushing's syndrome prior to transsphenoidal surgery. *Journal of Clinical Endocrinology & Metabolism, 93*(12), 4624-4632.

Jezkova, J., Marek, J., Hana, V., Krsek, M., Weiss, V., Vladyka, V., . . . Pecen, L. (2006). Gamma knife radiosurgery for acromegaly--long-term experience. *Clinical Endocrinology, 64*(5), 588-595.

Joaquim, A. F., & de Oliveira, E. (2009). Management of supratentorial arteriovenous malformations. *Clinical Neurosurgery, 56*, 40-44.

Jokura, H., Kawagishi, J., Sugai, K., Akabane, A., Boku, N., & Takahashi, K. (2009). Gamma knife radiosurgery for arteriovenous malformations: The furukawa experience. *Progress in Neurological Surgery, 22*, 20-30.

Kameyama, S., Murakami, H., Masuda, H., & Sugiyama, I. (2009). Minimally invasive magnetic resonance imaging-guided stereotactic radiofrequency thermocoagulation for epileptogenic hypothalamic hamartomas. *Neurosurgery, 65*(3), 438-449.

Kanner, A. A., Neyman, G., Suh, J. H., Weinhous, M. S., Lee, S. Y., & Barnett, G. H. (2004). Gamma knife radiosurgery for trigeminal neuralgia: Comparing the use of a 4-mm versus concentric 4- and 8-mm collimators. *Stereotactic & Functional Neurosurgery, 82*(1), 49-57.

Kano, H., Awan, N. R., Flannery, T. J., Iyer, A., Flickinger, J. C., Lunsford, L. D., & Kondziolka, D. (2011). Stereotactic radiosurgery for patients with trigeminal neuralgia associated with petroclival meningiomas. *Stereotactic & Functional Neurosurgery, 89*(1), 17-24.

Kano, H., Kondziolka, D., Flickinger, J. C., Park, K. J., Parry, P. V., Yang, H. C., . . . Lunsford, L. D. (2012). Stereotactic radiosurgery for arteriovenous malformations, part 6: Multistaged volumetric management of large arteriovenous malformations. *Journal of Neurosurgery, 116*(1), 54-65.

Kano, H., Kondziolka, D., Flickinger, J. C., Yang, H. C., Flannery, T. J., Awan, N. R., . . . Lunsford, L. D. (2012). Stereotactic radiosurgery for arteriovenous malformations, part 3: Outcome predictors and risks after repeat radiosurgery. *Journal of Neurosurgery, 116*(1), 21-32.

Kano, H., Kondziolka, D., Flickinger, J. C., Yang, H. C., Flannery, T. J., Awan, N. R., . . . Lunsford, L. D. (2012). Stereotactic radiosurgery for arteriovenous malformations, part 2: Management of pediatric patients. *Journal of Neurosurgery.Pediatrics, 9*(1), 1-10.

Kano, H., Kondziolka, D., Flickinger, J. C., Yang, H. C., Flannery, T. J., Niranjan, A., . . . Lunsford, L. D. (2012). Stereotactic radiosurgery for arteriovenous malformations, part 4: Management of basal ganglia and thalamus arteriovenous malformations. *Journal of Neurosurgery, 116*(1), 33-43.

Kano, H., Kondziolka, D., Flickinger, J. C., Yang, H. C., Flannery, T. J., Niranjan, A., . . . Lunsford, L. D. (2012). Stereotactic radiosurgery for arteriovenous malformations, part 5: Management of brainstem arteriovenous malformations. *Journal of Neurosurgery, 116*(1), 44-53.

Kano, H., Kondziolka, D., Yang, H. C., Zorro, O., Lobato-Polo, J., Flannery, T. J., . . . Lunsford, L. D. (2010). Outcome predictors after gamma knife radiosurgery for recurrent trigeminal neuralgia. *Neurosurgery, 67*(6), 1637-1644.

Kano, H., Lunsford, L. D., Flickinger, J. C., Yang, H. C., Flannery, T. J., Awan, N. R., . . . Kondziolka, D. (2012). Stereotactic radiosurgery for arteriovenous malformations, part 1: Management of spetzler-martin grade I and II arteriovenous malformations. *Journal of Neurosurgery, 116*(1), 11-20.

Kao, M. C. (2002). Gamma knife surgery for trigeminal neuralgia. *Journal of Neurosurgery, 96*(1), 160-161.

Karlsson, B., Jokura, H., Yamamoto, M., Soderman, M., & Lax, I. (2007). Is repeated radiosurgery an alternative to staged radiosurgery for very large brain arteriovenous malformations?. *Journal of Neurosurgery, 107*(4), 740-744.

Karlsson, B., Lindqvist, M., Blomgren, H., Wan-Yeo, G., Soderman, M., Lax, I., . . . Bailes, J. (2005). Long-term results after fractionated radiation therapy for large brain arteriovenous malformations. *Neurosurgery, 57*(1), 42-49.

Kattner, K. A., Roth, T. C., Nardone, E. M., & Giannotta, S. L. (2004). The treatment of complex dural arteriovenous fistulae through cranial base techniques. *Neurology India, 52*(3), 325-331.

Kayali, H., Sait, S., Serdar, K., Kaan, O., Ilker, S., & Erdener, T. (2004). Intracranial cavernomas: Analysis of 37 cases and literature review. *Neurology India, 52*(4), 439-442.

Kelly, M. E., Guzman, R., Sinclair, J., Bell-Stephens, T. E., Bower, R., Hamilton, S., . . . Steinberg, G. K. (2008). Multimodality treatment of posterior fossa arteriovenous malformations. *Journal of Neurosurgery, 108*(6), 1152-1161.

Kemeny, A. A., Radatz, M. W., Rowe, J. G., Walton, L., & Hampshire, A. (2004). Gamma knife radiosurgery for cerebral arteriovenous malformations. *Acta Neurochirurgica - Supplement, 91*, 55-63.

Kemeny, A. A., Radatz, M. W., Rowe, J. G., Walton, L., & Vaughan, P. (2007). Gamma knife treatment for cerebral arteriovenous malformations. *Progress in Neurological Surgery, 20*, 206-211.

Kida, Y. (2009). Radiosurgery for cavernous malformations in basal ganglia, thalamus and brainstem. *Progress in Neurological Surgery, 22*, 31-37.

Kim, D. G., Choe, W. J., Paek, S. H., Chung, H. T., Kim, I. H., & Han, D. H. (2002). Radiosurgery of intracranial cavernous malformations. *Acta Neurochirurgica, 144*(9), 869-878.

Kim, M. C., & Lee, T. K. (2008). Stereotactic lesioning for mental illness. *Acta Neurochirurgica - Supplement, 101*, 39-43.

Kimball, B. Y., Sorenson, J. M., & Cunningham, D. (2010). Repeat gamma knife surgery for trigeminal neuralgia: Long-term results. *Journal of Neurosurgery, 113*(Suppl), 178-183.

Kiran, N. A., Kale, S. S., Kasliwal, M. K., Vaishya, S., Gupta, A., Singh Sharma, M., . . . Kumar Mahapatra, A. (2009). Gamma knife radiosurgery for arteriovenous malformations of basal ganglia, thalamus and brainstem--a retrospective study comparing the results with that for AVMs at other intracranial locations. *Acta Neurochirurgica, 151*(12), 1575-1582.

Kiran, N. A., Kale, S. S., Vaishya, S., Kasliwal, M. K., Gupta, A., Sharma, M. S., . . . Mahapatra, A. K. (2007). Gamma knife surgery for intracranial arteriovenous malformations in children: A retrospective study in 103 patients. *Journal of Neurosurgery, 107*(6 Suppl), 479-484.

Knafo, H., Kenny, B., & Mathieu, D. (2009). Trigeminal neuralgia: Outcomes after gamma knife radiosurgery. *Canadian Journal of Neurological Sciences, 36*(1), 78-82.

Kobayashi, T., Kida, Y., & Mori, Y. (2002). Gamma knife radiosurgery in the treatment of cushing disease: Long-term results. *Journal of Neurosurgery, 97*(5 Suppl), 422-428.

Koebbe, C. J., Singhal, D., Sheehan, J., Flickinger, J. C., Horowitz, M., Kondziolka, D., & Lunsford, L. D. (2005). Radiosurgery for dural arteriovenous fistulas. *Surgical Neurology, 64*(5), 392-398.

Koga T, Shin M, Maruyama K, Kurita H, Kawamoto S, Saito N. Contribution of technological progress, inter-operator difference and experience of operators in Gamma Knife radiosurgery for arteriovenous malformation. Acta Neurochir (Wien). 2011 Apr;153(4):879-82.

Koga, T., Shin, M., Maruyama, K., Terahara, A., & Saito, N. (2010). Long-term outcomes of stereotactic radiosurgery for arteriovenous malformations in the thalamus. *Neurosurgery, 67*(2), 398-403.

Koga, T.S., M.; Saito, N., Role of gamma knife radiosurgery in neurosurgery: past and future perspectives. Neurologia Medico-Chirurgica, 2010. 50(9): p. 737-48.

Kondziolka, D., Lunsford, L.D., McLaghlin, M.R., & Flickinger, J.C. (1998). Long-term outcomes after radiosurgery for acoustic neuromas. *New England Journal of Medicine, 339*(20), 1426-1433.

Kondziolka, D., Kano, H., Yang, H. C., Flickinger, J. C., & Lunsford, L. (2010). Radiosurgical management of pediatric arteriovenous malformations. *Childs Nervous System, 26*(10), 1359-1366.

Kondziolka, D., Ong, J. G., Lee, J. Y., Moore, R. Y., Flickinger, J. C., & Lunsford, L. D. (2008). Gamma knife thalamotomy for essential tremor. *Journal of Neurosurgery, 108*(1), 111-117.

Kondziolka, D., Zorro, O., Lobato-Polo, J., Kano, H., Flannery, T. J., Flickinger, J. C., & Lunsford, L. D. (2010). Gamma knife stereotactic radiosurgery for idiopathic trigeminal neuralgia. *Journal of Neurosurgery, 112*(4), 758-765.

Kubicek, G. J., Hall, W. A., Orner, J. B., Gerbi, B. J., & Dusenbery, K. E. (2004). Long-term follow-up of trigeminal neuralgia treatment using a linear accelerator. *Stereotactic & Functional Neurosurgery, 82*(5-6), 244-249.

Landolt, A. M., Lomax, N., Scheib, S. G., & Girard, J. (2006). Gamma knife surgery after fractionated radiotherapy for acromegaly. *Journal of Neurosurgery, 105*(Suppl), 31-36.

Laxer, K. D., Quigg, M., & and Barbaro, N. M. (2006). Two year outcomes of a multicenter, prospective pilot study of gamma knife radiosurgery for mesial temporal lobe epilepsy: Remission of spikes postoperatively on EEG. *Epilepsia, 47 Suppl 4*, 50.

Lee, J. W., Kim, D. S., Shim, K. W., Chang, J. H., Huh, S. K., Park, Y. G., & Choi, J. U. (2008). Management of intracranial cavernous malformation in pediatric patients. *Childs Nervous System, 24*(3), 321-327.

Levegrun, S., Hof, H., Essig, M., Schlegel, W., & Debus, J. (2004). Radiation-induced changes of brain tissue after radiosurgery in patients with arteriovenous malformations: Dose/volume-response relations. *Strahlentherapie Und Onkologie, 180*(12), 758-767.

Li, G., Patil, C., Adler, J. R., Lad, S. P., Soltys, S. G., Gibbs, I. C., . . . Boakye, M. (2007). CyberKnife rhizotomy for facetogenic back pain: A pilot study. *Neurosurgical Focus, 23*(6), E2.

Li, K., & Ma, L. (2004). Selective source blocking for gamma knife radiosurgery of trigeminal neuralgia based on analytical dose modelling. *Physics in Medicine & Biology, 49*(15), 3455-3463.

Liang, S., Liu, T., Li, A., Zhao, M., Yu, X., & Qh, O. (2010). Long-term follow up of very low-dose LINAC based stereotactic radiotherapy in temporal lobe epilepsy. *Epilepsy Research, 90*(1-2), 60-67.

Liepe, K., Zaknun, J. J., Padhy, A., Barrenechea, E., Soroa, V., Shrikant, S., . . . Dondi, M. (2011). Radiosynovectomy using yttrium-90, phosphorus-32 or rhenium-188 radiocolloids versus corticoid instillation for rheumatoid arthritis of the knee. *Annals of Nuclear Medicine, 25*(5), 317-323.

Lim, M., Cotrutz, C., Romanelli, P., Schaal, D., Gibbs, I., Chang, S. D., & Adler, J. R. (2006). Stereotactic radiosurgery using CT cisternography and non-isocentric planning for the treatment of trigeminal neuralgia. *Computer Aided Surgery, 11*(1), 11-20.

Lim, M., Villavicencio, A. T., Burneikiene, S., Chang, S. D., Romanelli, P., McNeely, L., . . . Adler, J. R. (2005). CyberKnife radiosurgery for idiopathic trigeminal neuralgia. *Neurosurgical Focus, 18*(5), E9.

Lim, S. Y., Hodaie, M., Fallis, M., Poon, Y. Y., Mazzella, F., & Moro, E. (2010). Gamma knife thalamotomy for disabling tremor: A blinded evaluation. *Archives of Neurology, 67*(5), 584-588.

Lim, Y. J., Lee, C. Y., Koh, J. S., Kim, T. S., Kim, G. K., & Rhee, B. A. (2006). Seizure control of gamma knife radiosurgery for non-hemorrhagic arteriovenous malformations. *Acta Neurochirurgica - Supplement, 99*, 97-101.

Lin, H. C., Friedman, M., Chang, H. W., Su, M. C., & Wilson, M. (2010). Z-palatopharyngoplasty plus radiofrequency tongue base reduction for moderate/severe obstructive sleep apnea/hypopnea syndrome. *Acta Oto-Laryngologica, 130*(9), 1070-1076.

Lindvall, P., Bergstrom, P., Lofroth, P. O., Hariz, M. I., Henriksson, R., Jonasson, P., & Bergenheim, A. T. (2003). Hypofractionated conformal stereotactic radiotherapy for arteriovenous malformations. *Neurosurgery, 53*(5), 1036-1042.

Linskey, M. E., Ratanatharathorn, V., & Penagaricano, J. (2008). A prospective cohort study of microvascular decompression and gamma knife surgery in patients with trigeminal neuralgia. *Journal of Neurosurgery, 109*(Suppl), 160-172.

Liscak, R., & Vladyka, V. (2007). Radiosurgery in ocular disorders: Clinical applications. *Progress in Neurological Surgery, 20*, 324-339.

Liscak, R., Malikova, H., Kalina, M., Vojtech, Z., Prochazka, T., Marusic, P., & Vladyka, V. (2010). Stereotactic radiofrequency amygdalohippocampectomy in the treatment of mesial temporal lobe epilepsy. *Acta Neurochirurgica, 152*(8), 1291-1298.

Liscak, R., Vladyka, V., Simonova, G., Urgosik, D., Novotny, J.,Jr, Janouskova, L., & Vymazal, J. (2007). Arteriovenous malformations after leksell gamma knife radiosurgery: Rate of obliteration and complications. *Neurosurgery, 60*(6), 1005-1014.

Little, A. S., Shetter, A. G., Shetter, M. E., Bay, C., & Rogers, C. L. (2008). Long-term pain response and quality of life in patients with typical trigeminal neuralgia treated with gamma knife stereotactic radiosurgery. *Neurosurgery, 63*(5), 915-923.

Liu, K. D., Chung, W. Y., Wu, H. M., Shiau, C. Y., Wang, L. W., Guo, W. Y., & Pan, D. H. (2005). Gamma knife surgery for cavernous hemangiomas: An analysis of 125 patients. *Journal of Neurosurgery, 102*(Suppl), 81-86.

Loeffler JS, Rossitch E Jr, Siddon R, Moore MR, Rockoff MA, Alexander E 3rd. Role of stereotactic radiosurgery with a linear accelerator in treatment of intracranial arteriovenous malformations and tumors in children. *Pediatrics*. 1990 May;85(5):774-82. *Children's Hospital, Boston*

Loescher, A. R., Radatz, M., Kemeny, A., & Rowe, J. (2012). Stereotactic radiosurgery for trigeminal neuralgia: Outcomes and complications. *British Journal of Neurosurgery, 26*(1), 45-52.

Loher, T. J., Pohle, T., & Krauss, J. K. (2004). Functional stereotactic surgery for treatment of cervical dystonia: Review of the experience from the lesional era. *Stereotactic & Functional Neurosurgery, 82*(1), 1-13.

Longhi, M., Rizzo, P., Nicolato, A., Foroni, R., Reggio, M., & Gerosa, M. (2007). Gamma knife radiosurgery for trigeminal neuralgia: Results and potentially predictive parameters--part I: Idiopathic trigeminal neuralgia. *Neurosurgery, 61*(6), 1254-1260.

Loo, C., Katalinic, N., Mitchell, P. B., & Greenberg, B. (2011). Physical treatments for bipolar disorder: A review of electroconvulsive therapy, stereotactic surgery and other brain stimulation techniques. *Journal of Affective Disorders, 132*(1-2), 1-13.

Lopes, A. C., Greenberg, B. D., Noren, G., Canteras, M. M., Busatto, G. F., de Mathis, M. E., . . . Miguel, E. C. (2009). Treatment of resistant obsessive-compulsive disorder with ventral capsular/ventral striatal gamma capsulotomy: A pilot prospective study. *Journal of Neuropsychiatry & Clinical Neurosciences, 21*(4), 381-392.

Lopez, B. C., Hamlyn, P. J., & Zakrzewska, J. M. (2004). Stereotactic radiosurgery for primary trigeminal neuralgia: State of the evidence and recommendations for future reports. *Journal of Neurology, Neurosurgery & Psychiatry, 75*(7), 1019-1024.

Lorenzoni, J., David, P., & Levivier, M. (2011). MR-based follow-up of the superior cerebellar artery after radiosurgery for trigeminal neuralgia. *Clinical Neurology & Neurosurgery, 113*(9), 758-761.

Losa, M., Gioia, L., Picozzi, P., Franzin, A., Valle, M., Giovanelli, M., & Mortini, P. (2008). The role of stereotactic radiotherapy in patients with growth hormone-secreting pituitary adenoma. *Journal of Clinical Endocrinology & Metabolism, 93*(7), 2546-2552.

Lowell, D., Tatter, S. B., Bourland, J. D., deGuzman, A. F., Ekstrand, K. E., Ellis, T. L., . . . Chan, M. D. (2011). Toxicity of gamma knife radiosurgery in the treatment of intracranial tumors in patients with collagen vascular diseases or multiple sclerosis. *International Journal of Radiation Oncology, Biology, Physics, 81*(4), e519-24.

Lunsford, L. D., Khan, A. A., Niranjan, A., Kano, H., Flickinger, J. C., & Kondziolka, D. (2010). Stereotactic radiosurgery for symptomatic solitary cerebral cavernous malformations considered high risk for resection. *Journal of Neurosurgery, 113*(1), 23-29.

Lunsford, L. D., Niranjan, A., Kondziolka, D., Sirin, S., & Flickinger, J. C. (2008). Arteriovenous malformation radiosurgery: A twenty year perspective. *Clinical Neurosurgery, 55*, 108-119.

Ma, L., Kwok, Y., Chin, L. S., Yu, C., & Regine, W. F. (2005). Comparative analyses of linac and gamma knife radiosurgery for trigeminal neuralgia treatments. *Physics in Medicine & Biology, 50*(22), 5217-5227.

Maesawa S, Salame C, Flickinger JC, Pirris S, Kondziolka D, Lunsford LD. Clinical outcomes after stereotactic radiosurgery for idiopathic trigeminal neuralgia. J Neurosurg. 2001; 94(1):14.

Malikova, H., Liscak, R., Vojtech, Z., Prochazka, T., Vymazal, J., Vladyka, V., & Druga, R. (2011). Stereotactic radiofrequency amygdalohippocampectomy: Does reduction of entorhinal and perirhinal cortices influence good clinical seizure outcome?. *Epilepsia, 52*(5), 932-940.

Malikova, H., Vojtech, Z., Liscak, R., Prochazka, T., Vymazal, J., Mareckova, I., . . . Vladyka, V. (2010). Microsurgical and stereotactic radiofrequency amygdalohippocampectomy for the treatment of mesial temporal lobe epilepsy: Different volume reduction, similar clinical seizure control. *Stereotactic & Functional Neurosurgery, 88*(1), 42-50.

Maruyama, K., Kawahara, N., Shin, M., Tago, M., Kishimoto, J., Kurita, H., . . . Kirino, T. (2005). The risk of hemorrhage after radiosurgery for cerebral arteriovenous malformations. *New England Journal of Medicine, 352*(2), 146-153.

Maruyama, K., Kondziolka, D., Niranjan, A., Flickinger, J. C., & Lunsford, L. D. (2004). Stereotactic radiosurgery for brainstem arteriovenous malformations: Factors affecting outcome. *Journal of Neurosurgery, 100*(3), 407-413.

Maruyama, K., Shin, M., Tago, M., Kurita, H., Kawamoto, S., Morita, A., & Kirino, T. (2005). Gamma knife surgery for arteriovenous malformations involving the corpus callosum. *Journal of Neurosurgery, 102*(Suppl), 49-52.

Massager, N., Murata, N., Tamura, M., Devriendt, D., Levivier, M., & Regis, J. (2007). Influence of nerve radiation dose in the incidence of trigeminal dysfunction after trigeminal neuralgia radiosurgery. *Neurosurgery, 60*(4), 681-687.

Massager, N., Murata, N., Tamura, M., Devriendt, D., Levivier, M., & Regis, J. (2007). Influence of nerve radiation dose in the incidence of trigeminal dysfunction after trigeminal neuralgia radiosurgery. *Neurosurgery, 60*(4), 681-687.

Massager, N., Nissim, O., Murata, N., Devriendt, D., Desmedt, F., Vanderlinden, B., . . . Levivier, M. (2006). Effect of beam channel plugging on the outcome of gamma knife radiosurgery for trigeminal neuralgia. *International Journal of Radiation Oncology, Biology, Physics, 65*(4), 1200-1205.

Mathiesen, T., Edner, G., & Kihlstrom, L. (2003). Deep and brainstem cavernomas: A consecutive 8-year series. *Journal of Neurosurgery, 99*(1), 31-37.

Mathieu, D., Deacon, C., Pinard, C. A., Kenny, B., & Duval, J. (2010). Gamma knife surgery for hypothalamic hamartomas causing refractory epilepsy: Preliminary results from a prospective observational study. *Journal of Neurosurgery, 113*(Suppl), 215-221.

Mathieu, D., Kondziolka, D., Niranjan, A., Flickinger, J., & Lunsford, L. D. (2006). Gamma knife radiosurgery for refractory epilepsy caused by hypothalamic hamartomas. *Stereotactic & Functional Neurosurgery, 84*(2-3), 82-87.

Mathieu, D., Kondziolka, D., Niranjan, A., Flickinger, J., & Lunsford, L. D. (2007). Gamma knife thalamotomy for multiple sclerosis tremor. *Surgical Neurology, 68*(4), 394-399.

Matsuda, S., Nagano, O., Serizawa, T., Higuchi, Y., & Ono, J. (2010). Trigeminal nerve dysfunction after gamma knife surgery for trigeminal neuralgia: A detailed analysis. *Journal of Neurosurgery, 113*(Suppl), 184-190.

Matsuda, S., Serizawa, T., Nagano, O., & Ono, J. (2008). Comparison of the results of 2 targeting methods in gamma knife surgery for trigeminal neuralgia. *Journal of Neurosurgery, 109*(Suppl), 185-189.

Matsuda, S., Serizawa, T., Sato, M., & Ono, J. (2002). Gamma knife radiosurgery for trigeminal neuralgia: The dry-eye complication. *Journal of Neurosurgery, 97*(5 Suppl), 525-528.

Mavroidis, P., Theodorou, K., Lefkopoulos, D., Nataf, F., Schlienger, M., Karlsson, B., . . . Brahme, A. (2002). Prediction of AVM obliteration after stereotactic radiotherapy using radiobiological modelling. *Physics in Medicine & Biology, 47*(14), 2471-2494.

McDonald, C. R., Norman, M. A., Tecoma, E., Alksne, J., & Iragui, V. (2004). Neuropsychological change following gamma knife surgery in patients with left temporal lobe epilepsy: A review of three cases. *Epilepsy & Behavior, 5*(6), 949-957.

McNatt, S. A., Yu, C., Giannotta, S. L., Zee, C. S., Apuzzo, M. L., & Petrovich, Z. (2005). Gamma knife radiosurgery for trigeminal neuralgia. *Neurosurgery, 56*(6), 1295-1301.

Medin, P. M., & Boike, T. P. (2011). Spinal cord tolerance in the age of spinal radiosurgery: Lessons from preclinical studies. *International Journal of Radiation Oncology, Biology, Physics, 79*(5), 1302-1309.

Milano, M. T., Katz, A. W., Schell, M. C., Philip, A., & Okunieff, P. (2008). Descriptive analysis of oligometastatic lesions treated with curative-intent stereotactic body radiotherapy. *International Journal of Radiation Oncology, Biology, Physics, 72*(5), 1516-1522.

Minniti, G., & Brada, M. (2007). Radiotherapy and radiosurgery for cushing's disease. *Arquivos Brasileiros De Endocrinologia e Metabologia, 51*(8), 1373-1380.

Mobin F, De Salles AA, Abdelaziz O, Cabatan-Awang C, Solberg T, Selch . Stereotactic radiosurgery of cerebral arteriovenous malformations: appearance of perinidal T(2) hyperintensity signal as a predictor of favorable treatment response. *Stereotact Funct Neurosurg*. 1999;73(1-4):50-9. *UCLA, Los Angeles, CA*

Monaco, E. A., Khan, A. A., Niranjan, A., Kano, H., Grandhi, R., Kondziolka, D., . . . Lunsford, L. D. (2010). Stereotactic radiosurgery for the treatment of symptomatic brainstem cavernous malformations. *Neurosurgical Focus, 29*(3), E11.

Morbidini-Gaffney, S., Chung, C. T., Alpert, T. E., Newman, N., Hahn, S. S., Shah, H., . . . Hodge, C. (2006). Doses greater than 85 gy and two isocenters in gamma knife surgery for trigeminal neuralgia: Updated results. *Journal of Neurosurgery, 105*(Suppl), 107-111.

Moreno-Jimenez S, Celis MA, Larraga-Gutierrez JM, de Jesus Suarez-Campos J, Garcia-Garduno A, Hernandez-Bojorquez M. Intracranial arteriovenous malformations treated with linear accelerator-based conformal radiosurgery: clinical outcome and prediction of obliteration. *Surg Neurol*. 2007 May;67(5):487-91; discussion 491-2. *National Institute of Neurology and Neurosurgery, Mexico City, MX*

Moreno-Jimenez S, Celis MA, Larraga-Gutierrez JM, Suarez-Campos Jde J, Garcia-Garduño A, Hernandez- Bojorquez M, Gutiérrez-Aceves GA. Intracranial arteriovenous malformations treated with LINAC-based conformal radiosurgery: validation of the radiosurgery-based arteriovenous malformation score as a predictor of outcome. *Neurol Res.* 2007 Oct;29(7):712-6. *Instituto Nacional de Neurología y Neurocirugía, Tlalpan, México*

Moreno-Jiménez S, Celis-López MA, Lárraga-Gutiérrez JM, Herrera-Gómez L, Suárez-Campos JJ, García- Garduño A, Hernández-Bojórquez M. [Intracranial arteriovenous malformations and radiosurgery with LINAC: review article] *Neurocirugia (Astur).* 2006 Aug;17(4):317-23, *Instituto Nacional de Neurología y Neurocirugía MVS, México*

Moreno-Jimenez, S., Celis, M. A., Larraga-Gutierrez, J. M., Suarez-Campos Jde, J., Garcia-Gardunno, A., Hernandez-Bojorquez, M., & Gutierrez-Aceves, G. A. (2007). Intracranial arteriovenous malformations treated with LINAC-based conformal radiosurgery: Validation of the radiosurgery-based arteriovenous malformation score as a predictor of outcome. *Neurological Research, 29*(7), 712-716.

Murray, G., & Brau, R. H. (2011). A 10-year experience of radiosurgical treatment for cerebral arteriovenous malformations: A perspective from a series with large malformations. clinical article. *Journal of Neurosurgery, 115*(2), 337-346.

Murtagh, J., & Foerster, V. (2006). Radiofrequency neurotomy for lumbar pain. *Issues in Emerging Health Technologies,* (83), 1-4.

Nagaraja, S., Lee, K. J., Coley, S. C., Capener, D., Walton, L., Kemeny, A. A., . . . Griffiths, P. D. (2006). Stereotactic radiosurgery for brain arteriovenous malformations: Quantitative MR assessment of nidal response at 1 year and angiographic factors predicting early obliteration. *Neuroradiology, 48*(11), 821-829.

Nagy, G., Razak, A., Rowe, J. G., Hodgson, T. J., Coley, S. C., Radatz, M. W., . . . Kemeny, A. A. (2010). Stereotactic radiosurgery for deep-seated cavernous malformations: A move toward more active, early intervention. clinical article. *Journal of Neurosurgery, 113*(4), 691-699.

Nataf, F., Ghossoub, M., Schlienger, M., Moussa, R., Meder, J. F., & Roux, F. X. (2004). Bleeding after radiosurgery for cerebral arteriovenous malformations. *Neurosurgery, 55*(2), 298-305.

Nataf, F., Schlienger, M., Bayram, M., Ghossoub, M., George, B., & Roux, F. X. (2007). Microsurgery or radiosurgery for cerebral arteriovenous malformations? A study of two paired series. *Neurosurgery, 61*(1), 39-49.

Nataf, F., Schlienger, M., Bayram, M., Ghossoub, M., George, B., & Roux, F. X. (2007). Microsurgery or radiosurgery for cerebral arteriovenous malformations? A study of two paired series. *Neurosurgery, 61*(1), 39-49.

Nataf, F., Schlienger, M., Lefkopoulos, D., Merienne, L., Ghossoub, M., Foulquier, J. N., . . . Roux, F. X. (2003). Radiosurgery of cerebral arteriovenous malformations in children: A series of 57 cases. *International Journal of Radiation Oncology, Biology, Physics, 57*(1), 184-195.

Natarajan, S. K., Ghodke, B., Kim, L. J., Hallam, D. K., Britz, G. W., & Sekhar, L. N. (2010). Multimodality treatment of intracranial dural arteriovenous fistulas in the onyx era: A single center experience. *World Neurosurgery, 73*(4), 365-379.

Nicolato, A., Foroni, R., Crocco, A., Zampieri, P. G., Alessandrini, F., Bricolo, A., & Gerosa, M. A. (2002). Gamma knife radiosurgery in the management of arteriovenous malformations of the basal ganglia region of the brain. *Minimally Invasive Neurosurgery, 45*(4), 211-223.

Nicolato, A., Foroni, R., Seghedoni, A., Martines, V., Lupidi, F., Zampieri, P., . . . Bricolo, A. (2005). Leksell gamma knife radiosurgery for cerebral arteriovenous malformations in pediatric patients. *Childs Nervous System, 21*(4), 301-307.

Nicolato, A., Lupidi, F., Sandri, M. F., Foroni, R., Zampieri, P., Mazza, C., . . . Gerosa, M. (2006). Gamma knife radiosurgery for cerebral arteriovenous malformations in children/adolescents and adults. part II: Differences in obliteration rates, treatment-obliteration intervals, and prognostic factors. *International Journal of Radiation Oncology, Biology, Physics, 64*(3), 914-921.

Nicolato, A., Lupidi, F., Sandri, M. F., Foroni, R., Zampieri, P., Mazza, C., . . . Gerosa, M. (2006). Gamma knife radiosurgery for cerebral arteriovenous malformations in children/adolescents and adults. part I: Differences in epidemiologic, morphologic, and clinical characteristics, permanent complications, and bleeding in the latency period. *International Journal of Radiation Oncology, Biology, Physics, 64*(3), 904-913.

Ohye, C., & Shibazaki, T. (2009). Treatment of functional disorders with gamma knife thalamotomy. *Progress in Neurological Surgery, 22*, 170-181.

Ohye, C., Shibazaki, T., & Sato, S. (2005). Gamma knife thalamotomy for movement disorders: Evaluation of the thalamic lesion and clinical results. *Journal of Neurosurgery, 102*(Suppl), 234-240.

Ohye, C., Shibazaki, T., Zhang, J., & Andou, Y. (2002). Thalamic lesions produced by gamma thalamotomy for movement disorders. *Journal of Neurosurgery, 97*(5 Suppl), 600-606.

Ong, K. S., & Keng, S. B. (2003). Evaluation of surgical procedures for trigeminal neuralgia. *Anesthesia Progress, 50*(4), 181-188.

Orio, P., Stelzer, K. J., Goodkin, R., & Douglas, J. G. (2006). Treatment of arteriovenous malformations with linear accelerator-based radiosurgery compared with gamma knife surgery. *Journal of Neurosurgery, 105*(Suppl), 58-63.

Pan, D. H., Chung, W. Y., Guo, W. Y., Wu, H. M., Liu, K. D., Shiau, C. Y., & Wang, L. W. (2002). Stereotactic radiosurgery for the treatment of dural arteriovenous fistulas involving the transverse-sigmoid sinus. *Journal of Neurosurgery, 96*(5), 823-829.

Pan, D. H., Kuo, Y. H., Guo, W. Y., Chung, W. Y., Wu, H. M., Liu, K. D., . . . Wong, T. T. (2008). Gamma knife surgery for cerebral arteriovenous malformations in children: A 13-year experience. *Journal of Neurosurgery.Pediatrics, 1*(4), 296-304.

Pan, D.H.K., Y. H.; Guo, W. Y.; Chung, W. Y.; Wu, H. M.; Liu, K. D.; Chang, Y. C.; Wang, L. W.; Wong, T. T., Gamma Knife surgery for cerebral arteriovenous malformations in children: a 13-year experience. J Neurosurg Pediatr, 2008. 1(4): p. 296-304.

Pan, H. C., Sheehan, J., Huang, C. F., Sheu, M. L., Yang, D. Y., & Chiu, W. T. (2010). Quality-of-life outcomes after gamma knife surgery for trigeminal neuralgia. *Journal of Neurosurgery, 113*(Suppl), 191-198.

Pan, H. C., Sun, M. H., Chen, W. H., Ting, C. C., & Sheehan, J. (2009). Minimally invasive approaches to treating chemosis of the eyes from unusual dural arteriovenous fistulae. *Minimally Invasive Neurosurgery, 52*(5-6), 222-228.

Pan, H. C., Sun, M. H., Sheehan, J., Sheu, M. L., Chen, C. C., Lee, H. T., . . . Yang, D. Y. (2010). Radiosurgery for dural carotid-cavernous sinus fistulas: Gamma knife compared with XKnife radiosurgery. *Journal of Neurosurgery, 113*(Suppl), 9-20.

Pan, H. C., Sun, M. H., Yang, D. Y., Wang, Y. C., Lee, S. D., Chen, W. H., & Chen, C. C. (2005). Multidisciplinary treatment of cavernous sinus dural arteriovenous fistulae with radiosurgery and embolization. *Journal of Clinical Neuroscience, 12*(7), 744-749.

Park, K. J., Kondziolka, D., Kano, H., Berkowitz, O., Ahmed, S. F., Liu, X., . . . Lunsford, L. D. (2012). Outcomes of gamma knife surgery for trigeminal neuralgia secondary to vertebrobasilar ectasia. *Journal of Neurosurgery, 116*(1), 73-81.

Park, S. H., & Hwang, S. K. (2011). Outcomes of gamma knife radiosurgery for trigeminal neuralgia after a minimum 3-year follow-up. *Journal of Clinical Neuroscience, 18*(5), 645-648.

Park, S. H., Hwang, S. K., Kang, D. H., Park, J., Hwang, J. H., & Sung, J. K. (2010). The retrogasserian zone versus dorsal root entry zone: Comparison of two targeting techniques of gamma knife radiosurgery for trigeminal neuralgia. *Acta Neurochirurgica, 152*(7), 1165-1170.

Park, Y. S., Kim, J. P., Chang, W. S., Kim, H. Y., Park, Y. G., & Chang, J. W. (2011). Gamma knife radiosurgery for idiopathic trigeminal neuralgia as primary vs. secondary treatment option. *Clinical Neurology & Neurosurgery, 113*(6), 447-452.

Pati, S., Abla, A. A., Rekate, H. L., & Ng, Y. T. (2011). Repeat surgery for hypothalamic hamartoma in refractory epilepsy. *Neurosurgical Focus, 30*(2), E3.

Pati, S., Rastogi, R. G., Abla, A. A., Rekate, H. L., & Ng, Y. T. (2011). Long-term outcome after emergency resection of hypothalamic hamartomas for status gelasticus. *Neurosurgical Focus, 30*(2), E5.

Patil, C. G., Veeravagu, A., Bower, R. S., Li, G., Chang, S. D., Lim, M., & Adler, J. R.,Jr. (2007). CyberKnife radiosurgical rhizotomy for the treatment of atypical trigeminal nerve pain. *Neurosurgical Focus, 23*(6), E9.

Patwardhan, R. V., Minagar, A., Kelley, R. E., & Nanda, A. (2006). Neurosurgical treatment of multiple sclerosis. *Neurological Research, 28*(3), 320-325. [Exclude, population (multiple sclerosis)]

Pedroso AG, De Salles AA, Tajik K, Golish R, Smith Z, Frighetto L, Solberg T, Cabatan-Awang C, Selch MT. Novalis Shaped Beam Radiosurgery of arteriovenous malformations. *J Neurosurg.* 2004 Nov;101 Suppl 3:425-34. *UCLA, Los Angeles*

Perks JR, Yang C, Sahrakar K, Pappas C, Hartman J, Kubo H, Chen A. Linear accelerator-based radiosurgery for multiple arteriovenous malformations: case report. *Am J Neuroradiol*. 2005 Aug;26(7):1852-4. *UC Davis Medical Center, Sacramento*

Petit JH, Herman JM, Nagda S, DiBiase SJ, Chin LS. Radiosurgical treatment of trigeminal neuralgia: evaluating quality of life and treatment outcomes. .Int J Radiat Oncol Biol Phys. 2003;56(4):1147

Polkey, C. E. (2003). Alternative surgical procedures to help drug-resistant epilepsy - a review. *Epileptic Disorders, 5*(2), 63-75.

Pollock BE, S. K. A. (2010). Prospective comparison of posterior fossa exploration and stereotactic radiosurgery dorsal root entry zone target as primary surgery for patients with idiopathic trigeminal neuralgia. *Neurosurgery, 67*(3)

Pollock, B. E. (2005). Comparison of posterior fossa exploration and stereotactic radiosurgery in patients with previously nonsurgically treated idiopathic trigeminal neuralgia. *Neurosurgical Focus, 18*(5), E6.

Pollock, B. E. (2008). Radiosurgery for cavernous malformations: Theory and practice. *Clinical Neurosurgery, 55*, 97-100.

Pollock, B. E., & Ecker, R. D. (2005). A prospective cost-effectiveness study of trigeminal neuralgia surgery. *Clinical Journal of Pain, 21*(4), 317-322.

Pollock, B. E., & Flickinger, J. C. (2008). Modification of the radiosurgery-based arteriovenous malformation grading system. *Neurosurgery, 63*(2), 239-243.

Pollock, B. E., & Meyer, F. B. (2004). Radiosurgery for arteriovenous malformations. *Journal of Neurosurgery, 101*(3), 390-392.

Pollock, B. E., & Stein, K. J. (2010). Surgical management of trigeminal neuralgia patients with recurrent or persistent pain despite three or more prior operations. *World Neurosurgery, 73*(5), 523-528.

Pollock, B. E., Gorman, D. A., & Coffey, R. J. (2003). Patient outcomes after arteriovenous malformation radiosurgical management: Results based on a 5- to 14-year follow-up study. *Neurosurgery, 52*(6), 1291-1296.

Pollock, B. E., Phuong, L. K., Gorman, D. A., Foote, R. L., & Stafford, S. L. (2002). Stereotactic radiosurgery for idiopathic trigeminal neuralgia. *Journal of Neurosurgery, 97*(2), 347-353.

Pollock, J. M., Whitlow, C. T., Simonds, J., Stevens, E. A., Kraft, R. A., Burdette, J. H., & Maldjian, J. A. (2011). Response of arteriovenous malformations to gamma knife therapy evaluated with pulsed arterial spin-labeling MRI perfusion. *AJR.American Journal of Roentgenology, 196*(1), 15-22.

Poon, T. L., Leung, S. C., Poon, C. Y., & Yu, C. P. (2010). Predictors of outcome following gamma knife surgery for acromegaly. *Journal of Neurosurgery, 113*(Suppl), 149-152.

Prayson, R. A., & Yoder, B. J. (2007). Clinicopathologic findings in mesial temporal sclerosis treated with gamma knife radiotherapy. *Annals of Diagnostic Pathology, 11*(1), 22-26.

Prevedello, D. M., Pouratian, N., Sherman, J., Jane, J. A.,Jr, Vance, M. L., Lopes, M. B., & Laws, E. R.,Jr. (2008). Management of cushing's disease: Outcome in patients with microadenoma detected on pituitary magnetic resonance imaging. *Journal of Neurosurgery, 109*(4), 751-759.

Pusztaszeri M, Villemure JG, Regli L, Do HP, Pica A. Radiosurgery for trigeminal neuralgia using a linear accelerator with BrainLab system: report on initial experience in Lausanne, Switzerland. *Swiss Med Wkly*. 2007 Dec 1;137(47-48):682-6. *Centre Hospitalier Universitaire Vaudois, Lausanne, SW*

Quigg, M., Barbaro, N. M., Laxer, K. D., Ward, M. L., & and Epilepsy Radiosurgery Study, G. (2006). Two year outcomes of a multicenter, prospective pilot study of gamma knife radiosurgery for mesial temporal lobe epilepsy: Seizure remission and morbidity. *Epilepsia, 47 Suppl 4*, 1.

Quigg, M., Broshek, D. K., Barbaro, N. M., Ward, M. M., Laxer, K. D., Yan, G., Lamborn, K., & Radiosurgery Epilepsy Study, G. (2011). Neuropsychological outcomes after gamma knife radiosurgery for mesial temporal lobe epilepsy: A prospective multicenter study. *Epilepsia, 52*(5), 909-916.

Quigg, M., Broshek, D. K., Barbaro, N. M., Ward, M. M., Laxer, K. D., Yan, G., . . . Radiosurgery Epilepsy Study, G. (2011). Neuropsychological outcomes after gamma knife radiosurgery for mesial temporal lobe epilepsy: A prospective multicenter study. *Epilepsia, 52*(5), 909-916.

Raffa SJ, Chi YY, Bova FJ, Friedman WA. Validation of the radiosurgery-based arteriovenous malformation score in a large linear accelerator radiosurgery experience. *J Neurosurg.* 2009 Oct;111(4):832-9. *University of Florida, Gainesville*

Raffa, S. J., Chi, Y. Y., Bova, F. J., & Friedman, W. A. (2009). Validation of the radiosurgery-based arteriovenous malformation score in a large linear accelerator radiosurgery experience. *Journal of Neurosurgery, 111*(4), 832-839.

Ragab, S. M., Elsheikh, M. N., Saafan, M. E., & Elsherief, S. G. (2005). Radiophonosurgery of benign superficial vocal fold lesions. *The Journal of Laryngology and Otology, 119*(12), 961-966.

Rahimian J, Chen JC, Rao AA, Girvigian MR, Miller MJ, Greathouse HE. Geometrical accuracy of the Novalis stereotactic radiosurgery system for trigeminal neuralgia. *J Neurosurg.* 2004 Nov;101 Suppl 3:351-5. *Southern California Permanente Medical Group, Los Angeles*

Ray, D. K., Yen, C. P., Vance, M. L., Laws, E. R., Lopes, B., & Sheehan, J. P. (2010). Gamma knife surgery for lymphocytic hypophysitis. *Journal of Neurosurgery, 112*(1), 118-121.

Régis J, Metellus P, Hayashi M, Roussel P, Donnet A, Bille-Turc F. Prospective controlled trial of gamma knife surgery for essential trigeminal neuralgia. J Neurosurg. 2006;104(6):913.

Regis, J., Bartolomei, F., Hayashi, M., & Chauvel, P. (2002). Gamma knife surgery, a neuromodulation therapy in epilepsy surgery! *Acta Neurochirurgica - Supplement, 84*, 37-47.

Regis, J., Hayashi, M., Eupierre, L. P., Villeneuve, N., Bartolomei, F., Brue, T., & Chauvel, P. (2004). Gamma knife surgery for epilepsy related to hypothalamic hamartomas. *Acta Neurochirurgica - Supplement, 91*, 33-50.

Regis, J., Metellus, P., Hayashi, M., Roussel, P., Donnet, A., & BilleTurc, F. (2006). Prospective controlled trial of gamma knife surgery for essential trigeminal neuralgia. *Journal of Neurosurgery, 104*(6), 913-924.

Regis, J., Metellus, P., Hayashi, M., Roussel, P., Donnet, A., & Bille-Turc, F. (2006). Prospective controlled trial of gamma knife surgery for essential trigeminal neuralgia. *Journal of Neurosurgery, 104*(6), 913-924.

Regis, J., Rey, M., Bartolomei, F., Vladyka, V., Liscak, R., Schrottner, O., & Pendl, G. (2004). Gamma knife surgery in mesial temporal lobe epilepsy: A prospective multicenter study. *Epilepsia, 45*(5), 504-515.

Reyns, N., Blond, S., Gauvrit, J. Y., Touzet, G., Coche, B., Pruvo, J. P., & Dhellemmes, P. (2007). Role of radiosurgery in the management of cerebral arteriovenous malformations in the pediatric age group: Data from a 100-patient series. *Neurosurgery, 60*(2), 268-276.

Rheims, S., Didelot, A., Guenot, M., Regis, J., & Ryvlin, P. (2011). Subcontinuous epileptiform activity after failed hippocampal radiosurgery. *Epilepsia, 52*(8), 1425-1429.

Rheims, S., Fischer, C., Ryvlin, P., Isnard, J., Guenot, M., Tamura, M., . . . Mauguiere, F. (2008). Long-term outcome of gamma-knife surgery in temporal lobe epilepsy. *Epilepsy Research, 80*(1), 23-29.

Richards, G. M., Bradley, K. A., Tome, W. A., Bentzen, S. M., Resnick, D. K., & Mehta, M. P. (2005). Linear accelerator radiosurgery for trigeminal neuralgia. *Neurosurgery, 57*(6), 1193-1200.

Riesenburger, R. I., Hwang, S. W., Schirmer, C. M., Zerris, V., Wu, J. K., Mahn, K., . . . Yao, K. C. (2010). Outcomes following single-treatment gamma knife surgery for trigeminal neuralgia with a minimum 3-year follow-up. *Journal of Neurosurgery, 112*(4), 766-771.

Ritland, J. S., Torkzad, K., Juul, R., & Lydersen, S. (2004). Radiosurgery versus conventional surgery for dermatochalasis. *Ophthalmic Plastic & Reconstructive Surgery, 20*(6), 423-425.

Roberts, B. K., Ouyang, D. L., Lad, S. P., Chang, S. D., Harsh, G. R.,4th, Adler, J. R.,Jr, . . . Katznelson, L. (2007). Efficacy and safety of CyberKnife radiosurgery for acromegaly. *Pituitary, 10*(1), 19-25.

Rolland, Y. M., Hermabessiere, S., Abellan, G., Nourhashemi, F., Bousquet, P., Lazorthes, Y., & Vellas, B. (2008). Stereotactic radiosurgery for trigeminal neuralgia in a 109-year-old woman. *Journal of the American Geriatrics Society, 56*(8), 1586-1587.

Ronchi, C. L., Attanasio, R., Verrua, E., Cozzi, R., Ferrante, E., Loli, P., . . . Arosio, M. (2009). Efficacy and tolerability of gamma knife radiosurgery in acromegaly: A 10-year follow-up study. *Clinical Endocrinology, 71*(6), 846-852.

Rosner, M., Bourla, N., & Rosen, N. (2004). Eyelid splitting and extirpation of hair follicles using a radiosurgical technique for treatment of trichiasis. *Ophthalmic Surgery, Lasers & Imaging, 35*(2), 116-122.

Ross, J., & AlShahi Salman, R. (2010). Interventions for treating brain arteriovenous malformations in adults. *Cochrane Database of Systematic Reviews, 10*

Ruck, C., Andreewitch, S., Flyckt, K., Edman, G., Nyman, H., Meyerson, B. A., . . . Asberg, M. (2003). Capsulotomy for refractory anxiety disorders: Long-term follow-up of 26 patients. *American Journal of Psychiatry, 160*(3), 513-521.

Salour, H., Rafati, N., Falahi, M. R., & Aletaha, M. (2011). A comparison of argon laser and radiofrequency in trichiasis treatment. *Ophthalmic Plastic & Reconstructive Surgery, 27*(5), 313-316.

Sanchez-Mejia, R. O., Limbo, M., Cheng, J. S., Camara Quintana, J., Ward, M. M., & Barbaro, N. M. (2006). Ronald tasker award: Retreatment of medically refractory trigeminal neuralgia. *Clinical Neurosurgery, 53*, 313-315.

Sanchez-Mejia, R. O., Limbo, M., Cheng, J. S., Camara, J., Ward, M. M., & Barbaro, N. M. (2005). Recurrent or refractory trigeminal neuralgia after microvascular decompression, radiofrequency ablation, or radiosurgery. *Neurosurgical Focus, 18*(5), e12.

Sanchez-Mejia, R. O., McDermott, M. W., Tan, J., Kim, H., Young, W. L., & Lawton, M. T. (2009). Radiosurgery facilitates resection of brain arteriovenous malformations and reduces surgical morbidity. *Neurosurgery, 64*(2), 231-238.

SanchezMejia, R. O., McDermott, M. W., Tan, J., Kim, H., Young, W. L., & Lawton, M. T. (2009). Radiosurgery facilitates resection of brain arteriovenous malformations and reduces surgical morbidity. *Neurosurgery, 64*(2), 231-238.

Scarbrough TJ, Crocker IR, Davis LW, Barro DL, Fowler BZ, Oyesiku NM. Intracranial arteriovenous malformations treated utilizing a linear accelerator-based patient rotator or commercially available radiosurgery system. *Stereotact Funct Neurosurg*. 2005;83(2-3):91-100. *Emory University, Atlanta*

Schulze-Bonhage, A., & Ostertag, C. (2007). Treatment options for gelastic epilepsy due to hypothalamic hamartoma: Interstitial radiosurgery. *Seminars in Pediatric Neurology, 14*(2), 80-87.

Schulze-Bonhage, A., Homberg, V., Trippel, M., Keimer, R., Elger, C. E., Warnke, P. C., & Ostertag, C. (2004). Interstitial radiosurgery in the treatment of gelastic epilepsy due to hypothalamic hamartomas. *Neurology, 62*(4), 644-647.

Schulze-Bonhage, A., Quiske, A., Homberg, V., Trippel, M., Wagner, K., Frings, L., . . . Ostertag, C. (2004). Effect of interstitial stereotactic radiosurgery on behavior and subjective handicap of epilepsy in patients with gelastic epilepsy. *Epilepsy & Behavior, 5*(1), 94-101.

Sekula, R. F.,Jr, Frederickson, A. M., Jannetta, P. J., Bhatia, S., & Quigley, M. R. (2010). Microvascular decompression after failed gamma knife surgery for trigeminal neuralgia: A safe and effective rescue therapy?. *Journal of Neurosurgery, 113*(1), 45-52.

Selch MT, Gorgulho A, Mattozo C, Solberg TD, Cabatan-Awang C, DeSalles AA. Linear accelerator stereotactic radiosurgery for the treatment of gelastic seizures due to hypothalamic hamartoma. *Minim Invasive Neurosurg*. 2005 Oct;48(5):310-4. *UCLA, Los Angeles*

Sellon, R. K., Fidel, J., Houston, R., & Gavin, P. R. (2009). Linear-accelerator-based modified radiosurgical treatment of pituitary tumors in cats: 11 cases (1997-2008). *Journal of Veterinary Internal Medicine, 23*(5), 1038-1044.

Shaya, M., Jawahar, A., Caldito, G., Sin, A., Willis, B. K., & Nanda, A. (2004). Gamma knife radiosurgery for trigeminal neuralgia: A study of predictors of success, efficacy, safety, and outcome at LSUHSC. *Surgical Neurology, 61*(6), 529-534.

Sheehan, J. P., Ray, D. K., Monteith, S., Yen, C. P., Lesnick, J., Kersh, R., & Schlesinger, D. (2010). Gamma knife radiosurgery for trigeminal neuralgia: The impact of magnetic resonance imaging-detected vascular impingement of the affected nerve. *Journal of Neurosurgery, 113*(1), 53-58.

Sheehan, J., Pan, H. C., Stroila, M., & Steiner, L. (2005). Gamma knife surgery for trigeminal neuralgia: Outcomes and prognostic factors. *Journal of Neurosurgery, 102*(3), 434-441.

Shetter, A. G., Rogers, C. L., Ponce, F., Fiedler, J. A., Smith, K., & Speiser, B. L. (2002). Gamma knife radiosurgery for recurrent trigeminal neuralgia. *Journal of Neurosurgery, 97*(5 Suppl), 536-538.

Shields, D. C., Asaad, W., Eskandar, E. N., Jain, F. A., Cosgrove, G. R., Flaherty, A. W., . . . Dougherty, D. D. (2008). Prospective assessment of stereotactic ablative surgery for intractable major depression. *Biological Psychiatry, 64*(6), 449-454.

Shih, Y. H., & Pan, D. H. (2005). Management of supratentorial cavernous malformations: Craniotomy versus gammaknife radiosurgery. *Clinical Neurology & Neurosurgery, 107*(2), 108-112.

Shin, M., Kawamoto, S., Kurita, H., Tago, M., Sasaki, T., Morita, A., . . . Kirino, T. (2002). Retrospective analysis of a 10-year experience of stereotactic radio surgery for arteriovenous malformations in children and adolescents. *Journal of Neurosurgery, 97*(4), 779-784.

Shin, M., Maruyama, K., Kurita, H., Kawamoto, S., Tago, M., Terahara, A., . . . Kirino, T. (2004). Analysis of nidus obliteration rates after gamma knife surgery for arteriovenous malformations based on long-term follow-up data: The university of tokyo experience. *Journal of Neurosurgery, 101*(1), 18-24.

Sirin, S., Kondziolka, D., Niranjan, A., Flickinger, J. C., Maitz, A. H., & Lunsford, L. D. (2006). Prospective staged volume radiosurgery for large arteriovenous malformations: Indications and outcomes in otherwise untreatable patients. *Neurosurgery, 58*(1), 17-27.

Smith ZA, De Salles AA, Frighetto L, Goss B, Lee SP, Selch M, Wallace RE, Cabatan-Awang C, Solberg T. Dedicated linear accelerator radiosurgery for the treatment of trigeminal neuralgia. *J Neurosurg*. 2003 Sep;99(3):511-6. *UCLA, Los Angeles*

Smith, J. R., Lee, G. P., Fountas, K., King, D. W., & Jenkins, P. D. (2006). Intracranial stimulation study of lateralization of affect. *Epilepsy & Behavior, 8*(3), 534-541.

Smith, R. R., Lavassani, A., Zachow, S., Wahl, D., Mandybur, G., & Patrick, B. (2002). The gamma knife for relief of trigeminal neuralgia. *Journal of the Mississippi State Medical Association, 43*(7), 205-207.

Smyth, M. D., Sneed, P. K., Ciricillo, S. F., Edwards, M. S., Wara, W. M., Larson, D. A., . . . McDermott, M. W. (2002). Stereotactic radiosurgery for pediatric intracranial arteriovenous malformations: The university of california at san francisco experience. *Journal of Neurosurgery, 97*(1), 48-55.

Soderman, M., Edner, G., Ericson, K., Karlsson, B., Rahn, T., Ulfarsson, E., & Andersson, T. (2006). Gamma knife surgery for dural arteriovenous shunts: 25 years of experience. *Journal of Neurosurgery, 104*(6), 867-875.

Spiezia, S., Garberoglio, R., Milone, F., Ramundo, V., Caiazzo, C., Assanti, A. P., . . . Faggiano, A. (2009). Thyroid nodules and related symptoms are stably controlled two years after radiofrequency thermal ablation. *Thyroid, 19*(3), 219-225.

Srikijvilaikul, T., Najm, I., Foldvary-Schaefer, N., Lineweaver, T., Suh, J. H., & Bingaman, W. E. (2004). Failure of gamma knife radiosurgery for mesial temporal lobe epilepsy: Report of five cases. *Neurosurgery, 54*(6), 1395-1402.

Stapleton, C. J., Liu, C. Y., & Weiss, M. H. (2010). The role of stereotactic radiosurgery in the multimodal management of growth hormone-secreting pituitary adenomas. *Neurosurgical Focus, 29*(4), E11.

Starke, R. M., Williams, B. J., Vance, M. L., & Sheehan, J. P. (2010). Radiation therapy and stereotactic radiosurgery for the treatment of cushing's disease: An evidence-based review. *Current Opinion in Endocrinology, Diabetes & Obesity, 17*(4), 356-364.

Steiner, L., Karlsson, B., Yen, C. P., Torner, J. C., Lindquist, C., & Schlesinger, D. (2010). Radiosurgery in cavernous malformations: Anatomy of a controversy. *Journal of Neurosurgery, 113*(1), 16-21.

Steinvorth, S., Wenz, F., Wildermuth, S., Essig, M., Fuss, M., Lohr, F., . . . Hacke, W. (2002). Cognitive function in patients with cerebral arteriovenous malformations after radiosurgery: Prospective long-term follow-up. *International Journal of Radiation Oncology, Biology, Physics, 54*(5), 1430-1437.

Stuck, B. A., Maurer, J. T., Hein, G., Hormann, K., & Verse, T. (2004). Radiofrequency surgery of the soft palate in the treatment of snoring: A review of the literature. *Sleep, 27*(3), 551-555.

Sun, D. Q., Carson, K. A., Raza, S. M., Batra, S., Kleinberg, L. R., Lim, M., . . . Rigamonti, D. (2011). The radiosurgical treatment of arteriovenous malformations: Obliteration, morbidities, and performance status. *International Journal of Radiation Oncology, Biology, Physics, 80*(2), 354-361.

Surdell, D. L., Bhattacharjee, S., & Loftus, C. M. (2002). Pros, cons, and current indications of open craniotomy versus gamma knife in the treatment of arteriovenous malformations and the role of endovascular embolization. *Neurological Research, 24*(4), 347-353.

Tatli, M., & Sindou, M. (2008). Anatomoradiological landmarks for accuracy of radiofrequency thermorhizotomy in the treatment of trigeminal neuralgia. *Neurosurgery, 63*(1 Suppl 1), ONS129-37.

Tatli, M., & Sindou, M. (2008). Anatomoradiological landmarks for accuracy of radiofrequency thermorhizotomy in the treatment of trigeminal neuralgia. *Neurosurgery, 63*(1 Suppl 1), ONS129-37.

Tatli, M., Satici, O., Kanpolat, Y., & Sindou, M. (2008). Various surgical modalities for trigeminal neuralgia: Literature study of respective long-term outcomes. *Acta Neurochirurgica, 150*(3), 243-255.

Taussky, P., Kalra, R., Coppens, J., Mohebali, J., Jensen, R., & Couldwell, W. T. (2011). Endocrinological outcome after pituitary transposition (hypophysopexy) and adjuvant radiotherapy for tumors involving the cavernous sinus. *Journal of Neurosurgery, 115*(1), 55-62.

Tawk, R. G., Duffy-Fronckowiak, M., Scott, B. E., Alberico, R. A., Diaz, A. Z., Podgorsak, M. B., . . . Fenstermaker, R. A. (2005). Stereotactic gamma knife surgery for trigeminal neuralgia: Detailed analysis of treatment response. *Journal of Neurosurgery, 102*(3), 442-449.

Tekin, I., Mirzai, H., Ok, G., Erbuyun, K., & Vatansever, D. (2007). A comparison of conventional and pulsed radiofrequency denervation in the treatment of chronic facet joint pain. *The Clinical Journal of Pain, 23*(6), 524-529.

Tome-Bermejo, F., Barriga-Martin, A., & Martin, J. L. (2011). Identifying patients with chronic low back pain likely to benefit from lumbar facet radiofrequency denervation: A prospective study. *Journal of Spinal Disorders & Techniques, 24*(2), 69-75.

Treuer, H., Kocher, M., Hoevels, M., Hunsche, S., Luyken, K., Maarouf, M., . . . Sturm, V. (2006). Impact of target point deviations on control and complication probabilities in stereotactic radiosurgery of AVMs and metastases. *Radiotherapy & Oncology, 81*(1), 25-32.

Tseng, H. M., Su, P. C., Liu, H. M., Liou, H. H., & Yen, R. F. (2007). Bilateral subthalamotomy for advanced parkinson disease. *Surgical Neurology, 68*(Suppl 1), S43-50.

Tu, J., Stoodley, M. A., Morgan, M. K., & Storer, K. P. (2006). Responses of arteriovenous malformations to radiosurgery: Ultrastructural changes. *Neurosurgery, 58*(4), 749-758.

Tu, J., Stoodley, M. A., Morgan, M. K., Storer, K. P., & Smee, R. (2009). Different responses of cavernous malformations and arteriovenous malformations to radiosurgery. *Journal of Clinical Neuroscience, 16*(7), 945-949.

Unger, F., Schrottner, O., Feichtinger, M., Bone, G., Haselsberger, K., & Sutter, B. (2002). Stereotactic radiosurgery for hypothalamic hamartomas. *Acta Neurochirurgica - Supplement, 84*, 57-63.

Uno, M., Satoh, K., Matsubara, S., Satomi, J., Nakajima, N., & Nagahiro, S. (2004). Does multimodality therapy of arteriovenous malformations improve patient outcome?. *Neurological Research, 26*(1), 50-54.

Urgosik, D., Liscak, R., Novotny, J.,Jr, Vymazal, J., & Vladyka, V. (2005). Treatment of essential trigeminal neuralgia with gamma knife surgery. *Journal of Neurosurgery, 102*(Suppl), 29-33.

Valle, R. D., Zenteno, M., Jaramillo, J., Lee, A., & De Anda, S. (2008). Definition of the key target volume in radiosurgical management of arteriovenous malformations: A new dynamic concept based on angiographic circulation time. *Journal of Neurosurgery, 109*(Suppl), 41-50.

van den Berg, R., Buis, D. R., Lagerwaard, F. J., Lycklama a Nijeholt, G. J., & Vandertop, W. P. (2008). Extensive white matter changes after stereotactic radiosurgery for brain arteriovenous malformations: A prognostic sign for obliteration? *Neurosurgery, 63*(6), 1064-1069.

van den Berg, R., Buis, D. R., Lagerwaard, F. J., Lycklama a Nijeholt, G. J., & Vandertop, W. P. (2008). Extensive white matter changes after stereotactic radiosurgery for brain arteriovenous malformations: A prognostic sign for obliteration?. *Neurosurgery, 63*(6), 1064-1069.

van Kleef, M., van Genderen, W. E., Narouze, S., Nurmikko, T. J., van Zundert, J., Geurts, J. W., . . . World Institute of, M. (2009). 1. trigeminal neuralgia. *Pain Practice, 9*(4), 252-259.

Verheul, J. B., Hanssens, P. E., Lie, S. T., Leenstra, S., Piersma, H., & Beute, G. N. (2010). Gamma knife surgery for trigeminal neuralgia: A review of 450 consecutive cases. *Journal of Neurosurgery, 113*(Suppl), 160-167.

Veznedaroglu E, Andrews DW, Benitez RP, Downes MB, Werner-Wasik M, Rosenstock J, Curran WJ Jr, Rosenwasser RH. Fractionated stereotactic radiotherapy for the treatment of large arteriovenous malformations with or without previous partial embolization. *Neurosurgery*. 2008 Feb;62 Suppl 2:519-31. *Thomas Jefferson Hospital, Philadelphia*

Vik-Mo, E. O., Oksnes, M., Pedersen, P. H., Wentzel-Larsen, T., Rodahl, E., Thorsen, F., . . . Lund-Johansen, M. (2007). Gamma knife stereotactic radiosurgery for acromegaly. *European Journal of Endocrinology, 157*(3), 255-263.

Vladyka, V., Liscak, R., Simonova, G., Pilbauer, J., Hejdukova, I., & Novacek, L. (2005). Progress in glaucoma treatment research: A nonrandomized prospective study of 102 patients with advanced refractory glaucoma treated by leksell gamma knife irradiation. *Journal of Neurosurgery, 102*(Suppl), 214-219.

Vles, G. F., Vles, J. S., van Kleef, M., van Zundert, J., Staal, H. M., Weber, W. E., . . . de Louw, A. J. (2010). Percutaneous radiofrequency lesions adjacent to the dorsal root ganglion alleviate spasticity and pain in children with cerebral palsy: Pilot study in 17 patients. *BMC Neurology, 10*, 52.

Vojtech, Z., Vladyka, V., Kalina, M., Nespor, E., Seltenreichova, K., Semnicka, J., & Liscak, R. (2009). The use of radiosurgery for the treatment of mesial temporal lobe epilepsy and long-term results. *Epilepsia, 50*(9), 2061-2071.

Wait, S. D., Abla, A. A., Killory, B. D., Nakaji, P., & Rekate, H. L. (2011). Surgical approaches to hypothalamic hamartomas. *Neurosurgical Focus, 30*(2), E2.

Waldau, B., Clayton, D. A., Gasperson, L. B., & Turner, D. A. (2011). Analysis of the time course of the effect of subthalamic nucleus stimulation upon hand function in parkinson's patients. *Stereotactic and Functional Neurosurgery, 89*(1), 48-55.

Waldau, B., Clayton, D. A., Gasperson, L. B., & Turner, D. A. (2011). Analysis of the time course of the effect of subthalamic nucleus stimulation upon hand function in parkinson's patients. *Stereotactic & Functional Neurosurgery, 89*(1), 48-55.

Wang, L., Zhao, Z. W., Qin, H. Z., Li, W. T., Zhang, H., Zong, J. H., . . . Gao, G. D. (2008). Repeat gamma knife radiosurgery for recurrent or refractory trigeminal neuralgia. *Neurology India, 56*(1), 36-41.

Wang, P., Zhang, F., Zhang, H., & Zhao, H. (2010). Gamma knife radiosurgery for intracranial cavernous malformations. *Clinical Neurology & Neurosurgery, 112*(6), 474-477.

Wang, T. J., Brisman, R., Lu, Z. F., Li, X., Isaacson, S. R., Shah, J. N., . . . Liu, T. (2010). Image registration strategy of T(1)-weighted and FIESTA MRI sequences in trigeminal neuralgia gamma knife radiosurgery. *Stereotactic & Functional Neurosurgery, 88*(4), 239-245.

Wang, W., Wang, W., Guo, X., Zeng, Y., & Jiang, X. (2009). Hypothalamic hamartoma causing gelastic seizures treated with stereotactic radiofrequency thermocoagulation. *Epileptic Disorders, 11*(4), 333-338.

Wong, G. K., Leung, C. H., Chiu, K. W., Ma, R., Cockram, C. S., Lam, M. J., & Poon, W. S. (2003). LINAC radiosurgery in recurrent cushing's disease after transsphenoidal surgery: A series of 5 cases. *Minimally Invasive Neurosurgery, 46*(6), 327-330.

Xin, Y. M., Zhao, X. P., & Song, X. (2003). Research about combination of gamma knife and cobait-60 radiation therapy to treat hypophysoma. *Chinese Journal of Radiological Health, 12*(4), 201-202.

Yang I, Kim W, De Salles A, Bergsneider M. A systematic analysis of disease control in acromegaly treated with radiosurgery. *Neurosurg Focus.* 2010 Oct;29(4):E13, *University of California, Los Angeles, California*

Yang, H. C., Kano, H., Kondziolka, D., Niranjan, A., Flickinger, J. C., Horowitz, M. B., & Lunsford, L. D. (2010). Stereotactic radiosurgery with or without embolization for intracranial dural arteriovenous fistulas. *Neurosurgery, 67*(5), 1276-1283.

Yang, H. C., Kano, H., Kondziolka, D., Niranjan, A., Flickinger, J. C., Horowitz, M. B., & Lunsford, L. D. (2010). Stereotactic radiosurgery with or without embolization for intracranial dural arteriovenous fistulas. *Neurosurgery, 67*(5), 1276-1283.

Yang, I., Kim, W., De Salles, A., & Bergsneider, M. (2010). A systematic analysis of disease control in acromegaly treated with radiosurgery. *Neurosurgical Focus, 29*(4), E13.

Yang, S. Y., Kim, D. G., Chung, H. T., Paek, S. H., Park, J. H., & Han, D. H. (2009). Radiosurgery for large cerebral arteriovenous malformations. *Acta Neurochirurgica, 151*(2), 113-124.

Yen, C. P., Monteith, S. J., Nguyen, J. H., Rainey, J., Schlesinger, D. J., & Sheehan, J. P. (2010). Gamma knife surgery for arteriovenous malformations in children. *Journal of Neurosurgery.Pediatrics, 6*(5), 426-434.

Yen, C. P., Varady, P., Sheehan, J., Steiner, M., & Steiner, L. (2007). Subtotal obliteration of cerebral arteriovenous malformations after gamma knife surgery. *Journal of Neurosurgery, 106*(3), 361-369.

Yomo, S., Arkha, Y., Donnet, A., & Regis, J. (2009). Gamma knife surgery for glossopharyngeal neuralgia. *Journal of Neurosurgery, 110*(3), 559-563.

Young, R. F., Li, F., Vermeulen, S., & Meier, R. (2010). Gamma knife thalamotomy for treatment of essential tremor: Long-term results. *Journal of Neurosurgery, 112*(6), 1311-1317.

Yu, C. S., Chan, H. H., & Tse, R. K. (2007). Radiosurgery versus carbon dioxide laser for dermatochalasis correction in asians. *Lasers in Surgery & Medicine, 39*(2), 176-179.

Yuki I, Kim RH, Duckwiler G, Jahan R, Tateshima S, Gonzalez N, Gorgulho A, Diaz JL, De Salles AA, Viñuela F. Treatment of brain arteriovenous malformations with high-flow arteriovenous fistulas: risk andcomplications associated with endovascular embolization in multimodality treatment. *J Neurosurg.* 2010 Oct;113(4):715-22.. *UCLA, Los Angeles, CA*

Zabel, A., Milker-Zabel, S., Huber, P., Schulz-Ertner, D., Schlegel, W., & Debus, J. (2005). Treatment outcome after linac-based radiosurgery in cerebral arteriovenous malformations: Retrospective analysis of factors affecting obliteration. *Radiotherapy & Oncology, 77*(1), 105-110.

Zabel-du Bois, A., Milker-Zabel, S., Huber, P., Schlegel, W., & Debus, J. (2007). Risk of hemorrhage and obliteration rates of LINAC-based radiosurgery for cerebral arteriovenous malformations treated after prior partial embolization. *International Journal of Radiation Oncology, Biology, Physics, 68*(4), 999-1003.

Zabel-du Bois, A., Milker-Zabel, S., Huber, P., Schlegel, W., & Debus, J. (2006). Pediatric cerebral arteriovenous malformations: The role of stereotactic linac-based radiosurgery. *International Journal of Radiation Oncology, Biology, Physics, 65*(4), 1206-1211.

Zabel-du Bois, A., Milker-Zabel, S., Huber, P., Schlegel, W., & Debus, J. (2006). Linac-based radiosurgery or hypofractionated stereotactic radiotherapy in the treatment of large cerebral arteriovenous malformations. *International Journal of Radiation Oncology, Biology, Physics, 64*(4), 1049-1054.

Zadeh, G., Andrade-Souza, Y. M., Tsao, M. N., Scora, D., Armstrong, D., Humphreys, R., et al. (2007). Pediatric arteriovenous malformation: University of toronto experience using stereotactic radiosurgery. *Child's Nervous System, 23*, 195-199.

Zahra H, Teh BS, Paulino AC, Yoshor D, Trask T, Baskin D, Butler EB. Stereotactic Radiosurgery for Trigeminal Neuralgia Utilizing the BrainLAB Novalis System. *Technol Cancer Res Treat.* 2009 Dec;8(6):407-12. Technol Cancer Res Treat. 2009 Dec;8(6):407-12. *Baylor College of Medicine, Houston*

Zahra, H., Teh, B. S., Paulino, A. C., Yoshor, D., Trask, T., Baskin, D., & Butler, E. B. (2009). Stereotactic radiosurgery for trigeminal neuralgia utilizing the BrainLAB novalis system. *Technology in Cancer Research & Treatment, 8*(6), 407-412.

Zakrzewska, J. M., & Akram, H. (2011). Neurosurgical interventions for the treatment of classical trigeminal neuralgia. *Cochrane Database of Systematic Reviews, 8*

Zeiler, F. A., McDonald, P. J., Kaufmann, A., Fewer, D., Butler, J., Schroeder, G., & West, M. (2011). Gamma knife for cerebral arteriovenous malformations at a single centre. *Canadian Journal of Neurological Sciences, 38*(6), 851-857.

Zeman RJ, Wen X, Ouyang N, Rocchio R, Shih L, Alfieri A, Moorthy C, Etlinger JD. Stereotactic Radiosurgery Improves Locomotor Recovery after Spinal Cord Injury in Rats. *Neurosurgery*. 2008 Nov;63(5):981- 988. *Westchester Medical Center / NY Medical College,Valhalla*

Zesiewicz, T. A., Elble, R., Louis, E. D., Hauser, R. A., Sullivan, K. L., Dewey, R. B.,Jr, . . . Quality Standards Subcommittee of the American Academy of,Neurology. (2005). Practice parameter: Therapies for essential tremor: Report of the quality standards subcommittee of the american academy of neurology. *Neurology, 64*(12), 2008-2020.

Zhang, P., Brisman, R., Choi, J., & Li, X. (2005). Where to locate the isocenter? the treatment strategy for repeat trigeminal neuralgia radiosurgery. *International Journal of Radiation Oncology, Biology, Physics, 62*(1), 38-43.

Zipfel GJ, Bradshaw P, Bova FJ, Friedman WA. Do the morphological characteristics of arteriovenous malformations affect the results of radiosurgery? J Neurosurg. 2004 Sep;101(3):393-401. University of Florida, Gainesville

Zipfel, G. J., Bradshaw, P., Bova, F. J., & Friedman, W. A. (2004). Do the morphological characteristics of arteriovenous malformations affect the results of radiosurgery?. *Journal of Neurosurgery, 101*(3), 393-401.

Sample Size

Abe, M., Tokumaru, S., Tabuchi, K., Kida, Y., Takagi, M., & Imamura, J. (2006). Stereotactic radiation therapy with chemotherapy in the management of recurrent medulloblastomas. *Pediatric Neurosurgery, 42*(2), 81-88.

Agazaryan N, Tenn SE, Desalles AA, Selch MT. Image-guided radiosurgery for spinal tumors: methods, accuracy and patient intrafraction motion. *Phys Med Biol.* 2008 Mar 21;53(6):1715-27. *UCLA, Los Angeles*

Ahn, S. H., Han, M. S., Yoon, J. H., Jeon, S. Y., Kim, C. H., Yoo, H. J., & Lee, J. C. (2009). Treatment of stage I non-small cell lung cancer with CyberKnife, image-guided robotic stereotactic radiosurgery. *Oncology Reports, 21*(3), 693-696.

Akai, T., Okamoto, K., Iizuka, H., Kakinuma, H., & Nojima, T. (2002). Treatments of hamartoma with neuroendoscopic surgery and stereotactic radiosurgery: A case report. *Minimally Invasive Neurosurgery, 45*(4), 235-239.

Al Hamad AA, Hassanain M, Michel RP, Metrakos P, Roberge D. Stereotactic radiotherapy of the liver: a bridge to transplantation stereotactic radiotherapy of the liver: a bridge to transplantation. *Technol Cancer Res Treat.* 2009 Dec;8(6):401-5. *McGill University Health Center, Montreal*

Al Hamad, A. A., Hassanain, M., Michel, R. P., Metrakos, P., & Roberge, D. (2009). Stereotactic radiotherapy of the liver: A bridge to transplantation stereotactic radiotherapy of the liver: A bridge to transplantation. *Technology in Cancer Research & Treatment, 8*(6), 401-405.

Albright, A. L., Hadjipanayis, C. G., Lunsford, L. D., Kondziolka, D., Pollack, I. F., & Adelson, P. D. (2005). Individualized treatment of pediatric craniopharyngiomas. *Childs Nervous System, 21*(8-9), 649-654.

Alonso-Arrizabalaga S, Brualla González L, Roselló Ferrando JV, Pastor Peidro J, López Torrecilla J, Planes Meseguer D, García Hernández T. Prostate Planning Treatment Volume Margin Calculation Based on the ExacTrac X-Ray 6D Image-Guided System: Margins for Various Clinical Implementations, *Int J Radiat Oncol Biol Phys.* 2007 Nov 1, 69(3):936-943. *Hospital General Universitario, Valencia, SP*

Altorjai, G., Fotina, I., Lutgendorf-Caucig, C., Stock, M., Potter, R., Georg, D., & Dieckmann, K. (2012). Cone-beam CT-based delineation of stereotactic lung targets: The influence of image modality and target size on interobserver variability. *International Journal of Radiation Oncology, Biology, Physics, 82*(2), e265-72.

Amendola, B. E., Wolf, A., Coy, S. R., & Amendola, M. A. (2003). Role of radiosurgery in craniopharyngiomas: A preliminary report. *Medical & Pediatric Oncology, 41*(2), 123-127.

Anderson, W.S.M., L. E.; Ford, E.; Rigamonti, D., Fatal case of intracerebral hemorrhage during gamma knife treatment for metastases. Clinical Neurology and Neurosurgery, 2008. 110(8): p. 838-42.

Bae SH, Kim MS, Cho CK, Kang JK, Kang HJ, Kim YH, et al. (2012). High dose stereotactic body radiotherapy using three fractions for colorectal oligometastases. *J Surg Oncol, Feb 1*, [epub ahead of print].

Bahl G, White G, Alksne J, Vemuri L, Spear MA. Focal radiation therapy of brain metastases after complete surgical resection. *Med Oncol.* 2006;23(3):317-24. *University of California at San Diego*

Bahl, G., White, G., Alksne, J., Vemuri, L., & Spear, M. A. (2006). Focal radiation therapy of brain metastases after complete surgical resection. *Medical Oncology, 23*(3), 317-324.

Barajas, M. A., Ramirez-Guzman, G., Rodriguez-Vazquez, C., Toledo-Buenrostro, V., Velasquez-Santana, H., del Robles, R. V., . . . Rodriguez-Hernandez, G. (2002). Multimodal management of craniopharyngiomas: Neuroendoscopy, microsurgery, and radiosurgery. *Journal of Neurosurgery, 97*(5 Suppl), 607-609.

Bari, M. E., Kemeny, A. A., Forster, D. M., & Radatz, M. W. (2003). Radiosurgery for the control of glomus jugulare tumours. *Journal of the Pakistan Medical Association, 53*(4), 147-151.

Barney BM, Olivier KR, Miller RC, Haddock MG. Clinical outcomes and toxicity using Stereotactic Body Radiotherapy (SBRT) for advanced cholangiocarcinoma. Radiat Oncol. 2012 May 3;7:67.

Baumert BG, Villà S, Studer G, Mirimanoff RO, Davis JB, Landau K, Ducrey N, Arruga J, Lambin P, Pica A. Early improvements in vision after fractionated stereotactic radiotherapy for primary optic nerve sheath meningioma. *Radiother Oncol.* 2004 Aug;72(2):169-74. *University Hospital Zurich, SW.*

Baumert, B. G., Norton, I. A., & Davis, J. B. (2003). Intensity-modulated stereotactic radiotherapy vs. stereotactic conformal radiotherapy for the treatment of meningioma located predominantly in the skull base. *International Journal of Radiation Oncology, Biology, Physics, 57*(2), 580-592.

Benzil DL, Saboori M, Mogilner AY, Rocchio R, Moorthy CR. Safety and efficacy of stereotactic radiosurgery for tumors of the spine. *J Neurosurg.* 2004 Nov;101 Suppl 3:413-418. *New York Med College, Valhalla, NY*

Bianchi, L. C., Marchetti, M., Brait, L., Bergantin, A., Milanesi, I., Broggi, G., & Fariselli, L. (2009). Paragangliomas of head and neck: A treatment option with CyberKnife radiosurgery. *Neurological Sciences, 30*(6), 479-485.

Bianciotto, C., Shields, C. L., Lally, S. E., Freire, J., & Shields, J. A. (2010). CyberKnife radiosurgery for the treatment of intraocular and periocular lymphoma. *Archives of Ophthalmology, 128*(12), 1561-1567.

Bignardi M, Navarria P, Mancosu P, Cozzi L, Fogliata A, Tozzi A, Castiglioni S, Carnaghi C, Tronconi MC, Santoro A, Scorsetti M. Clinical Outcome of Hypofractionated Stereotactic Radiotherapy for Abdominal Lymph Node Metastases. *Int J Radiat Oncol Biol Phys.* 2010 Aug 26. *Istituto Clinico Humanitas, Rozzano, Italy*. [Epub ahead of print]

Bignardi, M., Cozzi, L., Fogliata, A., Lattuada, P., Mancosu, P., Navarria, P., et al. (2009). Critical appraisal of volumetric modulated arc therapy in stereotactic body radiation therapy for metastases to abdominal lymph nodes. *International Journal of Radiation Oncology, Biology, Physics, 75*(5), 1570-1577.

Bilsky MH, Yamada Y, Yenice KM, Lovelock M, Hunt M, Gutin PH, Leibel SA. Intensity-modulated stereotactic radiotherapy of paraspinal tumors: a preliminary report. *Neurosurgery*. 2004 Apr;54(4):823-30; discussion 830-1. *Memorial Sloan-Kettering, New York.*

Bishawi, M., Kim, B., Moore, W. H., & Bilfinger, T. V. (2012). Pulmonary function testing after stereotactic body radiotherapy to the lung. *International Journal of Radiation Oncology, Biology, Physics, 82*(1), e107-10.

Biswas T, Sandhu AP, Singh DP, Schell MC, Maciunas RJ, Bakos RS, Muhs AG, Okunieff P. Low-dose radiosurgery for benign intracranial lesions. *Am J Clin Oncol.* 2003 Aug;26(4):325-31. *University of Rochester Medical Center, Rochester, NY*

Bitaraf, M. A., Alikhani, M., Tahsili-Fahadan, P., Motiei-Langroudi, R., Zahiri, A., Allahverdi, M., & Salmanian, S. (2006). Radiosurgery for glomus jugulare tumors: Experience treating 16 patients in iran. *Journal of Neurosurgery, 105*(Suppl), 168-174.

Bodner, W. R., Hilaris, B. S., Alagheband, M., Safai, B., Mastoras, C. A., & Saraf, S. (2003). Use of low-energy X-rays in the treatment of superficial nonmelanomatous skin cancers. *Cancer Investigation, 21*(3), 355-362.

Boethius, J., Ulfarsson, E., Rahn, T., & Lippittz, B. (2002). Gamma knife radiosurgery for pilocytic astrocytomas. *Journal of Neurosurgery, 97*(5 Suppl), 677-680.

Boike TP, Lotan Y, Cho LC, Brindle J, DeRose P, et al. Phase I dose-escalation study of stereotactic body radiation therapy for low- and intermediate-risk prostate cancer, J Clin Oncol. 2011 May 20;29(15):2020-6.

Bolzicco G, Favretto MS, Scremin E, Tambone C, Tasca A, Guglielmi R. Image-guided stereotactic body radiation therapy for clinically localized prostate cancer: preliminary clinical results, Technol Cancer Res Treat. 2010 Oct;9(5):473-7.

Bond, J. E., Smith, V., Yue, N. J., & Knisely, J. P. (2003). Comparison of an image registration technique based on normalized mutual information with a standard method utilizing implanted markers in the staged radiosurgical treatment of large arteriovenous malformations. *International Journal of Radiation Oncology, Biology, Physics, 57*(4), 1150-1158.

Borden, J. A., Tsai, J. S., & Mahajan, A. (2002). Effect of subpixel magnetic resonance imaging shifts on radiosurgical dosimetry for vestibular schwannoma. *Journal of Neurosurgery, 97*(5 Suppl), 445-449.

Bral, S., Gevaert, T., Linthout, N., Versmessen, H., Collen, C., Engels, B., et al. (2011). Prospective, risk-adapted strategy of stereotactic body radiotherapy for early-stage non-small-cell lung cancer: Results of a phase II trial. *International Journal of Radiation Oncology, Biology, Physics, 80*(5), 1343-1349.

Brell, M., Villa, S., Teixidor, P., Lucas, A., Ferran, E., Marin, S., & Acebes, J. J. (2006). Fractionated stereotactic radiotherapy in the treatment of exclusive cavernous sinus meningioma: Functional outcome, local control, and tolerance. *Surgical Neurology, 65*(1), 28-33.

Brown WT, Wu X, Fayad F, et al. Application of robotic stereotactic radiotherapy to peripheral stage I non-small cell lung cancer with curative intent. Clin Oncol (R Coll Radiol) 2009;21:623-631.

Brown, W. T., Fayad, F., Hevezi, J., Fowler, J., Monterroso, M. I., Garcia, S., et al (2011). Individualized higher dose of 70-75[THIN SPACE]gy using five-fraction robotic stereotactic radiotherapy for non-small-cell lung cancer: A feasibility study. *Computer Aided Surgery, 16*(1), 1-10.

Brown, W. T., Wu, X., Amendola, B., Perman, M., Han, H., Fayad, F., et al. (2007). Treatment of early non-small cell lung cancer, stage IA, by image-guided robotic stereotactic radioablation--CyberKnife. *Cancer Journal, 13*(2), 87-94.

Brown, W. T., Wu, X., Fayad, F., Fowler, J. F., Garcia, S., Monterroso, M. I., et al. (2009). Application of robotic stereotactic radiotherapy to peripheral stage I non-small cell lung cancer with curative intent. *Clinical Oncology (Royal College of Radiologists), 21*(8), 623-631.

Bush, M. L., Shinn, J. B., Young, A. B., & Jones, R. O. (2008). Long-term hearing results in gamma knife radiosurgery for acoustic neuromas. *Laryngoscope, 118*(6), 1019-1022.

Caceres, A. (2005). Intracavitary therapeutic options in the management of cystic craniopharyngioma. *Childs Nervous System, 21*(8-9), 705-718.

Castro, D. G., Cecilio, S. A., & Canteras, M. M. (2010). Radiosurgery for pituitary adenomas: Evaluation of its efficacy and safety. *Radiation Oncology, 5*, 109.

Cengiz et al, IJROBP, 2010. Salvage reirradiation with stereotactic body radiotherapy for locally recurrent hand and neck tumors

Chan, M. D., Melhus, C. S., Mignano, J. E., Do-Dai, D., Duker, J. S., & Yao, K. C. (2011). Analysis of visual toxicity after gamma knife radiosurgery for treatment of choroidal melanoma: Identification of multiple targets and mechanisms of toxicity. *American Journal of Clinical Oncology, 34*(5), 517-523.

Chang EL, Wefel JS, Maor MH, Hassenbusch SJ 3rd, Mahajan A, Lang FF, Woo SY, Mathews LA, Allen PK, Shiu AS, Meyers CA. A pilot study of neurocognitive function in patients with one to three new brain metastases initially treated with stereotactic radiosurgery alone. Neurosurgery. 2007 Feb;60(2):277-83; discussion 283-4. MD Anderson Cancer Center, Houston

Chang JY, Balter PA, Dong L, Yang Q, Liao Z, Jeter M, Bucci MK, McAleer MF, Mehran RJ, Roth JA, Komaki R. Stereotactic body radiation therapy in centrally and superiorly located stage I or isolated recurrent non-small-cell lung cancer. *Int J Radiat Oncol Biol Phys*. 2008 Nov 15;72(4):967-71.

Chang, E. L., Wefel, J. S., Maor, M. H., Hassenbusch, S. J.,3rd, Mahajan, A., Lang, F. F., . . . Meyers, C. A. (2007). A pilot study of neurocognitive function in patients with one to three new brain metastases initially treated with stereotactic radiosurgery alone. *Neurosurgery, 60*(2), 277-283.

Chang, P. C., Fischbein, N. J., McCalmont, T. H., Kashani-Sabet, M., Zettersten, E. M., Liu, A. Y., & Weissman, J. L. (2004). Perineural spread of malignant melanoma of the head and neck: Clinical and imaging features. *Ajnr: American Journal of Neuroradiology, 25*(1), 5-11.

Chang, S. D., & Sakamoto, G. T. (2003). The role of radiosurgery for hemangiopericytomas. *Neurosurgical Focus, 14*(5), e14.

Chawla S, Abu-Aita R, Philip A, Lundquist T, Okunieff P, Milano MT. Stereotactic Radiosurgery for Spinal Metastases: Case Report and Review Of Treatment Options. Bone. 2009 Oct;45(4):817-21. University of Rochester Medical Center, Rochester, NY

Chawla S, Chen Y, Katz AW, et al. (2009). Stereotactic body radiotherapy for treatment of adrenal metastases. *Int J Radiat Oncol Biol Phys, 75*(1),71-75.

Chawla, S., Abu-Aita, R., Philip, A., Lundquist, T., Okunieff, P., & Milano, M. T. (2009). Stereotactic radiosurgery for spinal metastases: Case report and review of treatment options. *Bone, 45*(4), 817-821.

Chen F, Matsuo Y, Yoshizawa A, Sato T, Sakai H, Bando T, Okubo K, Shibuya K, Date H. Salvage lung resection for non-small cell lung cancer after stereotactic body radiotherapy in

initially operable patients. *J Thorac Oncol*. 2010 Dec;5(12):1999-2002. *Kyoto University, Kyoto, Japan.*

Chen, F., Matsuo, Y., Yoshizawa, A., Sato, T., Sakai, H., Bando, T., et al. (2010). Salvage lung resection for non-small cell lung cancer after stereotactic body radiotherapy in initially operable patients. *Journal of Thoracic Oncology: Official Publication of the International Association for the Study of Lung Cancer, 5*(12), 1999-2002.

Chen, H., Lohr, F., Fritz, P., Wenz, F., Dobler, B., Lorenz, F., & Muhlnickel, W. (2010). Stereotactic, single-dose irradiation of lung tumors: A comparison of absolute dose and dose distribution between pencil beam and monte carlo algorithms based on actual patient CT scans. *International Journal of Radiation Oncology, Biology, Physics, 78*(3), 955-963.

Chen, M. C., Pan, D. H., Chung, W. Y., Liu, K. D., Yen, Y. S., Chen, M. T., et al. (2011). Gamma knife radiosurgery for central neurocytoma: Retrospective analysis of fourteen cases with a median follow-up period of sixty-five months. *Stereotactic & Functional Neurosurgery, 89*(3), 185-193.

Chen, P. G., Nguyen, J. H., Payne, S. C., Sheehan, J. P., & Hashisaki, G. T. (2010). Treatment of glomus jugulare tumors with gamma knife radiosurgery. *Laryngoscope, 120*(9), 1856-1862.

Chiong, Y., Mulroy, L., Fleetwood, I. G., & Younis, T. (2009). Isolated metastasis to the cerebellopontine angle secondary to breast cancer. *Canadian Journal of Surgery, 52*(5), E213-4.

Choi, B. O., Choi, I. B., Jang, H. S., Kang, Y. N., Jang, J. S., Bae, S. H., et al. (2008). Stereotactic body radiation therapy with or without transarterial chemoembolization for patients with primary hepatocellular carcinoma: Preliminary analysis. *BMC Cancer, 8*, 351.

Choi, C. W., Cho, C. K., Yoo, S. Y., Kim, M. S., Yang, K. M., Yoo, H. J., et al (2009). Image-guided stereotactic body radiation therapy in patients with isolated para-aortic lymph node metastases from uterine cervical and corpus cancer. *International Journal of Radiation Oncology, Biology, Physics, 74*(1), 147-153.

Chopra, R., Morris, C. G., Friedman, W. A., & Mendenhall, W. M. (2005). Radiotherapy and radiosurgery for benign neurofibromas. *American Journal of Clinical Oncology, 28*(3), 317-320.

Chou, C. W., Wu, H. M., Huang, C. I., Chung, W. Y., Guo, W. Y., Shih, Y. H., et al. (2010). Gamma knife surgery for cavernous hemangiomas in the cavernous sinus. *Neurosurgery, 67*(3), 611-616.

Chua, D. T., Sham, J. S., Hung, K. N., Leung, L. H., & Au, G. K. (2006). Predictive factors of tumor control and survival after radiosurgery for local failures of nasopharyngeal carcinoma. *International Journal of Radiation Oncology, Biology, Physics, 66*(5), 1415-1421.

Chua, D. T., Sham, J. S., Kwong, P. W., Hung, K. N., & Leung, L. H. (2003). Linear accelerator-based stereotactic radiosurgery for limited, locally persistent, and recurrent nasopharyngeal carcinoma: Efficacy and complications. *International Journal of Radiation Oncology, Biology, Physics, 56*(1), 177-183.

Chung, W. Y., Shiau, C. Y., Wu, H. M., Liu, K. D., Guo, W. Y., Wang, L. W., & Pan, D. H. (2008). Staged radiosurgery for extra-large cerebral arteriovenous malformations: Method, implementation, and results. *Journal of Neurosurgery, 109*(Suppl), 65-72.

Collins BT, Vahdat S, Erickson K, et al. Radical cyberknife radiosurgery with tumor tracking: an effective treatment for inoperable small peripheral stage I non-small cell lung cancer. J Hematol Oncol 2009;2:1.

Collins, B. T., Erickson, K., Reichner, C. A., Collins, S. P., Gagnon, G. J., Dieterich, S., et al. (2007). Radical stereotactic radiosurgery with real-time tumor motion tracking in the treatment of small peripheral lung tumors. *Radiation Oncology, 2*, 39.

Comet et al, IJROBP, 2012. Salvage stereotactic reirradiation with or without cetuximab for locally recurrent head and neck cancer.

Cornelius, J. F., Sauvaget, E., Huy, P. T., & George, B. (2008). Surgical treatment of facial nerve schwannomas. *Progress in Neurological Surgery, 21*, 119-130. [exclude, sample size (10)]

Couldwell, W. T., Cole, C. D., & Al-Mefty, O. (2007). Patterns of skull base meningioma progression after failed radiosurgery. *Journal of Neurosurgery, 106*(1), 30-35. [exclude, sample size (13)]

Covarelli, P., Cristofani, R., Boselli, C., Servoli, A., Burattini, M. F., Badolato, M., et alG. (2007). Preliminary study on radioguided sentinel node identification in colon cancer. *American Surgeon, 73*(3), 222-226.

Da Silva, A. N., Nagayama, K., Schlesinger, D. J., & Sheehan, J. P. (2009). Gamma knife surgery for brain metastases from gastrointestinal cancer. *Journal of Neurosurgery, 111*(3), 423-430.

Daly, M. E., Choi, C. Y., Gibbs, I. C., Adler, J. R.,Jr, Chang, S. D., Lieberson, R. E., & Soltys, S. G. (2011). Tolerance of the spinal cord to stereotactic radiosurgery: Insights from hemangioblastomas. *International Journal of Radiation Oncology, Biology, Physics, 80*(1), 213-220.

Dassoulas, K., Schlesinger, D., Yen, C. P., & Sheehan, J. (2009). The role of gamma knife surgery in the treatment of skull base chordomas. *Journal of Neuro-Oncology, 94*(2), 243-248.

Davidson, L., Fishback, D., Russin, J. J., Weiss, M. H., Yu, C., Pagnini, P. G., . . . Giannotta, S. L. (2007). Postoperative gamma knife surgery for benign meningiomas of the cranial base. *Neurosurgical Focus, 23*(4), E6.

de Koste JR, Lagerwaard FJ, de Boer HC, Nijssen-Visser MR, Senan S. Are multiple CT scans required for planning curative radiotherapy in lung tumors of the lower lobe? *Int J Radiat Oncol Biol Phys.* 2003 Apr 1;55(5):1394-9. *VU University Medical Center, Amsterdam, NL*

de Pooter, J. A., Wunderink, W., Mendez Romero, A., Storchi, P. R., & Heijmen, B. J. (2007). PTV dose prescription strategies for SBRT of metastatic liver tumours. *Radiotherapy & Oncology, 85*(2), 260-266.

De Salles AA, Pedroso AG, Medin P, Agazaryan N, Solberg T, Cabatan-Awang C, Espinosa DM, Ford J, Selch MT. Spinal lesions treated with Novalis shaped beam intensity-modulated radiosurgery and stereotactic radiotherapy. *J Neurosurg.* 2004 Nov;101 Suppl 3:435-40 *UCLA, Los Angeles*

Degerblad, M., Brismar, K., Rahn, T., & Thoren, M. (2003). The hypothalamus-pituitary function after pituitary stereotactic radiosurgery: Evaluation of growth hormone deficiency. *Journal of Internal Medicine, 253*(4), 454-462. Deinsberger, R., & Tidstrand, J. (2006). LINAC radiosurgery as single treatment in cerebral metastases. *Journal of Neuro-Oncology, 76*(1), 77-83.

Descovich, M., Sneed, P. K., Barbaro, N. M., McDermott, M. W., Chuang, C. F., Barani, I. J., et al. (2010). A dosimetric comparison between gamma knife and CyberKnife treatment plans for trigeminal neuralgia. *Journal of Neurosurgery, 113*(Suppl), 199-206.

Deshmukh, V. R., Smith, K. A., Rekate, H. L., Coons, S., & Spetzler, R. F. (2004). Diagnosis and management of pineocytomas. *Neurosurgery, 55*(2), 349-355.

Dewan, S., & Noren, G. (2008). Retreatment of vestibular schwannomas with gamma knife surgery. *Journal of Neurosurgery, 109*(Suppl), 144-148.

Dhanachai, M., Kraiphibul, P., Dangprasert, S., Puataweepong, P., Narkwong, L., Laothamatas, J., et al. (2007). Fractionated stereotactic radiotherapy in residual or recurrent nasopharyngeal carcinoma. *Acta Oncologica, 46*(6), 828-833.

Dillman, R.O.N., A. A.; Williams, S. T.; Kim, R. B.; Hafer, R. L.; Coleman, C. L.; Wang, P. C.; Duma, C. M.; Chen, P. V.; Selvan, S. R.; Cornforth, A. N.; DePriest, C., Durable complete response of refractory, progressing metastatic melanoma after treatment with a patient-specific vaccine. Cancer Biother Radiopharm, 2010. 25(5): p. 553-7.

Ding, C., Chang, C. H., Haslam, J., Timmerman, R., & Solberg, T. (2010). A dosimetric comparison of stereotactic body radiation therapy techniques for lung cancer: Robotic versus conventional linac-based systems. *Journal of Applied Clinical Medical Physics, 11*(3), 3223.

Do, L., Pezner, R., Radany, E., Liu, A., Staud, C., & Badie, B. (2009). Resection followed by stereotactic radiosurgery to resection cavity for intracranial metastases. *International Journal of Radiation Oncology, Biology, Physics, 73*(2), 486-491.

Dodd, R. L., Ryu, M. R., Kamnerdsupaphon, P., Gibbs, I. C., Chang, S. D.,Jr, & Adler, J. R.,Jr. (2006). CyberKnife radiosurgery for benign intradural extramedullary spinal tumors. *Neurosurgery, 58*(4), 674-685.

Douglas, J. G., Goodkin, R., & Laramore, G. E. (2008). Gamma knife stereotactic radiosurgery for salivary gland neoplasms with base of skull invasion following neutron radiotherapy. *Head & Neck, 30*(4), 492-496.

Douglas, J. G., Silbergeld, D. L., & Laramore, G. E. (2004). Gamma knife stereotactic radiosurgical boost for patients treated primarily with neutron radiotherapy for salivary gland neoplasms. *Stereotactic & Functional Neurosurgery, 82*(2-3), 84-89.

Ducic, Y. (2004). Orbitozygomatic resection of meningiomas of the orbit. *Laryngoscope, 114*(1), 164-170.

Dunlap, N. E., Larner, J. M., Read, P. W., Kozower, B. D., Lau, C. L., Sheng, K., & Jones, D. R. (2010). Size matters: A comparison of T1 and T2 peripheral non-small-cell lung cancers treated with stereotactic body radiation therapy (SBRT). *Journal of Thoracic & Cardiovascular Surgery, 140*(3), 583-589.

Eldebawy, E., Parker, W., Abdel Rahman, W., & Freeman, C. R. (2012). Dosimetric study of current treatment options for radiotherapy in retinoblastoma. *International Journal of Radiation Oncology, Biology, Physics, 82*(3), e501-5.

Eldebawy, E., Patrocinio, H., Evans, M., Hashem, R., Nelson, S., Sidi, R., & Freeman, C. (2010). Stereotactic radiotherapy as an alternative to plaque brachytherapy in retinoblastoma. *Pediatric Blood & Cancer, 55*(6), 1210-1212.

Elliott, R. E., & Wisoff, J. H. (2009). Successful surgical treatment of craniopharyngioma in very young children. *Journal of Neurosurgery.Pediatrics, 3*(5), 397-406.

Elshaikh, M. A., Mahmoud-Ahmed, A. S., Kinney, S. E., Wood, B. G., Lee, J. H., Barnett, G. H., & Suh, J. H. (2002). Recurrent head-and-neck chemodectomas: A comparison of surgical and radiotherapeutic results. *International Journal of Radiation Oncology, Biology, Physics, 52*(4), 953-956.

Eom, K.S.K., D. W.; Kim, T. Y., Diffuse craniospinal metastases of intraventricular rhabdoid papillary meningioma with glial fibrillary acidic protein expression: a case report. Clinical Neurology and Neurosurgery, 2009. 111(7): p. 619-23.

Ernst-Stecken A, Ganslandt O, Lambrecht U, Sauer R, Grabenbauer G. Survival and quality of life after hypofractionated stereotactic radiotherapy for recurrent malignant glioma. *J Neurooncol*. 2007 Feb;81(3):287- 94. *University of Erlangen, Erlangen, Germany*

Ernst-Stecken A, Lambrecht U, Mueller R, Ganslandt O, Sauer R, Grabenbauer G. Dose escalation in large anterior skull-base tumors by means of IMRT. First experience with

the Novalis system. *Strahlenther Onkol*. 2006 Mar;182(3):183-9. *University Hospital of Erlangen-Nuremberg, Erlangen, DE*

Ernst-Stecken A, Lambrecht U, Mueller R, Sauer R, Grabenbauer G. Hypofractionated stereotactic radiotherapy for primary and secondary intrapulmonary tumors: first results of a phase I/II study. *Strahlenther Onkol*. 2006 Dec;182(12):696-702. *University of Erlangen-Nuremberg, Erlangen, Germany*

Escalante Vazquez, R. (2006). Combining radiosurgery and captek restorations: Case reports. *Dentistry Today, 25*(4), 98-100.

Eustacchio, S., Trummer, M., Unger, F., Schrottner, O., Sutter, B., & Pendl, G. (2002). The role of gamma knife radiosurgery in the management of glomus jugular tumours. *Acta Neurochirurgica - Supplement, 84*, 91-97.

Ewing, M. M., Desrosiers, C., Fakiris, A. J., DeBliek, C. R., Kiszka, D. N., Stinson, E. R., et al. (2011). Conformality study for stereotactic radiosurgery of the lung. *Medical Dosimetry : Official Journal of the American Association of Medical Dosimetrists, 36*(1), 14-20.

Fadul, C. E., Kominsky, A. L., Meyer, L. P., Kingman, L. S., Kinlaw, W. B., Rhodes, C. H., . . . Simmons, N. E. (2006). Long-term response of pituitary carcinoma to temozolomide. report of two cases. *Journal of Neurosurgery, 105*(4), 621-626.

Fakiris, A. J., Lo, S. S., Henderson, M. A., Witt, T. C., Worth, R. M., Danis, R. P., . . . Timmerman, R. D. (2007). Gamma-knife-based stereotactic radiosurgery for uveal melanoma. *Stereotactic & Functional Neurosurgery, 85*(2-3), 106-112.

Feigenberg SJ, Mendenhall WM, Hinerman RW, Amdur RJ, Friedman WA, Antonelli PJ. Radiosurgery for paraganglioma of the temporal bone. *Head Neck*. 2002 Apr;24(4):384-9. *University of Florida, Gainesville*

Feigenberg, S. J., Mendenhall, W. M., Hinerman, R. W., Amdur, R. J., Friedman, W. A., & Antonelli, P. J. (2002). Radiosurgery for paraganglioma of the temporal bone. *Head & Neck, 24*(4), 384-389.

Feigl, G. C., & Horstmann, G. A. (2006). Intracranial glomus jugulare tumors: Volume reduction with gamma knife surgery. *Journal of Neurosurgery, 105*(Suppl), 161-167. Ferreira, M. A., Feiz-Erfan, I., Zabramski, J. M., Spetzler, R. F., Coons, S. W., & Preul, M. C. (2002). Endolymphatic sac tumor: Unique features of two cases and review of the literature. *Acta Neurochirurgica, 144*(10), 1047-1053.

Feigl, G. C., Bundschuh, O., Gharabaghi, A., Safavi-Abassi, S., El Shawarby, A., Samii, M., & Horstmann, G. A. (2005). Evaluation of a new concept for the management of skull base chordomas and chondrosarcomas. *Journal of Neurosurgery, 102*(Suppl), 165-170.

Fields EC, Damek D, Gaspar LE, Liu AK, Kavanagh BD, Waziri A, Lillehei K, Chen C. Phase I Dose Escalation Trial of Vandetanib With Fractionated Radiosurgery in Patients With

Recurrent Malignant Gliomas. *Int J Radiat Oncol Biol Phys.* 2010 Oct 29. *University of Colorado, Aurora* [Epub ahead of print]

Fields, E. C., Damek, D., Gaspar, L. E., Liu, A. K., Kavanagh, B. D., Waziri, A., . . . Chen, C. (2012). Phase I dose escalation trial of vandetanib with fractionated radiosurgery in patients with recurrent malignant gliomas. *International Journal of Radiation Oncology, Biology, Physics, 82*(1), 51-57.

Filingeri, V., Gravante, G., & Cassisa, D. (2005). Physics of radiofrequency in proctology. *European Review for Medical & Pharmacological Sciences, 9*(6), 349-354.

Flannery, T., Kano, H., Martin, J. J., Niranjan, A., Flickinger, J. C., Lunsford, L. D., & Kondziolka, D. (2009). Boost radiosurgery as a strategy after failure of initial management of pediatric primitive neuroectodermal tumors. *Journal of Neurosurgery.Pediatrics, 3*(3), 205-210.

Flannery, T., Kano, H., Niranjan, A., Monaco, E. A.,3rd, Flickinger, J. C., Lunsford, L. D., & Kondziolka, D. (2010). Stereotactic radiosurgery as a therapeutic strategy for intracranial metastatic prostate carcinoma. *Journal of Neuro-Oncology, 96*(3), 369-374.

Flannery, T.K., H.; Niranjan, A.; Monaco, E. A., 3rd; Flickinger, J. C.; Lunsford, L. D.; Kondziolka, D., Stereotactic radiosurgery as a therapeutic strategy for intracranial metastatic prostate carcinoma. Journal of Neuro-Oncology, 2010. 96(3): p. 369-74.

Fogliata A, Yartsev S, Nicolini G, Clivio A, Vanetti E, Wyttenbach R, Bauman G, Cozzi L. On the performances of Intensity Modulated Protons, RapidArc and Helical Tomotherapy for selected paediatric cases. *Radiat Oncol.* 2009 Jan 14;4:2. *Oncology Institute of Southern Switzerland, Bellinzona, SZ*

Foote, M., Millar, B. A., Sahgal, A., Menard, C., Payne, D., Mason, W., & Laperriere, N. (2010). Clinical outcomes of adult patients with primary intracranial germinomas treated with low-dose craniospinal radiotherapy and local boost. *Journal of Neuro-Oncology, 100*(3), 459-463.

Forander, P., Rahn, T., Kihlstrom, L., Ulfarsson, E., & Mathiesen, T. (2006). Combination of microsurgery and gamma knife surgery for the treatment of intracranial chondrosarcomas. *Journal of Neurosurgery, 105*(Suppl), 18-25.

Fotina, I., Kragl, G., Kroupa, B., Trausmuth, R., & Georg, D. (2011). Clinical comparison of dose calculation using the enhanced collapsed cone algorithm vs. a new monte carlo algorithm. *Strahlentherapie Und Onkologie, 187*(7), 433-441.

Fowler BZ, Crocker IR, Johnstone PA. Perineural spread of cutaneous malignancy to the brain: a review of the literature and five patients treated with stereotactic radiotherapy. *Cancer*. 2005 May 15;103(10):2143-53. *Emory University School of Medicine, Atlanta*

Fowler, B. Z., Crocker, I. R., & Johnstone, P. A. (2005). Perineural spread of cutaneous malignancy to the brain: A review of the literature and five patients treated with stereotactic radiotherapy. *Cancer, 103*(10), 2143-2153. [exclude, sample size (5)]

Francis, C. L., Nalley, C., Fan, C., Bodenner, D., & Stack, B. C.,Jr. (2012). 18F-fluorodeoxyglucose and 131I radioguided surgical management of thyroid cancer. *Otolaryngology - Head & Neck Surgery, 146*(1), 26-32.

Franks, K. N., Purdie, T. G., Dawson, L. A., Bezjak, A., Jaffray, D. A., & Bissonnette, J. P. (2010). Incorporating heterogeneity correction and 4DCT in lung stereotactic body radiation therapy (SBRT): The effect on target coverage, organ-at-risk doses, and dose conformity. *Medical Dosimetry, 35*(2), 101-107.

Freeman D, King C. (2011). Stereotactic body radiotherapy for low-risk prostate cancer: Five-year outcomes. Radiation Oncology. 6(3).

Freeman, D. E., & King, C. R. (2011). Stereotactic body radiotherapy for low-risk prostate cancer: Five-year outcomes. *Radiation Oncology, 6*, 3.

Fuentes, S., Arkha, Y., Pech-Gourg, G., Grisoli, F., Dufour, H., & Regis, J. (2008). Management of large vestibular schwannomas by combined surgical resection and gamma knife radiosurgery. *Progress in Neurological Surgery, 21*, 79-82.

Fuller DB, Naitoh J et al. Virtual HDR CyberKnife Treatment for Localized Prostatic Carcinoma: Dosimetry Comparison With HDR Brachytherapy and Preliminary Clinical Observation. *International Journal of Radiation Oncology Biology Physics* 70(5),1588-97, 2007

Fuller, D. B., Naitoh, J., Lee, C., Hardy, S., & Jin, H. (2008). Virtual HDR CyberKnife treatment for localized prostatic carcinoma: Dosimetry comparison with HDR brachytherapy and preliminary clinical observations. *International Journal of Radiation Oncology, Biology, Physics, 70*(5), 1588-1597.

Fuss, M., Salter, B. J., Caron, J. L., Vollmer, D. G., & Herman, T. S. (2005). Intensity-modulated radiosurgery for childhood arteriovenous malformations. *Acta Neurochirurgica, 147*(11), 1141-1149.

Fuss, M., Shi, C., & Papanikolaou, N. (2006). Tomotherapeutic stereotactic body radiation therapy: Techniques and comparison between modalities. *Acta Oncologica, 45*(7), 953-960.

Gagnon, G. J., Henderson, F. C., Gehan, E. A., Sanford, D., Collins, B. T., Moulds, J. C., & Dritschilo, A. (2007). Cyberknife radiosurgery for breast cancer spine metastases: A matched-pair analysis. *Cancer, 110*(8), 1796-1802. Gallina, P., Francescon, P., Cavedon, C., Casamassima, F., Mungai, R., Perrini, P., . . . Di Lorenzo, N. (2002). Stereotactic interstitial radiosurgery with a miniature X-ray device in the minimally invasive treatment of selected tumors in the thalamus and the basal ganglia. *Stereotactic & Functional Neurosurgery, 79*(3-4), 202-213.

Galloway, T. J., Indelicato, D. J., Amdur, R. J., Swanson, E. L., Morris, C. G., & Marcus, R. B. (2011). Favorable outcomes of pediatric patients treated with radiotherapy to the central nervous system who develop radiation-induced meningiomas. *International Journal of Radiation Oncology, Biology, Physics, 79*(1), 117-120.

Ganapathy, K., Shankarnarayanan, V., Saji, Padmanabhan, T. K., & Halbe, S. (2003). Obliteration of giant corpus callosum AVM with linac based stereotactic radiosurgery. *Journal of Clinical Neuroscience, 10*(2), 272-276.

Ganz, J. C., & Abdelkarim, K. (2009). Glomus jugulare tumours: Certain clinical and radiological aspects observed following gamma knife radiosurgery. *Acta Neurochirurgica, 151*(5), 423-426.

Genc, A., Bicer, A., Abacioglu, U., Peker, S., Pamir, M. N., & Kilic, T. (2010). Gamma knife radiosurgery for the treatment of glomus jugulare tumors. *Journal of Neuro-Oncology, 97*(1), 101-108.

Germanwala, A. V., Mai, J. C., Tomycz, N. D., Niranjan, A., Flickinger, J. C., Kondziolka, D., & Lunsford, L. D. (2008). Boost gamma knife surgery during multimodality management of adult medulloblastoma. *Journal of Neurosurgery, 108*(2), 204-209.

Germanwala, A.V.M., J. C.; Tomycz, N. D.; Niranjan, A.; Flickinger, J. C.; Kondziolka, D.; Lunsford, L. D., Boost Gamma Knife surgery during multimodality management of adult medulloblastoma. Journal of Neurosurgery, 2008. 108(2): p. 204-9.

Gerszten, P. C., & Monaco, E. A.,3rd. (2009). Complete percutaneous treatment of vertebral body tumors causing spinal canal compromise using a transpedicular cavitation, cement augmentation, and radiosurgical technique. *Neurosurgical Focus, 27*(6), E9.

Gerszten, P. C., Ozhasoglu, C., Burton, S. A., Vogel, W. J., Atkins, B. A., Kalnicki, S., & Welch, W. C. (2003). CyberKnife frameless single-fraction stereotactic radiosurgery for benign tumors of the spine. *Neurosurgical Focus, 14*(5), e16.

Gerszten, P. C., Ozhasoglu, C., Burton, S. A., Welch, W. C., Vogel, W. J., Atkins, B. A., & Kalnicki, S. (2003). CyberKnife frameless single-fraction stereotactic radiosurgery for tumors of the sacrum. *Neurosurgical Focus, 15*(2), E7.

Giller, C. A., Berger, B. D., Fink, K., & Bastian, E. (2007). A volumetric study of CyberKnife hypofractionated stereotactic radiotherapy as salvage for progressive malignant brain tumors: Initial experience. *Neurological Research, 29*(6), 563-568.

Goldman, M., Boxerman, J. L., Rogg, J. M., & Noren, G. (2006). Utility of apparent diffusion coefficient in predicting the outcome of gamma knife-treated brain metastases prior to changes in tumor volume: A preliminary study. *Journal of Neurosurgery, 105*(Suppl), 175-182.

Goldman, M.B., J. L.; Rogg, J. M.; Noren, G., Utility of apparent diffusion coefficient in predicting the outcome of Gamma Knife-treated brain metastases prior to changes in tumor volume: a preliminary study. Journal of Neurosurgery, 2006. 105 Suppl: p. 175-82.

Goodman KA, Wiegner EA, Maturen KE, et al. (2010). Dose-escalation study of singlefraction stereotactic body radiotherapy for liver malignancies. *Int J Radiat Oncol Biol Phys, 78*(2),486-493.

Gopalan, R., Schlesinger, D., Vance, M. L., Laws, E., & Sheehan, J. (2011). Long-term outcomes after gamma knife radiosurgery for patients with a nonfunctioning pituitary adenoma. *Neurosurgery, 69*(2), 284-293.

Goyal, S., Prasad, D., Harrell, F.,Jr, Matsumoto, J., Rich, T., & Steiner, L. (2005). Gamma knife surgery for the treatment of intracranial metastases from breast cancer. *Journal of Neurosurgery, 103*(2), 218-223.

Goyal, S.P., Dheerendra; Harrell, Frank, Jr.; Matsumoto, Julie; Rich, Tyvin; Steiner, Ladislau, Gamma knife surgery for the treatment of intracranial metastases from breast cancer. Journal of neurosurgery, 2005. 103(2): p. 218-23.

Guckenberger, M., Bachmann, J., Wulf, J., Mueller, G., Krieger, T., Baier, K., . . . Flentje, M. (2010). Stereotactic body radiotherapy for local boost irradiation in unfavourable locally recurrent gynaecological cancer. *Radiotherapy & Oncology, 94*(1), 53-59.

Guckenberger, M., Wulf, J., Mueller, G., Krieger, T., Baier, K., Gabor, M., . . . Flentje, M. (2009). Dose-response relationship for image-guided stereotactic body radiotherapy of pulmonary tumors: Relevance of 4D dose calculation. *International Journal of Radiation Oncology, Biology, Physics, 74*(1), 47-54.

Gunven P, Blomgren H, Lax I. Radiosurgery for recurring liver metastases after hepatectomy. *Hepatogastroenterology*. 2003 Sep-Oct;50(53):1201-4. *Karolinska, SW*

Guo, W. Y., Pan, H. C., Wu, H. M., Hsieh, W. A., Tsai, M. H., Chow, Y. M., . . . Chang, W. P. (2004). Individuals' leukocyte DNA double-strand break repair as an indicator of radiosurgery responses for cerebral arteriovenous malformations. *Journal of Radiation Research, 45*(2), 269-274.

Guthikonda, B., Theodosopoulos, P. V., van Loveren, H., Tew, J. M.,Jr, & Pensak, M. L. (2008). Evolution in the assessment and management of trigeminal schwannoma. *Laryngoscope, 118*(2), 195-203.

Haas, A., Pinter, O., Papaefthymiou, G., Weger, M., Berghold, A., Schrottner, O., . . . Langmann, G. (2002). Incidence of radiation retinopathy after high-dosage single-fraction gamma knife radiosurgery for choroidal melanoma. *Ophthalmology, 109*(5), 909-913.

Haasbeek CJ, Lagerwaard FJ, de Jaeger K, Slotman BJ, Senan S. Outcomes of stereotactic radiotherapy for a new clinical stage I lung cancer arising postpneumonectomy. *Cancer*. 2009 Feb 1;115(3):587-94. *Vrije University Medical Center, Amsterdam, The Netherlands*

Habermann, W.Z., U.; Groell, R.; Wolf, G.; Stammberger, H.; Sutter, B.; Pendl, G., Combination of surgery and gamma knife radiosurgery--a therapeutic option for patients with tumors of nasal cavity or paranasal sinuses infiltrating the skull base. Acta otorhinolaryngologica Italica, 2002. 22(2): p. 74-9.

Hadjipanayis, C. G., Niranjan, A., Tyler-Kabara, E., Kondziolka, D., Flickinger, J. C., & Lunsford, L. D. (2002). Stereotactic radiosurgery for well-circumscribed fibrillary grade II astrocytomas: An initial experience. *Stereotactic & Functional Neurosurgery, 79*(1), 13-24.

Hafez, R. F., Morgan, M. S., & Fahmy, O. M. (2010). The safety and efficacy of gamma knife surgery in management of glomus jugulare tumor. *World Journal of Surgical Oncology, 8*, 76.

Hamm KD, Gross MW, Fahrig A, Surber G, Henzel M, Kleinert G, Grabenbauer GG, Engenhart-Cabillic R. Stereotactic radiotherapy for the treatment of nonacoustic schwannomas. *Neurosurgery*. 2008 May;62(5 Suppl):A29-36 *Helios Klinikum Erfurt, Erfurt, Germany*

Han SR, Yoon SW, Yee GT, Choi CY, Sohn MJ, Lee DJ, Whang CJ. Novalis radiosurgery of optic gliomas in children: preliminary report. *Pediatr Neurosurg*. 2007;43(4):251-7. *Inje University, Goyang, KR*

Han, J. H., Kim, D. G., Chung, H. T., Kim, C. Y., Park, C. K., Chung, Y. S., . . . Jung, H. W. (2010). Radiosurgery for brain metastasis from advanced gastric cancer. *Acta Neurochirurgica, 152*(4), 605-610.

Han, K., Cheung, P., Basran, P. S., Poon, I., Yeung, L., & Lochray, F. (2010). A comparison of two immobilization systems for stereotactic body radiation therapy of lung tumors. *Radiotherapy & Oncology, 95*(1), 103-108.

Han, S. R., Yoon, S. W., Yee, G. T., Choi, C. Y., Sohn, M. J., Lee, D. J., & Whang, C. J. (2007). Novalis radiosurgery of optic gliomas in children: Preliminary report. *Pediatric Neurosurgery, 43*(4), 251-257.

Hara, M., Aoyagi, M., Yamamoto, M., Maehara, T., Takada, Y., Nojiri, T., & Ohno, K. (2003). Rapid shrinkage of remnant central neurocytoma after gamma knife radiosurgery: A case report. *Journal of Neuro-Oncology, 62*(3), 269-273.

Harel, R., Chao, S., Krishnaney, A., Emch, T., Benzel, E. C., & Angelov, L. (2010). Spine instrumentation failure after spine tumor resection and radiation: Comparing conventional radiotherapy with stereotactic radiosurgery outcomes. *World Neurosurgery, 74*(4-5), 517-522.

Hasegawa, T., Kondziolka, D., Hadjipanayis, C. G., Flickinger, J. C., & Lunsford, L. D. (2002). The role of radiosurgery for the treatment of pineal parenchymal tumors. *Neurosurgery, 51*(4), 880-889.

Haselsberger, K., Maier, T., Dominikus, K., Holl, E., Kurschel, S., Ofner-Kopeinig, P., & Unger, F. (2009). Staged gamma knife radiosurgery for large critically located benign meningiomas: Evaluation of a series comprising 20 patients. *Journal of Neurology, Neurosurgery & Psychiatry, 80*(10), 1172-1175.

Hashizume, C., Mori, Y., Kobayashi, T., Shibamoto, Y., Nagai, A., & Hayashi, N. (2010). Stereotactic radiotherapy using novalis for craniopharyngioma adjacent to optic pathways. *Journal of Neuro-Oncology, 98*(2), 239-247.

Hasney, C. P., Swanton, R. G., & Friedlander, P. L. (2010). CyberKnife stereotactic radiosurgery for recurrent squamous cell carcinoma of the head and neck following salvage surgery with close or positive margins. *Laryngoscope, 120*(Suppl 4), S152.

Hayashi, M., et al., "Donut's Shape" Radiosurgical Treatment Planning for Large Cystic Metastatic Brain Tumors. Minimally Invasive Neurosurgery, 2011. 54(5-6): p. 286-9.

Hayashi, M., Taira, T., Chernov, M., Fukuoka, S., Liscak, R., Yu, C. P., . . . Hori, T. (2002). Gamma knife surgery for cancer pain-pituitary gland-stalk ablation: A multicenter prospective protocol since 2002. *Journal of Neurosurgery, 97*(5 Suppl), 433-437.

Hayashi, M., Taira, T., Chernov, M., Izawa, M., Liscak, R., Yu, C. P., . . . Takakura, K. (2003). Role of pituitary radiosurgery for the management of intractable pain and potential future applications. *Stereotactic & Functional Neurosurgery, 81*(1-4), 75-83.

Head, J. F., & Elliott, R. L. (2009). Stereotactic radiofrequency ablation: A minimally invasive technique for nonpalpable breast cancer in postmenopausal patients. *Cancer Epidemiology, 33*(3-4), 300-305.

Heinzerling JH, Anderson JF, Papiez L, Boike T, Chien S, Zhang G, Abdulrahman R, Timmerman R. Fourdimensional computed tomography scan analysis of tumor and organ motion at varying levels of abdominal compression during stereotactic treatment of lung and liver. *Int J Radiat Oncol Biol Phys*. 2008 Apr 1;70(5):1571-8. *University of Texas Southwestern Medical Center, Dallas*

Henderson, M. A., Fakiris, A. J., Timmerman, R. D., Worth, R. M., Lo, S. S., & Witt, T. C. (2009). Gamma knife stereotactic radiosurgery for low-grade astrocytomas. *Stereotactic & Functional Neurosurgery, 87*(3), 161-167.

Henderson, M. A., Hoopes, D. J., Fletcher, J. W., Lin, P. F., Tann, M., Yiannoutsos, C. T., . . . Timmerman, R. D. (2010). A pilot trial of serial 18F-fluorodeoxyglucose positron emission tomography in patients with medically inoperable stage I non-small-cell lung cancer treated with hypofractionated stereotactic body radiotherapy. *International Journal of Radiation Oncology, Biology, Physics, 76*(3), 789-795.

Henzel, M., Hamm, K., Gross, M. W., Surber, G., Kleinert, G., Failing, T., . . . Engenhart-Cabillic, R. (2007). Fractionated stereotactic radiotherapy of glomus jugulare tumors. local control, toxicity, symptomatology, and quality of life. *Strahlentherapie Und Onkologie, 183*(10), 557-562.

Heron, D. E., Ferris, R. L., Karamouzis, M., Andrade, R. S., Deeb, E. L., Burton, S., . . . Lai, S. Y. (2009). Stereotactic body radiotherapy for recurrent squamous cell carcinoma of the head and neck: Results of a phase I dose-escalation trial. *International Journal of Radiation Oncology, Biology, Physics, 75*(5), 1493-1500.

Herrera, E. J., Viano, J. C., Gomez, J. M., Surur, A., & Suarez, J. C. (2007). Interstitial stereotactic radiosurgery of pilocytic astrocytomas in paediatric patients. *Acta Neurochirurgica, 149*(9), 887-896. Hillard, V. H., Shih, L. L., Chin, S., Moorthy, C. R., & Benzil, D. L. (2003). Safety of multiple stereotactic radiosurgery treatments for multiple brain lesions. *Journal of Neuro-Oncology, 63*(3), 271-278.

Higaki, N.S., I.; Hayashi, N.; Nakano, K.; Murakami, M.; Hayashida, H.; Kan, K.; Ichihara, T.; Aizawa, N.; Saito, N.; Niju, T.; Ikeda, T.; Sakon, M., [Advanced lung cancer with mediastinal lymph node metastasis and recurrence of brain metastasis completely responsive to combination chemotherapy and gamma knife radiosurgery--a case report]. Gan to Kagaku Ryoho, 2009. 36(12): p. 2111-3.

Hirschbein, M. J., Collins, S., Jean, W. C., Chang, S. D., & Adler, J. R.,Jr. (2008). Treatment of intraorbital lesions using the accuray CyberKnife system. *Orbit, 27*(2), 97-105.

Hirth, A., Pedersen, P. H., Baardsen, R., Larsen, J. L., Krossnes, B. K., & Helgestad, J. (2003). Gamma-knife radiosurgery in pediatric cerebral and skull base tumors. *Medical & Pediatric Oncology, 40*(2), 99-103.

Hocht, S., Stark, R., Seiler, F., Heufelder, J., Bechrakis, N. E., Cordini, D., . . . Hinkelbein, W. (2005). Proton or stereotactic photon irradiation for posterior uveal melanoma? A planning intercomparison. *Strahlentherapie Und Onkologie, 181*(12), 783-788.

Hof, H., Hoess, A., Oetzel, D., Debus, J., & Herfarth, K. (2007). Stereotactic single-dose radiotherapy of lung metastases. *Strahlentherapie Und Onkologie, 183*(12), 673-678.

Hof, H., Muenter, M., Oetzel, D., Hoess, A., Debus, J., & Herfarth, K. (2007). Stereotactic single-dose radiotherapy (radiosurgery) of early stage nonsmall-cell lung cancer (NSCLC). *Cancer, 110*(1), 148-155.

Holt, A., van Vliet-Vroegindeweij, C., Mans, A., Belderbos, J. S., & Damen, E. M. (2011). Volumetric-modulated arc therapy for stereotactic body radiotherapy of lung tumors: A comparison with intensity-modulated radiotherapy techniques. *International Journal of Radiation Oncology, Biology, Physics, 81*(5), 1560-1567.

Holy, R., Piroth, M., Pinkawa, M., & Eble, M. J. (2011). Stereotactic body radiation therapy (SBRT) for treatment of adrenal gland metastases from non-small cell lung cancer. *Strahlentherapie Und Onkologie, 187*(4), 245-251.

Hoppe, B. S., Huh, S., Flampouri, S., Nichols, R. C., Oliver, K. R., Morris, C. G., . . . Li, Z. (2010). Double-scattered proton-based stereotactic body radiotherapy for stage I lung cancer: A dosimetric comparison with photon-based stereotactic body radiotherapy. *Radiotherapy & Oncology, 97*(3), 425-430.

Hormozi, A. K., Ghazisaidi, M. R., & Hosseini, S. N. (2010). Unusual presentation of peripheral primitive neuroectodermal tumor of the maxilla. *Journal of Craniofacial Surgery, 21*(6), 1761-1763.

Hormozi, A.K.G., M. R.; Hosseini, S. N., Unusual presentation of peripheral primitive neuroectodermal tumor of the maxilla. Journal of Craniofacial Surgery, 2010. 21(6): p. 1761-3.

Hoybye, C., & Rahn, T. (2009). Adjuvant gamma knife radiosurgery in non-functioning pituitary adenomas; low risk of long-term complications in selected patients. *Pituitary, 12*(3), 211-216.

Hsu F, Carolan H, Nichol A, Cao F, Nuraney N, Lee R, Gete E, Wong F, Schmuland M, Heran M, Otto K. Whole Brain Radiotherapy with Hippocampal Avoidance and Simultaneous Integrated Boost for 1-3 Brain Metastases: A Feasibility Study Using Volumetric Modulated Arc Therapy. *Int J Radiat Oncol Biol Phys.* 2010 Apr;76(5):1480-5 *BC Cancer Agency, Vancouver, British Columbia*

Huang, X., Zhang, R., & Zhou, L. F. (2009). Diagnosis and treatment of intracranial immature teratoma. *Pediatric Neurosurgery, 45*(5), 354-360.

Huffmann, B. C., Reinacher, P. C., & Gilsbach, J. M. (2005). Gamma knife surgery for atypical meningiomas. *Journal of Neurosurgery, 102*(Suppl), 283-286.

Ibarra, Rojas, Snyder, Yao, Fabien, Milano, Katz, Goodman, Stephans, El-Gazzaz, Aucejo, Miller, Fung, Lo, Machtay and Sanabria, Multicenter results of stereotactic body radiotherapy (SBRT) for non-resectable primary liver tumors. Journal/Acta Oncol, 2012

Inoue, H. K. (2005). Low-dose radiosurgery for large vestibular schwannomas: Long-term results of functional preservation. *Journal of Neurosurgery, 102*(Suppl), 111-113.

Inoue, H. K. (2009). Other skull-base tumors. *Progress in Neurological Surgery, 22*, 112-121.

Inoue, T., Katoh, N., Aoyama, H., Onimaru, R., Taguchi, H., Onodera, S., . . . Shirato, H. (2010). Clinical outcomes of stereotactic brain and/or body radiotherapy for patients with oligometastatic lesions. *Japanese Journal of Clinical Oncology, 40*(8), 788-794.

Ito, E., Saito, K., Okada, T., Nagatani, T., & Nagasaka, T. (2010). Long-term control of clival chordoma with initial aggressive surgical resection and gamma knife radiosurgery for recurrence. *Acta Neurochirurgica, 152*(1), 57-67.

Ivanov, P., Chernov, M., Hayashi, M., Nakaya, K., Izawa, M., Murata, N., . . . Takakura, K. (2008). Low-dose gamma knife radiosurgery for cavernous sinus hemangioma: Report of 3 cases and literature review. *Minimally Invasive Neurosurgery, 51*(3), 140-146.

Iwai, Y., & Yamanaka, K. (2009). Gamma knife radiosurgery for other primary intra-axial tumors. *Progress in Neurological Surgery, 22*, 129-141.

Iwai, Y., Yamanaka, K., & Ishiguro, T. (2003). Gamma knife radiosu rgery for the treatment of cavernous sinus meningiomas. *Neurosurgery, 52*(3), 517-524.

Iwai, Y., Yamanaka, K., & Ishiguro, T. (2003). Surgery combined with radiosurgery of large acoustic neuromas. *Surgical Neurology, 59*(4), 283-289.

Iwai, Y., Yamanaka, K., Honda, Y., & Matsusaka, Y. (2004). Radiosurgery for pituitary metastases. *Neurologia Medico-Chirurgica, 44*(3), 112-116.

Iwai, Y., Yamanaka, K., Yamagata, K., & Yasui, T. (2007). Surgery after radiosurgery for acoustic neuromas: Surgical strategy and histological findings. *Neurosurgery, 60*(2 Suppl 1), ONS75-82.

Iwai, Y., Yamanaka, K., Yoshimura, M., Kawasaki, I., Yamagami, K., & Yoshioka, K. (2010). Gamma knife radiosurgery for growth hormone-producing adenomas. *Journal of Clinical Neuroscience, 17*(3), 299-304.

Iwai, Y.Y., K.; Honda, Y.; Matsusaka, Y., Radiosurgery for Pituitary Metastases. Neurologia medico-chirurgica, 2004. 44(3): p. 112-116.

Iwata H, Shibamoto Y, Hashizume C, Mori Y, Kobayashi T, Hayashi N, Kosaki K, Ishikawa T, Kuzuya T, Utsunomiya S. Hypofractionated stereotactic body radiotherapy for primary and metastatic liver tumors using the novalis image-guided system: preliminary results regarding efficacy and toxicity. *Technol Cancer Res Treat.* 2010 Dec;9(6):619-27.*Nagoya City University Graduate School of Medical Sciences, Nagoya, JP*

Izawa, M., Chernov, M., Hayashi, M., Iseki, H., Hori, T., & Takakura, K. (2009). Combined management of intracranial arteriovenous malformations with embolization and gamma knife radiosurgery: Comparative evaluation of the long-term results. *Surgical Neurology, 71*(1), 43-52.

Jabbari, S., Weinberg, V. K., Kaprealian, T., Hsu, I. C., Ma, L., Chuang, C., . . . Gottschalk, A. R. (2012). Stereotactic body radiotherapy as monotherapy or post-external beam radiotherapy boost for prostate cancer: Technique, early toxicity, and PSA response. *International Journal of Radiation Oncology, Biology, Physics, 82*(1), 228-234.

Jagannathan, J., Bourne, T. D., Schlesinger, D., Yen, C. P., Shaffrey, M. E., Laws, E. R.,Jr, & Sheehan, J. P. (2010). Clinical and pathological characteristics of brain metastasis resected after failed radiosurgery. *Neurosurgery, 66*(1), 208-217.

Jagannathan, J.B., T. D.; Schlesinger, D.; Yen, C. P.; Shaffrey, M. E.; Laws, E. R., Jr.; Sheehan, J. P., Clinical and pathological characteristics of brain metastasis resected after failed radiosurgery. Neurosurgery, 2010. 66(1): p. 208-17.

Jensen RL, Wendland MM, Chern SS, Shrieve DC. Novalis intensity-modulated radiosurgery: methods for pretreatment planning. *Neurosurgery*. 2008 May;62(5 Suppl):A2-10. *University of Utah Health Sciences Center, Salt Lake City*

Jensen, R. L., Jensen, P. R., Shrieve, A. F., Hazard, L., & Shrieve, D. C. (2010). Overall and progression-free survival and visual and endocrine outcomes for patients with parasellar lesions treated with intensity-modulated stereotactic radiosurgery. *Journal of Neuro-Oncology, 98*(2), 221-231.

Jeon, S., Lee, N. Y., & Park, C. K. (2010). Neovascular glaucoma following stereotactic radiosurgery for an optic nerve glioma: A case report. *Korean Journal of Ophthalmology, 24*(4), 252-255.

Jereczek-Fossa, B. A., Fariselli, L., Beltramo, G., Catalano, G., Serafini, F., Garibaldi, C., . . . Orecchia, R. (2009). Linac-based or robotic image-guided stereotactic radiotherapy for isolated lymph node recurrent prostate cancer. *Radiotherapy & Oncology, 93*(1), 14-17.

Jiang, R., Liu, Z., & Zhu, C. (2002). Preliminary exploration of the clinical effect of bleomycin on craniopharyngiomas. *Stereotactic & Functional Neurosurgery, 78*(2), 84-94.

Joyner, M., Salter, B. J., Papanikolaou, N., & Fuss, M. (2006). Stereotactic body radiation therapy for centrally located lung lesions. *Acta Oncologica, 45*(7), 802-807.

Julow, J., Viola, A., & Major, T. (2006). Review of radiosurgery of pineal parenchymal tumors. long survival following 125-iodine brachytherapy of pineoblastomas in 2 cases. *Minimally Invasive Neurosurgery, 49*(5), 276-281.

Kadoya, N., Obata, Y., Kato, T., Kagiya, M., Nakamura, T., Tomoda, T., . . . Fuwa, N. (2011). Dose-volume comparison of proton radiotherapy and stereotactic body radiotherapy for non-small-cell lung cancer. *International Journal of Radiation Oncology, Biology, Physics, 79*(4), 1225-1231.

Kan P, Liu JK, Wendland MM, Shrieve D, Jensen RL. Peritumoral edema after stereotactic radiosurgery for intracranial meningiomas and molecular factors that predict its development. *J Neurooncol*. 2007 May;83(1):33-8. *University of Utah, Salt Lake City*

Kan, P., Liu, J. K., Wendland, M. M., Shrieve, D., & Jensen, R. L. (2007). Peritumoral edema after stereotactic radiosurgery for intracranial meningiomas and molecular factors that predict its development. *Journal of Neuro-Oncology, 83*(1), 33-38.

Kang JK, Cho CK, Choi CQ, Yoo SY, Kim MS, Yang KM, et al. Image-guided stereotactic body radiation therapy for localized prostate cancer.*Tumori, 97,* 43-48.

Kano, H., Kondziolka, D., Niranjan, A., Flannery, T. J., Flickinger, J. C., & Lunsford, L. D. (2010). Repeat stereotactic radiosurgery for acoustic neuromas. *International Journal of Radiation Oncology, Biology, Physics, 76*(2), 520-527.

Kano, H., Niranjan, A., Kondziolka, D., Flickinger, J. C., & Lunsford, L. D. (2009). Stereotactic radiosurgery for pituitary metastases. *Surgical Neurology, 72*(3), 248-255.

Kano, H., Niranjan, A., Mongia, S., Kondziolka, D., Flickinger, J. C., & Lunsford, L. D. (2008). The role of stereotactic radiosurgery for intracranial hemangioblastomas. *Neurosurgery, 63*(3), 443-450.

Kano, H., Takahashi, J. A., Katsuki, T., Araki, N., Oya, N., Hiraoka, M., & Hashimoto, N. (2007). Stereotactic radiosurgery for atypical and anaplastic meningiomas. *Journal of Neuro-Oncology, 84*(1), 41-47.

Kano, H.N., A.; Kondziolka, D.; Flickinger, J. C.; Lunsford, L. D., Stereotactic radiosurgery for pituitary metastases. Surgical Neurology, 2009. 72(3): p. 248-55; discussion 255-6.

Karabagli, H., Genc, A., Karabagli, P., Abacioglu, U., Seker, A., & Kilic, T. (2010). Outcomes of gamma knife treatment for solid intracranial hemangioblastomas. *Journal of Clinical Neuroscience, 17*(6), 706-710.

Karampelas, I., Alberico, R. A., Plunkett, R. J., & Fenstermaker, R. A. (2007). Intratumoral hemorrhage after remote subtotal microsurgical resection and gamma knife radiosurgery for vestibular schwannoma. *Acta Neurochirurgica, 149*(3), 313-316.

Karampelas, I., Podgorsak, M. B., Plunkett, R. J., & Fenstermaker, R. A. (2008). Subthalamic nucleus metastasis causing hemichorea-hemiballism treated by gamma knife stereotactic radiosurgery. *Acta Neurochirurgica, 150*(4), 395-396.

Katona, G., Csakanyi, Z., Lorincz, A., & Gerlinger, I. (2008). Bilateral submandibular duct relocation by high-frequency radiosurgery. *European Archives of Oto-Rhino-Laryngology, 265*(9), 1103-1108.

Kaushal, A., & Curran, W. J.,Jr. (2009). For whom the bell's palsy tolls?. *American Journal of Clinical Oncology, 32*(4), 450-451.

Kavanagh BD, Schefter TE, Cardenes HR, Stieber VW, Raben D, Timmerman RD, McCarter MD, Burri S, Nedzi LA, Sawyer TE, Gaspar LE. Interim analysis of a prospective phase I/II trial of SBRT for liver metastases. *Acta Oncol.* 2006;45(7):848-55. *University of Colorado Health Sciences Center, Aurora*

Kelly P, Balter PA, Rebueno N, Sharp HJ, Liao Z, Komaki R, Chang JY. Stereotactic body radiation therapy for patients with lung cancer previously treated with thoracic radiation. *Int J*

Radiat Oncol Biol Phys. 2010 Dec 1;78(5):1387-93. *The University of Texas M. D. Anderson Cancer Center, Houston*

Kelly, P., Balter, P. A., Rebueno, N., Sharp, H. J., Liao, Z., Komaki, R., & Chang, J. Y. (2010). Stereotactic body radiation therapy for patients with lung cancer previously treated with thoracic radiation. *International Journal of Radiation Oncology, Biology, Physics, 78*(5), 1387-1393.

Kelsey, C. R., Schefter, T., Nash, S. R., Russ, P., Baron, A. E., Zeng, C., & Gaspar, L. E. (2005). Retrospective clinicopathologic correlation of gross tumor size of hepatocellular carcinoma: Implications for stereotactic body radiotherapy. *American Journal of Clinical Oncology, 28*(6), 576-580.

Kenai, H., Yamashita, M., Nakamura, T., Asano, T., Sainoh, M., & Nagatomi, H. (2005). Tolerance dose in gamma knife surgery of lesions extending to the anterior visual pathway. *Journal of Neurosurgery, 102*(Suppl), 230-233.

Keshavarzi S, Meltzer H, Ben-Haim S, Benjamin Newman C, D Lawson J, Levy ML, Murphy K. Initial clinical experience with frameless optically guided stereotactic radiosurgery/radiotherapy in pediatric patients. *Childs Nerv Syst*. 2009 Jul;25(7):837-44. *University of California, San Diego, San Diego*

Keshavarzi, S., Meltzer, H., Ben-Haim, S., Newman, C. B., Lawson, J. D., Levy, M. L., & Murphy, K. (2009). Initial clinical experience with frameless optically guided stereotactic radiosurgery/radiotherapy in pediatric patients. *Childs Nervous System, 25*(7), 837-844.

Khan, A. A., Niranjan, A., Kano, H., Kondziolka, D., Flickinger, J. C., & Lunsford, L. D. (2009). Stereotactic radiosurgery for cavernous sinus or orbital hemangiomas. *Neurosurgery, 65*(5), 914-918.

Kida, Y., Yoshimoto, M., & Hasegawa, T. (2007). Radiosurgery for facial schwannoma. *Journal of Neurosurgery, 106*(1), 24-29.

Killory, B. D., Kresl, J. J., Wait, S. D., Ponce, F. A., Porter, R., & White, W. L. (2009). Hypofractionated CyberKnife radiosurgery for perichiasmatic pituitary adenomas: Early results. *Neurosurgery, 64*(2 Suppl), A19-25.

Kim, C. H., Chung, S. K., Dhong, H. J., & Lee, J. I. (2008). Cerebrospinal fluid leakage after gamma knife radiosurgery for skull base metastasis from renal cell carcinoma: A case report. *Laryngoscope, 118*(11), 1925-1927.

Kim, C. Y., Paek, S. H., Jeong, S. S., Chung, H. T., Han, J. H., Park, C. K., . . . Kim, D. G. (2007). Gamma knife radiosurgery for central neurocytoma: Primary and secondary treatment. *Cancer, 110*(10), 2276-2284.

Kim, I. Y., Kondziolka, D., Niranjan, A., Flickinger, J. C., & Lunsford, L. D. (2008). Gamma knife surgery for schwannomas originating from cranial nerves III, IV, and VI. *Journal of Neurosurgery, 109*(Suppl), 149-153.

Kim, I.Y.K., D.; Niranjan, A.; Flickinger, J. C.; Lunsford, L. D., Gamma knife radiosurgery for metastatic brain tumors from thyroid cancer. Journal of Neuro-Oncology, 2009. 93(3): p. 355-9.

Kim, J. W., Kim, D. G., Chung, H. T., Paek, S. H., Kim, Y. H., Han, J. H., . . . Jung, H. W. (2010). Gamma knife stereotactic radiosurgery for intracranial hemangiopericytomas. *Journal of Neuro-Oncology, 99*(1), 115-122.

Kim, J. Y., Kay, C. S., Kim, Y. S., Jang, J. W., Bae, S. H., Choi, J. Y., et al. (2009). Helical tomotherapy for simultaneous multitarget radiotherapy for pulmonary metastasis. *International Journal of Radiation Oncology, Biology, Physics, 75*(3), 703-710.

Kim, M. S., Cho, C. K., Yang, K. M., Lee, D. H., Moon, S. M., & Shin, Y. J. (2009). Stereotactic body radiotherapy for isolated paraaortic lymph node recurrence from colorectal cancer. *World Journal of Gastroenterology, 15*(48), 6091-6095.

Kim, M. S., Park, K., Kim, J. H., Kim, Y. D., & Lee, J. I. (2008). Gamma knife radiosurgery for orbital tumors. *Clinical Neurology & Neurosurgery, 110*(10), 1003-1007.

Kim, S. H., Chao, S. T., Toms, S. A., Vogelbaum, M. A., Barnett, G. H., Suh, J. H., & Weil, R. J. (2008). Stereotactic radiosurgical treatment of parenchymal brain metastases from prostate adenocarcinoma. *Surgical Neurology, 69*(6), 641-646.

Kim, T. J., Song, S., Kim, C. K., Kim, W. Y., Choi, C. H., Lee, J. H., . . . Kim, B. G. (2007). Prognostic factors associated with brain metastases from epithelial ovarian carcinoma. *International Journal of Gynecological Cancer, 17*(6), 1252-1257.

Kim, Y. T., Kang, S. W., & Lee, J. I. (2011). Gamma knife radiosurgery for choroidal hemangioma. *International Journal of Radiation Oncology, Biology, Physics, 81*(5), 1399-1404.

Kimura, T., Sako, K., Tohyama, Y., Aizawa, S., Yoshida, H., Aburano, T., . . . Tanaka, T. (2003). Diagnosis and treatment of progressive space-occupying radiation necrosis following stereotactic radiosurgery for brain metastasis: Value of proton magnetic resonance spectroscopy. *Acta Neurochirurgica, 145*(7), 557-564.

King C, Brooks, et al. Stereotactic Body Radiotherapy for Localized Prostate Cancer: Interim Results of a Prospective Phase II Clinical Trial. *International Journal of Radiation Oncology Biology Physics*, 73(4):1043-1048 (2009).

King, C. R., Brooks, J. D., Gill, H., Pawlicki, T., Cotrutz, C., & Presti, J. C.,Jr. (2009). Stereotactic body radiotherapy for localized prostate cancer: Interim results of a prospective phase II clinical trial. *International Journal of Radiation Oncology, Biology, Physics, 73*(4), 1043-1048.

Koga, T., Shin, M., & Saito, N. (2010). Treatment with high marginal dose is mandatory to achieve long-term control of skull base chordomas and chondrosarcomas by means of stereotactic radiosurgery. *Journal of Neuro-Oncology, 98*(2), 233-238.

Kong, D. S., Lee, J. I., & Kang, S. W. (2007). Gamma knife radiosurgery for choroidal hemangioma. *American Journal of Ophthalmology, 144*(2), 319-322.

Kong, D. S., Nam, D. H., Lee, J. I., Park, K., & Kim, J. H. (2006). Preservation of quality of life by preradiotherapy stereotactic radiosurgery for unresectable glioblastoma multiforme. *Journal of Neurosurgery, 105*(Suppl), 139-143.

Koong, A. C., Christofferson, E., Le, Q. T., Goodman, K. A., Ho, A., Kuo, T., . . . Yang, G. P. (2005). Phase II study to assess the efficacy of conventionally fractionated radiotherapy followed by a stereotactic radiosurgery boost in patients with locally advanced pancreatic cancer. *International Journal of Radiation Oncology, Biology, Physics, 63*(2), 320-323.

Kopek, N., Holt, M. I., Hansen, A. T., & Hoyer, M. (2010). Stereotactic body radiotherapy for unresectable cholangiocarcinoma. *Radiotherapy & Oncology, 94*(1), 47-52.

Kopp, C., Theodorou, M., Poullos, N., Jacob, V., Astner, S. T., Molls, M., & Grosu, A. L. (2012). Tumor shrinkage assessed by volumetric MRI in long-term follow-up after fractionated stereotactic radiotherapy of nonfunctioning pituitary adenoma. *International Journal of Radiation Oncology, Biology, Physics, 82*(3), 1262-1267.

Korah, M. P., Nowlan, A. W., Johnstone, P. A., & Crocker, I. R. (2010). Radiation therapy alone for imaging-defined meningiomas. *International Journal of Radiation Oncology, Biology, Physics, 76*(1), 181-186.

Korreman SS, Pedersen AN, Nøttrup TJ, Specht L, Nyström H. Breathing adapted radiotherapy for breast cancer: comparison of free breathing gating with the breath-hold technique. *Radiother Oncol.* 2005 Sep; 76(3):311-8. *Rigshospitalet, Copenhagen, DE*

Kriminski SA, Lovelock DM, Seshan VE, Ali I, Munro P, Amols HI, Fuks Z, Bilsky M, Yamada Y. Comparison of kilovoltage cone-beam computed tomography with megavoltage projection pairs for paraspinal radiosurgery patient alignment and position verification. Int J Radiat Oncol Biol Phys. 2008 Aug 1;71(5):1572-80. Memorial Sloan-Kettering Cancer Center, New York

Kriminski, S. A., Lovelock, D. M., Seshan, V. E., Ali, I., Munro, P., Amols, H. I., . . . Yamada, Y. (2008). Comparison of kilovoltage cone-beam computed tomography with megavoltage projection pairs for paraspinal radiosurgery patient alignment and position verification. *International Journal of Radiation Oncology, Biology, Physics, 71*(5), 1572-1580.

Krishnamurthy, S.N.-M., A.; Maitz, A., Gamma Knife radiosurgery for occipital condyle metastasis. Clin Transl Oncol, 2009. 11(9): p. 622-4.

Kulik, C., Caudrelier, J. M., Vermandel, M., Castelain, B., Maouche, S., & Rousseau, J. (2002). Conformal radiotherapy optimization with micromultileaf collimators: Comparison with radiosurgery techniques. *International Journal of Radiation Oncology, Biology, Physics, 53*(4), 1038-1050.

Kumar, T., Rakowski, J., Zhao, B., Alkhafaji, M., Burmeister, J., Austin, T., & Vlachaki, M. (2010). Helical TomoTherapy versus sterotactic gamma knife radiosurgery in the treatment of single and multiple brain tumors: A dosimetric comparison. *Journal of Applied Clinical Medical Physics, 11*(4), 3245.

Kunert, P., Matyja, E., Janowski, M., & Marchel, A. (2009). Rapid growth of small, asymptomatic meningioma following radiosurgery. *British Journal of Neurosurgery, 23*(2), 206-208.

Kung, S. W., Wu, V. W., Kam, M. K., Leung, S. F., Yu, B. K., Ngai, D. Y., . . . Chan, A. T. (2011). Dosimetric comparison of intensity-modulated stereotactic radiotherapy with other stereotactic techniques for locally recurrent nasopharyngeal carcinoma. *International Journal of Radiation Oncology, Biology, Physics, 79*(1), 71-79.

Kunos C, von Grueigen V, Waggoner S, Brindle J, Zhang Y, Myers B, et al. (2008). Cyberknife radiosurgery for squamous cell carcinoma of vulva after prior pelvic radiation therapy. *Technol Cancer Res Treat, 7*(5), 375-80.

Kuo YH, Roos D, Brophy BP. Linear accelerator radiosurgery for treatment of vestibular schwannomas in neurofibromatosis 2. *J Clin Neurosci*. 2008 Jul;15(7):744-8., *Royal Adelaide Hospital, North Terrace, Adelaide, AU*

Kuo, Y. H., Roos, D., & Brophy, B. P. (2008). Linear accelerator radiosurgery for treatment of vestibular schwannomas in neurofibromatosis 2. *Journal of Clinical Neuroscience, 15*(7), 744-748.

Kuroda, H., Kashimura, H., Ogasawara, K., Sugawara, A., Sasoh, M., Arai, H., & Ogawa, A. (2009). Malignant intracranial meningioma with spinal metastasis--case report. *Neurologia Medico-Chirurgica, 49*(6), 258-261.

Kurt, G., Tonge, M., Borcek, A. O., Karahacioglu, E., Gurel, O., Baykaner, K., . . . Aykol, S. (2010). Fractionated gamma knife radiosurgery for optic nerve tumors: A technical report. *Turkish Neurosurgery, 20*(2), 241-246.

Kwon, A. K., Dibiase, S. J., Wang, B., Hughes, S. L., Milcarek, B., & Zhu, Y. (2009). Hypofractionated stereotactic radiotherapy for the treatment of brain metastases. *Cancer, 115*(4), 890-898.

Kwon, J. H., Bae, S. H., Kim, J. Y., Choi, B. O., Jang, H. S., Jang, J. W., . . . Chung, K. W. (2010). Long-term effect of stereotactic body radiation therapy for primary hepatocellular carcinoma ineligible for local ablation therapy or surgical resection. stereotactic radiotherapy for liver cancer. *BMC Cancer, 10*, 475.

Kwon, K. H., Lee, J. I., Hong, S. C., Seo, D. W., & Hong, S. B. (2006). Gamma knife radiosurgery for epilepsy related to dysembryoplastic neuroepithelial tumor. *Stereotactic & Functional Neurosurgery, 84*(5-6), 243-247.

Lagerwaard FJ, van der Hoorn EA, Verbakel WF, Haasbeek CJ, Slotman BJ, Senan S. Whole-Brain Radiotherapy With Simultaneous Integrated Boost to Multiple Brain Metastases Using Volumetric Modulated Arc Therapy. *Int J Radiat Oncol Biol Phys.* 2009 Sep 1;75(1):253-9. *VU University Medical Center, Amsterdam, The Netherlands*

Langmann, G., Pendl, G., Mullner, K., Feichtinger, K. H., & Papaefthymiouaf, G. (2002). High- compared with low-dose radiosurgery for uveal melanomas. *Journal of Neurosurgery, 97*(5 Suppl), 640-643.

Lee, C. C., Yen, Y. S., Pan, D. H., Chung, W. Y., Wu, H. M., Guo, W. Y., . . . Shih, Y. H. (2010). Delayed microsurgery for vestibular schwannoma after gamma knife radiosurgery. *Journal of Neuro-Oncology, 98*(2), 203-212.

Lee, M., Kalani, M. Y., Cheshier, S., Gibbs, I. C., Adler, J. R., & Chang, S. D. (2008). Radiation therapy and CyberKnife radiosurgery in the management of craniopharyngiomas. *Neurosurgical Focus, 24*(5), E4.

Lee, N., Millender, L. E., Larson, D. A., Wara, W. M., McDermott, M. W., Kaplan, M. J., & Sneed, P. K. (2003). Gamma knife radiosurgery for recurrent salivary gland malignancies involving the base of skull. *Head & Neck, 25*(3), 210-216.

Lee, T. F., Chao, P. J., Wang, C. Y., Lan, J. H., Huang, Y. J., Hsu, H. C., et al. (2011). Dosimetric comparison of helical tomotherapy and dynamic conformal arc therapy in stereotactic radiosurgery for vestibular schwannomas. *Medical Dosimetry : Official Journal of the American Association of Medical Dosimetrists, 36*(1), 62-70.

Lee, Y. K., Park, N. H., Kim, J. W., Song, Y. S., Kang, S. B., & Lee, H. P. (2008). Gamma-knife radiosurgery as an optimal treatment modality for brain metastases from epithelial ovarian cancer. *Gynecologic Oncology, 108*(3), 505-509.

Lee, Y., Park, N., Kim, J. W., Song, Y., Kang, S., & Lee, H. (2008). Gamma-knife radiosurgery as an optimal treatment modality for brain metastases from epithelial ovarian cancer. *Gynecologic Oncology, 108*(3), 505-509.

Lekovic, G. P., Gonzalez, L. F., Shetter, A. G., Porter, R. W., Smith, K. A., Brachman, D., & Spetzler, R. F. (2007). Role of gamma knife surgery in the management of pineal region tumors. *Neurosurgical Focus, 23*(6), E12.

Leung, G. K., Lopes, M. B., Thorner, M. O., Vance, M. L., & Laws, E. R.,Jr. (2004). Primary hypophysitis: A single-center experience in 16 cases. *Journal of Neurosurgery, 101*(2), 262-271.

Leung, T. W., Wong, V. Y., & Tung, S. Y. (2009). Stereotactic radiotherapy for locally recurrent nasopharyngeal carcinoma. *International Journal of Radiation Oncology, Biology, Physics, 75*(3), 734-741.

Levin, K. J., Youssef, E. F., Sloan, A. E., Patel, R., Zabad, R. K., & Zamorano, L. (2002). Gamma knife radiosurgery in patients with advanced breast cancer undergoing bone marrow transplant. *Journal of Neurosurgery, 97*(5 Suppl), 663-665.

Levin, K.J.Y., Emad F.; Sloan, Andrew E.; Patel, Rajiv; Zabad, Rana K.; Zamorano, Lucia,Gamma knife radiosurgery in patients with advanced breast cancer undergoing bone marrow transplant. Journal of neurosurgery, 2002. 97(5Suppl): p. 663-5.

Lim, M., Bower, R., Nangiana, J. S., Adler, J. R., & Chang, S. D. (2007). Radiosurgery for glomus jugulare tumors. *Technology in Cancer Research & Treatment, 6*(5), 419-423.

Lim, M., Gibbs, I. C., Adler, J. R.,Jr, & Chang, S. D. (2004). Efficacy and safety of stereotactic radiosurgery for glomus jugulare tumors. *Neurosurgical Focus, 17*(2), E11.

Lim, M., Gibbs, I. C., Adler, J. R.,Jr, Martin, D. P., & Chang, S. D. (2003). The efficacy of linear accelerator stereotactic radiosurgery in treating glomus jugulare tumors. *Technology in Cancer Research & Treatment, 2*(3), 261-265.

Limb, C. J., Long, D. M., & Niparko, J. K. (2005). Acoustic neuromas after failed radiation therapy: Challenges of surgical salvage. *Laryngoscope, 115*(1), 93-98.

Limbrick, D. D.,Jr, Lusis, E. A., Chicoine, M. R., Rich, K. M., Dacey, R. G., Dowling, J. L., . . . Simpson, J. R. (2009). Combined surgical resection and stereotactic radiosurgery for treatment of cerebral metastases. *Surgical Neurology, 71*(3), 280-288.

Lin YC, Wang CC, Wai YY, Wan YL, Ng SH, Chen YL, Liu HL, Wang JJ. Significant Temporal Evolution of Diffusion Anisotropy for Evaluating Early Response to Radiosurgery in Patients with Vestibular Schwannoma: Findings from Functional Diffusion Maps. *AJNR Am J Neuroradiol*. 2010 Feb;31(2):269-74. *Chang Gung University, Taiwan, Republic of China*.

Lin, Y. C., Wang, C. C., Wai, Y. Y., Wan, Y. L., Ng, S. H., Chen, Y. L., . . . Wang, J. J. (2010). Significant temporal evolution of diffusion anisotropy for evaluating early response to radiosurgery in patients with vestibular schwannoma: Findings from functional diffusion maps. *Ajnr: American Journal of Neuroradiology, 31*(2), 269-274.

Litre, C. F., Gourg, G. P., Tamura, M., Mdarhri, D., Touzani, A., Roche, P. H., & Regis, J. (2007). Gamma knife surgery for facial nerve schwannomas. *Neurosurgery, 60*(5), 853-859.

Low, J. S., Chua, E. T., Gao, F., & Wee, J. T. (2006). Stereotactic radiosurgery plus intracavitary irradiation in the salvage of nasopharyngeal carcinoma. *Head & Neck, 28*(4), 321-329.

Lu, H., Yao, M., Anderson, K., & Buatti, J. (2008). Optically guided stereotactic radiotherapy for lacrimal sac tumors: A report on two cases. *Technology in Cancer Research & Treatment, 7*(1), 35-40.

Maarouf, M., Voges, J., Landwehr, P., Bramer, R., Treuer, H., Kocher, M., . . . Sturm, V. (2003). Stereotactic linear accelerater-based radiosurgery for the treatment of patients with glomus jugulare tumors. *Cancer, 97*(4), 1093-1098.

Macdonald, O. K., Kruse, J. J., Miller, J. M., Garces, Y. I., Brown, P. D., Miller, R. C., & Foote, R. L. (2009). Proton beam radiotherapy versus three-dimensional conformal stereotactic body radiotherapy in primary peripheral, early-stage non-small-cell lung carcinoma: A comparative dosimetric analysis. *International Journal of Radiation Oncology, Biology, Physics, 75*(3), 950-958.

Macfarlane, R. G., Galloway, M., Plowman, P. N., & Thomas, D. G. (2005). A highly vascular intracranial solitary fibrous tumor treated with radiotherapy and toremifene: Case report. *Neurosurgery, 56*(6), E1378.

Madsen BL, Hsi RA, Pham HT, Fowler JF, Esagui L, Corman J Int J Radiat Oncol Biol Phys. 2007 Mar 15;67(4):1099-105. Stereotactic hypofractionated accurate radiotherapy of the prostate (SHARP), 33.5 Gy in five fractions for localized disease: first clinical trial results. *Int J Radiat Oncol Biol Phys*. 2007 Mar 15;67(4):1099-105, *Virginia Mason Medical Center, Seattle* Exlcude: sample size

Madsen BL, Hsi RA, Pham HT, Presser J, Esagui L, Corman J, Myers L, Jones D. Intrafractional stability of the prostate using a stereotactic radiotherapy technique. *Int J Radiat Oncol Biol Phys.* 2003 Dec 1;57(5):1285-91. *Virginia Mason Medical Center, Seattle, WA*

Mahadevan, A., Floyd, S., Wong, E., Chen, C., & Kasper, E. (2011). Clinical outcome after hypofractionated stereotactic radiotherapy (HSRT) for benign skull base tumors. *Computer Aided Surgery, 16*(3), 112-120.

Mahadevan, A., Jain, S., Goldstein, M., Miksad, R., Pleskow, D., Sawhney, M., . . . Vollmer, C. (2010). Stereotactic body radiotherapy and gemcitabine for locally advanced pancreatic cancer. *International Journal of Radiation Oncology, Biology, Physics, 78*(3), 735-742.

Maity, A., Shu, H. K., Tan, J. E., Ruffer, J., Sutton, L. N., Tochner, Z., & Lustig, R. (2004). Treatment of pediatric intracranial arteriovenous malformations with linear-accelerator-based stereotactic radiosurgery: The university of pennsylvania experience. *Pediatric Neurosurgery, 40*(5), 207-214.

Mansur, D. B., Drzymala, R. E., Rich, K. M., Klein, E. E., & Simpson, J. R. (2004). The efficacy of stereotactic radiosurgery in the management of intracranial ependymoma. *Journal of Neuro-Oncology, 66*(1-2), 187-190.

Marko, N. F., Angelov, L., Toms, S. A., Suh, J. H., Chao, S. T., Vogelbaum, M. A., et al. (2010). Stereotactic radiosurgery as single-modality treatment of incidentally identified renal cell carcinoma brain metastases. *World Neurosurgery, 73*(3), 186-193.

Martin, J. J., Niranjan, A., Kondziolka, D., Flickinger, J. C., Lozanne, K. A., & Lunsford, L. D. (2007). Radiosurgery for chordomas and chondrosarcomas of the skull base. *Journal of Neurosurgery, 107*(4), 758-764.

Martin, J. M., Katati, M., Lopez, E., Bullejos, J. A., Arregui, G., Busquier, H., . . . Arjona, V. (2003). Linear accelerator radiosurgery in treatment of central neurocytomas. *Acta Neurochirurgica, 145*(9), 749-754.

Maruyama, K., Kamada, K., Shin, M., Itoh, D., Masutani, Y., Ino, K., . . . Saito, N. (2007). Optic radiation tractography integrated into simulated treatment planning for gamma knife surgery. *Journal of Neurosurgery, 107*(4), 721-726.

Matsuda, R.M., Y.; Takeshima, Y.; Kimura, R.; Iida, J.; Nakamura, M.; Mishima, H.; Park, Y. S.; Hirabayashi, H.; Nakase, H.; Sakai, T., [A case of brain metastasis of renal pelvic carcinoma]. No Shinkei Geka. Neurological Surgery, 2009. 37(2): p. 179-82.

Matsumoto, H., Takeda, T., Kohno, K., Yamaguchi, Y., Kohno, K., Takechi, A., . . . Sasaki, U. (2006). Delayed hemorrhage from completely obliterated arteriovenous malformation after gamma knife radiosurgery. *Neurologia Medico-Chirurgica, 46*(4), 186-190.

Matsumoto, Y., Horiike, S., Fujimoto, Y., Shimizu, D., Kudo-Nakata, Y., Kimura, S., . . . Taniwaki, M. (2007). Effectiveness and limitation of gamma knife radiosurgery for relapsed central nervous system lymphoma: A retrospective analysis in one institution. *International Journal of Hematology, 85*(4), 333-337.

Matsunaga, S., Shuto, T., Suenaga, J., Inomori, S., & Fujino, H. (2010). Gamma knife radiosurgery for central neurocytomas. *Neurologia Medico-Chirurgica, 50*(2), 107-112.

Matthiesen, C., Martin, A., Algan, O., Bogardus, C.,Jr, Ahmad, S., Herman, T., & Thompson, S. (2011). Linear accelerator based intracranial and extracranial stereotactic radiation therapy at the university of oklahoma. *Journal - Oklahoma State Medical Association, 104*(3), 94-98.

Mattozo, C. A., De Salles, A. A., Klement, I. A., Gorgulho, A., McArthur, D., Ford, J. M., . . . Selch, M. T. (2007). Stereotactic radiation treatment for recurrent nonbenign meningiomas. *Journal of Neurosurgery, 106*(5), 846-854.

McClelland S 3rd, Higgins PD, Gerbi BJ, Orner JB, Hall WA. Fractionated stereotactic radiotherapy for pituitary adenomas following microsurgical resection: safety and efficacy. *Technol Cancer Res Treat.* 2007 Jun;6(3):177-80. *University of Minnesota Medical School, Minneapolis*

McClelland, S.,3rd, Tendulkar, R. D., Barnett, G. H., Neyman, G., & Suh, J. H. (2006). Long-term results of radiosurgery for refractory cluster headache. *Neurosurgery, 59*(6), 1258-1262.

McGarry RC, Papiez L, Williams M, Whitford T, Timmerman RD. Stereotactic body radiation therapy of early- stage non-small-cell lung carcinoma: phase I study. *Int J Radiat Oncol Biol Phys*. 2005 Nov 15;63(4):1010-5. *Indiana University, Indianapolis*

Mendez Romero, A., Verheij, J., Dwarkasing, R. S., Seppenwoolde, Y., Redekop, W. K., Zondervan, P. E., . . . Verhoef, C. (2012). Comparison of macroscopic pathology measurements with magnetic resonance imaging and assessment of microscopic pathology extension for colorectal liver metastases. *International Journal of Radiation Oncology, Biology, Physics, 82*(1), 159-166.

Mexner, V., Wolthaus, J. W., van Herk, M., Damen, E. M., & Sonke, J. J. (2009). Effects of respiration-induced density variations on dose distributions in radiotherapy of lung cancer. *International Journal of Radiation Oncology, Biology, Physics, 74*(4), 1266-1275.

Milker-Zabel, S., Zabel, A., Huber, P., Schlegel, W., Wannenmacher, M., & Debus, J. (2004). Stereotactic conformal radiotherapy in patients with growth hormone-secreting pituitary adenoma. *International Journal of Radiation Oncology, Biology, Physics, 59*(4), 1088-1096.

Miller, J. P., Semaan, M., Einstein, D., Megerian, C. A., & Maciunas, R. J. (2009). Staged gamma knife radiosurgery after tailored surgical resection: A novel treatment paradigm for glomus jugulare tumors. *Stereotactic & Functional Neurosurgery, 87*(1), 31-36.

Miralbell R, Caro M, Weber DC, Elizalde J, Perez-Ochoa A, Villà S, IgnacioToscas J, Martinez P, Linero D, Nouet P, Escudé L. Stereotactic Radiotherapy for Ocular Melanoma: Initial Experience Using Closed Eyes For Ocular Target Immobilization, *Technol Cancer Res Treat.* Oct 2007;6(5):361-588), *Instituto Oncológico Teknon, Barcelona, SP*

Miralbell, R., Caro, M., Weber, D. C., Elizalde, J., Perez-Ochoa, A., Villa, S., . . . Escude, L. (2007). Stereotactic radiotherapy for ocular melanoma: Initial experience using closed eyes for ocular target immobilization. *Technology in Cancer Research & Treatment, 6*(5), 413-417.

Miranda, E.R.P., E. L.; Silva, B. C.; De Marco, L.; Sarquis, M. S., Papillary thyroid carcinoma with brain metastases: an unusual 10-year-survival case. Thyroid, 2010. 20(6): p. 657-61.

Mirza B, Mønsted A, Harding J, Ohlhues L, Roed H, Juhler M. Stereotactic radiotherapy and radiosurgery in pediatric patients: analysis of indications and outcome. *Childs Nerv Syst.* 2010 Dec;26(12):1785-93. *Rigshospitalet, Copenhagen University Hospital, Copenhagen, DN*

Mizumatsu, S.N., Takushi; Sakai, Kyoji; Goto, Masaki; Sugatani, Hiroshi; Higashi, Toru, A case of brain metastasis from gastric cancer involving bilateral middle cerebellar peduncles. No shinkei geka. Neurological surgery, 2006. 34(9): p. 955-60.

Mohammed, N., Grills, I. S., Wong, C. Y., Galerani, A. P., Chao, K., Welsh, R., . . . Kestin, L. L. (2011). Radiographic and metabolic response rates following image-guided stereotactic radiotherapy for lung tumors. *Radiotherapy & Oncology, 99*(1), 18-22.

Mori, Y., Hashizume, C., Kobayashi, T., Shibamoto, Y., Kosaki, K., & Nagai, A. (2010). Stereotactic radiotherapy using novalis for skull base metastases developing with cranial nerve symptoms. *Journal of Neuro-Oncology, 98*(2), 213-219.

Mori, Y., Kobayashi, T., & Shibamoto, Y. (2006). Stereotactic radiosurgery for metastatic tumors in the pituitary gland and the cavernous sinus. *Journal of Neurosurgery, 105*(Suppl), 37-42.

Mori, Y., Kobayashi, T., Kida, Y., Oda, K., Shibamoto, Y., & Yoshida, J. (2005). Stereotactic radiosurgery as a salvage treatment for recurrent skull base adenoid cystic carcinoma. *Stereotactic & Functional Neurosurgery, 83*(5-6), 202-207.

Mori, Y.K., T.; Shibamoto, Y., Stereotactic radiosurgery for metastatic tumors in the pituitary gland and the cavernous sinus. Journal of Neurosurgery, 2006. 105 Suppl: p. 37-42.

Morimoto, M., Yoshioka, Y., Shiomi, H., Isohashi, F., Konishi, K., Kotsuma, T., . . . Koizumi, M. (2011). Significance of tumor volume related to peritumoral edema in intracranial meningioma treated with extreme hypofractionated stereotactic radiation therapy in three to five fractions. *Japanese Journal of Clinical Oncology, 41*(5), 609-616.

Moss, J. M., Choi, C. Y., Adler, J. R.,Jr, Soltys, S. G., Gibbs, I. C., & Chang, S. D. (2009). Stereotactic radiosurgical treatment of cranial and spinal hemangioblastomas. *Neurosurgery, 65*(1), 79-85.

Muller, K., Nowak, P. J., de Pan, C., Marijnissen, J. P., Paridaens, D. A., Levendag, P., & Luyten, G. P. (2005). Effectiveness of fractionated stereotactic radiotherapy for uveal melanoma. *International Journal of Radiation Oncology, Biology, Physics, 63*(1), 116-122.

Murovic, J. A., Charles Cho, S., & Park, J. (2010). Surgical strategies for managing foraminal nerve sheath tumors: The emerging role of CyberKnife ablation. *European Spine Journal, 19*(2), 242-256.

Murovic, J. A., Gibbs, I. C., Chang, S. D., Mobley, B. C., Park, J., & Adler, J. R.,Jr. (2009). Foraminal nerve sheath tumors: Intermediate follow-up after cyberknife radiosurgery. *Neurosurgery, 64*(2 Suppl), A33-43.

Nagano, H., Deguchi, K., & Kurono, Y. (2008). Malignant fibrous histiocytoma of the bucca: A case report. *Auris, Nasus, Larynx, 35*(1), 165-169.

Nagata Y, Takayama K, Matsuo Y, et al. (2005). Clinical outcomes of a phase I/II study of 48 Gy of stereotactic body radiotherapy in 4 ractions for primary lung cancer using a stereotactic body frame. *Int J Radiat Oncol Biol Phys, 63*(5), 1427–1431.

Nakamizo, A., Suzuki, S. O., Saito, N., Shono, T., Matsumoto, K., Onaka, S., . . . Sasaki, T. (2011). Clinicopathological study on chronic encapsulated expanding hematoma associated with incompletely obliterated AVM after stereotactic radiosurgery. *Acta Neurochirurgica, 153*(4), 883-893.

Nakamura JL, Pirzkall A, Carol MP, Xia P, Smith V, Wara WM, Petti PL, Verhey LJ, Sneed PK. Comparison of intensity-modulated radiosurgery with gamma knife radiosurgery for challenging skull base lesions. *Int J Radiat Oncol Biol Phys.* 2003 Jan 1;55(1):99-109. *UCSF, San Francisco*

Nakamura, J. L., Pirzkall, A., Carol, M. P., Xia, P., Smith, V., Wara, W. M., . . . Sneed, P. K. (2003). Comparison of intensity-modulated radiosurgery with gamma knife radiosurgery for challenging skull base lesions. *International Journal of Radiation Oncology, Biology, Physics, 55*(1), 99-109.

Nakayama, H., Tokuuye, K., Komatsu, Y., Ishikawa, H., Shiotani, S., Nakada, Y., & Akine, Y. (2004). Stereotactic radiotherapy for patients who initially presented with brain metastases from non-small cell carcinoma. *Acta Oncologica, 43*(8), 736-739.

Navarro Martin, A., Maitz, A., Grills, I. S., Bojrab, D., Kartush, J., Chen, P. Y., . . . Pieper, D. (2010). Successful treatment of glomus jugulare tumours with gamma knife radiosurgery: Clinical and physical aspects of management and review of the literature. *Clinical & Translational Oncology: Official Publication of the Federation of Spanish Oncology Societes & of the National Cancer Institute of Mexico, 12*(1), 55-62.

Navarro-Martin, A.M., A.; Manders, M.; Ducharme, E.; Chen, P.; Grills, I., Gamma Knife radiosurgery as a primary treatment option for solitary brain metastases from ovarian carcinoma. Clin Transl Oncol, 2009. 11(5): p. 326-8.

Neri, S., Takahashi, Y., Terashi, T., Hamakawa, H., Tomii, K., Katakami, N., & Kokubo, M. (2010). Surgical treatment of local recurrence after stereotactic body radiotherapy for primary and metastatic lung cancers. *Journal of Thoracic Oncology: Official Publication of the International Association for the Study of Lung Cancer, 5*(12), 2003-2007.

Nesbitt, J. (2007). Quality of life: Gamma knife surgery and whole brain radiation therapy. *AXON, 28*(2), 36-41.

Nguyen, Q. N., Shiu, A. S., Rhines, L. D., Wang, H., Allen, P. K., Wang, X. S., & Chang, E. L. (2010). Management of spinal metastases from renal cell carcinoma using stereotactic body radiotherapy. *International Journal of Radiation Oncology, Biology, Physics, 76*(4), 1185-1192.

Nicolato, A., Foroni, R., Rosta, L., Gerosa, M., & Bricolo, A. (2004). Multimodality stereotactic approach to the treatment of cystic craniopharyngiomas. *Minimally Invasive Neurosurgery, 47*(1), 32-40.

Nishioka, H., Hirano, A., Haraoka, J., & Nakajima, N. (2002). Histological changes in the pituitary gland and adenomas following radiotherapy. *Neuropathology, 22*(1), 19-25.

Nomoto, S., Shioyama, Y., Ohga, S., Nonoshita, T., Ohnishi, K., Atsumi, K., . . . Honda, H. (2009). Preliminary results of radiation therapy for locally advanced or recurrent adenoid cystic carcinomas of the head and neck using combined conventional radiation therapy and hypofractionated inverse planned stereotactic radiation therapy. *Fukuoka Igaku Zasshi - Fukuoka Acta Medica, 100*(2), 59-66.

Norihisa, Y., Nagata, Y., Takayama, K., Matsuo, Y., Sakamoto, T., Sakamoto, M., . . . Hiraoka, M. (2008). Stereotactic body radiotherapy for oligometastatic lung tumors. *International Journal of Radiation Oncology, Biology, Physics, 72*(2), 398-403.

O'Connor JK, Trotter J, Davis GL, Dempster J, Klintmalm GB, Goldstein RM. Long-term outcomes of stereotactic body radiation therapy in the treatment of hepatocellular cancer as a bridge to transplantation. Liver Transpl. 2012 Aug;18(8):949-54.

Oda, K., Mori, Y., Kobayashi, T., Kida, Y., Yokoi, H., Shibamoto, Y., & Yoshida, J. (2006). Stereotactic radiosurgery as a salvage treatment for recurrent epipharyngeal carcinoma. *Stereotactic & Functional Neurosurgery, 84*(2-3), 103-108.

Oermann, E. K., Slack, R. S., Hanscom, H. N., Lei, S., Suy, S., Park, H. U., . . . Collins, S. P. (2010). A pilot study of intensity modulated radiation therapy with hypofractionated stereotactic body radiation therapy (SBRT) boost in the treatment of intermediate- to high-risk prostate cancer. *Technology in Cancer Research & Treatment, 9*(5), 453-462.

O'Leary, S., Hodgson, T. J., Coley, S. C., Kemeny, A. A., & Radatz, M. W. (2002). Intracranial dural arteriovenous malformations: Results of stereotactic radiosurgery in 17 patients. *Clinical Oncology (Royal College of Radiologists), 14*(2), 97-102.

Olsen CC, Welsh J, Kavanagh BD, Franklin W, McCarter M, Cardenes HR, Gaspar LE, Schefter TE. Microscopic and macroscopic tumor and parenchymal effects of liver stereotactic body radiotherapy. *Int J Radiat Oncol Biol Phys.* 2009 Apr 1;73(5):1414-24., *University of Colorado, Denver*

Olsen, C. C., Welsh, J., Kavanagh, B. D., Franklin, W., McCarter, M., Cardenes, H. R., . . . Schefter, T. E. (2009). Microscopic and macroscopic tumor and parenchymal effects of liver stereotactic body radiotherapy. *International Journal of Radiation Oncology, Biology, Physics, 73*(5), 1414-1424.

Omodaka, S., Saito, R., Kumabe, T., Kawagishi, J., Jokura, H., Sonoda, Y., . . . Tominaga, T. (2010). Melanotic neuroectodermal tumor of the brain recurring 12 years after complete remission: Case report. *Brain Tumor Pathology, 27*(1), 51-57.

On, A. V., Hirschbein, M. J., Williams, H. J., & Karesh, J. W. (2006). CyberKnife radiosurgery and rituximab in the successful management of sclerosing idiopathic orbital inflammatory disease. *Ophthalmic Plastic & Reconstructive Surgery, 22*(5), 395-397.

Ong CL, Verbakel WF, Cuijpers JP, Slotman BJ, Lagerwaard FJ, Senan S. Stereotactic radiotherapy for peripheral lung tumors: a comparison of volumetric modulated arc therapy with 3 other delivery techniques. *Radiother Oncol. 2010 Dec;97(*3):437-42. *VU University Medical Center, Amsterdam, The Netherlands*

Ong, C. L., Verbakel, W. F., Cuijpers, J. P., Slotman, B. J., Lagerwaard, F. J., & Senan, S. (2010). Stereotactic radiotherapy for peripheral lung tumors: A comparison of volumetric modulated arc therapy with 3 other delivery techniques. *Radiotherapy & Oncology, 97*(3), 437-442.

Oshiro, Y., Aruga, T., Tsuboi, K., Marino, K., Hara, R., Sanayama, Y., & Itami, J. (2010). Stereotactic body radiotherapy for lung tumors at the pulmonary hilum. *Strahlentherapie Und Onkologie, 186*(5), 274-279.

Paek, S.H.S., Y. D.; Chung, H. T.; Kim, D. G.; Cho, Z. H., Clinical application of 7.0 T magnetic resonance images in Gamma Knife radiosurgery for a patient with brain metastases. Journal of Korean Medical Science, 2011. 26(6): p. 839-43.

Pai, P. C., Chuang, C. C., Wei, K. C., Tsang, N. M., Tseng, C. K., & Chang, C. N. (2002). Stereotactic radiosurgery for locally recurrent nasopharyngeal carcinoma. *Head & Neck, 24*(8), 748-753.

Palma DA, Senan S, Haasbeek CJ, Verbakel WF, Vincent A, Lagerwaard F. Radiological and Clinical Pneumonitis after Stereotactic Lung Radiotherapy: A Matched Analysis of Three-dimensional Conformal and Volumetric-modulated Arc Therapy Techniques. *Int J Radiat Oncol Biol Phys.* 2010 Jun 26. *VU Medical Center, Amsterdam, The Netherlands* [Epub ahead of print]

Paludan M, Traberg Hansen A, Petersen J, Grau C, Hoyer M. Aggravation of dyspnea in stage I non-small cell lung cancer patients following stereotactic body radiotherapy: Is there a dose-volume dependency? *Acta Oncol*. 2006;45(7):818-22. *Aarhus University Hospital, Aarhus, Denmark*

Pantazis, G., Trippel, M., Birg, W., Ostertag, C. B., & Nikkhah, G. (2009). Stereotactic interstitial radiosurgery with the photon radiosurgery system (PRS) for metastatic brain tumors: A prospective single-center clinical trial. *International Journal of Radiation Oncology, Biology, Physics, 75*(5), 1392-1400.

Parashar, B., Patel, P., Monni, S., Singh, P., Sood, N., Trichter, S., . . . Chao, K. S. (2010). Limited resection followed by intraoperative seed implantation is comparable to stereotactic body radiotherapy for solitary lung cancer. *Cancer, 116*(21), 5047-5053.

Parikh S, Heron DE. Fractionated radiosurgical management of intramedullary spinal cord metastasis: A case report and review of the literature. *Clin Neurol Neurosurg*. 2009 Dec;111(10):858-61. *University of Pittsburgh Medical Center, Pittsburgh*

Park, K. J., Kano, H., Kondziolka, D., Niranjan, A., Flickinger, J. C., & Lunsford, L. D. (2011). Gamma knife surgery for subependymal giant cell astrocytomas. clinical article. *Journal of Neurosurgery, 114*(3), 808-813.

Park, S. H., & Hwang, S. K. (2009). Transcranial doppler study of cerebral arteriovenous malformations after gamma knife radiosurgery. *Journal of Clinical Neuroscience, 16*(3), 378-384.

Park, Y. S., Chang, J. H., Chang, J. W., Chung, S. S., & Park, Y. G. (2005). Gamma knife surgery for multiple hemangioblastomas. *Journal of Neurosurgery, 102*(Suppl), 97-101

Patel, M., Siddiqui, F., Jin, J. Y., Mikkelsen, T., Rosenblum, M., Movsas, B., & Ryu, S. (2009). Salvage reirradiation for recurrent glioblastoma with radiosurgery: Radiographic response and improved survival. *Journal of Neuro-Oncology, 92*(2), 185-191.

Peev, N. A., Hirose, Y., Hirai, T., Nishiyama, Y., Nagahisa, S., Kanno, T., & Sano, H. (2010). Delayed surgical resections of brain metastases after gamma knife radiosurgery. *Neurosurgical Review, 33*(3), 349-357.

Peev, N.A.H., Y.; Hirai, T.; Nishiyama, Y.; Nagahisa, S.; Kanno, T.; Sano, H., Delayed surgical resections of brain metastases after gamma knife radiosurgery. Neurosurgical Review, 2010. 33(3): p. 349-57; discussion 357.

Peker, S., Abacioglu, U., Bayrakli, F., Kilic, T., & Pamir, M. N. (2005). Gamma knife radiosurgery for cavernous sinus plasmacytoma in a patient with breast cancer history. *Surgical Neurology, 63*(2), 174-176.

Peker, S., Bayrakli, F., Kilic, T., & Pamir, M. N. (2007). Gamma-knife radiosurgery in the treatment of trigeminal schwannomas. *Acta Neurochirurgica, 149*(11), 1133-1137.

Penagaricano, J. A., Yan, Y., Shi, C., Linskey, M. E., & Ratanatharathorn, V. (2006). Dosimetric comparison of helical tomotherapy and gamma knife stereotactic radiosurgery for single brain metastasis. *Radiation Oncology, 1*, 26.

Pennathur, A., Luketich, J. D., Heron, D. E., Abbas, G., Burton, S., Chen, M., . . . Christie, N. A. (2009). Stereotactic radiosurgery for the treatment of stage I non-small cell lung cancer in high-risk patients. *Journal of Thoracic & Cardiovascular Surgery, 137*(3), 597-604.

Perks JR, St George EJ ,El Hamri k, Blackburn P, Plowman PN. Isodosimetric comparison of photon stereotactic radiosurgery techniques (gamma knife vs. micromultileaf collimator linear accelerator) for acoustic neuroma--and potential clinical importance. *Int J Radiat Oncol Biol Phys.* 2003 Dec 1;57(5):1450-9. *St. Bartholomew's Hospital, London*

Perks, J. R., El-Hamri, K., Blackburn, T. P., & Plowman, P. N. (2005). Comparison of radiosurgery planning modalities for acoustic neuroma with regard to conformity and mean target dose. *Stereotactic & Functional Neurosurgery, 83*(4), 165-171.

Perks, J. R., St George, E. J., El Hamri, K., Blackburn, P., & Plowman, P. N. (2003). Stereotactic radiosurgery XVI: Isodosimetric comparison of photon stereotactic radiosurgery techniques (gamma knife vs. micromultileaf collimator linear accelerator) for acoustic neuroma--and potential clinical importance. *International Journal of Radiation Oncology, Biology, Physics, 57*(5), 1450-1459.

Petti, P. L., Larson, D. A., & Kunwar, S. (2008). Use of hybrid shots in planning perfexion gamma knife treatments for lesions close to critical structures. *Journal of Neurosurgery, 109*(Suppl), 34-40.

Peulen H, Karlsson K, Lindberg K, et al. (2011). Toxicity after reirradiation of pulmonary tumours with stereotactic body radiotherapy. *Radiother Oncol*, 101*(2), 260-6.* 2011.

Pham, C. J., Chang, S. D., Gibbs, I. C., Jones, P., Heilbrun, M. P., & Adler, J. R.,Jr. (2004). Preliminary visual field preservation after staged CyberKnife radiosurgery for perioptic lesions. *Neurosurgery, 54*(4), 799-810.

Pica, A., Moeckli, R., Balmer, A., Beck-Popovic, M., Chollet-Rivier, M., Do, H. P., . . . Munier, F. L. (2011). Preliminary experience in treatment of papillary and macular retinoblastoma: Evaluation of local control and local complications after treatment with linear accelerator-based stereotactic radiotherapy with micromultileaf collimator as second-line or salvage treatment after chemotherapy. *International Journal of Radiation Oncology, Biology, Physics, 81*(5), 1380-1386.

Piccirilli, M., Sassun, T. E., Brogna, C., Giangaspero, F., & Salvati, M. (2007). Late brain metastases from breast cancer: Clinical remarks on 11 patients and review of the literature. *Tumori, 93*(2), 150-154.

Pollock, B. E. (2003). Stereotactic radiosurgery for intracranial meningiomas: Indications and results. *Neurosurgical Focus, 14*(5), e4. R

Pollock, B. E. (2004). Stereotactic radiosurgery in patients with glomus jugulare tumors. *Neurosurgical Focus, 17*(2), E10.

Pollock, B. E., & Carpenter, P. C. (2003). Stereotactic radiosurgery as an alternative to fractionated radiotherapy for patients with recurrent or residual nonfunctioning pituitary adenomas. *Neurosurgery, 53*(5), 1086-1091.

Pollock, B. E., Brown, P. D., Nippoldt, T. B., & Young, W. F.,Jr. (2008). Pituitary tumor type affects the chance of biochemical remission after radiosurgery of hormone-secreting pituitary adenomas. *Neurosurgery, 62*(6), 1271-1276.

Pollock, B. E., Link, M. J., Foote, R. L., Stafford, S. L., Brown, P. D., & Schomberg, P. J. (2004). Radiosurgery as primary management for meningiomas extending into the internal auditory canal. *Stereotactic & Functional Neurosurgery, 82*(2-3), 98-103.

Pollock, B. E., Nippoldt, T. B., Stafford, S. L., Foote, R. L., & Abboud, C. F. (2002). Results of stereotactic radiosurgery in patients with hormone-producing pituitary adenomas: Factors associated with endocrine normalization. *Journal of Neurosurgery, 97*(3), 525-530.

Ponsky, L. E., Mahadevan, A., Gill, I. S., Djemil, T., & Novick, A. C. (2007). Renal radiosurgery: Initial clinical experience with histological evaluation. *Surgical Innovation, 14*(4), 265-269.

Pouratian, N., Crowley, R. W., Sherman, J. H., Jagannathan, J., & Sheehan, J. P. (2009). Gamma knife radiosurgery after radiation therapy as an adjunctive treatment for glioblastoma. *Journal of Neuro-Oncology, 94*(3), 409-418.

Poznanovic SA, Cass SP, Kavanagh BD., Short-term tumor control and acute toxicity after stereotactic radiosurgery for glomus jugulare tumors. *Otolaryngol Head Neck Surg.* 2006 Mar;134(3):437-42. *University of Colorado Health Sciences Center, Aurora*

Poznanovic, S. A., Cass, S. P., & Kavanagh, B. D. (2006). Short-term tumor control and acute toxicity after stereotactic radiosurgery for glomus jugulare tumors. *Otolaryngology - Head & Neck Surgery, 134*(3), 437-442.

Prevost, J. B., Voet, P., Hoogeman, M., Praag, J., Levendag, P., & Nuyttens, J. J. (2008). Four-dimensional stereotactic radiotherapy for early stage non-small cell lung cancer: A comparative planning study. *Technology in Cancer Research & Treatment, 7*(1), 27-33.

Prisco, F. E., Weltman, E., de Hanriot, R. M., & Brandt, R. A. (2002). Radiosurgical boost for primary high-grade gliomas. *Journal of Neuro-Oncology, 57*(2), 151-160.

Purdie, T. G., Moseley, D. J., Bissonnette, J. P., Sharpe, M. B., Franks, K., Bezjak, A., & Jaffray, D. A. (2006). Respiration correlated cone-beam computed tomography and 4DCT for evaluating target motion in stereotactic lung radiation therapy. *Acta Oncologica, 45*(7), 915-922.

Rajaraman, C., Rowe, J. G., Walton, L., Malik, I., Radatz, M., & Kemeny, A. A. (2004). Treatment options for von hippel-lindau's haemangioblastomatosis: The role of gamma knife stereotactic radiosurgery. *British Journal of Neurosurgery, 18*(4), 338-342.

Ram, T. S., Ravindran, P. B., Viswanathan, F. R., Viswanathan, P. N., & Pavamani, S. P. (2006). Extracranial doses in stereotactic and conventional radiotherapy for pituitary adenomas. *Journal of Applied Clinical Medical Physics, 7*(2), 96-100.

Rauch, P.J.P., H. S.; Knisely, J. P.; Chiang, V. L.; Vortmeyer, A. O., Delayed Radiation-Induced Vasculitic Leukoencephalopathy. International Journal of Radiation Oncology, Biology, Physics, 2011.

Raviv, J., Downing, L., Le, Q. T., & Hwang, P. (2008). Radiographic assessment of the sinuses in patients treated for nasopharyngeal carcinoma. *American Journal of Rhinology, 22*(1), 64-67.

Raza, S. M., Jabbour, S., Thai, Q. A., Pradilla, G., Kleinberg, L. R., Wharam, M., & Rigamonti, D. (2007). Repeat stereotactic radiosurgery for high-grade and large intracranial arteriovenous malformations. *Surgical Neurology, 68*(1), 24-34.

Register, S. P., Zhang, X., Mohan, R., & Chang, J. Y. (2011). Proton stereotactic body radiation therapy for clinically challenging cases of centrally and superiorly located stage I non-small-cell lung cancer. *International Journal of Radiation Oncology, Biology, Physics, 80*(4), 1015-1022.

Register, S.C., J. W.; Chaudhury, A. R.; Lo, S. S., Pathologic complete response of a solitary melanoma brain metastasis after local ablative radiation therapy: case report. Med Oncol, 2010. 27(4): p. 1208-11.

Renkonen, S., Hagstrom, J., Vuola, J., Niemela, M., Porras, M., Kivivuori, S. M., . . . Makitie, A. A. (2011). The changing surgical management of juvenile nasopharyngeal angiofibroma. *European Archives of Oto-Rhino-Laryngology, 268*(4), 599-607.

Reyns, N., Hayashi, M., Chinot, O., Manera, L., Peragut, J. C., Blond, S., & Regis, J. (2006). The role of gamma knife radiosurgery in the treatment of pineal parenchymal tumours. *Acta Neurochirurgica, 148*(1), 5-11.

Ricardi, U., Guarneri, A., Mantovani, C., Ciammella, P., Giglioli, F. R., & Ragona, R. (2007). Stereotactic body radiation therapy for early non-small cell lung cancer: Experience at the university of turin. *Journal of Thoracic Oncology: Official Publication of the International Association for the Study of Lung Cancer, 2*(5 Suppl), S47.

Riegel AC, Chang JY, Vedam SS, Johnson V, Chi PC, Pan T. Cine computed tomography without respiratory surrogate in planning stereotactic radiotherapy for non-small-cell lung cancer. *Int J Radiat Oncol Biol Phys*. 2009 Feb 1;73(2):433-41*. M.D. Anderson Cancer Center, Houston, TX*

Riegel AC, Chang JY, Vedam SS, Johnson V, Chi PC, Pan T. Cine computed tomography without respiratory surrogate in planning stereotactic radiotherapy for non-small-cell lung cancer. *Int J Radiat Oncol Biol Phys*. 2009 Feb 1;73(2):433-41*. M.D. Anderson Cancer Center, Houston, TX*

Riegel, A. C., Chang, J. Y., Vedam, S. S., Johnson, V., Chi, P. C., & Pan, T. (2009). Cine computed tomography without respiratory surrogate in planning stereotactic radiotherapy for non-small-cell lung cancer. *International Journal of Radiation Oncology, Biology, Physics, 73*(2), 433-441.

Roberge D, Ruo R, Souhami L. Killing two birds with one stone: a dosimetric study of dual target radiosurgery using a single isocenter. *Technol Cancer Res Treat*. 2006 Dec;5(6):613-7. *McGill University, Montreal*

Roberge, D., Ruo, R., & Souhami, L. (2006). Killing two birds with one stone: A dosimetric study of dual target radiosurgery using a single isocenter. *Technology in Cancer Research & Treatment, 5*(6), 613-617.

Roche, P. H., Paris, J., Regis, J., Moulin, G., Zanaret, M., Thomassin, J. M., & Pellet, W. (2007). Management of invasive juvenile nasopharyngeal angiofibromas: The role of a multimodality approach. *Neurosurgery, 61*(4), 768-777.

Roche, P. H., Pellet, W., Fuentes, S., Thomassin, J. M., & Regis, J. (2003). Gamma knife radiosurgical management of petroclival meningiomas results and indications. *Acta Neurochirurgica, 145*(10), 883-888.

Rock J, Kole M, Yin FF, Ryu S, Guttierez J, Rosenblum M. Radiosurgical treatment for Ewing's sarcoma of the lumbar spine: case report. *Spine*. 2002 Nov 1;27(21):E471-5. *Henry Ford Hospital, Detroit*

Rock JP, Ryu S, Shukairy MS, Yin FF, Sharif A, Schreiber F, Abdulhak M, Kim JH, Rosenblum ML. Postoperative radiosurgery for malignant spinal tumors. *Neurosurgery*. 2006 May;58(5):891-8; discussion 891-8. *Henry Ford Hospital, Detroit*

Roh, K. W., Jang, J. S., Kim, M. S., Sun, D. I., Kim, B. S., Jung, S. L., . . . Kim, Y. S. (2009). Fractionated stereotactic radiotherapy as reirradiation for locally recurrent head and neck cancer. *International Journal of Radiation Oncology, Biology, Physics, 74*(5), 1348-1355.

Roos DE, Brophy BP, Taylor J. Lessons from a 17-Year Radiosurgery Experience at the Royal Adelaide Hospital. *Int J Radiat Oncol Biol Phys.* 2010 Oct 30. *University of Adelaide, Royal Adelaide Hospital, Adelaide, South Australia.*

Roos, D. E., Brophy, B. P., & Taylor, J. (2012). Lessons from a 17-year radiosurgery experience at the royal adelaide hospital. *International Journal of Radiation Oncology, Biology, Physics, 82*(1), 102-106.

Roos, D. E., Brophy, B. P., Zavgorodni, S. F., & Katsilis, E. S. (2002). Radiosurgery for brain metastases at the royal adelaide hospital: Are we treating the right patients?. *Australasian Radiology, 46*(4), 402-408.

Roos, D. E., Wirth, A., Burmeister, B. H., Spry, N. A., Drummond, K. J., Beresford, J. A., & McClure, B. E. (2006). Whole brain irradiation following surgery or radiosurgery for solitary brain metastases: Mature results of a prematurely closed randomized trans-tasman radiation oncology group trial (TROG 98.05). *Radiotherapy & Oncology, 80*(3), 318-322.

Ruschin, M., Nayebi, N., Carlsson, P., Brown, K., Tamerou, M., Li, W., . . . Jaffray, D. (2010). Performance of a novel repositioning head frame for gamma knife perfexion and image-guided linac-based intracranial stereotactic radiotherapy. *International Journal of Radiation Oncology, Biology, Physics, 78*(1), 306-313.

Rusthoven KE, Kavanagh BD, Burri SH, Chen C, Cardenes H, Chidel MA, Pugh TJ, Kane M, Gaspar LE, Schefter TE. Multi-institutional phase I/II trial of stereotactic body radiation therapy for lung metastases. *J Clin Oncol.* 2009 Apr 1;27(10):1579-84. *University of Colorado Comprehensive Cancer Center, Denver*

Rutkowski, M. J., Bloch, O., Jian, B. J., Chen, C., Sughrue, M. E., Tihan, T., . . . Parsa, A. T. (2011). Management of recurrent intracranial hemangiopericytoma. *Journal of Clinical Neuroscience, 18*(11), 1500-1504.

Rwigema JC, Heron DE, Parikh SD, Zeh HJ 3rd, Moser JA, Bahary N, Ashby K, Burton SA. Adjuvant Stereotactic Body Radiotherapy for Resected Pancreatic Adenocarcinoma with Close or Positive Margins. *J Gastrointest Cancer*. 2010 Sep 1. *University of Pittsburgh School of Medicine, Pittsburgh, PA* [Epub ahead of print]

Ryu S, Khan M, Yin FF, Concus A, Ajlouni M, Benninger MS, Kim JH. Image-guided radiosurgery of head and neck cancers. *Otolaryngol Head Neck Surg*. 2004 Jun;130(6):690-7. *Henry Ford Hospital*

Ryu, S. I., Kim, D. H., & Chang, S. D. (2003). Stereotactic radiosurgery for hemangiomas and ependymomas of the spinal cord. *Neurosurgical Focus, 15*(5), E10.

Ryu, S., Khan, M., Yin, F. F., Concus, A., Ajlouni, M., Benninger, M. S., & Kim, J. H. (2004). Image-guided radiosurgery of head and neck cancers. *Otolaryngology - Head & Neck Surgery, 130*(6), 690-697.

Ryu S, Jin R, Jin JY, Chen Q, Rock J, Anderson J, Movsas B. Pain control by image-guided radiosurgery for solitary spinal metastasis. J Pain Symptom Manage.2008 Mar;35(3):292-8.

Sahgal A, Ma L, Gibbs I, Gerszten PC, Ryu S, Soltys S, Weinberg V, Wong S, Chang E, Fowler J, Larson DA. Spinal Cord Tolerance for Stereotactic Body Radiotherapy. *Int J Radiat Oncol Biol Phys.* 2010 Jun 1;77(2):548-53. *includes Henry Ford Hospital and MD Anderson Cancer Center*

Sahgal, A., Ames, C., Chou, D., Ma, L., Huang, K., Xu, W., . . . Larson, D. A. (2009). Stereotactic body radiotherapy is effective salvage therapy for patients with prior radiation of spinal metastases. *International Journal of Radiation Oncology, Biology, Physics, 74*(3), 723-731.

Sahgal, A., Ma, L., Gibbs, I., Gerszten, P. C., Ryu, S., Soltys, S., . . . Larson, D. A. (2010). Spinal cord tolerance for stereotactic body radiotherapy. *International Journal of Radiation Oncology, Biology, Physics, 77*(2), 548-553.

Sahgal, A., Ma, L., Weinberg, V., Gibbs, I. C., Chao, S., Chang, U. K., . . . Larson, D. A. (2012). Reirradiation human spinal cord tolerance for stereotactic body radiotherapy. *International Journal of Radiation Oncology, Biology, Physics, 82*(1), 107-116.

Saito, A. I., Morris, C. G., Ito, K., Watanabe, F., Karasawa, K., Mendenhall, W. M., & Naoi, Y. (2007). Comparing size evaluation methods for acoustic neuroma after stereotactic radiosurgery. *Radiation Medicine, 25*(7), 339-345.

Saito, R.K., T.; Watanabe, M.; Jokura, H.; Shibuya, M.; Nakazato, Y.; Tominaga, T., Lowgrade fibromyxoid sarcoma of intracranial origin. Journal of Neurosurgery, 2008. 108(4): p. 798-802.

Sakamoto, G. T., Borchers, D. J.,3rd, Xiao, F., Yang, H. J., Chang, S. D., & Adler, J. R.,Jr. (2009). Cyberknife radiosurgery for trigeminal schwannomas. *Neurosurgery, 64*(2 Suppl), A14-8.

Sakamoto, M., Oya, N., Mizowaki, T., Araki, N., Nagata, Y., Takayama, K., . . . Hiraoka, M. (2006). Initial experiences of palliative stereotactic radiosurgery for recurrent brain lymphomas. *Journal of Neuro-Oncology, 77*(1), 53-58.

Salter BJ, Fuss M, Sarkar V, Wang B, Rassiah-Szegedi P, Papanikolaou N, Hollingshaus S, Shrieve DC. Optimization of isocenter location for intensity modulated stereotactic treatment of small intracranial targets. *Int J Radiat Oncol Biol Phys.* 2009 Feb 1;73(2):546-55. *University of Utah, Salt Lake City, UT*

Salter, B. J., Fuss, M., Sarkar, V., Wang, B., Rassiah-Szegedi, P., Papanikolaou, N., . . . Shrieve, D. C. (2009). Optimization of isocenter location for intensity modulated stereotactic treatment of small intracranial targets. *International Journal of Radiation Oncology, Biology, Physics, 73*(2), 546-555.

Sankaranarayanan, V., Ganesan, S., Oommen, S., Padmanaban, T. K., Stumpf, J., & Ayyangar, K. M. (2003). Study on dosimetric parameters for stereotactic radiosurgery and intensity-modulated radiotherapy. *Medical Dosimetry, 28*(2), 85-90.

Sanno, N., Hayashi, S., Shimura, T., Maeda, S., & Teramoto, A. (2004). Intracranial osteosarcoma after radiosurgery--case report. *Neurologia Medico-Chirurgica, 44*(1), 29-32.

Sarkar, A., Pollock, B. E., Brown, P. D., & Gorman, D. A. (2002). Evaluation of gamma knife radiosurgery in the treatment of oligodendrogliomas and mixed oligodendroastrocytomas. *Journal of Neurosurgery, 97*(5 Suppl), 653-656.

Sayer, F. T., Nguyen, J., Starke, R. M., Yen, C. P., & Sheehan, J. P. (2011). Gamma knife radiosurgery for intracranial hemangioblastomas--outcome at 3 years. *World Neurosurgery, 75*(1), 99-105.

Schefter TE, Kavanagh BD, Timmerman RD, Cardenes HR, Baron A, Gaspar LE. A phase I trial of stereotactic body radiation therapy (SBRT) for liver metastases. *Int J Radiat Oncol Biol Phys.* 2005 Aug 1;62(5):1371-8. *University of Colorado Health Sciences Center, Aurora*

Schirmer, C. M., Chan, M., Mignano, J., Duker, J., Melhus, C. S., Williams, L. B., . . . Yao, K. C. (2009). Dose de-escalation with gamma knife radiosurgery in the treatment of choroidal melanoma. *International Journal of Radiation Oncology, Biology, Physics, 75*(1), 170-176.

Schmidt, A. T., Martin, R. B., Ozturk, A., Kates, W. R., Wharam, M. D., Mahone, E. M., & Horska, A. (2010). Neuroimaging and neuropsychological follow-up study in a pediatric brain tumor patient treated with surgery and radiation. *Neurocase, 16*(1), 74-90.

Schwer AL, Kavanagh BD, McCammon R, Gaspar LE, Kleinschmidt-De Masters BK, Stuhr K, Chen C. Radiographic and Histopathologic Observations After Combined EGFR Inhibition and Hypofractionated Stereotactic Radiosurgery in Patients with Recurrent Malignant Gliomas. *Int J Radiat Oncol Biol Phys*. 2009 Apr 1;73(5):1352-7. *University of Colorado Denver, Aurora, CO*

Schwer, A. L., Damek, D. M., Kavanagh, B. D., Gaspar, L. E., Lillehei, K., Stuhr, K., & Chen, C. (2008). A phase I dose-escalation study of fractionated stereotactic radiosurgery in combination with gefitinib in patients with recurrent malignant gliomas. *International Journal of Radiation Oncology, Biology, Physics, 70*(4), 993-1001.

Schwer, A. L., Kavanagh, B. D., McCammon, R., Gaspar, L. E., Kleinschmidt-De Masters, B. K., Stuhr, K., & Chen, C. (2009). Radiographic and histopathologic observations after combined EGFR inhibition and hypofractionated stereotactic radiosurgery in patients with recurrent malignant gliomas.

Selch MT, DeSalles AA, Wade M, Lee SP, Solberg TD, Wallace RE, Ford JM, Rubino G, Cabatan-Awang C, Withers HR. Initial clinical results of stereotactic radiotherapy for the treatment of craniopharyngiomas. *Technol Cancer Res Treat*. 2002 Feb;1(1):51-9. *UCLA, Los Angeles*

Selch MT, Lin K, Agazaryan N, Tenn S, Gorgulho A, Demarco JJ, Desalles AA. Initial clinical experience with image-guided linear accelerator-based spinal radiosurgery for treatment of benign nerve sheath tumors. *Surg Neurol.* 2009 Dec;72(6):668-74; discussion 674-5. *UCLA, Los Angeles*

Selch, M. T., DeSalles, A. A., Wade, M., Lee, S. P., Solberg, T. D., Wallace, R. E., . . . Withers, H. R. (2002). Initial clinical results of stereotactic radiotherapy for the treatment of craniopharyngiomas. *Technology in Cancer Research & Treatment, 1*(1), 51-59.

Seo, Y.S., Kim, M.S., Yoo, S.Y., Cho, C.K., Choi, C.W., Kim, J.H., et al. (2010). Preliminary result of stereotactic body radiotherapy as a local salvage treatment for inoperable hepatocellular carcinoma. *Journal of Surgical Oncology, 102*(3), 209-214.

Seo, Y.S.C., T. W.; Kim, I. Y.; Bom, H. S.; Min, J. J., Enhanced detectability of recurrent brain tumor using glucose-loading F-18 FDG PET. Clinical Nuclear Medicine, 2008. 33(1): p. 32-3.

Shaffer R, Nichol AM, Vollans E, Fong M, Nakano S, Moiseenko V, Schmuland M, Ma R, McKenzie M, Otto K. A Comparison of Volumetric Modulated Arc Therapy and Conventional Intensity-Modulated Radiotherapy for Frontal and Temporal High-Grade Gliomas. *Int J Radiat Oncol Biol Phys.* 2010 Mar 15;76(4):1177-84. *BC Cancer Agency, Vancouver, British Columbia*

Sharma, M. S., Gupta, A., Kale, S. S., Agrawal, D., Mahapatra, A. K., & Sharma, B. S. (2008). Gamma knife radiosurgery for glomus jugulare tumors: Therapeutic advantages of minimalism in the skull base. *Neurology India, 56*(1), 57-61.

Sheehan, J. P., Shaffrey, C. I., Schlesinger, D., Williams, B. J., Arlet, V., & Larner, J. (2009). Radiosurgery in the treatment of spinal metastases: Tumor control, survival, and quality of life after helical tomotherapy. *Neurosurgery, 65*(6), 1052-1061.

Sheehan, J., Kondziolka, D., Flickinger, J., & Lunsford, L. D. (2002). Radiosurgery for treatment of recurrent intracranial hemangiopericytomas. *Neurosurgery, 51*(4), 905-910.

Sheehan, J., Kondziolka, D., Flickinger, J., & Lunsford, L. D. (2005). Gamma knife surgery for glomus jugulare tumors: An intermediate report on efficacy and safety. *Journal of Neurosurgery, 102*(Suppl), 241-246.

Shen, Z. T., Wu, X. H., Li, B., Wang, L., & Zhu, X. X. (2010). Preliminary efficacy of CyberKnife radiosurgery for locally advanced pancreatic cancer. *Chinese Journal of Cancer, 29*(9), 802-809.

Shin DA, Huh R, Chung SS, Rock J, Ryu S. Stereotactic spine radiosurgery for intradural and intramedullary metastasis. *Neurosurg Focus*. 2009 Dec;27(6):E10. *Henry Ford Hospital*

Shin, D. A., Huh, R., Chung, S. S., Rock, J., & Ryu, S. (2009). Stereotactic spine radiosurgery for intradural and intramedullary metastasis. *Neurosurgical Focus, 27*(6), E10.

Shiu AS, Chang EL, Ye JS, Lii M, Rhines LD, Mendel E, Weinberg J, Singh S, Maor MH, Mohan R, Cox JD. Near simultaneous computed tomography image-guided stereotactic spinal radiotherapy: an emerging paradigm for achieving true stereotaxy. *Int J Radiat Oncol Biol Phys.* 2003 Nov 1;57(3):605-13. *MD Anderson Cancer Center, Houston*

Shuto, T., Fujino, H., Inomori, S., & Nagano, H. (2004). Repeated gamma knife radiosurgery for multiple metastatic brain tumours. *Acta Neurochirurgica, 146*(9), 989-993.

Shuto, T., Inomori, S., Fujino, H., & Nagano, H. (2006). Gamma knife surgery for metastatic brain tumors from renal cell carcinoma. *Journal of Neurosurgery, 105*(4), 555-560.

Shuto, T., Inomori, S., Matsunaga, S., & Fujino, H. (2008). Microsurgery for vestibular schwannoma after gamma knife radiosurgery. *Acta Neurochirurgica, 150*(3), 229-234.

Shuto, T., Matsunaga, S., & Suenaga, J. (2011). Surgical treatment for late complications following gamma knife surgery for arteriovenous malformations. *Stereotactic & Functional Neurosurgery, 89*(2), 96-102.

Siddiqui F, Patel M, Khan M, McLean S, Dragovic J, Jin JY, Movsas B, Ryu S. Stereotactic Body Radiation Therapy for Primary, Recurrent, and Metastatic Tumors in the Head-and-Neck Region. *Int J Radiat Oncol Biol Phys.* 2009 Jul 15;74(4):1047-53 *Henry Ford Health System, Detroit, MI*

Sinclair, J., Chang, S. D., Gibbs, I. C., & Adler, J. R.,Jr. (2006). Multisession CyberKnife radiosurgery for intramedullary spinal cord arteriovenous malformations. *Neurosurgery, 58*(6), 1081-1089.

Sinha, B., & McGarry, R. C. (2006). Stereotactic body radiotherapy for bilateral primary lung cancers: The indiana university experience. *International Journal of Radiation Oncology, Biology, Physics, 66*(4), 1120-1124.

Siomin, V., Lin, J. L., Marko, N. F., Barnett, G. H., Toms, S. A., Chao, S. T., . . . Weil, R. J. (2011). Stereotactic radiosurgical treatment of brain metastases to the choroid plexus. *International Journal of Radiation Oncology, Biology, Physics, 80*(4), 1134-1142.

Smee, R. I., Meagher, N. S., Broadley, K., Ho, T., Williams, J. R., & Bridger, G. P. (2010). Recurrent nasopharyngeal carcinoma: Current management approaches. *American Journal of Clinical Oncology, 33*(5), 469-473.

Sohn MJ, Lee DJ, Jeon SR, Khang SK. Spinal radiosurgical treatment for thoracic epidural cavernous hemangioma presenting as radiculomyelopathy: technical case report. *Neurosurgery*. 2009 Jun;64(6):E1202-3, *Inje University Ilsan Paik Hospital, Goyang City, Korea*

Soisson, E. T., Tome, W. A., Richards, G. M., & Mehta, M. P. (2006). Comparison of linac based fractionated stereotactic radiotherapy and tomotherapy treatment plans for skull-base tumors. *Radiotherapy & Oncology, 78*(3), 313-321.

Son, S.H., Choi, B.O., Ryu, M.R., Kang, Y.N., Jang, J.S., Bae, S.H., et al.(2010). Stereotactic body radiotherapy for patients with unresectable primary hepatocellular carcinoma: dose-volumetric parameters predicting the hepatic complication. *International Journal of Radiation Oncology, Biology, Physics, 78*(4), 1073-80.

Song DY, Benedict SH, Cardinale RM, Chung TD, Chang MG, Schmidt-Ullrich RK. Stereotactic body radiation therapy of lung tumors: preliminary experience using normal tissue complication probability-based dose limits. *Am J Clin Oncol*. 2005 Dec;28(6):591-6., *Virginia Commonwealth University Medical Center, Richmond*

Song SY, Choi W, Shin SS, Lee SW, Ahn SD, Kim JH, Je HU, Park CI, Lee JS, Choi EK. Fractionated stereotactic body radiation therapy for medically inoperable stage I lung cancer adjacent to central large bronchus. *Lung Cancer.* 2009 Oct;66(1):89-93. *Asan Medical Center, University of Ulsan, Seoul*

Song, D. Y., Benedict, S. H., Cardinale, R. M., Chung, T. D., Chang, M. G., & Schmidt-Ullrich, R. K. (2005). Stereotactic body radiation therapy of lung tumors: Preliminary experience using

normal tissue complication probability-based dose limits. *American Journal of Clinical Oncology, 28*(6), 591-596.

Song, W. K., Yang, W. I., Byeon, S. H., Koh, H. J., Kwon, O. W., & Lee, S. C. (2010). Clinicopathologic report of uveal melanoma with persistent exudative retinal detachment after gamma knife radiosurgery. *Ophthalmologica, 224*(1), 16-21.

Spoelstra FO, van Sörnsen de Koste JR, Cuijpers JP, Lagerwaard FJ, Slotman BJ, Senan S. Analysis of reproducibility of respiration-triggered gated radiotherapy for lung tumors. *Radiother Oncol.* 2008 Apr; 87(1):59-64. *VU University Medical Center, Amsterdam*

St George, E. J., Kudhail, J., Perks, J., & Plowman, P. N. (2002). Acute symptoms after gamma knife radiosurgery. *Journal of Neurosurgery, 97*(5 Suppl), 631-634.

Stancanello, J., Romanelli, P., Pantelis, E., Sebastiano, F., & Modugno, N. (2009). Atlas-based functional radiosurgery: Early results. *Medical Physics, 36*(2), 457-463.

Stephans, K. L., Djemil, T., Tendulkar, R. D., Robinson, C. G., Reddy, C. A., & Videtic, G. M. (2012). Prediction of chest wall toxicity from lung stereotactic body radiotherapy (SBRT). *International Journal of Radiation Oncology, Biology, Physics, 82*(2), 974-980.

Stinauer, M. A., Kavanagh, B. D., Schefter, T. E., Gonzalez, R., Flaig, T., Lewis, K., . . . Raben, D. (2011). Stereotactic body radiation therapy for melanoma and renal cell carcinoma: Impact of single fraction equivalent dose on local control. *Radiation Oncology, 6*, 34.

Stintzing, S., Hoffmann, R. T., Heinemann, V., Kufeld, M., & Muacevic, A. (2010). Frameless single-session robotic radiosurgery of liver metastases in colorectal cancer patients. *European Journal of Cancer, 46*(6), 1026-1032.

Stintzing, S., Hoffmann, R. T., Heinemann, V., Kufeld, M., Rentsch, M., & Muacevic, A. (2010). Radiosurgery of liver tumors: Value of robotic radiosurgical device to treat liver tumors. *Annals of Surgical Oncology, 17*(11), 2877-2883.

Stoffman, M. R., & Kim, J. H. (2003). Masson's vegetant hemangioendothelioma: Case report and literature review. *Journal of Neuro-Oncology, 61*(1), 17-22.

Strassmann, G., Vacha, P., Braun, I., Richter, D., & Engenhart-Cabillic, R. (2004). Methodology of continuous extracranial radiosurgery for lung cancer using EXOMIO 3-D CT simulation. *Strahlentherapie Und Onkologie, 180*(4), 241-244.

Svedman, C., Karlsson, K., Rutkowska, E., Sandstrom, P., Blomgren, H., Lax, I., & Wersall, P. (2008). Stereotactic body radiotherapy of primary and metastatic renal lesions for patients with only one functioning kidney. *Acta Oncologica, 47*(8), 1578-1583.

Svedman, C., Sandstrom, P., Pisa, P., Blomgren, H., Lax, I., Kalkner, K-M., Nilsson, S., et al. (2006). A prospective Phase II trial of using extracranial stereotactic radiotherapy in primary and metastatic renal cell carcinoma. *Acta Oncologica, 45*(7),870-5.

Swords FM, Allan CA, Plowman PN, Sibtain A, Evanson J, Chew SL, Grossman AB, Besser GM, Monson JP. Stereotactic radiosurgery XVI: a treatment for previously irradiated pituitary adenomas. *J Clin Endocrinol Metab.* 2003 Nov;88(11):5334-40. *St. Bartholomew's and The Royal London School of Medicine, London. United Kingdom.*

Tago, M., Terahara, A., Shin, M., Maruyama, K., Kurita, H., Nakagawa, K., & Ohtomo, K. (2005). Gamma knife surgery for hemangioblastomas. *Journal of Neurosurgery, 102*(Suppl), 171-174.

Takada, T.Y., Yoshiteru; Uno, Masahiro; Komeda, Hisao; Fujimoto, Yoshinori, Synergetic responses after administration of interleukin-2 and interferon-alpha combined with gamma knife radiosurgery in a patient with multiple lung and brain metastases: A case report. Acta Urologica Japonica, 2005. 51(6): p. 381-384.

Taki, S., Higashi, K., Oguchi, M., Tamamura, H., Tsuji, S., Ohta, K., . . . Iizuka, H. (2002). Changes in regional cerebral blood flow in irradiated regions and normal brain after stereotactic radiosurgery. *Annals of Nuclear Medicine, 16*(4), 273-277.

Takura, T.H., M.; Muragaki, Y.; Iseki, H.; Uetsuka, Y., [Study on medical economic evaluation methods for metastatic brain tumors therapy]. No Shinkei Geka. Neurological Surgery, 2010. 38(7): p. 629-37.

Tamura, Y., Miyatake, S., Nonoguchi, N., Miyata, S., Yokoyama, K., Doi, A., . . . Ono, K. (2006). Boron neutron capture therapy for recurrent malignant meningioma. case report. *Journal of Neurosurgery, 105*(6), 898-903.

Tanaka, S., Link, M. J., Brown, P. D., Stafford, S. L., Young, W. F.,Jr, & Pollock, B. E. (2010). Gamma knife radiosurgery for patients with prolactin-secreting pituitary adenomas. *World Neurosurgery, 74*(1), 147-152.

Teh BS, Paulino AC, Lu HH, Chiu JK, Richardson S, Chiang S, Amato R, Butler EB, Bloch C. Versatility of the Novalis System to Deliver Image-Guided Stereotactic Body Radiation Therapy (SBRT) for Various Anatomical Sites. *Technol Cancer Res Treat.* 2007 Aug;6(4):347-54. *Methodist Hospital Research Institute and Baylor College of Medicine, Houston*

Thariat et al, Br J Radiol, 2010. Innovative image guided Cyberknife stereotactic radiotherapy for bladder cancer. (Includes previously irradiated bladder cancer patient data).

Theelen, A., Martens, J., Bosmans, G., Houben, R., Jager, J. J., Rutten, I., . . . Baumert, B. G. (2012). Relocatable fixation systems in intracranial stereotactic radiotherapy. accuracy of serial CT scans and patient acceptance in a randomized design. *Strahlentherapie Und Onkologie, 188*(1), 84-90.

Timmerman R, Papiez L, McGarry R, Likes L, DesRosiers C, Frost S, Williams M. Extracranial stereotactic radioablation: results of a phase I study in medically inoperable stage I non-

small cell lung cancer. *Chest*. 2003 Nov;124(5):1946-55. *Indiana University, Indianapolis, IN*

Tomura, N., Izumi, J., Anbai, A., Takahashi, S., Sakuma, I., Omachi, K., et al. (2005). Thallium-201 SPECT in the evaluation of early effects on brain tumors treated with stereotactic irradiation. *Clinical Nuclear Medicine, 30*(2), 83-86.

Tomura, N., Izumi, J., Anbai, A., Takahashi, S., Sakuma, I., Omachi, K., . . . Mizoi, K. (2005). Thallium-201 SPECT in the evaluation of early effects on brain tumors treated with stereotactic irradiation. *Clinical Nuclear Medicine, 30*(2), 83-86.

Tooze A, Hiles CL, Sheehan JP. Neurocognitive Changes in Pituitary Adenoma Patients After Gamma Knife Radiosurgery: A Preliminary Study. World Neurosurg. 2011 Nov 7

Torok J, Wegner RE, Burton SA, Heron DE. Stereotactic body radiation therapy for adrenal metastases: a retrospective review of a noninvasive therapeutic strategy. *Future Oncol.* 2011 Jan;7(1):145-51. *University of Pittsburgh Cancer Institute, Pittsburgh, PA*

Torok, J., Wegner, R. E., Burton, S. A., & Heron, D. E. (2011). Stereotactic body radiation therapy for adrenal metastases: A retrospective review of a noninvasive therapeutic strategy. *Future Oncology, 7*(1), 145-151.

Townsend, N. C., Huth, B. J., Ding, W., Garber, B., Mooreville, M., Arrigo, S., . . . Brady, L. W. (2011). Acute toxicity after cyberknife-delivered hypofractionated radiotherapy for treatment of prostate cancer. *American Journal of Clinical Oncology, 34*(1), 6-10.

Tsutsumi, S.Y., Y.; Oizumi, H.; Ito, M., Chondrosarcoma with atypical clinical presentation treated by gamma knife radiosurgery for multiple brain metastases--case report. Neurologia Medico-Chirurgica, 2010. 50(6): p. 502-5.

Tsuyuguchi, N., Sunada, I., Iwai, Y., Yamanaka, K., Tanaka, K., Takami, T., . . . Hara, M. (2003). Methionine positron emission tomography of recurrent metastatic brain tumor and radiation necrosis after stereotactic radiosurgery: Is a differential diagnosis possible?. *Journal of Neurosurgery, 98*(5), 1056-1064.

Tsuyuguchi, N., Takami, T., Sunada, I., Iwai, Y., Yamanaka, K., Tanaka, K., et al. (2004). Methionine positron emission tomography for differentiation of recurrent brain tumor and radiation necrosis after stereotactic radiosurgery--in malignant glioma. *Annals of Nuclear Medicine, 18*(4), 291-296.

Tuttenberg, J., Fink, W., Back, W., Wenz, F., Schadendorf, D., & Thome, C. (2004). A rare primary sellar melanoma. case report. *Journal of Neurosurgery, 100*(5), 931-934.

Ulfarsson, E., Lindquist, C., Roberts, M., Rahn, T., Lindquist, M., Thoren, M., & Lippitz, B. (2002). Gamma knife radiosurgery for craniopharyngiomas: Long-term results in the first swedish patients. *Journal of Neurosurgery, 97*(5 Suppl), 613-622.

Underberg RW, Lagerwaard FJ, Slotman BJ, Cuijpers JP, Senan S. Benefit of respiration-gated stereotactic radiotherapy for stage I lung cancer: an analysis of 4DCT datasets. *Int J Radiat Oncol Biol Phys.* 2005 Jun 1;62(2):554-60. *VU University Medical Center, Amsterdam*

Underberg RW, Lagerwaard FJ, Slotman BJ, Cuijpers JP, Senan S. Use of maximum intensity projections (MIP) for target volume generation in 4DCT scans for lung cancer. *Int J Radiat Oncol Biol Phys*. 2005 Sep 1;63(1):253-60. *VU University Medical Center, Amsterdam, NL*

Underberg RW, Lagerwaard FJ, van Tinteren H, Cuijpers JP, Slotman BJ, Senan S. Time trends in target volumes for stage I non-small-cell lung cancer after stereotactic radiotherapy. *Int J Radiat Oncol Biol Phys.* 2006 Mar 15;64(4):1221-8. *VU University Medical Center, Amsterdam*, Full Text + Links | PDF

Underberg, R. W., Lagerwaard, F. J., van Tinteren, H., Cuijpers, J. P., Slotman, B. J., & Senan, S. (2006). Time trends in target volumes for stage I non-small-cell lung cancer after stereotactic radiotherapy. *International Journal of Radiation Oncology, Biology, Physics, 64*(4), 1221-1228.

Unger, F., Haselsberger, K., Walch, C., Stammberger, H., & Papaefthymiou, G. (2005). Combined endoscopic surgery and radiosurgery as treatment modality for olfactory neuroblastoma (esthesioneuroblastoma). *Acta Neurochirurgica, 147*(6), 595-601.

Unger, K., Ju, A., Oermann, E., Suy, S., Yu, X., Vahdat, S., . . . Collins, B. T. (2010). CyberKnife for hilar lung tumors: Report of clinical response and toxicity. *Journal of Hematology & Oncology, 3*, 39.

Uno, Isobe, Ueno, Fukuda, Sudo, Shirotori, Kitahara, Fukushima and Ito, Fractionated stereotactic radiotherapy as a boost treatment for tumors in the head and neck region. Journal/J Radiat Res (Tokyo), 51, 449-54, 2010

Vachhani, J. A., & Friedman, W. A. (2007). Radiosurgery in patients with bilateral vestibular schwannomas. *Stereotactic & Functional Neurosurgery, 85*(6), 273-278.

Vahdat, S., Oermann, E. K., Collins, S. P., Yu, X., Abedalthagafi, M., Debrito, P., . . . Collins, B. T. (2010). CyberKnife radiosurgery for inoperable stage IA non-small cell lung cancer: 18F-fluorodeoxyglucose positron emission tomography/computed tomography serial tumor response assessment. *Journal of Hematology & Oncology, 3*, 6.

Valery, C. A., Boskos, C., Boisserie, G., Lamproglou, I., Cornu, P., Mazeron, J. J., & Simon, J. M. (2011). Minimized doses for linear accelerator radiosurgery of brainstem metastasis. *International Journal of Radiation Oncology, Biology, Physics, 80*(2), 362-368.

van der Voort van Zyp NC, Prevost JB, van der Holt B, et al. Quality of life after stereotactic radiotherapy for stage I non-small-cell lung cancer. Int J Radiat Oncol Biol Phys 2010;77:31-37.

van der Voort van Zyp,N.C., Prevost, J. B., van der Holt, B., Braat, C., van Klaveren, R. J., Pattynama, P. M., . . . Nuyttens, J. J. (2010). Quality of life after stereotactic radiotherapy for stage I non-small-cell lung cancer. *International Journal of Radiation Oncology, Biology, Physics, 77*(1), 31-37.

Vanderspek, L., Bauman, G., Wang, J. Z., Yartsev, S., Menard, C., Cho, Y. B., . . . Murphy, K. T. (2009). Dosimetric comparison of intensity-modulated radiosurgery and helical tomotherapy for the treatment of multiple intracranial metastases. *Technology in Cancer Research & Treatment, 8*(5), 361-367.

Vassiliev ON, Kry SF, Chang JY, Balter PA, Titt U, Mohan R. Stereotactic radiotherapy for lung cancer using a flattening filter free Clinac. *J Appl Clin Med Phys*. 2009 Jan 27;10(1):2880.Rusthoven KE, Hammerman

Vautravers-Dewas, C., Dewas, S., Bonodeau, F., Adenis, A., Lacornerie, T., Penel, N., . . . Mirabel, X. (2011). Image-guided robotic stereotactic body radiation therapy for liver metastases: Is there a dose response relationship?. *International Journal of Radiation Oncology, Biology, Physics, 81*(3), e39-47.

Vavassori, A., Jereczek-Fossa, B. A., Beltramo, G., De Cicco, L., Fariselli, L., Bianchi, L. C., . . . Orecchia, R. (2010). Image-guided robotic radiosurgery as salvage therapy for locally recurrent prostate cancer after external beam irradiation: Retrospective feasibility study on six cases. *Tumori, 96*(1), 71-75.

Videtic GM, Stephans K, Reddy C, Gajdos S, Kolar M, Clouser E, Djemil T. Intensity-modulated radiotherapy- based stereotactic body radiotherapy for medically inoperable early-stage lung cancer: excellent local control. *Int J Radiat Oncol Biol Phys.* 2010 Jun 1;77(2):344-9. *Cleveland Clinic Foundation, Cleveland*

Videtic, G. M., Stephans, K., Reddy, C., Gajdos, S., Kolar, M., Clouser, E., & Djemil, T. (2010). Intensity-modulated radiotherapy-based stereotactic body radiotherapy for medically inoperable early-stage lung cancer: Excellent local control. *International Journal of Radiation Oncology, Biology, Physics, 77*(2), 344-349.

Vik-Mo, E. O., Oksnes, M., Pedersen, P. H., Wentzel-Larsen, T., Rodahl, E., Thorsen, F., . . . Lund-Johansen, M. (2009). Gamma knife stereotactic radiosurgery of nelson syndrome. *European Journal of Endocrinology, 160*(2), 143-148.

Voroney JP, Hope A, Dahele MR, Purdy T, Franks KN, Pearson S, Cho JB, Sun A, Payne DG, Bissonnette JP, Bezjak A, Brade AM. Chest wall pain and rib fracture after stereotactic radiotherapy for peripheral nonsmall cell lung cancer. *J Thorac Oncol.* 2009 Aug;4(8):1035-7 *Cleveland Clinic Foundation, Cleveland*

Wang, B., Rassiah-Szegedi, P., Zhao, H., Huang, Y. J., Sarkar, V., Szegedi, M., . . . Salter, B. J. (2011). Initial experience and clinical comparison of two image guidance methods for SBRT treatment: 4DCT versus respiratory-triggered imaging. *Journal of Applied Clinical Medical Physics, 12*(3), 3429.

Wang, L., Hayes, S., Paskalev, K., Jin, L., Buyyounouski, M. K., Ma, C. C., & Feigenberg, S. (2009). Dosimetric comparison of stereotactic body radiotherapy using 4D CT and multiphase CT images for treatment planning of lung cancer: Evaluation of the impact on daily dose coverage. *Radiotherapy & Oncology, 91*(3), 314-324.

Wasenko, J. J., & Rodziewicz, G. S. (2003). Suprasellar hemangioblastoma in von hippel-lindau disease: A case report. *Clinical Imaging, 27*(1), 18-22.

Whyte, R. I., Crownover, R., Murphy, M. J., Martin, D. P., Rice, T. W., DeCamp, M. M.,Jr, . . . Le, Q. T. (2003). Stereotactic radiosurgery for lung tumors: Preliminary report of a phase I trial. *Annals of Thoracic Surgery, 75*(4), 1097-1101.

Wiegner, E. A., & King, C. R. (2010). Sexual function after stereotactic body radiotherapy for prostate cancer: Results of a prospective clinical trial. *International Journal of Radiation Oncology, Biology, Physics, 78*(2), 442-448.

Williamson, R., Kondziolka, D., Kanaan, H., Lunsford, L. D., & Flickinger, J. C. (2008). Adverse radiation effects after radiosurgery may benefit from oral vitamin E and pentoxifylline therapy: A pilot study. *Stereotactic & Functional Neurosurgery, 86*(6), 359-366.

Worm, E. S., Hansen, A. T., Petersen, J. B., Muren, L. P., Praestegaard, L. H., & Hoyer, M. (2010). Inter- and intrafractional localisation errors in cone-beam CT guided stereotactic radiation therapy of tumours in the liver and lung. *Acta Oncologica, 49*(7), 1177-1183.

Wowra, B., Muacevic, A., Muller-Schunk, S., & Tonn, J. C. (2004). Special indications in gamma knife surgery. *Acta Neurochirurgica - Supplement, 91*, 89-102.

Wu AJ, Bilsky MH, Edgar MA, Yamada Y. Near-complete pathological response of chordoma to high-dose single-fraction radiotherapy: case report. *Neurosurgery*. 2009 Feb;64(2):E389-90. *Memorial Sloan-Kettering Cancer Center, New York*

Wu QJ, Thongphiew D, Wang Z, Chankong V, Yin FF. The impact of respiratory motion and treatment technique on stereotactic body radiation therapy for liver cancer. *Med Phys.* 2008 Apr;35(4):1440-51. *Duke University Medical Center Durham*

Wu QJ, Wang Z, Kirkpatrick JP, Chang Z, Meyer JJ, Lu M, Huntzinger C, Yin FF. Impact of collimator leaf width and treatment technique on stereotactic radiosurgery and radiotherapy plans for intra- and extracranial lesions. *Radiat Oncol*. 2009 Jan 21;4(1):3. *Duke University, Durham, NC*

Wu, Q. J., Wang, Z., Kirkpatrick, J. P., Chang, Z., Meyer, J. J., Lu, M., . . . Yin, F. F. (2009). Impact of collimator leaf width and treatment technique on stereotactic radiosurgery and radiotherapy plans for intra- and extracranial lesions. *Radiation Oncology, 4*, 3.

Xia, N. X., Qiu, B. A., Wen, J. Y., Zhu, J. Y., & Liu, P. (2009). [Therapeutic effect of two-pathway chemotherapy in combination with gamma-ray stereotactic radiotherapy on local

advanced pancreatic cancer: An analysis of 12 cases]. *World Chinese Journal of Digestology, 17*(18), 1888-1893.

Xia, T., Li, H., Sun, Q., Wang, Y., Fan, N., Yu, Y., . . . Chang, J. Y. (2006). Promising clinical outcome of stereotactic body radiation therapy for patients with inoperable stage I/II non-small-cell lung cancer. *International Journal of Radiation Oncology, Biology, Physics, 66*(1), 117-125.

Xiao, J., Zhang, H., Gong, Y., Fu, Y., Tang, B., Wang, S., . . . Li, P. (2010). Feasibility of using intravenous contrast-enhanced computed tomography (CT) scans in lung cancer treatment planning. *Radiotherapy & Oncology, 96*(1), 73-77.

Xiao, Y., Papiez, L., Paulus, R., Timmerman, R., Straube, W. L., Bosch, W. R., . . . Galvin, J. M. (2009). Dosimetric evaluation of heterogeneity corrections for RTOG 0236: Stereotactic body radiotherapy of inoperable stage I-II non-small-cell lung cancer. *International Journal of Radiation Oncology, Biology, Physics, 73*(4), 1235-1242.

Xu, D., Liu, D., Zhang, Z., Zhang, Y., & Song, G. (2011). Gamma knife radiosurgery for primary orbital varices: A preliminary report. *British Journal of Ophthalmology, 95*(9), 1264-1267.

Yamamoto, K.O., Shirei; Inoue, Hiromi; Kudoh, Kazuya; Kita, Tsunekazu; Kikuchi, Yoshihiro, Chronic administration of single weekly paclitaxel in heavily pretreated ovarian cancer patients. Current medicinal chemistry, 2004. 11(4): p. 425-8.

Yau, T. K., Sze, W. M., Lee, W. M., Yeung, M. W., Leung, K. C., Hung, W. M., & Chan, W. I. (2004). Effectiveness of brachytherapy and fractionated stereotactic radiotherapy boost for persistent nasopharyngeal carcinoma. *Head & Neck, 26*(12), 1024-1030.

Yen, C. P., Sheehan, J., Patterson, G., & Steiner, L. (2007). Gamma knife surgery for neurocytoma. *Journal of Neurosurgery, 107*(1), 7-12.

Yen, C. P., Sheehan, J., Steiner, M., Patterson, G., & Steiner, L. (2007). Gamma knife surgery for focal brainstem gliomas. *Journal of Neurosurgery, 106*(1), 8-17.

Yen, D. J., Chung, W. Y., Shih, Y. H., Chen, C., Lirng, J. F., Yiu, C. H., . . . Pan, D. H. (2009). Gamma knife radiosurgery for the treatment of recurrent seizures after incomplete anterior temporal lobectomy. *Seizure, 18*(7), 511-514.

Yokouchi, H.N., H.; Ide, Y.; Okada, K.; Yanagisawa, T.; Mukai, R.; Ota, H.; Maruyama, K.; Murata, K.; Kinuta, M.; Tamai, M.; Miyao, Y.; Mori, H., [Two cases of lung cancer patients with postoperative brain metastases obtaining long-term survival after gamma knife radiosurgery]. Gan to Kagaku Ryoho, 2010. 37(12): p. 2738-40.

Yomo, S., Hayashi, M., Chernov, M., Tamura, N., Izawa, M., Okada, Y., . . . Iseki, H. (2009). Stereotactic radiosurgery of residual or recurrent craniopharyngioma: New treatment concept using leksell gamma knife model C with automatic positioning system. *Stereotactic & Functional Neurosurgery, 87*(6), 360-367.

Yoneoka, Y., Tsumanuma, I., Fukuda, M., Tamura, T., Morii, K., Tanaka, R., & Fujii, Y. (2008). Cranial base chordoma--long term outcome and review of the literature. *Acta Neurochirurgica, 150*(8), 773-778.

Yoo, T.W.P., E. S.; Kwon do, H.; Kim, C. J., Gamma knife radiosurgery for brainstem metastasis. J Korean Neurosurg Soc, 2011. 50(4): p. 299-303.

Yu, J. L., Yang, S., Luo, Q., Wang, H. L., Wang, B., Qu, Y. Y., & Xu, K. (2011). Endovascular treatment of intracranial ruptured aneurysms associated with arteriovenous malformations: A clinical analysis of 14 hemorrhagic cases. *Interventional Neuroradiology, 17*(1), 78-86.

Zhang, G. G., Ku, L., Dilling, T. J., Stevens, C. W., Zhang, R. R., Li, W., & Feygelman, V. (2011). Volumetric modulated arc planning for lung stereotactic body radiotherapy using conventional and unflattened photon beams: A dosimetric comparison with 3D technique. *Radiation Oncology, 6*, 152.

Zorlu, F., Selek, U., & Kiratli, H. (2009). Initial results of fractionated CyberKnife radiosurgery for uveal melanoma. *Journal of Neuro-Oncology, 94*(1), 111-117.

Search Date Not Relevant

Ahn, J.Y.C., J. H.; Kim, S. H.; Lee, K. S., Pleomorphic adenocarcinoma of the lacrimal gland with multiple intracranial and spinal metastases. World J Surg Oncol, 2007. 5: p. 29.

Ahn, Lee, Kim, Huh, Yeo, Lim, Kim, Shin, Park and Chang, Fractionated stereotactic radiation therapy for extracranial head and neck tumors. Journal/Int J Radiat Oncol Biol Phys, 48, 501-5, 2000

Akyurek S, Chang EL, Mahajan A, Hassenbusch SJ, Allen PK, Mathews LA, Shiu AS, Maor MH, Woo SY. Stereotactic radiosurgical treatment of cerebral metastases arising from breast cancer. *Am J Clin Oncol*. 2007 Jun;30(3):310-4. *MD Anderson Cancer Center, Houston*

Akyurek, S., Chang, E. L., Mahajan, A., Hassenbusch, S. J., Allen, P. K., Mathews, L. A., . . . Woo, S. Y. (2007). Stereotactic radiosurgical treatment of cerebral metastases arising from breast cancer. *American Journal of Clinical Oncology, 30*(3), 310-314.

Amendola, B.E.W., A. L.; Coy, S. R.; Amendola, M.; Bloch, L., Brain metastases in renal cell carcinoma: management with gamma knife radiosurgery. The cancer journal, 2000. 6(6): p. 372-6.

Amendola, B.E.W., A. L.; Coy, S. R.; Amendola, M.; Bloch, L., Gamma knife radiosurgery in the treatment of patients with single and multiple brain metastases from carcinoma of the breast. The cancer journal, 2000. 6(2): p. 88-92.

Andrews DW, Scott CB, Sperduto PW, Flanders AE, Gaspar LE, Schell MC, Werner-Wasik M, Demas W, Ryu J, Bahary JP, Souhami L, Rotman M, Mehta MP, Curran WJ Jr. Whole

brain radiation therapy with or without stereotactic radiosurgery boost for patients with one to three brain metastases: phase III results of the RTOG 9508 randomised trial.Lancet. 2004;363(9422):1665.

Andrews DW, Suarez O, Goldman HW, Downes MB, Bednarz G, Corn BW, Werner-Wasik M, Rosenstock J, Curran WJ Jr. Stereotactic radiosurgery and fractionated stereotactic radiotherapy for the treatment of acoustic schwannomas: comparative observations of 125 patients treated at one institution. *Int J Radiat Oncol Biol Phys.* 2001 Aug 1;50(5):1265-78.*Thomas Jefferson University, Philadelphia.*

Andrews, D. W., Scott, C. B., Sperduto, P. W., Flanders, A. E., Gaspar, L. E., Schell, M. C., et al. (2004). Whole brain radiation therapy with or without stereotactic radiosurgery boost for patients with one to three brain metastases: Phase III results of the RTOG 9508 randomised trial. *Lancet, 363*(9422), 1665-1672.

Andrews, D. W., Scott, C. B., Sperduto, P. W., Flanders, A. E., Gaspar, L. E., Schell, M. C., . . . Curran, W. J.,Jr. (2004). Whole brain radiation therapy with or without stereotactic radiosurgery boost for patients with one to three brain metastases: Phase III results of the RTOG 9508 randomised trial. *Lancet, 363*(9422), 1665-1672.

Aoyama, H., Shirato, H., Onimaru, R., Kagei, K., Ikeda, J., Ishii, N., . . . Miyasaka, K. (2003). Hypofractionated stereotactic radiotherapy alone without whole-brain irradiation for patients with solitary and oligo brain metastasis using noninvasive fixation of the skull. *International Journal of Radiation Oncology, Biology, Physics, 56*(3), 793-800.

Aoyama, H., Shirato, H., Tago, M., Nakagawa, K., Toyoda, T., Hatano, K., et al. (2006). Stereotactic radiosurgery plus whole-brain radiation therapy vs stereotactic radiosurgery alone for treatment of brain metastases: A randomized controlled trial. *JAMA : The Journal of the American Medical Association, 295*(21), 2483-2491.

Aoyama, H., Shirato, H., Tago, M., Nakagawa, K., Toyoda, T., Hatano, K., . . . Kobashi, G. (2006). Stereotactic radiosurgery plus whole-brain radiation therapy vs stereotactic radiosurgery alone for treatment of brain metastases: A randomized controlled trial. *JAMA, 295*(21), 2483-2491.

Aoyama, H., Tago, M., Kato, N., Toyoda, T., Kenjyo, M., Hirota, S., et al. (2007). Neurocognitive function of patients with brain metastasis who received either whole brain radiotherapy plus stereotactic radiosurgery or radiosurgery alone. *International Journal of Radiation Oncology, Biology, Physics, 68*(5), 1388-1395.

Armstrong JG, & Minsky BD. (1989). Radiation therapy for medically inoperable stage I and II non-small cell lung cancer.*Cancer Treat Rev, 16*(4), 247–255.

Baardsen, R.L., John Ludvig; Wester, Knut; Pedersen, Paal Henning, Gamma knife radiosurgery of intracranial metastases. Tidsskrift for den Norske Laegeforening, 1997. 117(11): p. 1591-1595.

Bartsch, R., Fromm, S., Rudas, M., Wenzel, C., Harbauer, S., Roessler, K., . . . Dieckmann, K. (2006). Intensified local treatment and systemic therapy significantly increase survival in patients with brain metastases from advanced breast cancer - a retrospective analysis. *Radiotherapy & Oncology, 80*(3), 313-317.

Becker, G., Jeremic, B., Engel, C., Buchgeister, M., Paulsen, F., Duffner, F., . . . Bamberg, M. (2002). Radiosurgery for brain metastases: The tuebingen experience. *Radiotherapy & Oncology, 62*(2), 233-237.

Benedict SH, Cardinale RM, Wu Q, Zwicker RD, Broaddus WC, Mohan R. Intensity-modulated stereotactic radiosurgery using dynamic micro-multileaf collimation. *Int J Radiat Oncol Biol Phys.* 2001 Jul 1;50(3):751-8. *Medical College of Virginia, Richmond, VA*

Benk V, Clark BG, Souhami L, Algan O, Bahary J, Podgorsak EB, Freeman CR. Stereotactic radiation in primary brain tumors in children and adolescents. *Pediatr Neurosurg*. 1999 Aug;31(2):59-64. *McGill University, Montreal, Quebec*

Berk, H.W.L., J. M.; Spaulding, C.; Agarwal, S. K.; Scott, M. R.; Steiner, L., Extracranial absorbed doses with Gamma Knife radiosurgery. Stereotactic and functional neurosurgery, 1993. 61(Suppl 1): p. 164-72.

Bhatnagar, A.K.K., D.; Lunsford, L. D.; Flickinger, J. C., Recursive partitioning analysis of prognostic factors for patients with four or more intracranial metastases treated with radiosurgery. Technol Cancer Res Treat, 2007. 6(3): p. 153-60.

Bilsky MH, Yenice K, Lovelock M, Yamada J. Stereotactic intensity-modulation radiation therapy for vertebral body and paraspinal tumors. *Neurosurg Focus*. 2001 Dec 15;11(6):e7. *Memorial Sloan-Kettering Cancer Center, New York*

Binder D, Temmesfeld-Wollbruck B, Wurm R, Woiciechowsky C, Schaper C, Schurmann D, Suttorp N, BeinertT. [Brain metastases of lung cancer] *Dtsch Med Wochenschr.* 2006 Jan 27;131(4):165-71. *Charité- Universitätsmedizin, Berlin, DE*

Boran, B.O.K., T.; Peker, S.; Sengöz, M.; Erdivanli, B.; Pamir, N., Gamma knife radiosurgery in the management of brain metastases. Turkish Neurosurgery, 2001. 11(1- 2): p. 9-17.

Bova FJ, Buatti JM, Friedman WA, Mendenhall WM, Yang CC, Liu C. The University of Florida frameless high-precision stereotactic radiotherapy system. *Int J Radiat Oncol Biol Phys.* 1997 Jul 1;38(4):875-82. *University of Florida, Gainesville.*

Bova FJ, Goetsch SJ. Modern linac stereotactic radiosurgery systems have rendered the Gamma Knife obsolete. *Med Phys. 2001* Sep;28(9):1839-41. *University of Florida, Gainesville*

Bova FJ, Meeks SL, Friedman WA, Buatti JM. Optic-guided stereotactic radiotherapy. *Med Dosim.* 1998 Fall;23(3):221-8. *University of Florida, Gainesville*

Brown Iii, J.V.E., H. D.; Kim, R.; Micha, J. P.; Rettenmaier, M. A.; Mattison, J. A.; Goldstein, B. H., Rapid manifestation of CNS metastatic disease in a cervical carcinoma patient: a case report. Oncology, 2007. 73(3-4): p. 273-6.

Brown, P. D., Brown, C. A., Pollock, B. E., Gorman, D. A., & Foote, R. L. (2002). Stereotactic radiosurgery for patients with "radioresistant" brain metastases. *Neurosurgery, 51*(3), 656-665.

Buatti JM, Bova FJ, Friedman WA, Meeks SL, Marcus RB Jr, Mickle JP, Ellis TL, Mendenhall WM. Preliminary experience with frameless stereotactic radiotherapy. *Int J Radiat Oncol Biol Phys.* 1998 Oct 1;42(3):591-9. *University of Florida, Gainesville*

Buatti JM, Friedman WA, Meeks SL, Bova FJ. RTOG 90-05: the real conclusion. *Int J Radiat Oncol Biol Phys.* 2000 May 1;47(2):269-71. *University of Florida, Gainesville*

Buatti JM, Friedman WA, Meeks SL, Bova FJ. The radiobiology of radiosurgery and stereotactic radiotherapy. *Med Dosim.* 1998 Fall;23(3):201-7. *University of Florida, Gainesville, FL*

Buatti JM, Meeks SL, Friedman WA, Bova FJ. Stereotactic radiosurgery: techniques and clinical applications. *Surg Oncol Clin N Am.* 2000 Jul;9(3):469-87, *University of Florida, Gainesville*

Buchsbaum, J. C., Suh, J. H., Lee, S. Y., Chidel, M. A., Greskovich, J. F., & Barnett, G. H. (2002). Survival by radiation therapy oncology group recursive partitioning analysis class and treatment modality in patients with brain metastases from malignant melanoma: A retrospective study. *Cancer, 94*(8), 2265-2272.

Burri, S. H., Asher, A., & Shaffrey, M. (2004). Brain metastases treated with radiosurgery alone: An alternative to whole brain radiotherapy?. *Neurosurgery, 54*(4), 1033-1034.

Cha, S.T.J., R.; Mathiesen, R. A.; Suh, R.; Shahinian, H. K., Cerebellopontine angle metastasis from papillary carcinoma of the thyroid: case report and literature review. Surgical Neurology, 2000. 54(4): p. 320-6.

Chang EL, Selek U, Hassenbusch SJ 3rd, Maor MH, Allen PK, Mahajan A, Sawaya R, Woo SY. Outcome variation among "radioresistant" brain metastases treated with stereotactic radiosurgery. Neurosurgery. 2005 May;56(5):936-45; discussion 936-45. MD Anderson Cancer Center, Houston

Chang, E. L., Selek, U., Hassenbusch, S. J.,3rd, Maor, M. H., Allen, P. K., Mahajan, A., . . . Woo, S. Y. (2005). Outcome variation among "radioresistant" brain metastases treated with stereotactic radiosurgery. *Neurosurgery, 56*(5), 936-945.

Chao ST, Barnett GH, Vogelbaum MA, Angelov L, Weil RJ, Neyman G, Reuther AM, Suh JH. Salvage stereotactic radiosurgery effectively treats recurrences from whole-brain radiation therapy. Cancer. 2008;113(8):2198.

Chao, S. T., Barnett, G. H., Vogelbaum, M. A., Angelov, L., Weil, R. J., Neyman, G., . . . Suh, J. H. (2008). Salvage stereotactic radiosurgery effectively treats recurrences from whole-brain radiation therapy. *Cancer, 113*(8), 2198-2204.

Chen, J.C.P., Z.; O'Day, S.; Morton, D.; Essner, R.; Giannotta, S. L.; Yu, C.; Apuzzo, M. L., Stereotactic radiosurgery in the treatment of metastatic disease to the brain. Neurosurgery, 2000. 47(2): p. 268-79.

Chernov, M.F.H., M.; Izawa, M.; Usukura, M.; Yoshida, S.; Ono, Y.; Muragaki, Y.; Kubo, O.; Hori, T.; Takakura, K., Multivoxel proton MRS for differentiation of radiation-induced necrosis and tumor recurrence after gamma knife radiosurgery for brain metastases. Brain tumor pathology, 2006. 23(1): p. 19-27.

Chernov, M.F.H., Motohiro; Izawa, Masahiro; Abe, Kayoko; Usukura, Masao; Ono, Yuko; Kubo, Osami; Hori, Tomokatsu, Early metabolic changes in metastatic brain tumors after Gamma Knife radiosurgery: 1H-MRS study. Brain tumor pathology, 2004. 21(2): p. 63-7.

Chernov, M.H., M.; Izawa, M.; Ochiai, T.; Usukura, M.; Abe, K.; Ono, Y.; Muragaki, Y.; Kubo, O.; Hori, T.; Takakura, K., Differentiation of the radiation-induced necrosis and tumor recurrence after gamma knife radiosurgery for brain metastases: importance of multi-voxel proton MRS. Minimally invasive neurosurgery : MIN, 2005. 48(4): p. 228-34.

Chitapanarux I, Goss B, Vongtama R, Frighetto L, De Salles A, Selch M, Duick M, Solberg T, Wallace R, Cabatan-Awang C, Ford J. Prospective study of stereotactic radiosurgery without whole brain radiotherapy in patients with four or less brain metastases: incidence of intracranial progression and salvage radiotherapy. *J Neurooncol*. 2003 Jan;61(2):143-9. *UCLA, Los Angeles*

Chitapanarux, I., Goss, B., Vongtama, R., Frighetto, L., De Salles, A., Selch, M., . . . Ford, J. (2003). Prospective study of stereotactic radiosurgery without whole brain radiotherapy in patients with four or less brain metastases: Incidence of intracranial progression and salvage radiotherapy. *Journal of Neuro-Oncology, 61*(2), 143-149.

Chun, P.Y.S., J.; Patterson, G.; Steiner, L., Gamma Knife surgery for metastatic brainstem tumors. Journal of neurosurgery, 2006. 105(2): p. 213-219.

Combs, S. E., Schulz-Ertner, D., Thilmann, C., Edler, L., & Debus, J. (2004). Treatment of cerebral metastases from breast cancer with stereotactic radiosurgery. *Strahlentherapie Und Onkologie, 180*(9), 590-596.

Cosgrove VP, Jahn U, Pfaender M, Bauer S, Budach V, Wurm RE. Commissioning of a micro multi-leaf collimator and planning system for stereotactic radiosurgery. *Radiother Oncol*. 1999 Mar;50(3):325-36. *Universitätsklinikum Charité, Berlin, DE*

Curry, W. T.,Jr, Cosgrove, G. R., Hochberg, F. H., Loeffler, J., & Zervas, N. T. (2005). Stereotactic interstitial radiosurgery for cerebral metastases. *Journal of Neurosurgery, 103*(4), 630-635.

Das IJ, Downes MB, Corn BW, Curran WJ, Werner-Wasik M, Andrews DW. Characteristics of a dedicated linear accelerator-based stereotactic radiosurgery-radiotherapy unit. *Radiother Oncol*. 1996 Jan;38(1):61-8. *Fox Chase Cancer Center, Philadelphia*

Datta, R., Jawahar, A., Ampil, F. L., Shi, R., Nanda, A., & D'Agostino, H. (2004). Survival in relation to radiotherapeutic modality for brain metastasis: Whole brain irradiation vs. gamma knife radiosurgery. *American Journal of Clinical Oncology, 27*(4), 420-424.

Datta, R., Jawahar, A., Ampil, F. L., Shi, R., Nanda, A., & D'Agostino, H. (2004). Survival in relation to radiotherapeutic modality for brain metastasis: Whole brain irradiation vs. gamma knife radiosurgery. *American Journal of Clinical Oncology, 27*(4), 420-424.

Deane Jacques and Ron Young. (1999). Movement Disorders and Radiosurgery. Another Perspective, 4(4). http://www.irsa.org/publications/Vol4No4.pdf

DiBiase, S.J.C., Lawrence S.; Ma, Lijun, Influence of gamma knife radiosurgery on the quality of life in patients with brain metastases. American journal of clinical oncology, 2002. 25(2): p. 131-4.

Doh LS, Amato RJ, Paulino AC, Teh BS. Radiation therapy in the management of brain metastases from renal cell carcinoma. *Oncology* (Williston Park). 2006 May;20(6):603-13; discussion 613, 616, 619-20. *Baylor College of Medicine – The Methodist Hospital, Houston*

Douglas, J.G.G., R., A simple treatment planning strategy for patients with multiple metastases treated with Gamma Knife surgery. Journal of Neurosurgery, 2006. 105 Suppl: p. 2-4.

Ernst-Stecken A, Ganslandt O, Lambrecht U, Sauer R, Grabenbauer G. Phase II trial of hypofractionated stereotactic radiotherapy for brain metastases: results and toxicity. Radiother Oncol. 2006 Oct;81(1):18-24. *University of Erlangen-Nuremberg, Erlangen, DE*

Facciuto ME, Singh MK, Rochon C, Sharma J, Gimenez C, Katta U, Moorthy CR,Bentley-Hibbert S, Rodriguez-Davalos M, Wolf DC. Stereotactic body radiation therapy in hepatocellular carcinoma and cirrhosis: evaluation of radiological and pathological response. J Surg Oncol. 2012 Jun 1;105(7):692-8.

Fan CJ, Devanna WG, Leybovich LB, Kurup RG, Hopkins BJ, Melian E, Anderson D, Glasgow GP. Dosimetry of very-small (5-10 mm) and small (12.5-40 mm) diameter cones and dose verification for radiosurgery with 6-MV X-ray beams. *Stereotact Funct Neurosurg*. 1996-1997;67(3-4):183-97. *Loyola University, Maywood, IL*

Feng, J. X., Ren, Q. R., & Xu, C. M. (2002). An analysis of treatment result for brain metastasis of stereotactic radiosurgery plus radiotherapy. *Cancer Research on Prevention and Treatment, 29*(5), 394-395.

Firlik, K.S.K., D.; Flickinger, J. C.; Lunsford, L. D., Stereotactic radiosurgery for brain metastases from breast cancer. Annals of surgical oncology, 2000. 7(5): p. 333-8.

Flickinger, J.C.K., D.; Lunsford, L. D.; Coffey, R. J.; Goodman, M. L.; Shaw, E. G.; Hudgins, W. R.; Weiner, R.; Harsh, G. R. th; Sneed, P. K.; et al.,, A multi-institutional experience with stereotactic radiosurgery for solitary brain metastasis. International Journal of Radiation Oncology Biology Physics, 1994. 28(4): p. 797-802.

Foote KD, Friedman WA, Buatti JM, Meeks SL, Bova FJ, Kubilis PS. Analysis of risk factors associated with radiosurgery for vestibular schwannoma. *J Neurosurg*. 2001 Sep;95(3):440-9. *University of Florida, Gainesville*

Friedman WA, Bova FJ, Spiegelmann R. Linear accelerator radiosurgery at the University of Florida., *Neurosurg Clin N Am*. 1992 Jan;3(1):141-66. *University of Florida, Gainesville.*

Friedman WA. Linear accelerator radiosurgery., *Clin Neurosurg.* 1992;38:445-71. Review *University of Florida, Gainesville.*

Fuentes, R., Bonfill, X., & Exposito, J. (2006). Surgery versus radiosurgery for patients with a solitary brain metastasis from non-small cell lung cancer. *Cochrane Database of Systematic Reviews,* (1), 004840.

Fujita, A.F., S.; Takabatake, H.; Tagaki, S.; Sekine, K., Combination chemotherapy of cisplatin, ifosfamide, and irinotecan with rhG-CSF support in patients with brain metastases from non-small cell lung cancer. Oncology, 2000. 59(4): p. 291-5.

Fukuoka, S.S., Y.; Takanashi, M.; Takahashi, S.; Suematsu, K.; Nakamura, J., Radiosurgery of brain metastases with the Gamma Knife. Stereotactic and functional neurosurgery, 1996. 66(Suppl 1): p. 193-200.

Gaudy-Marqueste, C., Regis, J. M., Muracciole, X., Laurans, R., Richard, M. A., Bonerandi, J. J., & Grob, J. J. (2006). Gamma-knife radiosurgery in the management of melanoma patients with brain metastases: A series of 106 patients without whole-brain radiotherapy. *International Journal of Radiation Oncology, Biology, Physics, 65*(3), 809-816.

Geinitz H, Zimmermann FB, Kuzmany A, Kneschaurek P. Daily CT planning during boost irradiation of prostate cancer. Feasibility and time requirements. *Strahlenther Onkol.* 2000 Sep;176(9):429-32 *Universität München, Munich, DE*

Gerosa, M.A.N., A.; Berlucchi, S.; Piovan, E.; Zampieri, P. G.; Pasoli, A.; Foroni, R.; Giri, M. G.; Marchini, G.; Babighian, S.; et al.,, Gamma Knife radiosurgery of primary and metastatic malignant brain tumors, a preliminary report. Stereotactic and functional neurosurgery, 1995. 64(Suppl 1): p. 56-66.

Gerosa, M.N., A.; Severi, F.; Ferraresi, P.; Masotto, B.; Barone, G.; Foroni, R.; Piovan, E.; Pasoli, A.; Bricolo, A., Gamma Knife radiosurgery for intracranial metastases: from local tumor control to increased survival. Stereotactic and functional neurosurgery, 1996. 66(Suppl 1): p. 184-92.

Glaholm J, Bloom HJ, Crow JH. The role of radiotherapy in the management of intracranial meningiomas: the Royal Marsden Hospital experience with 186 patients. Int J Radiat Oncol Biol Phys. 1990;18(4):755.

Gonzalez-Martinez, J., Hernandez, L., Zamorano, L., Sloan, A., Levin, K., Lo, S., . . . Diaz, F. (2002). Gamma knife radiosurgery for intracranial metastatic melanoma: A 6-year experience. *Journal of Neurosurgery, 97*(5 Suppl), 494-498.

Grebe G, Pfaender M, Roll M, Luedemann L, Wurm RE. Dynamic arc radiosurgery and radiotherapy: commissioning and verification of dose distributions. *Int J Radiat Oncol Biol Phys.* 2001 Apr 1;49(5):1451-60. Erratum in: *Int J Radiat Oncol Biol Phys* 2001 Nov 1;51(3):865. *Charité-Universitätsmedizin, Berlin, DE*

Gursky, J.T.R., T. A.; Black, J. L., ECT administration in a patient after craniotomy and gamma knife surgery: a case report and review. The journal of ECT, 2000. 16(3): p. 295- 9.

Hasegawa, T., Kondziolka, D., Flickinger, J. C., & Lunsford, L. D. (2003). Stereotactic radiosurgery for brain metastases from gastrointestinal tract cancer. *Surgical Neurology, 60*(6), 506-514.

Hasegawa, T., Kondziolka, D., Flickinger, J. C., Germanwala, A., & Lunsford, L. D. (2003). Brain metastases treated with radiosurgery alone: An alternative to whole brain radiotherapy?. *Neurosurgery, 52*(6), 1318-1326.

Herfarth KK, Debus J, Lohr F, et al. Stereotactic Single-Dose Radiation Therapy of Liver Tumors: Results of a Phase I/II Trial. J Clin Onc 2001;19(1):164-170.

Hernandez, L.Z., Lucia; Sloan, Andrew; Fontanesi, James; Lo, Simon; Levin, Kenneth; Li, Qinghang; Diaz, Fernando, Gamma knife radiosurgery for renal cell carcinoma brain metastases. Journal of neurosurgery, 2002. 97(5Suppl): p. 489-93.

Higashidani, Y.T., S.; Yokoyana, Y.; Yamada, T.; Onishi, T.; Onishi, S., Small cell carcinoma of the esophagus with metastasis to the brain: A case report. Esophagus, 2005. 2(2): p. 97-102.

Hodges JC, Lotan Y, Boike TP, Benton R, Barrier A, Timmerman RD. Cost-effectiveness analysis of SBRT versus IMRT: an emerging initial radiation treatment option for organ-confined prostate cancer. Am J Manag Care. 2012 May 1;18(5):e186-93.

Hoshi, S., Jokura, H., Nakamura, H., Shintaku, I., Ohyama, C., Satoh, M., . . . Yoshimoto, T. (2002). Gamma-knife radiosurgery for brain metastasis of renal cell carcinoma: Results in 42 patients. *International Journal of Urology, 9*(11), 618-25; discussion 626; author reply 627.

Huang, M.C.L., L. S.; Ho, D. M.; Cheng, H.; Chung, W. Y.; Huang, C. I.; Hsiao, C. Y.; Pan, D. H., A metastatic pituitary carcinoid tumor successfully treated with gamma knife radiosurgery. Zhonghua yi xue za zhi, 2001. 64(7): p. 414-8.

International RadioSurgery Association Radiosurgery Practice Guideline Initiative. (2004). *Stereotactic radiosurgery for patients with pituitary adenomas. Radiosurgery Practice Guideline Report #3-04.* Harrisburg, PA: IRSA. Retrieved March 30, 2012, from http://www.irsa.org/Pituitary%20Guideline.pdf

International RadioSurgery Association Radiosurgery Practice Guideline Initiative. (2006). *Stereotactic Radiosurgery for Patients with Vestibular Schwannomas. Radiosurgery Practice Guideline Report #4-06*. Harrisburg, PA: IRSA. Retrieved March 30, 2012, from http://www.irsa.org/AN%20Guideline.pdf

Iwai, Y.Y., K., Gamma Knife radiosurgery for skull base metastasis and invasion. Stereotactic and functional neurosurgery, 1999. 72(SUPPL. 1): p. 81-87.

Izawa, M.C., M.; Hayashi, M.; Kubota, Y.; Kasuya, H.; Hori, T., Fatal intratumoral hemorrhage immediately after gamma knife radiosurgery for brain metastases: case report. Minimally invasive neurosurgery : MIN, 2006. 49(4): p. 251-4.

Jagannathan, J.P., Joshua H.; Balsara, Karl; Hudes, Richard; Chin, Lawrence S., Long-term survival after gamma knife radiosurgery for primary and metastatic brain tumors. American journal of clinical oncology, 2004. 27(5): p. 441-4.

Jawahar, A., Ampil, F., Wielbaecher, C., Hartman, G. H., Zhang, J. H., & Nanda, A. (2004). Management strategies for patients with brain metastases: Has radiosurgery made a difference?. *Southern Medical Journal, 97*(3), 254-258.

Jawahar, A., Willis, B. K., Smith, D. R., Ampil, F., Datta, R., & Nanda, A. (2002). Gamma knife radiosurgery for brain metastases: Do patients benefit from adjuvant external-beam radiotherapy? an 18-month comparative analysis. *Stereotactic & Functional Neurosurgery, 79*(3-4), 262-271.

Jawahar, A.A., Federico; Wielbaecher, Christina; Hartman, Golda H.; Zhang, John H.; Nanda, Anil, Management strategies for patients with brain metastases: has radiosurgery made a difference? Southern medical journal, 2004. 97(3): p. 254-8.

Jawahar, A.M., Ronnie E.; Minagar, Alireza; Shukla, Deepti; Zhang, John H.; Willis, Brian K.; Ampil, Federico; Nanda, Anil, Gamma knife surgery in the management of brain metastases from lung carcinoma: a retrospective analysis of survival, local tumor control, and freedom from new brain metastasis. Journal of neurosurgery, 2004. 100(5): p. 842-7.

Jawahar, A.W., Brian K.; Smith, Donald R.; Ampil, Federico; Datta, Ratna; Nanda, Anil,Gamma knife radiosurgery for brain metastases: do patients benefit from adjuvant external-beam radiotherapy? An 18-month comparative analysis. Stereotactic and functional neurosurgery, 2002. 79(3-4): p. 262-71.

Joensuu H. Novel cancer therapies: more efficacy, less toxicity and improved organ preservation. *Ann Med.* 2000 Feb;32(1):31-3. *Helsinki University Central Hospital, Finland*

Jokura, H.T., K.; Kayama, T.; Yoshimoto, T., Gamma knife radiosurgery of a series of only minimally selected metastatic brain tumours. Acta neurochirurgica. Supplement, 1994. 62: p. 77-82.

Kaido, T.U., Hirotsugu; Hirao, Yoshihiko; Uranishi, Ryunosuke; Nishi, Noriyuki; Sakaki, Toshisuke, Brain metastases from urachal carcinoma. Journal of clinical neuroscience, 2003. 10(6): p. 703-5.

Kanner, A. A., Suh, J. H., Siomin, V. E., Lee, S. Y., Barnett, G. H., & Vogelbaum, M. A. (2003). Posterior fossa metastases: Aggressive treatment improves survival. *Stereotactic & Functional Neurosurgery, 81*(1-4), 18-23.

Karlsson, B.E., K.; Kihlström, L.; Grane, P., Tumor seeding following stereotactic biopsy of brain metastases Report of two cases. Journal of neurosurgery, 1997. 87(2): p. 327-30.

Karlsson, B.K., L.; Lindquist, C., Medical controversy: Is Gamma Knife surgery the treatment of choice for cerebral metastases? FORUM - Trends in Experimental and Clinical Medicine, 1994. 4(4): p. 396-402.

Kased, N., Huang, K., Nakamura, J. L., Sahgal, A., Larson, D. A., McDermott, M. W., & Sneed, P. K. (2008). Gamma knife radiosurgery for brainstem metastases: The UCSF experience. *Journal of Neuro-Oncology, 86*(2), 195-205.

Kased, N.H., K.; Nakamura, J. L.; Sahgal, A.; Larson, D. A.; McDermott, M. W.; Sneed, P. K., Gamma knife radiosurgery for brainstem metastases: the UCSF experience. Journal of Neuro-Oncology, 2008. 86(2): p. 195-205.

Kaskowitz L, Graham MV, Emami B, Halverson KJ & Rush C. (1993). Radiation therapy alone for stage I non-small cell lung cancer. *Int J Radiat Oncol Biol Phys, 27*(3), 517–523.

Katsurago, N.S., Y.; Hashizume, M.; Miyasaka, Y., Long-term survival following multimodality treatment of metachronous metastases parotid gland, adrenal gland, brain and mediastinal lymph node after resection of non-small cell lung cancer; report of a case. Kyobu geka. The Japanese journal of thoracic surgery, 2006. 59(2): p. 168-71.

Kihlström, L.K., B.; Lindquist, C.; Norén, G.; Rähn, T., Gamma knife surgery for cerebral metastasis. Acta neurochirurgica. Supplementum, 1991. 52: p. 87-9.

Kim, D.G.C., H. T.; Gwak, H. S.; Paek, S. H.; Jung, H. W.; Han, D. H., Gamma knife radiosurgery for brain metastases: prognostic factors for survival and local control. Journal of neurosurgery, 2000. 93(Suppl 3): p. 23-9.

Kim, S. H., Weil, R. J., Chao, S. T., Toms, S. A., Angelov, L., Vogelbaum, M. A., . . . Barnett, G. H. (2008). Stereotactic radiosurgical treatment of brain metastases in older patients. *Cancer, 113*(4), 834-840.

Kitayama, Y.Y., Yousuke; Okamoto, Nobuhiro, A case of effective paclitaxel therapy for gastric cancer with brain metastasis. Gan to kagaku ryoho. Cancer & chemotherapy, 2006. 33(7): p. 981-4.

Knisely, J. P., Berkey, B., Chakravarti, A., Yung, A. W., Curran, W. J., Robins, H. I., et al. (2008). A phase III study of conventional radiation therapy plus thalidomide versus conventional radiation therapy for multiple brain metastases (RTOG 0118). *International Journal of Radiation Oncology, Biology, Physics, 71*(1), 79-86.

Kocher, M., Maarouf, M., Bendel, M., Voges, J., Muller, R. P., & Sturm, V. (2004). Linac radiosurgery versus whole brain radiotherapy for brain metastases. A survival comparison based on the RTOG recursive partitioning analysis. *Strahlentherapie Und Onkologie : Organ Der Deutschen Rontgengesellschaft ...[Et Al], 180*(5), 263-267.

Kocher, M., Maarouf, M., Bendel, M., Voges, J., Muller, R. P., & Sturm, V. (2004). Linac radiosurgery versus whole brain radiotherapy for brain metastases. A survival comparison based on the RTOG recursive partitioning analysis. *Strahlentherapie Und Onkologie, 180*(5), 263-267.

Kolla, S.B.H., A. K., An unusual case of transitional cell carcinoma of renal pelvis presenting with brain metastases. International Urology and Nephrology, 2007. 39(3): p. 747-50.

Kondziolka D, Levy EI, Niranjan A, et al. (1999). Long-term outcomes after meningioma radiosurgery: Physician and patient perspectives. *J Neurosurg, 91*(1), 44-50.

Kondziolka, D., Martin, J. J., Flickinger, J. C., Friedland, D. M., Brufsky, A. M., Baar, J., . . . Lunsford, L. D. (2005). Long-term survivors after gamma knife radiosurgery for brain metastases. *Cancer, 104*(12), 2784-2791.

Kondziolka, D., Niranjan, A., Flickinger, J. C., & Lunsford, L. D. (2005). Radiosurgery with or without whole-brain radiotherapy for brain metastases: The patients' perspective regarding complications. *American Journal of Clinical Oncology, 28*(2), 173-179.

Kong, D.S.L., Jung Il; Nam, Do Hyun; Park, Kwan; Kim, Jong Hyun; Kim, Jhin Gook; Park, Jun O.; Park, Keunchil, Prognosis of non-small cell lung cancer with synchronous brain metastases treated with gamma knife radiosurgery. Journal of Korean medical science, 2006. 21(3): p. 527-32.

Kubo HD, Wilder RB, Pappas CT. Impact of collimator leaf width on stereotactic radiosurgery and 3D conformal radiotherapy treatment plans. *Int J Radiat Oncol Biol Phys.* 1999 Jul 1;44(4):937-45. *University of California, Davis Medical Center, Sacramento*

Kubota, Y.T., H.; Sato, N.; Naito, H.; Uehara, T., Complete remission of brain metastasis from transitional cell carcinoma of the bladder by M-VAC chemotherapy and gamma knife radiosurgery: A case report. Japanese Journal of Clinical Urology, 1999. 53(3): p. 251-253.

Lavine, S.D.P., Z.; Cohen, Gadol A. A.; Masri, L. S.; Morton, D. L.; O'Day, S. J.; Essner, R.; Zelman, V.; Yu, C.; Luxton, G.; Apuzzo, M. L., Gamma knife radiosurgery for metastatic melanoma: an analysis of survival, outcome, and complications. Neurosurgery, 1999. 44(1): p. 59-64.

Leavitt DD, Watson G, Tobler M, Williams G, Gaffney DK, Shrieve DC. Intensity-modulated radiosurgery / radiotherapy using a micromultileaf collimator. *Med Dosim.* 2001 Summer;26(2):143-50. *University of Utah, Salt Lake City*

Leavitt DD. Beam shaping for SRT/SRS. *Med Dosim*. 1998 Fall;23(3):229-36. *University of Utah School of Medicine, Salt Lake City.*

Lindquist, C., Gamma knife surgery for recurrent solitary metastasis of a cerebral hypernephroma: case report. Neurosurgery, 1989. 25(5): p. 802-4.

Linzer, D.L., S. M.; Villalobos, H.; Raub, W., Jr.; Wu, X.; Ting, J.; Berti, A.; Landy, H.; Markoe, A. M., Gamma knife radiosurgery for large volume brain tumors: An analysis of acute and chronic toxicity. Stereotactic and functional neurosurgery, 1998. 70(SUPPL. 1): p. 11-18.

Lippitz, B. E., Kraepelien, T., Hautanen, K., Ritzling, M., Rahn, T., Ulfarsson, E., & Boethius, J. (2004). Gamma knife radiosurgery for patients with multiple cerebral metastases. *Acta Neurochirurgica - Supplement, 91*, 79-87.

Lippitz, B., Gamma Knife radiosurgery in the minimal invasive treatment of brain metastases: The state-of-the-art. Rivista Medica, 2005. 11(1-2): p. 31-37.

Lippitz, B.E.K., T.; Hautanen, K.; Ritzling, M.; Rähn, T.; Ulfarsson, E.; Boethius, J., Gamma knife radiosurgery for patients with multiple cerebral metastases. Acta neurochirurgica. Supplement, 2004. 91: p. 79-87.

Liscak, R.S., G.; Vladyka, V.; Novotny, J., Jr., Radiosurgery for brain metastases of breast carcinoma. Prakticky Lekar, 1997. 77(9): p. 447-450.

Lo SS, Chang EL, Suh JH. Stereotactic radiosurgery with and without whole-brain radiotherapy for newly diagnosed brain metastases. *Expert Rev Neurother*. 2005 Jul;5(4):487-95. *MD Anderson, Houston*

Lorenzoni, J.D., Daniel; Massager, Nicolas; David, Phillippe; Ruíz, Salvador; Vanderlinden, Bruno; Van, Houtte Paul; Brotchi, Jacques; Levivier, Marc, Radiosurgery for treatment of brain metastases: estimation of patient eligibility using three stratification systems. International Journal of Radiation Oncology Biology Physics, 2004. 60(1): p. 218-24.

Lutterbach, J., Cyron, D., Henne, K., & Ostertag, C. B. (2003). Radiosurgery followed by planned observation in patients with one to three brain metastases. *Neurosurgery, 52*(5), 1066-1073.

Ma, Z.H., Y.; Liu, Y., Gamma knife treatment of brain metastatic tumors. Hunan yi ke da xue xue bao, 1997. 22(1): p. 63-5.

Mabanta SR, Buatti JM, Friedman WA, Meeks SL, Mendenhall WM, Bova FJ. Linear accelerator radiosurgery for nonacoustic schwannomas. *Int J Radiat Oncol Biol Phys.* 1999 Feb 1;43(3):545-8. *University of Florida, Gainesville*

Mahajan, A., Borden, J., & Tsai, J. S. (2002). Carcinomatous meningitis: Are surgeryand gamma knife radiosurgery treatment risk factors?. *Journal of Neurosurgery, 97*(5 Suppl), 441-444.

Mahajan, A.B., Jonathan; Tsai, Jen San, Carcinomatous meningitis: are surgeryand gamma knife radiosurgery treatment risk factors? Journal of neurosurgery, 2002. 97(5Suppl): p. 441-4.

Manning MA, Cardinale RM, Benedict SH, Kavanagh BD, Zwicker RD, Amir C, Broaddus WC. Hypofractionated stereotactic radiotherapy as an alternative to radiosurgery for the treatment of patients with brain metastases. *Int J Radiat Oncol Biol Phys.* 2000 Jun 1;47(3):603-8 *UCLA, Los Angeles, CA*

Manon, R., O'Neill, A., Knisely, J., Werner-Wasik, M., Lazarus, H. M., Wagner, H., . . . Eastern Cooperative Oncology, G. (2005). Phase II trial of radiosurgery for one to three newly diagnosed brain metastases from renal cell carcinoma, melanoma, and sarcoma: An eastern cooperative oncology group study (E 6397). *Journal of Clinical Oncology, 23*(34), 8870-8876.

Mathieu, D., Kondziolka, D., Cooper, P. B., Flickinger, J. C., Niranjan, A., Agarwala, S., . . . Lunsford, L. D. (2007). Gamma knife radiosurgery in the management of malignant melanoma brain metastases. *Neurosurgery, 60*(3), 471-481.

Mathieu, D.K., D.; Cooper, P. B.; Flickinger, J. C.; Niranjan, A.; Agarwala, S.; Kirkwood, J.; Lunsford, L. D., Gamma knife radiosurgery in the management of malignant melanoma brain metastases. Neurosurgery, 2007. 60(3): p. 471-81; discussion 481-2.

McWilliams, R.R.G., Caterina; Hay, Ian D.; Atkinson, John L.; Stafford, Scott L.; Buckner, Jan C., Management of brain metastases from thyroid carcinoma: a study of 16 pathologically confirmed cases over 25 years. Cancer, 2003. 98(2): p. 356-62.

Meeks SL, Bova FJ, Buatti JM, Friedman WA, Eyster B, Kendrick LA. Analytic characterization of linear accelerator radiosurgery dose distributions for fast optimization. *Phys Med Biol.* 1999 Nov;44(11):2777-87, *University of Florida, Gainesville, FL.*

Meeks SL, Bova FJ, Friedman WA, Buatti JM, Mendenhall WM. Linac scalpel radiosurgery at the University of Florida. *Med Dosim.* 1998 Fall;23(3):177-85. *University of Florida, Gainesville*

Meeks SL, Bova FJ, Friedman WA, Buatti JM, Moore RD, Mendenhall WM. IRLED-based patient localization for linac radiosurgery. *Int J Radiat Oncol Biol Phys.* 1998 May 1;41(2):433-9. *University of Florida, Gainesville*

Meeks SL, Bova FJ, Wagner TH, Buatti JM, Friedman WA, Foote KD. Image localization for frameless stereotactic radiotherapy. *Int J Radiat Oncol Biol* Phys. 2000 Mar 15;46(5):1291-9. *University of Florida, Gainesville,*

Meeks SL, Buatti JM, Bova FJ, Friedman WA, Mendenhall WM. Treatment planning optimization for linear accelerator radiosurgery. *Int J Radiat Oncol Biol Phys.* 1998 Apr 1;41(1):183-97. *University of Florida, Gainesville, FL*

Meeks SL, Buatti JM, Foote KD, Friedman WA, Bova FJ. Calculation of cranial nerve complication probability for acoustic neuroma radiosurgery. *Int J Radiat Oncol Biol Phys.* 2000 Jun 1;47(3):597-602. *University of Florida, Gainesville*

Mehta M, Noyes W, Craig B, Lamond J, Auchter R, French M, Johnson M, Levin A, Badie B, Robbins I, Kinsella T. A cost-effectiveness and cost-utility analysis of radiosurgery vs. resection for single-brain metastases. Int J Radiat Oncol Biol Phys. 1997;39(2):445.

Mehta, M. P., & Khuntia, D. (2005). Current strategies in whole-brain radiation therapy for brain metastases. *Neurosurgery, 57*(5 Suppl), S33-44.

Meier, S., Baumert, B. G., Maier, T., Wellis, G., Burg, G., Seifert, B., & Dummer, R. (2004). Survival and prognostic factors in patients with brain metastases from malignant melanoma. *Onkologie, 27*(2), 145-149.

Meling, T.R.H., Eirik; Unsgård, Geirmund; Nakstad, Per Hjalmar; Wester, Knut, Brain metastases in adults. Tidsskrift for den Norske Laegeforening, 2005. 125(16): p. 2179-82.

Minami, H.K., K.; Watanabe, Y.; Sakakura, T.; Ito, T.; Kawamura, M.; Nakatani, T.; Kishimoto, T., Complete remission of brain metastases from prostate cancer by gamma knife radiosurgery: a case report. Hinyokika kiyo, 2001. 47(5): p. 333-6.

Mingione, V., Oliveira, M., Prasad, D., Steiner, M., & Steiner, L. (2002). Gamma surgery for melanoma metastases in the brain. *Journal of Neurosurgery, 96*(3), 544-551.

Mogard, J.K., L.; Ericson, K.; Karlsson, B.; Guo, W. Y.; Stone, Elander S., Recurrent tumor vs radiation effects after gamma knife radiosurgery of intracerebral metastases: diagnosis with PET-FDG. Journal of computer assisted tomography, 1994. 18(2): p. 177- 81.

Mondani, M.N., A.; Tuniz, F.; Lupidi, F.; Longhi, M.; Foroni, R.; Zanotti, B.; Gerosa, M.; Skrap, M., Combined approach to cerebral metastatic lesions: Surgery and Gamma Knife treatment. Rivista Medica, 2005. 11(1-2): p. 85-92.

Morikawa, T.T., K.; Fujino, H.; Fukumura, M.; Kimura, M.; Furuie, H.; Nagano, N.; Kakuta, Y.; Tashiro, Y., Stereotactic radiosurgery with the gamma knife for brain metastases in patients with lung cancer. Nihon Kyobu Shikkan Gakkai zasshi, 1995. 33(1): p. 44-50.

Muacevic A, Kreth FW, Mack A, Tonn JC, Wowra B. Stereotactic radiosurgery without radiation therapy providing high local tumor control of multiple brain metastases from renal cell carcinoma. Minim Invasive Neurosurg. 2004;47(4):203.

Muacevic, A., Wowra, B., Siefert, A., Tonn, J. C., Steiger, H. J., & Kreth, F. W. (2008). Microsurgery plus whole brain irradiation versus gamma knife surgery alone for treatment of single metastases to the brain: A randomized controlled multicentre phase III trial. *Journal of Neuro-Oncology, 87*(3), 299-307.

Muacevic, A., Wowra, B., Siefert, A., Tonn, J. C., Steiger, H. J., & Kreth, F. W. (2008). Microsurgery plus whole brain irradiation versus gamma knife surgery alone for treatment of single metastases to the brain: A randomized controlled multicentre phase III trial. *Journal of Neuro-Oncology, 87*(3), 299-307.

Muacevic, A.K., F. W.; Horstmann, G. A.; Schmid, Elsaesser R.; Wowra, B.; Steiger, H. J.; Reulen, H. J., Surgery and radiotherapy compared with gamma knife radiosurgery in the treatment of solitary cerebral metastases of small diameter. Journal of neurosurgery, 1999. 91(1): p. 35-43.

Muacevic, A.W., B.; Siefert, A.; Tonn, J. C.; Steiger, H. J.; Kreth, F. W., Microsurgery plus whole brain irradiation versus Gamma Knife surgery alone for treatment of single metastases to the brain: a randomized controlled multicentre phase III trial. Journal of Neuro-Oncology, 2008. 87(3): p. 299-307.

Nakagawa, K.T., M.; Terahara, A.; Aoki, Y.; Sasaki, T.; Kurita, H.; Shin, M.; Kawamoto, S.; Kirino, T.; Otomo, K., A single institutional outcome analysis of Gamma Knife radiosurgery for single or multiple brain metastases. Clinical neurology and neurosurgery, 2000. 102(4): p. 227-232.

Nam, T.K.L., Jung Il; Jung, Young Jo; Im, Yong Seok; An, Hee Ye; Nam, Do Hyun; Park, Kwan; Kim, Jong Hyun, Gamma knife surgery for brain metastases in patients harboring four or more lesions: survival and prognostic factors. Journal of neurosurgery, 2005. 102: p. 147-50.

Narayana A, Chang J, Yenice K, Chan K, Lymberis S, Brennan C, Gutin PH. Hypofractionated stereotactic radiotherapy using intensity-modulated radiotherapy in patients with one or two brain metastases. *Stereotact Funct Neurosurg*. 2007;85(2-3):82-7. *Memorial Sloan-Kettering Cancer Center, New York*

Narita, Y., Mangement of brain metastases based on EBM. Gan to kagaku ryoho, 2005. 32(4): p. 463-7. *Neurosurgery, 93*(Suppl 3), 68-73.

Neves, S.M., P. R.; Wanschitz, J.; Rudnay, A. C.; Drlicek, M.; Czech, T.; Wüstinger, C.; Budka, H., Pseudogliomatous growth pattern of anaplastic small cell carcinomas metastatic to the brain. Clinical neuropathology, 2001. 20(1): p. 38-42.

Nicolato, A.F., P.; Foroni, R.; Zanotti, B.; Piovan, E.; Alfieri, A.; Gerosa, M., Minimally invasive neurosurgery. Part II: Stereotactic gamma knife radiosurgery in solitary/single intracranial metastasis. Rivista Medica, 1998. 4(3): p. 121-133.

Nicolato, A.R., A.; Foroni, R.; Manno, P.; Alessandrini, F.; Sava, T.; Lupidi, F.; Leone, P.; Maluta, S.; Cetto, G. L.; Gerosa, M., Gamma knife radiosurgery in brain metastases from testicular tumors. Medical oncology, 2005. 22(1): p. 45-56.

Nieder, C., Astner, S. T., Grosu, A. L., Andratschke, N. H., & Molls, M. (2007). The role of postoperative radiotherapy after resection of a single brain metastasis. combined analysis of 643 patients. *Strahlentherapie Und Onkologie, 183*(10), 576-580.

Noel, G., Simon, J. M., Valery, C. A., Cornu, P., Boisserie, G., Ledu, D., . . . Mazeron, J. J. (2002). Linac radiosurgery for brain metastasis of melanoma. *Stereotactic & Functional Neurosurgery, 79*(3-4), 245-255.

Norrgard FS, Sipila PM, Kulmala JA, Minn HR. Dose characteristics of in-house-built collimators for stereotactic radiotherapy with a linear accelerator. *Phys Med Biol*. 1998 Jun;43(6):1545-56. *University of Turku, Finland*

Ojemann SG, Sneed PK, Larson DA, et al. (2000). Radiosurgery for malignant meningioma: Results in 22 patients. *Journal of Neurosurgery, 93(Suppl 3), 62-67.*

Okunieff P, Schell MC, Ruo R, Hale ER, O'Dell WG, Pilcher W. Long-term management of patients with multiple brain metastases after shaped beam radiosurgery. Case report and review of the literature. *J Neurosurg*. 2004 Nov;101 Suppl 3:406-12. *University of Rochester Medical Center, Rochester, NY*

Pan, H. C., Sheehan, J., Stroila, M., Steiner, M., & Steiner, L. (2005). Gamma knife surgery for brain metastases from lung cancer. *Journal of Neurosurgery, 102*(Suppl), 128-133.

Pan, H.C.C., W. Y.; Guo, W. Y.; Chang, Y. C.; Shiau, C. Y.; Wang, L. W.; Liu, R. S.; Ngo, F. Q.; Lee, L. S., Effects of gamma knife radiosurgery for brain tumors: clinical evaluation. Zhonghua yi xue za zhi, 1998. 61(7): p. 397-407.

Pan, H.C.S., Jason; Stroila, Matei; Steiner, Melita; Steiner, Ladislau, Gamma knife surgery for brain metastases from lung cancer. Journal of neurosurgery, 2005. 102: p. 128-33.

Park, Y.G.C., J. Y.; Chang, J. W.; Chung, S. S., Gamma knife radiosurgery for metastatic brain tumors. Stereotactic and functional neurosurgery, 2001. 76(3-4): p. 201-3.

Park, Y.G.K., E. Y.; Chang, J. W.; Chung, S. S., Volume changes following gamma knife radiosurgery of intracranial tumors. Surgical Neurology, 1997. 48(5): p. 488-93.

Parthan A, Pruttivarasin N, Davies D, Taylor DC, Pawar V, Bijlani A, Lich KH, Chen RC. Comparative cost-effectiveness of stereotactic body radiation therapy versus intensity-modulated and proton radiation therapy for localized prostate cancer, Front Oncol. 2012;2:81. Epub 2012 Aug 20.

Peterson, A.M.M., C. C.; Evanson, E. J.; Flickinger, J. C.; Kondziolka, D., MR imaging response of brain metastases after gamma knife stereotactic radiosurgery. Radiology, 1999. 211(3): p. 807-14.

Petrovich, Z.Y., Cheng; Giannotta, Steven L.; O'Day, Steven; Apuzzo, Michael L. J., Survival and pattern of failure in brain metastasis treated with stereotactic gamma knife radiosurgery. Journal of neurosurgery, 2002. 97(5Suppl): p. 499-506.

Radbill, A. E., Fiveash, J. F., Falkenberg, E. T., Guthrie, B. L., Young, P. E., Meleth, S., & Markert, J. M. (2004). Initial treatment of melanoma brain metastases using gamma knife radiosurgery: An evaluation of efficacy and toxicity. *Cancer, 101*(4), 825-833.

Radbill, A.E.F., John F.; Falkenberg, Elizabeth T.; Guthrie, Barton L.; Young, Paul E.; Meleth, Sreelatha; Markert, James M., Initial treatment of melanoma brain metastases using gamma knife radiosurgery. Cancer, 2004. 101(4): p. 825-833.

Rades, D., Bohlen, G., Pluemer, A., Veninga, T., Hanssens, P., Dunst, J., & Schild, S. E. (2007). Stereotactic radiosurgery alone versus resection plus whole-brain radiotherapy for 1 or 2 brain metastases in recursive partitioning analysis class 1 and 2 patients. *Cancer, 109*(12), 2515-2521.

Rades, D., Pluemer, A., Veninga, T., & Schild, S. E. (2008). Comparison of different treatment approaches for one to two brain metastases in elderly patients. *Strahlentherapie Und Onkologie, 184*(11), 565-571.

Rades, D., Pluemer, A., Veninga, T., Hanssens, P., Dunst, J., & Schild, S. E. (2007). Whole-brain radiotherapy versus stereotactic radiosurgery for patients in recursive partitioning analysis classes 1 and 2 with 1 to 3 brain metastases. *Cancer, 110*(10), 2285-2292.

Rahimi-Movaghar, V., & Flickinger, J. C. (2006). Principles and practice of gamma knife radiosurgery: A review. *East African Medical Journal, 83*(7), 393-400.

Rand, J., ; Copcutt,; Melbye,; Levenick,, Metastatic neoplasms of the brain treated by the Leksell Gamma Knife (Meeting abstract). Neurosciences Inst., Hosp. of the Good Samaritan, Los Angeles, CA. English. NOTNLM. 19940201., 1994.

Roche, P.H., Regis, J., Dufour, H., Fournier, H.D., Delsanti, C., Pellet, W., et al. (2000). Gamma knife radiosurgery in the management of vacernous sinus meningiomas. *Journal of*

Roos, D. E., Wirth, A., Burmeister, B. H., Spry, N. A., Drummond, K. J., Beresford, J. A., & McClure, B. E. (2006). Whole brain irradiation following surgery or radiosurgery for solitary brain metastases: Mature results of a prematurely closed randomized trans-tasman

radiation oncology group trial (TROG 98.05). *Radiotherapy and Oncology : Journal of the European Society for Therapeutic Radiology and Oncology, 80*(3), 318-322.

Rutigliano MJ, Lunsford LD, Kondziolka D, Strauss MJ, Khanna V, Green M. The cost effectiveness of stereotactic radiosurgery versus surgical resection in the treatment of solitary metastatic brain tumors. Neurosurgery. 1995 Sep;37(3):445-53; discussion 453-5.

Ryken TC, Meeks SL, Pennington EC, Hitchon P, Traynelis V, Mayr NA, Bova FJ, Friedman WA, Buatti JM. Initial clinical experience with frameless stereotactic radiosurgery: analysis of accuracy and feasibility. *Int J Radiat Oncol Biol Phys.* 2001 Nov 15;51(4):1152-8. *University of Florida, Gainesville*

Ryken TC, Meeks SL, Traynelis V, Haller J, Bouchet LG, Bova FJ, Pennington EC, Buatti JM. Ultrasonographic guidance for spinal extracranial radiosurgery: technique and application for metastatic spinal lesions. *Neurosurg Focus.* 2001 Dec 15;11(6):e8. *University of Florida, Gainesville*

Sadatomo, T.Y., Kiyoshi; Migita, Keisuke; Taniguchi, Eiji; Kodama, Yasunori; Kurisu, Kaoru, Solitary brain metastasis from renal cell carcinoma 15 years after nephrectomy: case report. Neurologia medico-chirurgica, 2005. 45(8): p. 423-7.

Samii, M., Carvalho, G.A., Tatagiba, M., & Matthies, C. (1997). Surgical management of meningiomas originating in Meckel's Cave. *Neurosurgery, 41*(4), 776-785.

Samlowski WE, Jensen RL, Shrieve DC. Multimodality management of brain metastases in metastatic melanoma patients. *Expert Rev Anticancer Ther.* 2007 Dec;7(12):1699-705. *University of Utah, Salt Lake City*

Samlowski WE, Majer M, Boucher KM, Shrieve AF, Dechet C, Jensen RL, Shrieve DC. Multidisciplinary treatment of brain metastases derived from clear cell renal cancer incorporating stereotactic radiosurgery. *Cancer*. 2008 Nov 1;113(9):2539-48. *University of Utah, Salt Lake City*

Samlowski WE, Watson GA, Wang M, Rao G, Klimo P Jr, Boucher K, Shrieve DC, Jensen RL. Multimodality treatment of melanoma brain metastases incorporating stereotactic radiosurgery (SRS). *Cancer*. 2007 May 1;109(9):1855-62. *University of Utah, Salt Lake City*

Samlowski, W. E., Majer, M., Boucher, K. M., Shrieve, A. F., Dechet, C., Jensen, R. L., & Shrieve, D. C. (2008). Multidisciplinary treatment of brain metastases derived from clear cell renal cancer incorporating stereotactic radiosurgery. *Cancer, 113*(9), 2539-2548.

Sanghavi SN, Miranpuri SS, Chappell R, Buatti JM, Sneed PK, Suh JH, Regine WF, Weltman E, King VJ, Goetsch SJ, Breneman JC, Sperduto PW, Scott C, Mabanta S, Mehta MP. Radiosurgery for patients with brain metastases: a multi-institutional analysis, stratified

by the RTOG recursive partitioning analysis method. *Int J Radiat Oncol Biol Phys.* 2001 Oct 1;51(2):426-34 *U of Wisconsin, Madison*

Sansur, A., ; Banequra,; Aggarwal,; Ballesteros,; Amin,; Chin,, Gamma Knife Radiosurgery for Treatment of Brain Metastases (Meeting abstract). Departments of Radiation Oncology and Neurological Surgery, University of Maryland School of Medicine, Baltimore, MD. English. NOTNLM. 19991001., 1999.

Sansur, C.A.C., L. S.; Ames, J. W.; Banegura, A. T.; Aggarwal, S.; Ballesteros, M.; Amin, P.; Simard, J. M.; Eisenberg, H., Gamma knife radiosurgery for the treatment of brain metastases. Stereotactic and functional neurosurgery, 2000. 74(1): p. 37-51.

Schoeggl, A., Kitz, K., Reddy, M., & Zauner, C. (2002). Stereotactic radiosurgery for brain metastases from colorectal cancer. *International Journal of Colorectal Disease, 17*(3), 150-155.

Schoeggl, A.K., K.; Ertl, A.; Dieckmann, K.; Saringer, W.; Koos, W. T., Gamma-knife radiosurgery for brain metastases of renal cell carcinoma: Results in 23 patients. Acta Neurochirurgica, 1998. 140(6): p. 549-555.

Schoeggl, A.K., K.; Ertl, A.; Reddy, M.; Bavinzski, G.; Schneider, B., Prognostic factor analysis for multiple brain metastases after gamma knife radiosurgery: results in 97 patients. Journal of neuro-oncology, 1999. 42(2): p. 169-75.

Schomas DA, Roeske JC, MacDonald RL, Sweeney PJ, Mehta N, Mundt AJ. Predictors of tumor control in patients treated with linac-based stereotactic radiosurgery for metastatic disease to the brain. Am J Clin Oncol. 2005;28(2):180.

Selek U, Chang EL, Hassenbusch SJ 3rd, Shiu AS, Lang FF, Allen P, Weinberg J, Sawaya R, Maor MH. Stereotactic radiosurgical treatment in 103 patients for 153 cerebral melanoma metastases. *Int J Radiat Oncol Biol Phys.* 2004 Jul 15;59(4):1097-106. *MD Anderson Cancer Center, Houston*

Selek, U., Chang, E. L., Hassenbusch, S. J.,3rd, Shiu, A. S., Lang, F. F., Allen, P., . . . Maor, M. H. (2004). Stereotactic radiosurgical treatment in 103 patients for 153 cerebral melanoma metastases. *International Journal of Radiation Oncology, Biology, Physics, 59*(4), 1097-1106.

Serizawa, T.I., T.; Oho, J.; Osato, K., Gamma knife radiosurgery for multiple brain metastases from non-small cell lung cancer - Comparison with whole brain radiation therapy. Japanese Journal of Lung Cancer, 2001. 41(2): p. 123-129.

Serizawa, T.I., T.; Ono, J.; Matsuda, S.; Osato, K.; Ushikubo, O.; Odaki, M., How effective is the gamma knife treatment for multiple metastatic brain tumors? Analysis of cases with non-small cell carcinoma. Japanese Journal of Neurosurgery, 2000. 9(11): p. 725- 730.

Serizawa, T.I., T.; Ono, J.; Saeki, N.; Osato, K.; Odaki, M.; Ushikubo, O.; Hirai, S.; Sato, M.; Matsuda, S., Gamma knife treatment for multiple metastatic brain tumors compared with whole-brain radiation therapy. Journal of neurosurgery, 2000. 93(Suppl 3): p. 32-6.

Serizawa, T.O., J.; Odaki, M.; Hirai, S.; Sato, M.; Matsuda, S.; Yanagisawa, M.; Maru, S.; Iwase, T.; Sato, M., Differentiation between tumor recurrence and radiation injury after gamma knife radiosurgery for metastatic brain tumors: Value of serial thallium-201 chloride SPECT. Japanese Journal of Neurosurgery, 2001. 10(11): p. 726-732.

Serizawa, T.S., Naokatsu; Higuchi, Yosmhinori; Ono, Junichi; Matsuda, Shinji; Sato, Makoto; Yanagisawa, Masamichi; Iuchi, Toshihiko; Nagano, Osamu; Yamaura, Akira, Diagnostic value of thallium-201 chloride single-photon emission computerized tomography in differentiating tumor recurrence from radiation injury after gamma knife surgery for metastatic brain tumors. Journal of neurosurgery, 2005. 102: p. 266-71.

Seung, S.K.S., P. K.; McDermott, M. W.; Shu, H. K.; Leong, S. P.; Chang, S.; Petti, P. L.; Smith, V.; Verhey, L. J.; Wara, W. M.; Phillips, T. L.; Larson, D. A., Gamma knife radiosurgery for malignant melanoma brain metastases. The cancer journal from Scientific American, 1998. 4(2): p. 103-9.

Shafron DH, Friedman WA, Buatti JM, Bova FJ, Mendenhall WM. Linac radiosurgery for benign meningiomas. *Int J Radiat Oncol Biol Phys.* 1999 Jan 15;43(2):321-7. *University of Florida, Gainesville*

Shaw E, Scott C, Souhami L, Dinapoli R, Kline R, Loeffler J, Farnan N. Single dose radiosurgical treatment of recurrent previously irradiated primary brain tumors and brain metastases: final report of RTOG protocol 90-05. *Int J Radiat Oncol Biol Phys*. 2000 May 1;47(2):291-8. *Wake Forest University, Winston Salem.*

Sheehan, J. P., Sun, M. H., Kondziolka, D., Flickinger, J., & Lunsford, L. D. (2003). Radiosurgery in patients with renal cell carcinoma metastasis to the brain: Long-term outcomes and prognostic factors influencing survival and local tumor control. *Journal of Neurosurgery, 98*(2), 342-349.

Sheehan, J., Niranjan, A., Flickinger, J. C., Kondziolka, D., & Lunsford, L. D. (2004). The expanding role of neurosurgeons in the management of brain metastases. *Surgical Neurology, 62*(1), 32-40.

Sheehan, J.K., Douglas; Flickinger, John; Lunsford, L. Dade, Radiosurgery for patients with recurrent small cell lung carcinoma metastatic to the brain: outcomes and prognostic factors. Journal of neurosurgery, 2005. 102: p. 247-54.

Sheehan, J.P.S., Ming Hsi; Kondziolka, Douglas; Flickinger, John; Lunsford, L. Dade, Radiosurgery in patients with renal cell carcinoma metastasis to the brain: long-term outcomes and prognostic factors influencing survival and local tumor control. Journal of neurosurgery, 2003. 98(2): p. 342-9.

Shehata, M. K., Young, B., Reid, B., Patchell, R. A., St Clair, W., Sims, J., . . . Regine, W. F. (2004). Stereotactic radiosurgery of 468 brain metastases < or =2 cm: Implications for SRS dose and whole brain radiation therapy. *International Journal of Radiation Oncology, Biology, Physics, 59*(1), 87-93.

Shimamoto, S., Inoue, T., Shiomi, H., Sumida, I., Yamada, Y., Tanaka, E., & Inoue, T. (2002). CyberKnife stereotactic irradiation for metastatic brain tumors. *Radiation Medicine, 20*(6), 299-304.

Shinoura, N., Yamada, R., Okamoto, K., Nakamura, O., & Shitara, N. (2002). Local recurrence of metastatic brain tumor after stereotactic radiosurgery or surgery plus radiation. *Journal of Neuro-Oncology, 60*(1), 71-77.

Shuto, T.F., H.; Asada, H.; Inomori, S.; Nagano, H., Gamma knife radiosurgery for metastatic tumours in the brain stem. Acta Neurochirurgica, 2003. 145(9): p. 755-60.

Shuto, T.F., H.; Inomori, S.; Nagano, H. Repeated gamma knife radiosurgery for multiple metastatic brain tumours. 2004 Date created: 2004/09/01/ Date completed: 2004/12/22/]; 9:[989-93].

Shuto, T.I., Shigeo; Fujino, Hideyo; Nagano, Hisato, Gamma knife surgery for metastatic brain tumors from renal cell carcinoma. Journal of neurosurgery, 2006. 105(4): p. 555- 60.

Siebels, M.O., R.; Buchner, A.; Zaak, D.; Mack, A.; Petrides, P. E.; Hofstetter, A.; Wowra, B., (Outpatient radiosurgery in 58 patients with intracerebral metastases from renal cell carcinoma: 5-Year results.). Urologe A, 2002. 41(5): p. 482-488.

Siegfried, J.W., G.; Scheib, S.; Haller, D.; Landolt, A. M.; Lomax, N. J.; Mindermann, T.; Schubiger, O.; Wichmann, W., Palliative treatment of brain metastases with gamma knife. Therapeutische Umschau. Revue thérapeutique, 2001. 58(7): p. 413-8.

Simonová, G.L., R.; Novotn³, J., Jr.; Novotn³, J., Solitary brain metastases treated with theLeksell gamma knife: prognostic factors for patients. Radiotherapy and oncology, 2000. 57(2): p. 207-13.

Simonová, G.N., J.; Novotn³, J., Jr.; Vladyka, V.; Liscák, R., Fractionated stereotaxic radiotherapy with the Leksell gamma knife. Casopís lékaru ceskych, 1995. 134(17): p. 547-54.

Singh VP, Kasai S, Vaishya S, et al. (2000). Early complications following gamma knife radiosurgery for intracranial meningiomas. *Journal of Neurosurgery, 93*(Suppl 3), 57-61.

Siomin, V. E., Vogelbaum, M. A., Kanner, A. A., Lee, S. Y., Suh, J. H., & Barnett, G. H. (2004). Posterior fossa metastases: Risk of leptomeningeal disease when treated with stereotactic radiosurgery compared to surgery. *Journal of Neuro-Oncology, 67*(1-2), 115-121.

Sneed, P. K., Suh, J. H., Goetsch, S. J., Sanghavi, S. N., Chappell, R., Buatti, J. M., . . . Mehta, M. P. (2002). A multi-institutional review of radiosurgery alone vs. radiosurgery with whole

brain radiotherapy as the initial management of brain metastases. *International Journal of Radiation Oncology, Biology, Physics, 53*(3), 519-526.

Sneed, P.K.L., K. R.; Forstner, J. M.; McDermott, M. W.; Chang, S.; Park, E.; Gutin, P. H.; Phillips, T. L.; Wara, W. M.; Larson, D. A., Radiosurgery for brain metastases: is whole brain radiotherapy necessary? International Journal of Radiation Oncology Biology Physics, 1999. 43(3): p. 549-58.

Solberg TD, Boedeker KL, Fogg R, Selch MT, DeSalles AA. Dynamic arc radiosurgery field shaping: a comparison with static field conformal and noncoplanar circular arcs. *Int J Radiat Oncol Biol Phys*. 2001 Apr 1;49(5):1481-91. *UCLA, Los Angeles*

Soltys, S. G., Adler, J. R., Lipani, J. D., Jackson, P. S., Choi, C. Y., Puataweepong, P., . . . Chang, S. D. (2008). Stereotactic radiosurgery of the postoperative resection cavity for brain metastases. *International Journal of Radiation Oncology, Biology, Physics, 70*(1), 187-193.

Sperduto, P. W., Scott, C., Andrews, D., Schell, M. C., Flanders, A., WernerWasik, M., et al. (2002). Stereotactic radiosurgery with whole brain radiation therapy improves survival in patients with brain metastases: Report of radiation therapy oncology group phase III study 95-08 [abstract]. *International Journal of Radiation Oncology Biology Physics, 54*(2 Suppl), 3.

Spiegelmann R, Lidar Z, Gofman J, Alezra D, Hadani M, Pfeffer R. Linear accelerator radiosurgery for vestibular schwannoma. *J Neurosurg*. 2001 Jan;94(1):7-13. *The Chaim Sheba Medical Center, Tel Hashomer, IS.*

Stafinski, T., Jhangri, G. S., Yan, E., & Menon, D. (2006). Effectiveness of stereotactic radiosurgery alone or in combination with whole brain radiotherapy compared to conventional surgery and/or whole brain radiotherapy for the treatment of one or more brain metastases: A systematic review and meta-analysis. *Cancer Treatment Reviews, 32*(3), 203-213.

Stone, A., Cooper, J., Koenig, K. L., Golfinos, J. G., & Oratz, R. (2004). A comparison of survival rates for treatment of melanoma metastatic to the brain. *Cancer Investigation, 22*(4), 492-497.

Stone, A.C., Jay; Koenig, Karen L.; Golfinos, John G.; Oratz, Ruth, A comparison of survival rates for treatment of melanoma metastatic to the brain. Cancer investigation, 2004. 22(4): p. 492-7.

Suzuki, H., Toyoda, S., Muramatsu, M., Shimizu, T., Kojima, T., & Taki, W. (2003). Spontaneous haemorrhage into metastatic brain tumours after stereotactic radiosurgery using a linear accelerator. *Journal of Neurology, Neurosurgery & Psychiatry, 74*(7), 908-912.

Suzuki, S.O., J.; Nishio, S.; Nishiye, E.; Fukui, M., Gamma knife radiosurgery for simultaneous multiple metastatic brain tumors. Journal of neurosurgery, 2000. 93(Suppl 3): p. 30-1.

Swinson BM, Friedman WA. Linear accelerator stereotactic radiosurgery for metastatic brain tumors: 17 years of experience at the University of Florida. *Neurosurgery*. 2008 May;62(5):1018-31; discussion 1031-2. *University of Florida, Gainesville*

Swinson, B. M., & Friedman, W. A. (2008). Linear accelerator stereotactic radiosurgery for metastatic brain tumors: 17 years of experience at the university of florida. *Neurosurgery, 62*(5), 1018-1031.

Szeifert, G.T.S., Isabelle; Rorive, Sandrine; Massager, Nicolas; Devriendt, Daniel; Simon, Stephan; Brotchi, Jacques; Levivier, Marc, Does gamma knife surgery stimulate cellular immune response to metastatic brain tumors? A histopathological and immunohistochemical study. Journal of neurosurgery, 2005. 102: p. 180-4.

Tago, M.A., Y.; Nakagawa, K.; Terahara, A.; Onogi, Y.; Hasezawa, K.; Toyoda, K.; Sasaki, Y.; Kurita, H.; Murayama, S., Gamma knife radiosurgery for metastatic brain tumors: neuropathological report of two autopsy cases and review of literatures. Nippon Igaku Hoshasen Gakkai zasshi, 1997. 57(3): p. 119-26.

Tago, M.A., Y.; Terahara, A.; Nakagawa, K.; Sasaki, Y.; Kurita, H.; Kawamoto, S.; Murayama, S., Gamma Knife radiosurgery for brain stem metastases: two autopsy cases. Stereotactic and functional neurosurgery, 1996. 66(Suppl 1): p. 225-30.

Takami, T.O., Kenji; Tsuyuguchi, Naohiro; Mao, Ying; Inoue, Yuichi; Wakasa, Kenichi; Hara, Mitsuhiro, Cavernous sinus metastasis from thyroid papillary adenocarcinoma. Journal of clinical neuroscience, 2002. 9(5): p. 598-600.

Tamura, M., Murata, N., Hayashi, M., & Regis, J. (2004). Injury of the lacrimal component of the nervus intermedius function after radiosurgery versus microsurgery. *Neuro-Chirurgie, 50*(2-3 Pt 2), 338-344.

Tanaka, T.K., T.; Kida, Y.; Oyama, H.; Niwa, M., The results of gamma knife radiosurgery for malignant skull base tumors. No shinkei geka, 1996. 24(3): p. 235-9.

Teh BS, Bloch C, Paulino AC, Shen S, Hinckley L, Baskin D, Butler EB, Amato R. Pathologic complete response in renal cell carcinoma brain metastases treated with stereotactic radiosurgery. *Clin Genitourin Cancer.* 2007 Jun;5(5):334-7. *Baylor College of Medicine – The Methodist Hospital, Houston*

Terahara, A.M., T.; Kubo, T.; Aoki, Y.; Ohtomo, K., Analysis of dose distribution in gamma knife radiosurgery for multiple targets. International Journal of Radiation Oncology Biology Physics, 2000. 47(5): p. 1431-4.

Valery, C. A., Cornu, P., Noel, G., Duyme, M., Boisserie, G., Sakka, L. J., . . . van Effenterre, R. (2003). Predictive factors of radiation necrosis after radiosurgery for cerebral metastases. *Stereotactic & Functional Neurosurgery, 81*(1-4), 115-119.

van Eck, A.T.H., G. A., Gamma Knife surgery for multiple brain metastases from a malignant schwannoma of the penis. Journal of Neurosurgery, 2006. 105 Suppl: p. 238- 40.

Van, E.A.T.C.J.U., F.; Baltzer, J.; Horstmann, G. A., Gamma Knife Radiosurgery and Neurosurgical Treatment Management for Breast Cancer Patients with Brain Metastases. Geburtshilfe und Frauenheilkunde, 2004. 64(1): p. 63-69.

Varlotto, J. M., Flickinger, J. C., Niranjan, A., Bhatnagar, A. K., Kondziolka, D., & Lunsford, L. D. (2003). Analysis of tumor control and toxicity in patients who have survived at least one year after radiosurgery for brain metastases. *International Journal of Radiation Oncology, Biology, Physics, 57*(2), 452-464.

Varlotto, J. M., Flickinger, J. C., Niranjan, A., Bhatnagar, A., Kondziolka, D., & Lunsford, L. D. (2005). 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. *International Journal of Radiation Oncology, Biology, Physics, 62*(4), 1125-1132.

Varlotto, J.M.F., John C.; Niranjan, Ajay; Bhatnagar, Ajay K.; Kondziolka, Douglas; Lunsford, L. Dale, Analysis of tumor control and toxicity in patients who have survived at least one year after radiosurgery for brain metastases. International Journal of Radiation Oncology Biology Physics, 2003. 57(2): p. 452-64.

Varlotto, J.M.F., John C.; Niranjan, Ajay; Bhatnagar, Ajay; Kondziolka, Douglas; Lunsford, L. Dade, 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. International Journal of Radiation Oncology Biology Physics, 2005. 62(4): p. 1125-32.

Verellen D, Linthout N, Bel A, Soete G, van den Berge D, D' Haens J, Storme . Assessment of the uncertainties in dose delivery of a commercial system for linac-based stereotactic radiosurgery. *Int J Radiat Oncol Biol Phys.* 1999 May 1;44(2):421-33. *Academic Hospital, Free University Brussels, BE*

Viani, G. A., Castilho Salvajoli, J. V., Pellizzon, A. C., Novaes, P. E., Guimaraes, F. S., & Conte Fogaroli, R. C. (2007). Whole brain radiotherapy for brain metastases from breast cancer: Estimation of survival using two stratification systems. *BMC Cancer, 7*, 53.

Villavicencio AT, Black PM, Shrieve DC, Fallon MP, Alexander E, Loeffler JS. Linac radiosurgery for skull base meningiomas. *Acta Neurochir (Wien).* 2001 Nov;143(11):1141-52. *Brigham and Women's Hospital, Boston*

Wagner TH, Meeks SL, Bova FJ, Friedman WA, Buatti JM, Bouchet LG. Isotropic beam bouquets for shaped beam linear accelerator radiosurgery. *Phys Med Biol*. 2001 Oct;46(10):2571-86. *University of Florida, Gainesville, FL*

Wagner TH, Yi T, Meeks SL, Bova FJ, Brechner BL, Chen Y, Buatti JM, Friedman WA, Foote KD, Bouchet LG.A geometrically based method for automated radiosurgery planning. *Int J Radiat Oncol Biol Phys.* 2000 Dec 1;48(5):1599-611. *University of Florida, Gainesville, FL*

Wang, L. G., Guo, Y., Zhang, X., Song, S. J., Xia, J. L., Fan, F. Y., . . . Wei, L. C. (2002). Brain metastasis: Experience of the xi-jing hospital. *Stereotactic & Functional Neurosurgery, 78*(2), 70-83.

Whang, C.J.K., Y., Gamma knife radiosurgery for malignant tumors. Journal of Korean medical science, 1995. 10(5): p. 379-87.

Wowra, B., Siebels, M., Muacevic, A., Kreth, F. W., Mack, A., & Hofstetter, A. (2002). Repeated gamma knife surgery for multiple brain metastases from renal cell carcinoma. *Journal of Neurosurgery, 97*(4), 785-793.

Wowra, B.M., Alexander; Jess, Hempen Anja; Tonn, Jörg Christian, Safety and efficacy of outpatient gamma knife radiosurgery for multiple cerebral metastases. Expert review of neurotherapeutics, 2004. 4(4): p. 673-9.

Wowra, B.S., Michael; Muacevic, Alexander; Kreth, Friedrich Wilhelm; Mack, Andreas; Hofstetter, Alfons, Repeated gamma knife surgery for multiple brain metastases from renal cell carcinoma. Journal of neurosurgery, 2002. 97(4): p. 785-93.

Wulf J, Hadinger U, Oppitz U, et al. Stereotactic Radiotherapy of Targets in the Lung and Liver. Strahlenther Onkol 2001;177:645-655.

Wulf J, Hadinger U, Oppitz U, et al. Stereotactic Radiotherapy of Targets in the Lung and Liver. Strahlenther Onkol 2001;177:645-655.

Yamamoto, M., Radiosurgery for metastatic brain tumors. Prog Neurol Surg, 2007. 20: p. 106-28.

Yamamoto, M.I., Mitsunobu; Nishio, Shin ichi; Urakawa, Yoichi, Gamma Knife radiosurgery for numerous brain metastases: is this a safe treatment? International Journal of Radiation Oncology Biology Physics, 2002. 53(5): p. 1279-83.

Yamanaka, K., Prognostic factors for brain metastasis from lung cancer after gamma knife radiosurgery. Osaka city medical journal, 1999. 45(1): p. 45-59.

Yamanaka, K.I., Y.; Nakajima, H.; Yasui, T.; Komiyama, M.; Nishikawa, M.; Morikawa, T.; Kishi, H.; Negoro, S.; Tada, H.; Tanaka, M., Treatment for brain metastasis from lung cancer in the era of radiosurgery. No shinkei geka, 2001. 29(7): p. 617-23.

Yamanaka, K.I., Y.; Yasui, T.; Nakajima, H.; Komiyama, M.; Nishikawa, M.; Morikawa, T.; Kishi, H., Gamma Knife radiosurgery for metastatic brain tumor: the usefulness of repeated Gamma Knife radiosurgery for recurrent cases. Stereotactic and functional neurosurgery, 1999. 72(Suppl 1): p. 73-80.

Yang, C.C.J.T., J.; Wu, X.; Markoe, A., Dose volume histogram analysis of the gamma knife radiosurgery treating twenty-five metastatic intracranial tumors. Stereotactic and functional neurosurgery, 1998. 70(SUPPL. 1): p. 41-49.

Yoshida, S.M., K. The role of surgery in the treatment of brain metastasis: a retrospective review. 2004 Date created: 2004/07/15/ Date completed: 2005/01/05/]; 8:[767-70].

Yoshinaga, Y.E., S.; Iwasaki, A.; Shirakusa, T., Surgical treatment for primary non-small cell lung cancer with synchronous brain metastases. Kyobu geka. The Japanese journal of thoracic surgery, 2006. 59(1): p. 41-5.

Yoshino, E.O., Y.; Imahori, Y.; Higuchi, T.; Furuya, S.; Naruse, S.; Mori, T.; Suzuki, K.; Yamaki, T.; Ueda, S.; Tsuzuki, T.; Takai, S., Irradiation effects on the metabolism of metastatic brain tumors: analysis by positron emission tomography and 1H-magnetic resonance spectroscopy. Stereotactic and functional neurosurgery, 1996. 66(Suppl 1): p. 240-59.

Young, R.F., The role of the gamma knife in the treatment of malignant primary and metastatic brain tumors. CA: a cancer journal for clinicians, 1998. 48(3): p. 177-88.

Yu, C.C., Joseph C. T.; Apuzzo, Michael L. J.; O'Day, Steven; Giannotta, Steven L.; Weber, Jeffrey S.; Petrovich, Zbigniew, Metastatic melanoma to the brain: prognostic factors after gamma knife radiosurgery. International Journal of Radiation Oncology Biology Physics, 2002. 52(5): p. 1277-87.

Study Design Not Relevant

Aaronson RF, DeMarco JJ, Chetty IJ, Solberg TD. A Monte Carlo based phase space model for quality assurance of intensity modulated radiotherapy incorporating leaf specific characteristics. *Med Phys.* 2002 Dec;29(12):2952-8. *University of California, Los Angeles*

Abacioglu, U., Caglar, H., Atasoy, B. M., Abdulloev, T., Akgun, Z., & Kilic, T. (2010). Gamma knife radiosurgery in non small cell lung cancer patients with brain metastases: Treatment results and prognostic factors. *Journal of B.U.on, 15*(2), 274-280.

Abdelaziz, O. S., Kandil, A., El-Assaal, S., Abdelaziz, A., Rostom, Y., & Rashed, Y. (2011). Linear accelerator-based stereotactic radiosurgery of intracranial meningiomas: Results of the first 5 years of clinical practice. *Neurosurgical Review, 34*(1), 87-99.

Abdel-Wahab, M., & Pollack, A. (2009). Radiotherapy: Encouraging early data for SBRT in prostate cancer. *Nature Reviews Urology, 6*(9), 478-479.

Abram, S., Rosenblatt, P., & Holcomb, S. (2007). Stereotactic radiation techniques in the treatment of acoustic schwannomas. *Otolaryngologic Clinics of North America, 40*(3), 571-588.

Abrego FC, Calcina CS, de Almeida A, de Almeida CE, Baffa O. Relative output factor and beam profile measurements of small radiation fields with an L-alanine/K-band EPR minidosimeter. *Med Phys.* 2007 May;34(5):1573-82. *University of São Paulo, Brazil.*

Ackerly, T., Geso, M., O'Keefe, G., & Smith, R. (2004). Stereotactic radiosurgery planning with ictal SPECT images. *Australasian Physical & Engineering Sciences in Medicine, 27*(3), 136-147.

Agazaryan N, Ullrich W, Lee SP, Solberg TD. A methodology for verification of radiotherapy dose calculation. *J Neurosurg*. 2004 Nov;101 Suppl 3:356-61. *UCLA, Los Angeles*

Agency for Healthcare Research and Quality. (2012). Local therapies for unresectable primary hepatocellular carcinoma – Systematic review protocol. Rockville, MD: AHRQ. Retrieved October 9, 2012, from http://effectivehealthcare.ahrq.gov/ehc/products/360/1012/HCC_protocolamendmentl_20120927.pdf

Agency for Healthcare Research and Quality. (2012). Local therapies for the treatment of stage I non-small cell lung cancer and endobronchial obstruction due to advanced lung tumors – Systematic review protocol. Rockville, MD: AHRQ. Retrieved October 9, 2012, from http://effectivehealthcare.ahrq.gov/ehc/products/366/965/NSCLC_Protocol_20120222.pdf

Agency for Healthcare Research and Quality. (2012). Local therapies for unresectable colorectal cancer metastases to the liver – Systematic review protocol. Rockville, MD: AHRQ. Retrieved October 9, 2012, from http://effectivehealthcare.ahrq.gov/ehc/products/359/949/CRC_Protocolamendment_20120927.pdf

Aghi, M., & Barker, F. G.,2nd. (2006). Benign adult brain tumors: An evidence-based medicine review. *Progress in Neurological Surgery, 19*, 80-96.

Agrawal, Y., Clark, J. H., Limb, C. J., Niparko, J. K., & Francis, H. W. (2010). Predictors of vestibular schwannoma growth and clinical implications. *Otology & Neurotology, 31*(5), 807-812.

Al-Dweri, F. M., & Lallena, A. M. (2004). A simplified model of the source channel of the leksell gamma knife: Testing multisource configurations with PENELOPE. *Physics in Medicine & Biology, 49*(15), 3441-3453.

Ali I, Tubbs J, Hibbitts K, Algan O, Thompson S, Herman T, Ahmad S. Evaluation of the setup accuracy of a stereotactic radiotherapy head immobilization mask system using kV on-board imaging. *J Appl Clin Med Phys.* 2010 May 20;11(3):3192 *University of Oklahoma Health Sciences Center, Oklahoma City, OK*

Almaghrabi MY, Supiot S, Paris F, Mahé MA, Rio E. Stereotactic Body Radiation Therapy for Abdominal Oligometastases: A biological and clinical review. Radiat Oncol. 2012 Aug 1;7(1):126.

Amendola, B. E., Wolf, A., Coy, S., & Amendola, M. A. (2002). Radiosurgery as palliation for brain metastases: A retrospective review of 72 patients harboring multiple lesions at presentation. *Journal of Neurosurgery, 97*(5 Suppl), 511-514.

Amendola, B.E.W., Aizik; Coy, Sammier; Amendola, Marco A., Radiosurgery as palliation for brain metastases: a retrospective review of 72 patients harboring multiple lesions at presentation. Journal of neurosurgery, 2002. 97(5Suppl): p. 511-4.

Andrews DW, Bednarz G, Evans JJ, Downes B. A review of 3 current radiosurgery systems. *Surg Neurol*. 2006 Dec;66(6):559-64. *Thomas Jefferson University Hospital, Philadelphia*

Andrews DW, Faroozan R, Yang BP, Hudes RS, Werner-Wasik M, Kim SM, Sergott RC, Savino PJ, Shields J, Shields C, Downes MB, Simeone FA, Goldman HW, Curran WJ Jr. Fractionated stereotactic radiotherapy for the treatment of optic nerve sheath meningiomas: preliminary observations of 33 optic nerves in 30 patients with historical comparison to observation with or without prior surgery. *Neurosurgery*. 2002 Oct;51(4):890-902; discussion 903-4. *Thomas Jefferson University, Philadelphia*

Andrews DW, Werner-Wasik M, Den RB, Paek SH, Downes-Phillips B, Willcox TO, Bednarz G, Maltenfort M, Evans JJ, Curran WJ Jr. Toward dose optimization for fractionated stereotactic radiotherapy for acoustic neuromas: comparison of two dose cohorts. *Int J Radiat Oncol Biol Phys*. 2009 Jun 1;74(2):419-26. *Thomas Jefferson University, Philadelphia*

Andrews, D. W., Werner-Wasik, M., Den, R. B., Paek, S. H., Downes-Phillips, B., Willcox, T. O., . . . Curran, W. J.,Jr. (2009). Toward dose optimization for fractionated stereotactic radiotherapy for acoustic neuromas: Comparison of two dose cohorts. *International Journal of Radiation Oncology, Biology, Physics, 74*(2), 419-426.

Anker CJ, Shrieve DC. Basic principles of radiobiology applied to radiosurgery and radiotherapy of benign skull base tumors. *Otolaryngol Clin North Am.* 2009 Aug;42(4):601-21. *University of Utah, Salt Lake City*

Anker, C. J., Hymas, R. V., Hazard, L. J., Boucher, K. M., Jensen, R. L., & Shrieve, D. C. (2010). Stereotactic radiosurgery eligibility and selection bias in the treatment of glioblastoma multiforme. *Journal of Neuro-Oncology, 98*(2), 253-263.

Aoyama, H., Shirato, H., Katoh, N., Kudo, K., Asano, T., Kuroda, S., . . . Miyasaka, K. (2005). Comparison of imaging modalities for the accurate delineation of arteriovenous malformation, with reference to stereotactic radiosurgery. *International Journal of Radiation Oncology, Biology, Physics, 62*(4), 1232-1238.

Aoyama, H., Shirato, H., Nakagawa, K., & Tago, M. (2004). Interim report of the JROSG99-1 multi-institutional randomized trial, comparing radiosurgery alone vs. radiosurgery plus whole brain irradiation for 1-4 brain metastases [abstract]. *Annual Meeting Proceedings of the American Society of Clinical Oncology, 108p*

Arakia, F., Moribe, N., Shimonobou, T., & Yamashita, Y. (2004). Dosimetric properties of radiophotoluminescent glass rod detector in high-energy photon beams from a linear accelerator and cyber-knife. *Medical Physics, 31*(7), 1980-1986.

Arcangeli S, Scorsetti M, Alongi F. Will SBRT replace conventional radiotherapy in patients with low-intermediate risk prostate cancer? A review. Crit Rev Oncol Hematol. 2012 Oct;84(1):101-8.

Arimura H, Egashira Y, Shioyama Y, Nakamura K, Yoshidome S, Anai S, Nomoto S, Honda H, Toyofuku F, Higashida Y, Onizuka Y, Terashima H. Computerized method for estimation of the location of a lung tumor on EPID cine images without implanted markers in stereotactic body radiotherapy. *Phys Med Biol.* 2009 Feb 7;54(3):665-77*. Kyushu University, Fukuoka, Japan.*

Armstrong, C. L., Gyato, K., Awadalla, A. W., Lustig, R., & Tochner, Z. A. (2004). A critical review of the clinical effects of therapeutic irradiation damage to the brain: The roots of controversy. *Neuropsychology Review, 14*(1), 65-86.

Arthurs, B. J., Lamoreaux, W. T., Mackay, A. R., Demakas, J. J., Giddings, N. A., Fairbanks, R. K., . . . Lee, C. M. (2011). Gamma knife radiosurgery for vestibular schwannomas: Tumor control and functional preservation in 70 patients. *American Journal of Clinical Oncology, 34*(3), 265-269.

Askoxylakis, V., Zabel-du Bois, A., Schlegel, W., Debus, J., Huber, P., & Milker-Zabel, S. (2010). Patterns of failure after stereotactic radiotherapy of intracranial meningioma. *Journal of Neuro-Oncology, 98*(3), 367-372.

Astner, S. T., Theodorou, M., Dobrei-Ciuchendea, M., Auer, F., Kopp, C., Molls, M., & Grosu, A. L. (2010). Tumor shrinkage assessed by volumetric MRI in the long-term follow-up after stereotactic radiotherapy of meningiomas. *Strahlentherapie Und Onkologie, 186*(8), 423-429.

Audet, C., Hilts, M., Jirasek, A., & Duzenli, C. (2002). CT gel dosimetry technique: Comparison of a planned and measured 3D stereotactic dose volume. *Journal of Applied Clinical Medical Physics, 3*(2), 110-118.

Ausman, J. I. (2009). In this issue... *Surgical Neurology, 72*(3), 201-202.

Babic S, McNiven A, Battista J, Jordan K. Three-dimensional dosimetry of small megavoltage radiation fields using radiochromic gels and optical CT scanning. *Phys Med Biol.* 2009 Apr 1;54(8):*2463-2481 University of Western Ontario, London, Ontario*

Backous, D.D., & Pham, H.T. (2007). Guiding patients through the choices for treating vestibular schwannomas: balancing options and ensuring informed consent. *Otolaryngologic Clinics of North America, 40*(3), 521-540.

Banerjee R, Moriarty JP, Foote RL, & Pollock BE. (2008). Comparison of the surgical and follow-up costs associated with microsurgical resection and stereotactic radiosurgery for vestibular schwannoma. *J Neurosurg*, 108(6), 1220-1224.

Banerjee, R., Moriarty, J. P., Foote, R. L., & Pollock, B. E. (2008). Comparison of the surgical and follow-up costs associated with microsurgical resection and stereotactic radiosurgery for vestibular schwannoma. *Journal of Neurosurgery, 108*(6), 1220-1224.

Barajas, R. F., Chang, J. S., Sneed, P. K., Segal, M. R., McDermott, M. W., & Cha, S. (2009). Distinguishing recurrent intra-axial metastatic tumor from radiation necrosis following gamma knife radiosurgery using dynamic susceptibility-weighted contrast-enhanced perfusion MR imaging. *Ajnr: American Journal of Neuroradiology, 30*(2), 367-372.

Barua, K. K., Ehara, K., Kohmura, E., & Tamaki, N. (2003). Treatment of recurrent craniopharyngiomas. *Kobe Journal of Medical Sciences, 49*(5-6), 123-132.

Battaglia, A., Mastrodimos, B., & Cueva, R. (2006). Comparison of growth patterns of acoustic neuromas with and without radiosurgery. *Otology & Neurotology, 27*(5), 705-712.

Battista, R. A. (2009). Gamma knife radiosurgery for vestibular schwannoma. *Otolaryngologic Clinics of North America, 42*(4), 635-654.

Beck, J., & Berndt, A. (2004). An algorithm for independent verification of gamma knife treatment plans. *Medical Physics, 31*(10), 2780-2784. [Exclude, treatment plan]

Becker, G., Kocher, M., Kortmann, R. D., Paulsen, F., Jeremic, B., Muller, R. P., et al. (2002). Radiation therapy in the multimodal treatment approach of pituitary adenoma. *Strahlentherapie Und Onkologie, 178*(4), 173-186.

Bednarz G, Machtay M, Werner-Wasik M, Downes B, Bogner J, Hyslop T, Galvin J, Evans J, Curran W Jr, Andrews D. Report on a randomized trial comparing two forms of immobilization of the head for fractionated stereotactic radiotherapy. *Med Phys.* 2009 Jan;36(1):12-7 *Jefferson Medical College, Philadelphia, PA*

Bednarz, G., Machtay, M., Werner-Wasik, M., Downes, B., Bogner, J., Hyslop, T., . . . Andrews, D. (2009). Report on a randomized trial comparing two forms of immobilization of the head for fractionated stereotactic radiotherapy. *Medical Physics, 36*(1), 12-17.

Bednarz, G., Machtay, M., WernerWasik, M., Downes, B., Bogner, J., Curran, W., et al .Interim report of a randomized trial comparing two forms of immobilization of the head for fractionated stereotactic radiotherapy.

Bednarz, G., Machtay, M., WernerWasik, M., Downes, B., Bogner, J., Hyslop, T., et al. (2009). Report on a randomized trial comparing two forms of immobilization of the head for fractionated stereotactic radiotherapy. *Medical Physics, 36*(1), 12-17.

Beegle RD, Friedman WA, Bova FJ. Effect of treatment plan quality on outcomes after radiosurgery for vestibular schwannoma. *J Neurosurg*. 2007 Nov;107(5):913-6 *University of Florida, Gainesville*.

Belec J, Patrocinio H, Verhaegen F. Development of a Monte Carlo model for the Brainlab microMLC. *Phys Med Biol.* 2005 Mar 7;50(5):787-99. *McGill University, Montreal*

Belohlavek, O., Simonova, G., Kantorova, I., Novotny, J.,Jr, & Liscak, R. (2003). Brain metastases after stereotactic radiosurgery using the leksell gamma knife: Can FDG PET help to differentiate radionecrosis from tumour progression?. *European Journal of Nuclear Medicine & Molecular Imaging, 30*(1), 96-100.

Belohlávek, O.S., Gabriela; Kantorová, Iva; Novotn³, Josef, Jr.; Liscák, Roman. Brain metastases after stereotactic radiosurgery using the Leksell gamma knife: can FDG PET help to differentiate radionecrosis from tumour progression? 2003 Date created: 2002/12/16/ Date completed: 2003/08/01/ Date revised: 2004/11/17/]; 1:[96-100].

Benedict SH, Yenice KM, Followill D, Galvin JM, Hinson W, Kavanagh B, Keall P, Lovelock M, Meeks S, Papiez L, Purdie T, Sadagopan R, Schell MC, Salter B, Schlesinger DJ, Shiu AS, Solberg T, Song DY, Stieber V, Timmerman R, Tomé WA, Verellen D, Wang L, Yin FF. Stereotactic body radiation therapy: the report of AAPM Task Group 101. *Med Phys*. 2010 Aug;37(8):4078-101. *University of Virginia Health System, Charlottesville, Virginia*

Bentzen, S. M., & Wasserman, T. H. (2008). Balancing on a knife's edge: Evidence-based medicine and the marketing of health technology. *International Journal of Radiation Oncology, Biology, Physics, 72*(1), 12-14.

Berbeco RI, Hacker F, Ionascu D, Mamon HJ. Clinical Feasibility of Using an EPID in cine Mode for Image- Guided Verification of Stereotactic Body Radiotherapy. *Int J Radiat Oncol Biol Phys.* 2007 Sep 1;69(1):258- 66. *Brigham and Women's Cancer Center and Harvard Medical School, Boston*

Bhagat, N., Fidelman, N., Durack, J. C., Collins, J., Gordon, R. L., LaBerge, J. M., & Kerlan, R. K.,Jr. (2010). Complications associated with the percutaneous insertion of fiducial markers in the thorax. *Cardiovascular & Interventional Radiology, 33*(6), 1186-1191.

Bhandare, N., Jackson, A., Eisbruch, A., Pan, C. C., Flickinger, J. C., Antonelli, P., & Mendenhall, W. M. (2010). Radiation therapy and hearing loss. *International Journal of Radiation Oncology, Biology, Physics, 76*(3 Suppl), S50-7.

Bharanidharan, G., Manigandan, D., Devan, K., Subramani, V., Gopishankar, N., Ganesh, T., . . . Ganesan, S. (2005). Characterization of responses and comparison of calibration factor for commercial MOSFET detectors. *Medical Dosimetry, 30*(4), 213-218.

Bhatnagar, A. K., Flickinger, J. C., Kondziolka, D., & Lunsford, L. D. (2006). Stereotactic radiosurgery for four or more intracranial metastases. *International Journal of Radiation Oncology, Biology, Physics, 64*(3), 898-903.

Bhatnagar, A., Heron, D. E., Kondziolka, D., Lunsford, L. D., & Flickinger, J. C. (2002). Analysis of repeat stereotactic radiosurgery for progressive primary and metastatic CNS tumors. *International Journal of Radiation Oncology, Biology, Physics, 53*(3), 527-532.

Bhatnagar, A.H., Dwight E.; Kondziolka, Douglas; Lunsford, L. Dade; Flickinger, John C., Analysis of repeat stereotactic radiosurgery for progressive primary and metastatic CNS tumors. International Journal of Radiation Oncology Biology Physics, 2002. 53(3): p. 527- 32.

Bhatnagar, A.K.F., John C.; Kondziolka, Douglas; Lunsford, L. Dade, Stereotactic radiosurgery for four or more intracranial metastases. International Journal of Radiation Oncology Biology Physics, 2006. 64(3): p. 898-903.

Biagioli MC, Hoffe SE. Emerging technologies in prostate cancer radiation therapy: improving the therapeutic window. Cancer Control. 2010 Oct;17(4):223-32.

Bilsky, M. H., Laufer, I., & Burch, S. (2009). Shifting paradigms in the treatment of metastatic spine disease. *Spine, 34*(22 Suppl), S101-7.

Bissonnette, J. P., Franks, K. N., Purdie, T. G., Moseley, D. J., Sonke, J. J., Jaffray, D. A., . . . Bezjak, A. (2009). Quantifying interfraction and intrafraction tumor motion in lung stereotactic body radiotherapy using respiration-correlated cone beam computed tomography. *International Journal of Radiation Oncology, Biology, Physics, 75*(3), 688-695.

Boda-Heggemann, J., Walter, C., Mai, S., Dobler, B., Dinter, D., Wenz, F., & Lohr, F. (2006). Frameless stereotactic radiosurgery of a solitary liver metastasis using active breathing control and stereotactic ultrasound. *Strahlentherapie Und Onkologie, 182*(4), 216-221.

Bova, F. (2004). Three-dimensional rotational angiography (3DRA) adds substantial information to radiosurgery treatment planning of AVM'S compared to angio-CT and angio-MR. *Medical Physics, 31*(8), 2182-2183.

Brada, M., Ajithkumar, T. V., & Minniti, G. (2004). Radiosurgery for pituitary adenomas. *Clinical Endocrinology, 61*(5), 531-543.

Bria, C., Wegner, R. E., Clump, D. A., Vargo, J. A., Mintz, A. H., Heron, D. E., & Burton, S. A. (2011). Fractionated stereotactic radiosurgery for the treatment of meningiomas. *Journal of Cancer Research & Therapeutics, 7*(1), 52-57.

Brown JM, Diehn M, Loo BW Jr.Stereotactic ablative radiotherapy should be combined with a hypoxic cell radiosensitizer. *Int J Radiat Oncol Biol Phys*. 2010 Oct 1;78(2):323-7. *Stanford University School of Medicine, CA*

Brown, M., Ruckenstein, M., Bigelow, D., Judy, K., Wilson, V., Alonso-Basanta, M., & Lee, J. Y. (2011). Predictors of hearing loss after gamma knife radiosurgery for vestibular schwannomas: Age, cochlear dose, and tumor coverage. *Neurosurgery, 69*(3), 605-613.

Brown, P. D., Kee, A. Y., Eshleman, J. S., & Fiveash, J. B. (2009). Adjuvant whole brain radiotherapy: Strong emotions decide but rationale studies are needed: In regard to brown et al. (int J radiat oncol biol phys 2008;70:1305-1309). in reply to drs. larson and sahgal. *International Journal of Radiation Oncology, Biology, Physics, 75*(1), 316-317.

Bucciolini, M., Russo, S., Banci Buonamici, F., Pini, S., & Silli, P. (2002). Dosimetric characterization of a bi-directional micromultileaf collimator for stereotactic applications. *Medical Physics, 29*(7), 1456-1463.

Buis, D. R., & Vandertop, W. P. (2008). Gamma knife surgery and arteriovenous malformations. *Journal of Neurosurgery.Pediatrics, 2*(3), 229.

Burdick MJ, Stephans KL, Reddy CA, Djemil T, Srinivas SM, Videtic GM. Maximum standardized uptake value from staging FDG-PET/CT does not predict treatment outcome for early-stage non-small-cell lung cancer treated with stereotactic body radiotherapy. *Int J Radiat Oncol Biol Phys*. 2010 Nov 15;78(4):1033-9 *Cleveland Clinic, Cleveland, OH*

Burdick, M. J., Stephans, K. L., Reddy, C. A., Djemil, T., Srinivas, S. M., & Videtic, G. M. (2010). Maximum standardized uptake value from staging FDG-PET/CT does not predict treatment outcome for early-stage non-small-cell lung cancer treated with stereotactic body radiotherapy. *International Journal of Radiation Oncology, Biology, Physics, 78*(4), 1033-1039.

Bush K, Townson R, Zavgorodni S. Monte Carlo simulation of RapidArc radiotherapy delivery. *Phys Med Biol*. 2008 Oct 7;53(19):N359-70. *University of Victoria, Victoria, BC*

Buyyounouski MK, Balter P, Lewis B, D'Ambrosio DJ, Dilling TJ, Miller RC, Schefter T, Tomé W, Harris EE, Price RA Jr, Konski AA, Wallner PE. Stereotactic body radiotherapy for early-stage non-small-cell lung cancer: report of the ASTRO Emerging Technology Committee. *Int J Radiat Oncol Biol Phys*. 2010 Sep 1;78(1):3-10. *Includes University of Colorado*

Carlone, M., Wilkins, D., & Raaphorst, P. (2005). The modified linear-quadratic model of guerrero and li can be derived from a mechanistic basis and exhibits linear-quadratic-linear behaviour. *Physics in Medicine & Biology, 50*(10), 9-13.

Carrubba, C. J., & Vitaz, T. W. (2009). Factors affecting the outcome after treatment for metastatic melanoma to the brain. *Surgical Neurology, 72*(6), 707-711.

Castinetti, F., & Brue, T. (2010). Gamma knife radiosurgery in pituitary adenomas: Why, who, and how to treat?. *Discovery Medicine, 10*(51), 107-111.

Castinetti, F., Nagai, M., Morange, I., Dufour, H., Caron, P., Chanson, P., . . . Brue, T. (2009). Long-term results of stereotactic radiosurgery in secretory pituitary adenomas. *Journal of Clinical Endocrinology & Metabolism, 94*(9), 3400-3407.

Cavalcanti, D. D., Martirosyan, N. L., Verma, K., Safavi-Abbasi, S., Porter, R. W., Theodore, N., . . . Spetzler, R. F. (2011). Surgical management and outcome of schwannomas in the craniocervical region. *Journal of Neurosurgery, 114*(5), 1257-1267.

Cavedon, C. (2004). Three-dimensional rotational angiography (3DRA) adds substantial information to radiosurgery treatment planning of AVM'S compared to angio-CT and angio-MR. *Medical Physics, 31*(8), 2181-2182.

Cerviño LI, Pawlicki T, Lawson JD, Jiang SB. Frame-less and mask-less cranial stereotactic radiosurgery: a feasibility study. *Phys Med Biol.* 2010 Apr 7;55(7):1863-73 *University of California San Diego, La Jolla, CA*

Chan, A. T., Gregoire, V., Lefebvre, J. L., Licitra, L., Felip, E., & EHNS-ESMO-ESTRO Guidelines Working, G. (2010). Nasopharyngeal cancer: EHNS-ESMO-ESTRO clinical practice guidelines for diagnosis, treatment and follow-up. *Annals of Oncology, 21*(Suppl 5), 187-189.

Chan, A. W., Black, P., Ojemann, R. G., Barker, F. G.,2nd, Kooy, H. M., Lopes, V. V., . . . Loeffler, J. S. (2005). Stereotactic radiotherapy for vestibular schwannomas: Favorable outcome with minimal toxicity. *Neurosurgery, 57*(1), 60-70.

Chang BK, Timmerman RD. Stereotactic body radiation therapy: a comprehensive review. Am J Clin Oncol. 2007 Dec;30(6):637-44. Review. *University of Texas Southwestern Medical Center, Dallas*

Chang EL, Hassenbusch SJ 3rd, Shiu AS, Lang FF, Allen PK, Sawaya R, Maor MH. The role of tumor size in the radiosurgical management of patients with ambiguous brain metastases. Neurosurgery. 2003 Aug;53(2):272-80; discussion 280-1. MD Anderson Cancer Center, Houston

Chang J, Yenice KM, Narayana A, Gutin PH. Accuracy and feasibility of cone-beam computed tomography for stereotactic radiosurgery setup. *Med Phys.* 2007 Jun;34(6):2077-84. *Memorial Sloan-Kettering Cancer Center, New York*

Chang JY, Dong L, Liu H, Starkschall G, Balter P, Mohan R, Liao Z, Cox JD, Komaki R. Image-guided radiation therapy for non-small cell lung cancer. *J Thorac Oncol.* 2008 Feb;3(2):177-86.. *MD Anderson Cancer Center, Houston, Texas*

Chang Z, Wang Z, Ma J, O'Daniel JC, Kirkpatrick J, Yin FF. 6D image guidance for spinal non-invasive stereotactic body radiation therapy: Comparison between ExacTrac X-ray 6D with kilo-voltage cone-beam CT. *Radiother Oncol.* 2010 Apr;95(1):116-21 *Duke University Medical Center, Durham, NC*

Chang Z, Wang Z, Ma J, O'Daniel JC, Kirkpatrick J, Yin FF. 6D image guidance for spinal non-invasive stereotactic body radiation therapy: Comparison between ExacTrac X-ray 6D with kilo-voltage cone-beam CT. *Radiother Oncol.* 2010 Apr;95(1):116-21 *Duke University Medical Center, Durham, NC*

Chang Z, Wang Z, Wu QJ, Yan H, Bowsher J, Zhang J, Yin FF. Dosimetric characteristics of Novalis Tx system with high definition multileaf collimator. *Med Phys*. 2008 Oct;35(10):4460-3, *Duke University Medical Center, Durham*

Chang, E. L., Hassenbusch, S. J.,3rd, Shiu, A. S., Lang, F. F., Allen, P. K., Sawaya, R., & Maor, M. H. (2003). The role of tumor size in the radiosurgical management of patients with ambiguous brain metastases. *Neurosurgery, 53*(2), 272-280.

Chang, W.S.K., H. Y.; Chang, J. W.; Park, Y. G.; Chang, J. H., Analysis of radiosurgical results in patients with brain metastases according to the number of brain lesions: is stereotactic radiosurgery effective for multiple brain metastases? Journal of Neurosurgery, 2010. 113 Suppl: p. 73-8.

Chang, Z., Wang, Z., Ma, J., O'Daniel, J. C., Kirkpatrick, J., & Yin, F. F. (2010). 6D image guidance for spinal non-invasive stereotactic body radiation therapy: Comparison between ExacTrac X-ray 6D with kilo-voltage cone-beam CT. *Radiotherapy & Oncology, 95*(1), 116-121.

Chaves, A., Lopes, M. C., Alves, C. C., Oliveira, C., Peralta, L., Rodrigues, P., & Trindade, A. (2003). Basic dosimetry of radiosurgery narrow beams using monte carlo simulations: A detailed study of depth of maximum dose. *Medical Physics, 30*(11), 2904-2911.

Chen JC, Bugoci DM, Girvigian MR, Miller MJ, Arellano A, Rahimian J. Control of brain metastases using frameless image-guided radiosurgery. *Neurosurg Focus.* 2009 Dec;27(6):E6. Review.*Southern California Permanente Medical Group and Kaiser Foundation, Los Angeles*

Chen JC, Rahimian J, Girvigian MR, Miller MJ. Contemporary methods of radiosurgery treatment with the Novalis linear accelerator system. *Neurosurg Focus*. 2007;23(6):E4. *Southern California Permanente Medical Group, Los Angeles*

Chen, H., Lohr, F., Fritz, P., Wenz, F., Dobler, B., Lorenz, F., & Muhlnickel, W. (2010). Stereotactic, single-dose irradiation of lung tumors: A comparison of absolute dose and dose distribution between pencil beam and monte carlo algorithms based on actual patient CT scans. *International Journal of Radiation Oncology, Biology, Physics, 78*(3), 955-963.

Cheng, C. W., Cho, S. H., Taylor, M., & Das, I. J. (2007). Determination of zero-field size percent depth doses and tissue maximum ratios for stereotactic radiosurgery and IMRT dosimetry: Comparison between experimental measurements and monte carlo simulation. *Medical Physics, 34*(8), 3149-3157.

Chernov, M. F., Nakaya, K., Izawa, M., Hayashi, M., Usuba, Y., Kato, K., . . . Takakura, K. (2007). Outcome after radiosurgery for brain metastases in patients with low karnofsky performance scale (KPS) scores. *International Journal of Radiation Oncology, Biology, Physics, 67*(5), 1492-1498.

Chernov, M., Hayashi, M., Izawa, M., Nakaya, K., Ono, Y., Usukura, M., . . . Takakura, K. (2007). Metabolic characteristics of intracranial metastases, detected by single-voxel proton magnetic resonance spectroscopy, are seemingly not predictive for tumor response to gamma knife radiosurgery. *Minimally Invasive Neurosurgery, 50*(4), 233-238.

Chernov, M.H., M.; Izawa, M.; Nakaya, K.; Ono, Y.; Usukura, M.; Yoshida, S.; Kato, K.; Muragaki, Y.; Nakamura, R.; Iseki, H.; Hori, T.; Takakura, K., Metabolic characteristics of intracranial metastases, detected by single-voxel proton magnetic resonance spectroscopy, are seemingly not predictive for tumor response to gamma knife radiosurgery. Minimally Invasive Neurosurgery, 2007. 50(4): p. 233-8.

Cheung, J. Y., & Yu, K. N. (2005). "Dose distribution close to metal implants in gamma knife radiosurgery: A monte carlo study" [med. phys. 30, 1812-1815 (2003)]. *Medical Physics, 32*(5), 1448-1449.

Cheung, J. Y., Ng, B. K., & Yu, K. N. (2004). Dose enhancement close to platinum implants for the 4, 6, and 10 MV stereotactic radiosurgery. *Medical Physics, 31*(10), 2787-2791.

Cheung, J. Y., Ng, K. P., Yu, C. P., & Ho, R. T. (2007). Comparative study of treatment dose plans after the refinement of leksell gamma knife single-beam dose profiles. *Medical Physics, 34*(9), 3556-3561.

Cheung, J. Y., Yu, K. N., Chan, J. F., Ho, R. T., & Yu, C. P. (2003). Dose distribution close to metal implants in gamma knife radiosurgery: A monte carlo study. *Medical Physics, 30*(7), 1812-1815.

Cheung, Y. C., & Yu, C. P. (2002). Identification of treated target points for parkinsonism on gamma knife follow-up MR images. *Journal of Clinical Neuroscience, 9*(2), 178-180.

Chi A, Tomé WA, Fowler J, Komaki R, Nguyen NP, Mehta MP, Welsh JS Stereotactic Body Radiation Therapy in Non-Small-Cell Lung Cancer: Linking Radiobiological Modeling and Clinical Outcome. *Am J Clin Oncol*. 2010 Jun 9. *University of Arizona, Tucson, AZ* [Epub ahead of print]

Chin, L. S., Szerlip, N. J., & Regine, W. F. (2003). Stereotactic radiosurgery for meningiomas. *Neurosurgical Focus, 14*(5), e6.

Chiou, S. M. (2010). Validity of the graded prognostic assessment-derived index to predict brain-metastatic patients' survival after gamma knife radiosurgery. *International Journal of Radiation Oncology, Biology, Physics, 78*(4), 1156-1162.

Chiou, S.M., Validity of the graded prognostic assessment-derived index to predict brainmetastatic patients' survival after Gamma Knife radiosurgery. International Journal of Radiation Oncology, Biology, Physics, 2010. 78(4): p. 1156-62.

Chiou, T. S. (2008). Patients treated by model-C gamma knife with APS are less exposed to non-therapeutic irradiation. *Minimally Invasive Neurosurgery, 51*(1), 47-50.

Cho B, Poulsen PR, Sloutsky A, Sawant A, Keall PJ. First Demonstration of Combined kV/MV Image- Guided Real-Time Dynamic Multileaf-Collimator Target Tracking. *Int J Radiat Oncol Biol Phys.* 2009 Jul 1;74(3):859-867. *Stanford University Medical Center, Palo Alto, CA*

Cho, D. Y., Tsao, M., Lee, W. Y., & Chang, C. S. (2006). Socioeconomic costs of open surgery and gamma knife radiosurgery for benign cranial base tumors. *Neurosurgery, 58*(5), 866-873.

Choe KS, Liauw SL Radiotherapeutic strategies in the management of low-risk prostate cancer. ScientificWorldJournal. 2010 Sep 14;10:1854-69.

Choi, C. Y., Adler, J. R., Gibbs, I. C., Chang, S. D., Jackson, P. S., Minn, A. Y., . . . Soltys, S. G. (2010). Stereotactic radiosurgery for treatment of spinal metastases recurring in close proximity to previously irradiated spinal cord. *International Journal of Radiation Oncology, Biology, Physics, 78*(2), 499-506.

Christopoulou, A., Retsas, S., Kingsley, D., Paddick, I., & Lindquist, C. (2006). Integration of gamma knife surgery in the management of cerebral metastases from melanoma. *Melanoma Research, 16*(1), 51-57.

Christopoulou, A.R., Spyros; Kingsley, Derek; Paddick, Ian; Lindquist, Christer, Integration of gamma knife surgery in the management of cerebral metastases from melanoma. Melanoma research, 2006. 16(1): p. 51-7.

Chuang, C. C., Chang, C. N., Tsang, N. M., Wei, K. C., Tseng, C. K., Chang, J. T., & Pai, P. C. (2004). Linear accelerator-based radiosurgery in the management of skull base meningiomas. *Journal of Neuro-Oncology, 66*(1-2), 241-249.

Chuang, C. F., Chan, A. A., Larson, D., Verhey, L. J., McDermott, M., Nelson, S. J., & Pirzkall, A. (2007). Potential value of MR spectroscopic imaging for the radiosurgical management of patients with recurrent high-grade gliomas. *Technology in Cancer Research & Treatment, 6*(5), 375-382.

Chung, H. T., Kim, D. G., Paek, S. H., & Jung, H. W. (2009). Development of dose-volume relation model for gamma knife surgery of non-skull base intracranial meningiomas. *International Journal of Radiation Oncology, Biology, Physics, 74*(4), 1027-1032.

Chung, H. T., Ma, R., Toyota, B., Clark, B., Robar, J., & McKenzie, M. (2004). Audiologic and treatment outcomes after linear accelerator-based stereotactic irradiation for acoustic

neuroma. *International Journal of Radiation Oncology, Biology, Physics, 59*(4), 1116-1121.

Chung, H.T. and D.G. Kim, Modern radiosurgery equipment for treating brain metastases. Prog Neurol Surg, 2012. 25: p. 236-47.

Chung, W. Y., Pan, D. H., Lee, C. C., Wu, H. M., Liu, K. D., Yen, Y. S., . . . Shih, Y. H. (2010). Large vestibular schwannomas treated by gamma knife surgery: Long-term outcomes. *Journal of Neurosurgery, 113*(Suppl), 112-121.

Coelho, D. H., Roland, J. T.,Jr, Rush, S. A., Narayana, A., St Clair, E., Chung, W., & Golfinos, J. G. (2008). Small vestibular schwannomas with no hearing: Comparison of functional outcomes in stereotactic radiosurgery and microsurgery. *Laryngoscope, 118*(11), 1909-1916.

Collins, S. P., Coppa, N. D., Zhang, Y., Collins, B. T., McRae, D. A., & Jean, W. C. (2006). CyberKnife radiosurgery in the treatment of complex skull base tumors: Analysis of treatment planning parameters. *Radiation Oncology, 1*, 46.

Colombo, F., Cavedon, C., Francescon, P., Casentini, L., Fornezza, U., Castellan, L., . . . Perini, S. (2003). Three-dimensional angiography for radiosurgical treatment planning for arteriovenous malformations. *Journal of Neurosurgery, 98*(3), 536-543.

Combs, S. E., Volk, S., Schulz-Ertner, D., Huber, P. E., Thilmann, C., & Debus, J. (2005). Management of acoustic neuromas with fractionated stereotactic radiotherapy (FSRT): Long-term results in 106 patients treated in a single institution. *International Journal of Radiation Oncology, Biology, Physics, 63*(1), 75-81.

Conley, G. S., & Hirsch, B. E. (2010). Stereotactic radiation treatment of vestibular schwannoma: Indications, limitations, and outcomes. *Current Opinion in Otolaryngology & Head & Neck Surgery, 18*(5), 351-356.

Conti, A., Pontoriero, A., Farago, G., Midili, F., Siragusa, C., Granata, F., . . . Tomasello, F. (2011). Integration of three-dimensional rotational angiography in radiosurgical treatment planning of cerebral arteriovenous malformations. *International Journal of Radiation Oncology, Biology, Physics, 81*(3), e29-37.

criteria. Journal of Neuro-Oncology, 2010. 98(2): p. 163-7.

Da Silva, A.N.N., K.; Schlesinger, D.; Sheehan, J. P., Early brain tumor metastasis reduction following Gamma Knife surgery. Journal of Neurosurgery, 2009. 110(3): p. 547-52.

Das M, Abdelmaksoud MH, Loo BW Jr, Kothary N. Alternatives to surgery for early stage non-small cell lung cancer-ready for prime time? *Curr Treat Options Oncol.* 2010 Jun;11(1-2):24-35. *Stanford University and Cancer Center, Stanford, CA*

Dawood O, Mahadevan A, Goodman K. Stereotactic Body Radiation Therapy for Liver Metastases. Eur J Cancer 2009;45(17)2947-2959.

Dawson, LA. (2008). The evolving role of radiation therapy in hepatocellular carcinoma. *Cancer Radiotherapie, 12*(2), 96-101.

de Mey J, Van de Steene J, Vandenbroucke F, Verellen D, Trappeniers L, Meysman M, Everaert H, Noppen M, Storme G, Bossuyt A. Percutaneous placement of marking coils before stereotactic radiation therapy of malignant lung lesions. *J Vasc Interv Radiol.* 2005 Jan;16(1):51-6. *University Hospital Vrije Universiteit Brussel, Bressels, BE*

de Pooter JA, Essers M, Nowak PJ, de Pan C, Heijmen BJ, Levendag PC. Stereotactic arc therapy for small elongated tumors using cones and collimator jaws; dosimetric and planning aspects. *Med Phys*. 2004 Dec;31(12):3444-51. *Erasmus Medical Center-Daniel den Hoed, Rotterdam*

de Pooter, J. A., Essers, M., Nowak, P. J., de Pan, C., Heijmen, B. J., & Levendag, P. C. (2004). Stereotactic arc therapy for small elongated tumors using cones and collimator jaws; dosimetric and planning aspects. *Medical Physics, 31*(12), 3444-3451.

de Pooter, J. A., Mendez Romero, A., Wunderink, W., Storchi, P. R., & Heijmen, B. J. (2008). Automated non-coplanar beam direction optimization improves IMRT in SBRT of liver metastasis. *Radiotherapy & Oncology, 88*(3), 376-381.

De Ruysscher D, Faivre-Finn C, Nestle U, Hurkmans CW, Le Péchoux C, Price A, Senan S. European organization for research and treatment of cancer recommendations for planning and delivery of high-dose, high-precision radiotherapy for lung cancer. *J Clin Oncol.* 2010 Dec 20;28(36):5301-10, *Maastricht University Medical Center, Maastricht, the Netherlands & Others*

De Salles AA, Gorgulho AA, Selch M, De Marco J, Agazaryan N. Radiosurgery from the brain to the spine: 20 years experience. *Acta Neurochir Suppl.* 2008;101:163-8. *UCLA, Los Angeles*

De Salles, A. A., Gorgulho, A. A., Selch, M., De Marco, J., & Agazaryan, N. (2008). Radiosurgery from the brain to the spine: 20 years experience. *Acta Neurochirurgica - Supplement, 101*, 163-168.

del Valle, R., Perez, M., Ortiz, J., Ruiz, S., de Anda, S., Jaramillo, J., . . . Estrada, J. (2005). Stereotactic noninvasive volume measurement compared with geometric measurement for indications and evaluation of gamma knife treatment. *Journal of Neurosurgery, 102*(Suppl), 140-142.

Delbrouck, C., Hassid, S., Choufani, G., De Witte, O., Devriendt, D., & Massager, N. (2011). Hearing outcome after gamma knife radiosurgery for vestibular schwannoma: A prospective belgian clinical study. *B-ENT, 7*(Suppl 17), 77-84.

Delbrouck, C., Hassid, S., Massager, N., Choufani, G., David, P., Devriendt, D., & Levivier, M. (2003). Preservation of hearing in vestibular schwannomas treated by radiosurgery

using leksell gamma knife: Preliminary report of a prospective belgian clinical study. *Acta Oto-Rhino-Laryngologica Belgica, 57*(3), 197-204.

Delsanti, C., Roche, P. H., Thomassin, J. M., & Regis, J. (2008). Morphological changes of vestibular schwannomas after radiosurgical treatment: Pitfalls and diagnosis of failure. *Progress in Neurological Surgery, 21*, 93-97.

Devisetty K, Chen LF, Chmura SJ. Evolving use of radiotherapy and radiosurgery in the treatment of pituitary adenomas. *Expert Rev Anticancer Ther.* 2006 Sep;6 Suppl 9:S93-8. Review*. University of Chicago, Chicago, IL*

Dewas S, Dewas-Vautravers C, Servent V, Mirabel X, Prevost B, Coche B, Castelain B, Nickers P, Lartigau E. Results and special considerations when treating elderly patients with CyberKnife®: a review of 345 cases. Crit Rev Oncol Hematol. 2011 Sep;79(3):308-14.

Dewas, S., Dewas-Vautravers, C., Servent, V., Mirabel, X., Prevost, B., Coche, B., . . . Lartigau, E. (2011). Results and special considerations when treating elderly patients with CyberKnife[REGISTERED]: A review of 345 cases. *Critical Reviews in Oncology-Hematology, 79*(3), 308-314.

Dhabaan A, Elder E, Schreibmann E, Crocker I, Curran WJ, Oyesiku NM, Shu HK, Fox T. Dosimetric performance of the new high-definition multileaf collimator for intracranial stereotactic radiosurgery. *J Appl Clin Med Phys.* 2010 Jun 21;11(3):3040 *Emory University, Atlanta*

Dhabaan, A., Elder, E., Schreibmann, E., Crocker, I., Curran, W. J., Oyesiku, N. M., et al. (2010). Dosimetric performance of the new high-definition multileaf collimator for intracranial stereotactic radiosurgery. *Journal of Applied Clinical Medical Physics / American College of Medical Physics, 11*(3), 3040.

Dhabaan, A., Elder, E., Schreibmann, E., Crocker, I., Curran, W. J., Oyesiku, N. M., . . . Fox, T. (2010). Dosimetric performance of the new high-definition multileaf collimator for intracranial stereotactic radiosurgery. *Journal of Applied Clinical Medical Physics, 11*(3), 3040.

Dhakal, S., Corbin, K. S., Milano, M. T., Philip, A., Sahasrabudhe, D., Jones, C., & Constine, L. S. (2012). Stereotactic body radiotherapy for pulmonary metastases from soft-tissue sarcomas: Excellent local lesion control and improved patient survival. *International Journal of Radiation Oncology, Biology, Physics, 82*(2), 940-945.

Di Maio, S., Temkin, N., Ramanathan, D., & Sekhar, L. N. (2011). Current comprehensive management of cranial base chordomas: 10-year meta-analysis of observational studies. *Journal of Neurosurgery, 115*(6), 1094-1105.

DiBiase, S. J., Chin, L. S., & Ma, L. (2002). Influence of gamma knife radiosurgery on the quality of life in patients with brain metastases. *American Journal of Clinical Oncology, 25*(2), 131-134.

Ding GX, Duggan DM, Coffey CW. Accurate patient dosimetry of kilovoltage cone-beam CT in radiation therapy. *Med Phys*. 2008 Mar;35(3):1135-44. *Vanderbilt University School of Medicine, Nashville*

Ding GX, Duggan DM, Coffey CW. Characteristics of kilovoltage x-ray beams used for cone-beam computed tomography in radiation therapy. *Phys Med Biol*. 2007 Mar 21;52(6):1595-615. *Vanderbilt University, Nashville*

Ding GX, Duggan DM, Coffey CW. Commissioning stereotactic radiosurgery beams using both experimental and theoretical methods. *Phys Med Biol*. 2006 May 21;51(10):2549-66. *Vanderbilt University, Nashville*

Ding M, Newman F, Chen C, Stuhr K, Gaspar LE. Dosimetric comparison between 3DCRT and IMRT using different multileaf collimators in the treatment of brain tumors. *Med Dosim.* 2009 Spring;34(1):1-8. *University of Colorado Health Science Center, Aurora, CO*

Ding, G. X., Duggan, D. M., & Coffey, C. W. (2006). Commissioning stereotactic radiosurgery beams using both experimental and theoretical methods. *Physics in Medicine & Biology, 51*(10), 2549-2566.

Ding, M., Newman, F., & Raben, D. (2005). New radiation therapy techniques for the treatment of head and neck cancer. *Otolaryngologic Clinics of North America, 38*(2), 371-395.

Djarv E, Nyman J, Baumann P, Ekberg L, Hoyer M, Lax I, Lewensohn R, Levin N, Lund JA, Morhed E, Ericsson SR, Traberg A, Wittgren L, Johansson KA. Dummy run for a phase II study of stereotactic body radiotherapy of T1-T2 N0M0 medical inoperable non-small cell lung cancer. *Acta Oncol*. 2006;45(7):973-7. *Sahlgrenska University Hospital, Gothenburg, Sweden*

Djarv, E., Nyman, J., Baumann, P., Ekberg, L., Hoyer, M., Lax, I., . . . Johansson, K. A. (2006). Dummy run for a phase II study of stereotactic body radiotherapy of T1-T2 N0M0 medical inoperable non-small cell lung cancer. *Acta Oncologica, 45*(7), 973-977.

dos Santos, M. A., de Salcedo, J. B., Gutierrez Diaz, J. A., Calvo, F. A., Samblas, J., Marsiglia, H., & Sallabanda, K. (2011). Long-term outcomes of stereotactic radiosurgery for treatment of cavernous sinus meningiomas. *International Journal of Radiation Oncology, Biology, Physics, 81*(5), 1436-1441.

Douglas, J. G., & Sondak, V. K. (2004). RE: A comparison of survival rates for treatment of melanoma metastatic to the brain. *Cancer Investigation, 22*(4), 643-644.

D'Souza WD, Kwok Y, Deyoung C, Zacharapoulos N, Pepelea M, Klahr P, Yu CX Gated CT imaging using a free-breathing respiration signal from flow-volume spirometry. *Med Phys*. 2005 Dec;32(12):3641-9. *University of Maryland School of Medicine, Baltimore, MD*

D'Souza WD, Nazareth DP, Zhang B, Deyoung C, Suntharalingam M, Kwok Y, Yu CX, Regine WF. The use of gated and 4D CT imaging in planning for stereotactic body radiation therapy. *Med Dosim*. 2007 Summer; 32(2):92-101. *University of Maryland, Baltimore*

Duggan DM, Ding GX, Coffey CW 2nd, Kirby W, Hallahan DE, Malcolm A, Lu B. Deep-inspiration breathhold kilovoltage cone-beam CT for setup of stereotactic body radiation therapy for lung tumors: initial experience. *Lung Cancer.* 2007 Apr;56(1):77-88. *Vanderbilt University, Nashville, TN*

Dunlap, N., McIntosh, A., Sheng, K., Yang, W., Turner, B., Shoushtari, A., . . . Read, P. W. (2010). Helical tomotherapy-based STAT stereotactic body radiation therapy: Dosimetric evaluation for a real-time SBRT treatment planning and delivery program. *Medical Dosimetry, 35*(4), 312-319.

Dworzecki et al, Noeplasma 2012. Stereotactic radiotherapy as sole or salvage therapy in non small cell lung cancer patients.

Ebright, M. I., & Fernando, H. C. (2011). Surgical resection or stereotactic body radiation therapy in elderly patients with early-stage lung cancer: Evolving treatment algorithms and a call for reliable comparisons. *Seminars in Thoracic & Cardiovascular Surgery, 23*(2), 93-95.

Eccles, C. L., Patel, R., Simeonov, A. K., Lockwood, G., Haider, M., & Dawson, L. A. (2011). Comparison of liver tumor motion with and without abdominal compression using cine-magnetic resonance imaging. *International Journal of Radiation Oncology, Biology, Physics, 79*(2), 602-608.

Ecker, R. D., Marsh, W. R., Pollock, B. E., Kurtkaya-Yapicier, O., McClelland, R., Scheithauer, B. W., & Buckner, J. C. (2003). Hemangiopericytoma in the central nervous system: Treatment, pathological features, and long-term follow up in 38 patients. *Journal of Neurosurgery, 98*(6), 1182-1187.

Elliott, R. E., Rush, S., Morsi, A., Mehta, N., Spriet, J., Narayana, A., . . . Golfinos, J. G. (2010). Neurological complications and symptom resolution following gamma knife surgery for brain metastases 2 cm or smaller in relation to eloquent cortices. *Journal of Neurosurgery, 113*(Suppl), 53-64.

Elliott, R.E.R., S.; Morsi, A.; Mehta, N.; Spriet, J.; Narayana, A.; Donahue, B.; Parker, E. C.; Golfinos, J. G., Neurological complications and symptom resolution following Gamma Knife surgery for brain metastases 2 cm or smaller in relation to eloquent cortices. Journal of Neurosurgery, 2010. 113 Suppl: p. 53-64.

Elsharkawy, M., Xu, Z., Schlesinger, D., & Sheehan, J. P. (2012). Gamma knife surgery for nonvestibular schwannomas: Radiological and clinical outcomes. *Journal of Neurosurgery, 116*(1), 66-72.

Engh, J. A., Flickinger, J. C., Niranjan, A., Amin, D. V., Kondziolka, D. S., & Lunsford, L. D. (2007). Optimizing intracranial metastasis detection for stereotactic radiosurgery. *Stereotactic & Functional Neurosurgery, 85*(4), 162-168.

Ernst-Stecken, A., Lambrecht, U., Ganslandt, O., Mueller, R., Fahlbusch, R., Sauer, R., & Grabenbauer, G. (2005). Radiosurgery of small skull-base lesions. no advantage for intensity-modulated stereotactic radiosurgery versus conformal arc technique. *Strahlentherapie Und Onkologie, 181*(5), 336-344.

Eustacchio, S., Trummer, M., Fuchs, I., Schrottner, O., Sutter, B., & Pendl, G. (2002). Preservation of cranial nerve function following gamma knife radiosurgery for benign skull base meningiomas: Experience in 121 patients with follow-up of 5 to 9.8 years. *Acta Neurochirurgica - Supplement, 84*, 71-76.

Ewend, M. G., Morris, D. E., Carey, L. A., Ladha, A. M., & Brem, S. (2008). Guidelines for the initial management of metastatic brain tumors: Role of surgery, radiosurgery, and radiation therapy. *Journal of the National Comprehensive Cancer Network, 6*(5), 505-513.

Ewing, M. M., Desrosiers, C., Fakiris, A. J., DeBliek, C. R., Kiszka, D. N., Stinson, E. R., . . . Bartlett, G. K. (2011). Conformality study for stereotactic radiosurgery of the lung. *Medical Dosimetry, 36*(1), 14-20.

Expert Panel on Radiation Oncology-Brain,Metastases, Videtic, G. M., Gaspar, L. E., Aref, A. M., Germano, I. M., Goldsmith, B. J., . . . Wippold, F. J.,2nd. (2009). American college of radiology appropriateness criteria on multiple brain metastases. *International Journal of Radiation Oncology, Biology, Physics, 75*(4), 961-965.

Fahrig A, Ganslandt O, Lambrecht U, Grabenbauer G, Kleinert G, Sauer R, Hamm K. Hypofractionated Stereotactic Radiotherapy for Brain Metastases : Results from Three Different Dose Concepts. *Strahlenther Onkol.* 2007 Nov;183(11):625-630. *University of Erlangen, Germany*

Fahrig, A., Ganslandt, O., Lambrecht, U., Grabenbauer, G., Kleinert, G., Sauer, R., & Hamm, K. (2007). Hypofractionated stereotactic radiotherapy for brain metastases--results from three different dose concepts. *Strahlentherapie Und Onkologie, 183*(11), 625-630.

Faygelman V, Hunt D, Walker L, Mueller R, Demarco ML, Dilling T, Stevens C, Zhang G. Validation of Pinnacle treatment planning system for use with Novalis delivery unit. *J Appl Clin Med Phys.* 2010 Jun 15;11(3):3240 *H. Lee Moffitt Cancer Center, Tampa, FL*

Feigl, G. C., & Horstmann, G. A. (2006). Volumetric follow up of brain metastases: A useful method to evaluate treatment outcome and predict survival after gamma knife surgery?. *Journal of Neurosurgery, 105*(Suppl), 91-98.

Feigl, G. C., Bonelli, C. M., Berghold, A., & Mokry, M. (2002). Effects of gamma knife radiosurgery of pituitary adenomas on pituitary function. *Journal of Neurosurgery, 97*(5 Suppl), 415-421.

Feigl, G. C., Pistracher, K., Berghold, A., & Mokry, M. (2010). Pituitary insufficiency as a side effect after radiosurgery for pituitary adenomas: The role of the hypothalamus. *Journal of Neurosurgery, 113*(Suppl), 153-159.

Feigl, G. C., Samii, M., & Horstmann, G. A. (2007). Volumetric follow-up of meningiomas: A quantitative method to evaluate treatment outcome of gamma knife radiosurgery. *Neurosurgery, 61*(2), 281-286.

Feyer P. Sautter-Bihl ML. Budach W. Dunst J. Haase W. Harms W. Sedlmayer F. Souchon R. Wenz F. Sauer R. Breast Cancer Expert Panel of the German Society of Radiation Oncology (DEGRO). (2010). DEGRO practical guidelines for palliative radiotherapy of breast cancer patients: Brain metastases and leptomeningeal carcinomatosis. *Strahlentherapie Und Onkologie, 186*(2), 63-69.

Finn MA, Vrionis FD, Schmidt MH. Spinal radiosurgery for metastatic disease of the spine. *Cancer Control.* 2007 Oct;14(4):405-11. *Univ of Utah, Salt Lake City*

Flannery, T. W., Suntharalingam, M., Kwok, Y., Koffman, B. H., Amin, P. P., Chin, L. S., . . . Regine, W. F. (2003). Gamma knife stereotactic radiosurgery for synchronous versus metachronous solitary brain metastases from non-small cell lung cancer. *Lung Cancer, 42*(3), 327-333.

Flannery, T. W., Suntharalingam, M., Regine, W. F., Chin, L. S., Krasna, M. J., Shehata, M. K., . . . Kwok, Y. (2008). Long-term survival in patients with synchronous, solitary brain metastasis from non-small-cell lung cancer treated with radiosurgery. *International Journal of Radiation Oncology, Biology, Physics, 72*(1), 19-23.

Flannery, T.K., H.; Niranjan, A.; Monaco, E. A., 3rd; Flickinger, J. C.; Kofler, J.; Lunsford, L. D.; Kondziolka, D., Gamma knife radiosurgery as a therapeutic strategy for intracranial sarcomatous metastases. International Journal of Radiation Oncology, Biology, Physics, 2010. 76(2): p. 513-9.

Flannery, T.W.S., M.; Regine, W. F.; Chin, L. S.; Krasna, M. J.; Shehata, M. K.; Edelman, M. J.; Kremer, M.; Patchell, R. A.; Kwok, Y., Long-term survival in patients with synchronous, solitary brain metastasis from non-small-cell lung cancer treated with radiosurgery. International Journal of Radiation Oncology, Biology, Physics, 2008. 72(1): p. 19-23.

Flannery, T.W.S., Mohan; Kwok, Young; Koffman, Bradley H.; Amin, Pradip P.; Chin, Lawrence S.; Nicol, Bradley; Fowler, Zack; Young, A. Byron; Regine, William F., Gamma knife stereotactic radiosurgery for synchronous versus metachronous solitary brain metastases from non-small cell lung cancer. Lung cancer, 2003. 42(3): p. 327-33.

Fogarty, G., Morton, R. L., Vardy, J., Nowak, A. K., Mandel, C., Forder, P. M., et al. (2011). Whole brain radiotherapy after local treatment of brain metastases in melanoma patients--a randomised phase III trial. *BMC Cancer, 11*, 142.

Fogh SE, Andrews DW, Glass J, Curran W, Glass C, Champ C, Evans JJ, Hyslop T, Pequignot E, Downes B, Comber E, Maltenfort M, Dicker AP, Werner-Wasik M. Hypofractionated stereotactic radiation therapy: an effective therapy for recurrent high-grade gliomas. J Clin Oncol. 2010 Jun 20;28(18):3048-53. Epub 2010 May 17. Erratum in: J Clin Oncol. 2010 Sep 20;28(27):4280.

Fogh, S. E., Andrews, D. W., Glass, J., Curran, W., Glass, C., Champ, C., . . . Werner-Wasik, M. (2010). Hypofractionated stereotactic radiation therapy: An effective therapy for recurrent high-grade gliomas. *Journal of Clinical Oncology, 28*(18), 3048-3053.

Fogliata A, Clivio A, Nicolini G, Vanetti E, Cozzi L. Intensity modulation with photons for benign intracranial tumours: a planning comparison of volumetric single arc, helical arc and fixed gantry techniques. *Radiother Oncol.* 2008 Dec;89(3):254-62. *Oncology Institute of Southern Switzerland, Bellinzona, Switzerland.*

Foote, R. L., Pollock, B. E., Link, M. J., Garces, Y. I., & Kline, R. W. (2004). Leksell gamma knife coordinate setting slippage: How often, how much?. *Journal of Neurosurgery, 101*(4), 590-593.

Fox TH, Elder ES, Crocker IR, Davis LW, Landry JC, Johnstone PA. Clinical implementation and efficiency of kilovoltage image-guided radiation therapy. *J Am Coll Radiol.* 2006 Jan;3(1):38-44. *Emory University, Atlanta*

Fox, J., & Kleinberg, L. (2007). Evolving management of newly diagnosed brain metastases: Expanding role of radiosurgery in lieu of whole brain radiation. *Future Oncology, 3*(3), 285-293.

Fragoso M, Wen N, Kumar S, Liu D, Ryu S, Movsas B, Munther A, Chetty IJ. Dosimetric verification and clinical evaluation of a new commercially available Monte Carlo-based dose algorithm for application in stereotactic body radiation therapy (SBRT) treatment planning. *Phys Med Biol.* 2010 Aug 21;55(16):4445-64. *Henry Ford Health System, Detroit, MI*

Francel, P. C., Bhattacharjee, S., & Tompkins, P. (2002). Skull base approaches and gamma knife radiosurgery for multimodality treatment of skull base tumors. *Journal of Neurosurgery, 97*(5 Suppl), 674-676. Franzin, A., Spatola, G., Serra, C., Picozzi, P., Medone, M., Milani, D., . . . Mortini, P. (2009). Evaluation of hearing function after gamma knife surgery of vestibular schwannomas. *Neurosurgical Focus, 27*(6), E3.

Friedman WA, Bradshaw P, Myers A, Bova FJ. Linear accelerator radiosurgery for vestibular schwannomas. *J Neurosurg*. 2006 Nov;105(5):657-61. *University of Florida, Gainesville*

Friedman WA, Foote KD. Linear accelerator-based radiosurgery for vestibular schwannoma, *Neurosurg Focus*. 2003 May 15;14(5):e2. *University of Florida, Gainesville*

Friedman WA. Linear accelerator radiosurgery for vestibular schwannomas. *Prog Neurol Surg.* 2008;21:228- 37. *University of Florida, Gainesville*

Friedman, W. A. (2004). Part III: Radiosurgery in the treatment of brain metastases. *Clinical Neurosurgery, 51*, 264-270.

Friedman, W. A., Bradshaw, P., Myers, A., & Bova, F. J. (2006). Linear accelerator radiosurgery for vestibular schwannomas. *Journal of Neurosurgery, 105*(5), 657-661.

Fritz, P., Kraus, H. J., Muhlnickel, W., Sassmann, V., Hering, W., & Strauch, K. (2010). High-frequency jet ventilation for complete target immobilization and reduction of planning target volume in stereotactic high single-dose irradiation of stage I non-small cell lung cancer and lung metastases. *International Journal of Radiation Oncology, Biology, Physics, 78*(1), 136-142.

Fuentes, S., Delsanti, C., Metellus, P., Peragut, J. C., Grisoli, F., & Regis, J. (2006). Brainstem metastases: Management using gamma knife radiosurgery. *Neurosurgery, 58*(1), 37-42.

Fuentes, S.D., Christine; Metellus, Philippe; Peragut, Jean Claude; Grisoli, François; Regis, Jean, Brainstem metastases: management using gamma knife radiosurgery. Neurosurgery, 2006. 58(1): p. 37-42.

Fuller CD, Thoas CR, Schwartz S, Golden N, Ting J, Wong A, Erdogmus D, Scarbrough TJ. Method comparison of ultrasound and kilovoltage x-ray fiducial marker imaging for prostate radiotherapy targeting. *Phys Med Biol*. 2006 Oct 7;51(19):4981-93. *University of Texas Health Science Center, San Antonio, TX*

Furuse, M., Aoki, T., Takagi, T., Takahashi, J. A., & Ishikawa, M. (2008). Frameless stereotactic radiosurgery with a bite-plate: Our experience with brain metastases. *Minimally Invasive Neurosurgery, 51*(6), 333-335.

Fuss M, Thomas CR Jr. Stereotactic body radiation therapy: an ablative treatment option for primary and secondary liver tumors. *Ann Surg Oncol.* 2004 Feb;11(2):130-8. *The University of Texas Health Science Center at San Antonio, San Antonio,*

Gagne IM, Ansbacher W, Zavgorodni S, Popescu C, Beckham WA. A Monte Carlo evaluation of RapidArc dose calculations for oropharynx radiotherapy. *Phys Med Biol.* 2008 Dec 21;53(24):7167-85. *BC Cancer Agency-Vancouver Island Centre, Victoria, British Columbia, Canada*.

Ganz, J. C. (2007). Surgery or gamma knife. *Journal of Neurosurgery, 106*(5), 937-938.

Ganz, J. C., Reda, W. A., Abdelkarim, K., & Hafez, A. (2005). A simple method for predicting imaging-based complications following gamma knife surgery for cerebral arteriovenous malformations. *Journal of Neurosurgery, 102*(Suppl), 4-7.

Gao, X., Zhang, X. N., Zhang, Y. T., Yu, C. S., & Xu, D. S. (2011). Magnetic resonance imaging in assessment of treatment response of gamma knife for brain tumors. *Chinese Medical Journal, 124*(12), 1906-1910.

Geneser SE, Hinkle JD, Kirby RM, Wang B, Salter B, Joshi S. Quantifying variability in radiation dose due to respiratory-induced tumor motion. *Med Image Anal.* 2010 Jul 14. *University of Utah*, *Salt Lake City, UT* [Epub ahead of print]

Geneser SE, Kirby RM, Wang B, Salter B, Joshi S. Incorporating patient breathing variability into a stochastic model of dose deposition for stereotactic body radiation therapy. *Inf Process Med Imaging.* 2009;21:688- 700. *University of Utah, Salt Lake City, UT*

Gerosa, M., Mesiano, N., Longhi, M., De Simone, A., Foroni, R., Verlicchi, A., . . . Nicolato, A. (2010). Gamma knife surgery in vestibular schwannomas: Impact on the anterior and posterior labyrinth. *Journal of Neurosurgery, 113*(Suppl), 128-135.

Gerosa, M., Nicolato, A., & Foroni, R. (2003). The role of gamma knife radiosurgery in the treatment of primary and metastatic brain tumors. *Current Opinion in Oncology, 15*(3), 188-196.

Gerosa, M., Nicolato, A., Foroni, R., Tomazzoli, L., & Bricolo, A. (2005). Analysis of long-term outcomes and prognostic factors in patients with non-small cell lung cancer brain metastases treated by gamma knife radiosurgery. *Journal of Neurosurgery, 102*(Suppl), 75-80.

Gerosa, M., Nicolato, A., Foroni, R., Zanotti, B., Tomazzoli, L., Miscusi, M., . . . Bricolo, A. (2002). Gamma knife radiosurgery for brain metastases: A primary therapeutic option. *Journal of Neurosurgery, 97*(5 Suppl), 515-524.

Gerosa, M., Visca, A., Rizzo, P., Foroni, R., Nicolato, A., & Bricolo, A. (2006). Glomus jugulare tumors: The option of gamma knife radiosurgery. *Neurosurgery, 59*(3), 561-569.

Gerosa, M.N., Antonio; Foroni, Roberto; Tomazzoli, Laura; Bricolo, Albino, Analysis of long-term outcomes and prognostic factors in patients with non-small cell lung cancer brain metastases treated by gamma knife radiosurgery. Journal of neurosurgery, 2005. 102: p. 75-80.

Gerosa, M.N., Antonio; Foroni, Roberto; Zanotti, Bruno; Tomazzoli, Laura; Miscusi, Massimo; Alessandrini, Franco; Bricolo, Albino, Gamma knife radiosurgery for brain metastases: a primary therapeutic option. Journal of neurosurgery, 2002. 97(5Suppl): p. 515-24.

Gerszten, P. C., Monaco, E. A.,3rd, Quader, M., Novotny, J.,Jr, Kim, J. O., Flickinger, J. C., & Huq, M. S. (2010). Setup accuracy of spine radiosurgery using cone beam computed tomography image guidance in patients with spinal implants. *Journal of Neurosurgery Spine, 12*(4), 413-420.

Gerszten, P. C., Ozhasoglu, C., Burton, S. A., Vogel, W. J., Atkins, B. A., Kalnicki, S., & Welch, W. C. (2004). CyberKnife frameless stereotactic radiosurgery for spinal lesions: Clinical experience in 125 cases. *Neurosurgery, 55*(1), 89-98.

Giller, C. A. (2011). Feasibility of identification of gamma knife planning strategies by identification of pareto optimal gamma knife plans. *Technology in Cancer Research & Treatment, 10*(6), 561-574.

Giller, C. A., & Fiedler, J. A. (2008). Virtual framing: The feasibility of frameless radiosurgical planning for the gamma knife. *Journal of Neurosurgery, 109*(Suppl), 25-33.

Gnanadurai, A., Purushothamam, L., Rajshekhar, V., Choudhury, R., & Ravindran, P. (2004). Stereotactic radiosurgery for brain lesions: An observation and follow-up. *Journal of Neuroscience Nursing, 36*(4), 225-227.

Golden, D. W., Lamborn, K. R., McDermott, M. W., Kunwar, S., Wara, W. M., Nakamura, J. L., et al. (2008). Prognostic factors and grading systems for overall survival in patients treated with radiosurgery for brain metastases: Variation by primary site. *Journal of Neurosurgery, 109*(Suppl), 77-86.

Goodman, K. A., Wiegner, E. A., Maturen, K. E., Zhang, Z., Mo, Q., Yang, G., . . . Koong, A. C. (2010). Dose-escalation study of single-fraction stereotactic body radiotherapy for liver malignancies. *International Journal of Radiation Oncology, Biology, Physics, 78*(2), 486-493.

Gopalan, R., Dassoulas, K., Rainey, J., Sherman, J. H., & Sheehan, J. P. (2008). Evaluation of the role of gamma knife surgery in the treatment of craniopharyngiomas. *Neurosurgical Focus, 24*(5), E5.

Griessbach, I., Lapp, M., Bohsung, J., Gademann, G., & Harder, D. (2005). Dosimetric characteristics of a new unshielded silicon diode and its application in clinical photon and electron beams. *Medical Physics, 32*(12), 3750-3754.

Grosu AL, Lachner R, Wiedenmann N, Stärk S, Thamm R, Kneschaurek P, Schwaiger M, Molls M, Weber WA. Validation of a method for automatic image fusion (BrainLAB System) of CT data and 11C-methionine- PET data for stereotactic radiotherapy using a LINAC: first clinical experience. *Int J Radiat Oncol Biol Phys.* 2003 Aug 1;56(5):1450-63. *Technical University Munich, DE*

Grosu, A. L., Weber, W. A., Astner, S. T., Adam, M., Krause, B. J., Schwaiger, M., . . . Nieder, C. (2006). 11C-methionine PET improves the target volume delineation of meningiomas treated with stereotactic fractionated radiotherapy. *International Journal of Radiation Oncology, Biology, Physics, 66*(2), 339-344.

Growth Hormone Research, S., & Pituitary, S. (2004). Biochemical assessment and long-term monitoring in patients with acromegaly: Statement from a joint consensus conference

of the growth hormone research society and the pituitary society. *Journal of Clinical Endocrinology & Metabolism, 89*(7), 3099-3102.

Guckenberger, M., Kavanagh, A., Webb, S., & Brada, M. (2011). A novel respiratory motion compensation strategy combining gated beam delivery and mean target position concept --a compromise between small safety margins and long duty cycles. *Radiotherapy & Oncology, 98*(3), 317-322.

Guckenberger, M., Wilbert, J., Krieger, T., Richter, A., Baier, K., & Flentje, M. (2009). Mid-ventilation concept for mobile pulmonary tumors: Internal tumor trajectory versus selective reconstruction of four-dimensional computed tomography frames based on external breathing motion. *International Journal of Radiation Oncology, Biology, Physics, 74*(2), 602-609.

Guerrero, M., & Li, X. A. (2004). Extending the linear-quadratic model for large fraction doses pertinent to stereotactic radiotherapy. *Physics in Medicine & Biology, 49*(20), 4825-4835.

Guerrero, M., Li, X. A., & Ma, L. (2003). A technique to sharpen the beam penumbra for gamma knife radiosurgery. *Physics in Medicine & Biology, 48*(12), 1843-1853.

Haasbeek CJ, Lagerwaard FJ, Cuijpers JP, Slotman BJ, Senan S. Is adaptive treatment planning required for stereotactic radiotherapy of stage I non-small-cell lung cancer? *Int J Radiat Oncol Biol Phys.* 2007 Apr 1;67(5):1370-4. *VU University Medical Center, Amsterdam, NL*

Haasbeek CJ, Senan S, Smit EF, Paul MA, Slotman BJ, Lagerwaard FJ. Critical review of nonsurgical treatment options for stage I non-small cell lung cancer. *Oncologist*. 2008 Mar;13(3):309-19. *VU University Medical Center, Amsterdam, NL*

Haasbeek CJ, Spoelstra FO, Lagerwaard FJ, van Sörnsen de Koste JR, Cuijpers JP, Slotman BJ, Senan S. Impact of Audio-Coaching on The Position of Lung Tumors. *Int J Radiat Oncol Biol Phys.* 2008 Jul 15;71(4):1118-23. *VU University Medical Center, Amsterdam, The Netherlands.*

Hadziahmetovic M, Loo BW, Timmerman RD, Mayr NA, Wang JZ, Huang Z, Grecula JC, Lo SS. Stereotactic body radiation therapy (stereotactic ablative radiotherapy) for stage I non-small cell lung cancer—updates of radiobiology, techniques, and clinical outcomes. *Discov Med.* 2010 May;9(48):411-7 *Ohio State University, Columbus, OH*

Haedinger, U., Krieger, T., Flentje, M., & Wulf, J. (2005). Influence of calculation model on dose distribution in stereotactic radiotherapy for pulmonary targets. *International Journal of Radiation Oncology, Biology, Physics, 61*(1), 239-249.

Hamamoto, Y., Kataoka, M., Yamashita, M., Shinkai, T., Kubo, Y., Sugawara, Y., . . . Uwatsu, K. (2010). Local control of metastatic lung tumors treated with SBRT of 48 gy in four fractions: In comparison with primary lung cancer. *Japanese Journal of Clinical Oncology, 40*(2), 125-129.

Hamamoto, Y., Manabe, T., Nishizaki, O., Takahashi, T., Isshiki, N., Murayama, S., . . . Umeda, M. (2004). Influence of collimator size on three-dimensional conformal radiotherapy of the cyberknife. *Radiation Medicine, 22*(6), 442-448.

Hamamoto, Y., Sugawara, Y., Inoue, T., Kataoka, M., Ochi, T., Takahashi, T., & Sakai, S. (2011). Relationship between pretreatment FDG uptake and local control after stereotactic body radiotherapy in stage I non-small-cell lung cancer: The preliminary results. *Japanese Journal of Clinical Oncology, 41*(4), 543-547.

Han, J. H., Kim, D. G., Oh, C. W., Kim, C. Y., Kim, Y. H., Park, J. H., . . . Jung, H. W. (2012). Progression of the lung cancer primary correlates with the identification of new brain metastases after initial radiosurgery. *Journal of Neuro-Oncology, 106*(1), 161-167.

Han, K., Cheung, P., Basran, P. S., Poon, I., Yeung, L., & Lochray, F. (2010). A comparison of two immobilization systems for stereotactic body radiation therapy of lung tumors. *Radiotherapy and Oncology : Journal of the European Society for Therapeutic Radiology and Oncology, 95*(1), 103-108.

Hanlon, J., Firpo, M., Chell, E., Moshfeghi, D. M., & Bolch, W. E. (2011). Stereotactic radiosurgery for AMD: A monte carlo-based assessment of patient-specific tissue doses. *Investigative Ophthalmology & Visual Science, 52*(5), 2334-2342.

Hansasuta, A., Choi, C. Y., Gibbs, I. C., Soltys, S. G., Tse, V. C., Lieberson, R. E., . . . Chang, S. D. (2011). Multisession stereotactic radiosurgery for vestibular schwannomas: Single-institution experience with 383 cases. *Neurosurgery, 69*(6), 1200-1209.

Hansen AT, Petersen JB, Hoyer M. Internal movement, set-up accuracy and margins for stereotactic body radiotherapy using a stereotactic body frame. *Acta Oncol*. 2006;45(7):948-52, *Aarhus University Hospital, Aarhus, Denmark*

Hanssens, P., et al., Salvage treatment of distant recurrent brain metastases with Gamma Knife surgery. Acta Neurochirurgica, 2011

Haque, R., Wojtasiewicz, T. J., Gigante, P. R., Attiah, M. A., Huang, B., Isaacson, S. R., & Sisti, M. B. (2011). Efficacy of facial nerve-sparing approach in patients with vestibular schwannomas. *Journal of Neurosurgery, 115*(5), 917-923.

Hara, W., Tran, P., Li, G., Su, Z., Puataweepong, P., Adler, J. R.,Jr, . . . Gibbs, I. C. (2009). Cyberknife for brain metastases of malignant melanoma and renal cell carcinoma. *Neurosurgery, 64*(2 Suppl), A26-32.

Harel R, Angelov L. Spine metastases: Current treatments and future directions. *Eur J Cancer.* 2010 Oct;46(15):2696-707.*Cleveland Clinic Foundation, Cleveland, OH*

Harputluoglu, H., Dizdar, O., Aksoy, S., Kilickap, S., Dede, D. S., Ozisik, Y., . . . Altundag, K. (2008). Characteristics of breast cancer patients with central nervous system metastases: A single-center experience. *Journal of the National Medical Association, 100*(5), 521-526.

Harsh, G. R., Thornton, A. F., Chapman, P. H., Bussiere, M. R., Rabinov, J. D., & Loeffler, J. S. (2002). Proton beam stereotactic radiosurgery of vestibular schwannomas. *International Journal of Radiation Oncology, Biology, Physics, 54*(1), 35-44.

Hasegawa, T., Ishii, D., Kida, Y., Yoshimoto, M., Koike, J., & Iizuka, H. (2007). Gamma knife surgery for skull base chordomas and chondrosarcomas. *Journal of Neurosurgery, 107*(4), 752-757.

Hasegawa, T., Kida, Y., Kato, T., Iizuka, H., & Yamamoto, T. (2011). Factors associated with hearing preservation after gamma knife surgery for vestibular schwannomas in patients who retain serviceable hearing. *Journal of Neurosurgery, 115*(6), 1078-1086.

Hasegawa, T., Kida, Y., Yoshimoto, M., & Koike, J. (2007). Trigeminal schwannomas: Results of gamma knife surgery in 37 cases. *Journal of Neurosurgery, 106*(1), 18-23.

Hasegawa, T., Kida, Y., Yoshimoto, M., Koike, J., & Goto, K. (2006). Evaluation of tumor expansion after stereotactic radiosurgery in patients harboring vestibular schwannomas. *Neurosurgery, 58*(6), 1119-1128.

Hasegawa, T., Kida, Y., Yoshimoto, M., Koike, J., Iizuka, H., & Ishii, D. (2007). Long-term outcomes of gamma knife surgery for cavernous sinus meningioma. *Journal of Neurosurgery, 107*(4), 745-751.

Hasegawa, T., Kobayashi, T., & Kida, Y. (2010). Tolerance of the optic apparatus in single-fraction irradiation using stereotactic radiosurgery: Evaluation in 100 patients with craniopharyngioma. *Neurosurgery, 66*(4), 688-694.

Hatiboglu, M. A., Chang, E. L., Suki, D., Sawaya, R., Wildrick, D. M., & Weinberg, J. S. (2011). Outcomes and prognostic factors for patients with brainstem metastases undergoing stereotactic radiosurgery. *Neurosurgery, 69*(4), 796-806.

Hayashi N, Uchiyama Y, Mori Y, Hashizume C, Kobayashi T, Yamada M, Obata Y. [Evaluation of patient setup accuracy with Novalis system in stereotactic radiosurgery] *Nippon Hoshasen Gijutsu Gakkai Zasshi.* 2008 Jan 20;64(1):117-9. *Nagoya Kyoritsu Hospital, Japan*

Hayashi, M., Ochiai, T., Nakaya, K., Chernov, M., Tamura, N., Maruyama, T., . . . Regis, J. (2006). Current treatment strategy for vestibular schwannoma: Image-guided robotic microradiosurgery. *Journal of Neurosurgery, 105*(Suppl), 5-11.

Hayashi, N., Obata, Y., Uchiyama, Y., Mori, Y., Hashizume, C., & Kobayashi, T. (2009). Assessment of spatial uncertainties in the radiotherapy process with the novalis system. *International Journal of Radiation Oncology, Biology, Physics, 75*(2), 549-557.

Hazard LJ, Wang B, Skidmore TB, Chern SS, Salter BJ, Jensen RL, Shrieve DC. Conformity of Linear Accelerator- based Stereotactic Radiosurgery Using Dynamic Conformal Arcs or

Intensity Modulation and Micro- Multileaf Collimator. *Int J Radiat Oncol Biol Phys*. 2009 Feb 1;73(2):562-70 *University of Utah, Salt Lake City*

Hazard, L. J., Wang, B., Skidmore, T. B., Chern, S. S., Salter, B. J., Jensen, R. L., & Shrieve, D. C. (2009). Conformity of LINAC-based stereotactic radiosurgery using dynamic conformal arcs and micro-multileaf collimator. *International Journal of Radiation Oncology, Biology, Physics, 73*(2), 562-570.

Henderson MA, Shirazi H, Lo SS, Mendonca MS, Fakiris AJ, Witt TC, Worth RM, Timmerman RD. Stereotactic radiosurgery and fractionated stereotactic radiotherapy in the treatment of uveal melanoma. *Technol Cancer Res Treat*. 2006 Aug;5(4):411-9. *University of Texas Southwestern Medical Center, Dallas*

Henzel, M., Gross, M. W., Hamm, K., Surber, G., Kleinert, G., Failing, T., . . . Engenhart-Cabillic, R. (2006). Significant tumor volume reduction of meningiomas after stereotactic radiotherapy: Results of a prospective multicenter study. *Neurosurgery, 59*(6), 1188-1194.

Henzel, M., Hamm, K., Sitter, H., Gross, M. W., Surber, G., Kleinert, G., & Engenhart-Cabillic, R. (2009). Comparison of stereotactic radiosurgery and fractionated stereotactic radiotherapy of acoustic neurinomas according to 3-D tumor volume shrinkage and quality of life. *Strahlentherapie Und Onkologie, 185*(9), 567-573.

Herfarth, K. K., Izwekowa, O., Thilmann, C., Pirzkall, A., Delorme, S., Hofmann, U., . . . Debus, J. (2003). Linac-based radiosurgery of cerebral melanoma metastases. analysis of 122 metastases treated in 64 patients. *Strahlentherapie Und Onkologie, 179*(6), 366-371.

Hermann, R. M., Christiansen, H., Schmidberger, H., Hess, C. F., & Pradier, O. (2004). Comment on 'dieckmann K, georg D, zehetmayer M, bogner J, georgopoulos M, potter R. LINAC based stereotactic radiotherapy of uveal melanoma: 4 years clinical experience.' [radiother oncol. 2003;67(2):199-206]. *Radiotherapy & Oncology, 70*(2), 211.

Heron DE. Stereotactic body radiation therapy for recurrent head & neck cancers: rethi nking nonoperative salvage strategies. *Future Oncol*. 2009 Nov;5(9):1321-5, *UPMC Medical Center, Pittsburgh, PA*

Hof, H., Rhein, B., Haering, P., Kopp-Schneider, A., Debus, J., & Herfarth, K. (2009). 4D-CT-based target volume definition in stereotactic radiotherapy of lung tumours: Comparison with a conventional technique using individual margins. *Radiotherapy & Oncology, 93*(3), 419-423.

Hoffmann L. Implementation and experimental validation of the high dose rate stereotactic treatment mode at Varian accelerators. *Acta Oncol*. 2008 Aug 29; 1-8 *Aarhus University Hospital, Aarhus, DN*

Holmes, D. R., Baum, M., & Joseph, D. (2007). The TARGIT trial: Targeted intraoperative radiation therapy versus conventional postoperative whole-breast radiotherapy after

breast-conserving surgery for the management of early-stage invasive breast cancer (a trial update). *American Journal of Surgery, 194*(4), 507-510.

Holmes, D. R., Baum, M., & Joseph, D. (2007). The TARGIT trial: Targeted intraoperative radiation therapy versus conventional postoperative whole-breast radiotherapy after breast-conserving surgery for the management of early-stage invasive breast cancer (a trial update). *American Journal of Surgery, 194*(4), 507-510.

Hong, J. C., Yu, Y., Rao, A. K., Dieterich, S., Maxim, P. G., Le, Q. T., . . . Loo, B. W.,Jr. (2011). High retention and safety of percutaneously implanted endovascular embolization coils as fiducial markers for image-guided stereotactic ablative radiotherapy of pulmonary tumors. *International Journal of Radiation Oncology, Biology, Physics, 81*(1), 85-90.

Hong, L. X., Garg, M., Lasala, P., Kim, M., Mah, D., Chen, C. C., . . . Kalnicki, S. (2011). Experience of micromultileaf collimator linear accelerator based single fraction stereotactic radiosurgery: Tumor dose inhomogeneity, conformity, and dose fall off. *Medical Physics, 38*(3), 1239-1247.

Honore, H. B., & Bentzen, S. M. (2006). A modelling study of the potential influence of low dose hypersensitivity on radiation treatment planning. *Radiotherapy & Oncology, 79*(1), 115-121.

Horstmann, G. A., & Van Eck, A. T. (2002). Gamma knife model C with the automatic positioning system and its impact on the treatment of vestibular schwannomas. *Journal of Neurosurgery, 97*(5 Suppl), 450-455.

Hsi WC, Zhang Y, Kirk MC, Bernard D, Chu JC. Limited accuracy of dose calculation for large fields at deep depths using the BrainSCAN v5.21 treatment planning system. *J Appl Clin Med Phys.* 2005 Spring;6(2):12- 8. *Rush University Medical Center, Chicago*

Hsu PW, Chang CN, Lee ST, Huang YC, Chen HC, Wang CC, Hsu YH, Tseng CK, Chen YL, Wei KC. Outcomes of 75 patients over 12 years treated for acoustic neuromas with linear accelerator-based radiosurgery. *J Clin Neurosci.* 2010 May;17(5):556-60. *Chang Gung University, Kweishan, Taoyuan, TW*

Hsu, P. W., Chang, C. N., Lee, S. T., Huang, Y. C., Chen, H. C., Wang, C. C., . . . Wei, K. C. (2010). Outcomes of 75 patients over 12 years treated for acoustic neuromas with linear accelerator-based radiosurgery. *Journal of Clinical Neuroscience, 17*(5), 556-560.

Hua C, Chang J, Yenice K, Chan M, Amols H. A practical approach to prevent gantry-couch collision for linac-based radiosurgery. *Med Phys.* 2004 Jul;31(7):2128-34. *Memorial Sloan-Kettering Cancer Center, New York*

Hua, C., Chang, J., Yenice, K., Chan, M., & Amols, H. (2004). A practical approach to prevent gantry-couch collision for linac-based radiosurgery. *Medical Physics, 31*(7), 2128-2134.

Huang L, Park K, Boike T, Lee P, Papiez L, Solberg T, Ding C, Timmerman RD A study on the dosimetric accuracy of treatment planning for stereotactic body radiation therapy of lung cancer using average and maximum intensity projection images. *Radiother Oncol.* 2010 Jul;96(1):48-54. *The University of Texas Southwestern Medical Center, Dallas*

Huang, C. F., Tu, H. T., Liu, W. S., & Lin, L. Y. (2008). Gamma knife surgery for trigeminal pain caused by benign brain tumors. *Journal of Neurosurgery, 109*(Suppl), 154-159.

Huang, C.F.C., S. Y.; Wu, M. F.; Tu, H. T.; Liu, W. S.; Chuang, J. C., Apparent diffusion coefficients for evaluation of the response of brain tumors treated by Gamma Knife surgery. Journal of Neurosurgery, 2010. 113 Suppl: p. 97-104

Huang, L., Park, K., Boike, T., Lee, P., Papiez, L., Solberg, T., . . . Timmerman, R. D. (2010). A study on the dosimetric accuracy of treatment planning for stereotactic body radiation therapy of lung cancer using average and maximum intensity projection images. *Radiotherapy & Oncology, 96*(1), 48-54.

Hudgins, W. R., Antes, K. J., Herbert, M. A., Weiner, R. L., DeSaloms, J. M., Stamos, D., . . . Schwarz, D. E. (2006). Control of growth of vestibular schwannomas with low-dose gamma knife surgery. *Journal of Neurosurgery, 105*(Suppl), 154-160.

Huntzinger C, Friedman W, Bova F, Fox T, Bouchet L, Boeh L. Trilogy image-guided stereotactic radiosurgery. *Med Dosim*. 2007 Summer;32(2):121-33. *University of Florida, Gainesville & Varian, Palo Alto*

Huntzinger C, Munro P, Johnson S, Miettinen M, Zankowski C, Ahlstrom G, Glettig R, Filliberti R, Kaissl W, Kamber M, Amstutz M, Bouchet L, Klebanov D, Mostafavi H, Stark R. Dynamic targeting image-guided radiotherapy. *Med Dosim.* 2006 Summer;31(2):113-25. Review. *University of Florida, Gainesville & Varian*

Hurkmans, C. W., Cuijpers, J. P., Lagerwaard, F. J., Widder, J., van der Heide, U. A., Schuring, D., & Senan, S. (2009). Recommendations for implementing stereotactic radiotherapy in peripheral stage IA non-small cell lung cancer: Report from the quality assurance working party of the randomised phase III ROSEL study. *Radiation Oncology (London, England), 4*, 1.

Hurkmans, C. W., van Lieshout, M., Schuring, D., van Heumen, M. J., Cuijpers, J. P., Lagerwaard, F. J., . . . Senan, S. (2011). Quality assurance of 4D-CT scan techniques in multicenter phase III trial of surgery versus stereotactic radiotherapy (radiosurgery or surgery for operable early stage (stage 1A) non-small-cell lung cancer [ROSEL] study). *International Journal of Radiation Oncology, Biology, Physics, 80*(3), 918-927.

Ichinose, T., Goto, T., Ishibashi, K., Takami, T., & Ohata, K. (2010). The role of radical microsurgical resection in multimodal treatment for skull base meningioma. *Journal of Neurosurgery, 113*(5), 1072-1078.

Icli, F., Akbulut, H., Bazarbashi, S., Kuzu, M. A., Mallath, M. K., Rasul, K. I., . . . MENA Colon Cancer Regional Guidelines,Committee. (2010). Modification and implementation of

NCCN guidelines on colon cancer in the middle east and north africa region. *Journal of the National Comprehensive Cancer Network, 8*(Suppl 3), S22-5.

Igaki, H., Maruyama, K., Koga, T., Murakami, N., Tago, M., Terahara, A., . . . Ohtomo, K. (2009). Stereotactic radiosurgery for skull base meningioma. *Neurologia Medico-Chirurgica, 49*(10), 456-461.

Ikushima, H., Balter, P., Komaki, R., Hunjun, S., Bucci, M. K., Liao, Z., . . . Dong, L. (2011). Daily alignment results of in-room computed tomography-guided stereotactic body radiation therapy for lung cancer. *International Journal of Radiation Oncology, Biology, Physics, 79*(2), 473-480.

Ishihara, H., Saito, K., Nishizaki, T., Kajiwara, K., Nomura, S., Yoshikawa, K., . . . Suzuki, M. (2004). CyberKnife radiosurgery for vestibular schwannoma. *Minimally Invasive Neurosurgery, 47*(5), 290-293.

Ishiyama H, Teh BS, Lo SS, Mathews T, Blanco A, et al. Stereotactic body radiation therapy for prostate cancer. Future Oncol. 2011 Sep;7(9):1077-86.

Iwai, Y., Yamanaka, K., & Morikawa, T. (2004). Adjuvant gamma knife radiosurgery after meningioma resection. *Journal of Clinical Neuroscience, 11*(7), 715-718.

Iwai, Y., Yamanaka, K., & Yasui, T. (2008). Boost radiosurgery for treatment of brain metastases after surgical resections. *Surgical Neurology, 69*(2), 181-186. Iwai, Y., Yamanaka, K., & Yoshioka, K. (2005). Radiosurgery for nonfunctioning pituitary adenomas. *Neurosurgery, 56*(4), 699-705.

Iwai, Y.Y., K.; Yasui, T., Boost radiosurgery for treatment of brain metastases after surgical resections. Surgical Neurology, 2008. 69(2): p. 181-6; discussion 186.

Iwata, H., Shibamoto, Y., Baba, F., Sugie, C., Ogino, H., Murata, R., . . . Miyakawa, A. (2011). Correlation between the serum KL-6 level and the grade of radiation pneumonitis after stereotactic body radiotherapy for stage I lung cancer or small lung metastasis. *Radiotherapy & Oncology, 101*(2), 267-270.

Jane, J. A.,Jr, Vance, M. L., Woodburn, C. J., & Laws, E. R.,Jr. (2003). Stereotactic radiosurgery for hypersecreting pituitary tumors: Part of a multimodality approach. *Neurosurgical Focus, 14*(5), e12.

Jawahar, A., Shaya, M., Campbell, P., Ampil, F., Willis, B. K., Smith, D., & Nanda, A. (2005). Role of stereotactic radiosurgery as a primary treatment option in the management of newly diagnosed multiple (3-6) intracranial metastases. *Surgical Neurology, 64*(3), 207-212.

Jenkinson, M. D., Haylock, B., Shenoy, A., Husband, D., & Javadpour, M. (2011). Management of cerebral metastasis: Evidence-based approach for surgery, stereotactic radiosurgery and radiotherapy. *European Journal of Cancer, 47*(5), 649-655.

Jensen, R. L., Shrieve, A. F., Samlowski, W., & Shrieve, D. C. (2008). Outcomes of patients with brain metastases from melanoma and renal cell carcinoma after primary stereotactic radiosurgery. *Clinical Neurosurgery, 55*, 150-159.

Jezkova, J., Hana, V., Krsek, M., Weiss, V., Vladyka, V., Liscak, R., . . . Marek, J. (2009). Use of the leksell gamma knife in the treatment of prolactinoma patients. *Clinical Endocrinology, 70*(5), 732-741.

Jhaveri P, Teh BS, Bloch C, Amato R, Butler EB, Paulino AC. Stereotactic body radiotherapy in the management of painful bone metastases. Oncology (Williston Park). 2008 Jun;22(7):782-8; discussion 788-9, 796-7 Methodist Hospital Research Institute and Baylor College of Medicine, Houston

Jiang, X. B., Yang, Q. Y., Sai, K., Zhang, X. H., Chen, Z. P., & Mou, Y. G. (2011). Brain metastases from colorectal carcinoma: A description of 60 cases in a single chinese cancer center. *Tumour Biology, 32*(6), 1249-1256.

Jin JY, Ajlouni M, Chen Q, Yin FF, Movsas B.A technique of using gated-CT images to determine internal target volume (ITV) for fractionated stereotactic lung radiotherapy. *Radiother Oncol.* 2006 Feb;78(2):177-84. *Henry Ford Hospital, Detroit*

Jin JY, Ajlouni M, Ryu S, Chen Q, Li S, Movsas B. A technique of quantitatively monitoring both respiratory and nonrespiratory motion in patients using external body markers. *Med Phys.* 2007 Jul;34(7):2875-81. *Henry Ford Hospital, Detroit*

Jin JY, Chen Q, Jin R, Rock J, Anderson J, Li S, Movsas B, Ryu S. Technical and clinical experience with spine radiosurgery: a new technology for management of localized spine metastases. *Technol Cancer Res Treat*. 2007 Apr;6(2):127-33. *Henry Ford Hospital, Detroit*

Jin JY, Kong FM, Chetty IJ, Ajlouni M, Ryu S, Ten Haken R, Movsas B. Impact of fraction size on lung radiation toxicity: hypofractionation may be beneficial in dose escalation of radiotherapy for lung cancers. *Int J Radiat Oncol Biol Phys.* 2010 Mar 1;76(3):782-8. *Henry Ford Hospital, Detroit*

Jin JY, Ryu S, Rock J, Faber K, Chen Q, Ajlouni M, Movsas B. Evaluation of residual patient position variation for spinal radiosurgery using the Novalis image guided system. *Med Phys.* 2008 Mar;35(3):1087-93, *Henry Ford Hospital, Detroit*

Jin JY, Yin FF, Ryu S, Ajlouni M, Kim JH. Dosimetric study using different leaf-width MLCs for treatment planning of dynamic conformal arcs and intensity-modulated radiosurgery. *Med Phys*. 2005 Feb;32(2):405- 11. *Henry Ford Hospital, Detroit*

Jin JY, Yin FF, Tenn SE, Medin PM, Solberg TD Use of the BrainLAB ExacTrac X-Ray 6D system in imageguided radiotherapy. *Med Dosim.* 2008 Summer;33(2):124-34.

Jin L, Wang L, Li J, Luo W, Feigenberg SJ, Ma CM. Investigation of optimal beam margins for stereotactic radiotherapy of lung-cancer using Monte Carlo dose calculations. *Phys Med Biol.* 2007 Jun 21;52(12):3549- 61. *Fox Chase Cancer Center, Philadelphia*

Jin, J. Y., Drzymala, R., & Li, Z. (2004). A simple method of independent treatment time verification in gamma knife radiosurgery using integral dose. *Medical Physics, 31*(12), 3337-3344.

Jin, J. Y., Kong, F. M., Chetty, I. J., Ajlouni, M., Ryu, S., Ten Haken, R., & Movsas, B. (2010). Impact of fraction size on lung radiation toxicity: Hypofractionation may be beneficial in dose escalation of radiotherapy for lung cancers. *International Journal of Radiation Oncology, Biology, Physics, 76*(3), 782-788.

Jin, J. Y., Ryu, S., Rock, J., Faber, K., Chen, Q., Ajlouni, M., & Movsas, B. (2008). Evaluation of residual patient position variation for spinal radiosurgery using the novalis image guided system. *Medical Physics, 35*(3), 1087-1093.

Jin, J. Y., Yin, F. F., Ryu, S., Ajlouni, M., & Kim, J. H. (2005). Dosimetric study using different leaf-width MLCs for treatment planning of dynamic conformal arcs and intensity-modulated radiosurgery. *Medical Physics, 32*(2), 405-411.

Jo, K.W.K., D. S.; Lim do, H.; Ahn, Y. C.; Nam, D. H.; Lee, J. I., The role of radiosurgery in patients with brain metastasis from small cell lung carcinoma. J Korean Neurosurg Soc, 2011. 50(2): p. 99-102.

Ju, D. T., Lin, J. W., Lin Lee, L. M., Tseng, H. M., Wei, C. P., Yen, C. H., et al. (2008). Hypofractionated CyberKnife stereotactic radiosurgery for acoustic neuromas with and without association to neurofibromatosis type 2. *Acta Neurochirurgica.Supplement, 101*, 169-173.

Julow, J., Viola, A., Balint, K., & Szeifert, G. T. (2007). Image fusion-guided stereotactic iodine-125 interstitial irradiation of inoperable and recurrent gliomas. *Progress in Neurological Surgery, 20*, 303-311.

Jung, M., Ahn, J. B., Chang, J. H., Suh, C. O., Hong, S., Roh, J. K., et al. (2011). Brain metastases from colorectal carcinoma: Prognostic factors and outcome. *Journal of Neuro-Oncology, 101*(1), 49-55.

Kalani, M. Y., Filippidis, A. S., Kalani, M. A., Sanai, N., Brachman, D., McBride, H. L., . . . Smith, K. A. (2010). Gamma knife surgery combined with resection for treatment of a single brain metastasis: Preliminary results. *Journal of Neurosurgery, 113*(Suppl), 90-96.

Kalani, M.Y.F., A. S.; Kalani, M. A.; Sanai, N.; Brachman, D.; McBride, H. L.; Shetter, A. G.; Smith, K. A., Gamma Knife surgery combined with resection for treatment of a single brain metastasis: preliminary results. Journal of Neurosurgery, 2010. 113 Suppl: p. 90-6.

Kalogeridi, M. A., Georgolopoulou, P., Kouloulias, V., Kouvaris, J., & Pissakas, G. (2010). Long-term follow-up confirms the efficacy of linac radiosurgery for acoustic neuroma and meningioma patients. A single institution's experience. *Journal of B.U.on, 15*(1), 68-73.

Kan MW, Cheung JY, Leung LH, Lau BM, Yu PK. The accuracy of dose calculations by anisotropic analytical algorithms for stereotactic radiotherapy in nasopharyngeal carcinoma. *Phys Med Biol.* 2010 Dec 22;56(2):397-413. *Princess Margaret Hospital, Hong Kong SAR, People's Republic of China*

Kano, H., Kondziolka, D., Khan, A., Flickinger, J. C., & Lunsford, L. D. (2009). Predictors of hearing preservation after stereotactic radiosurgery for acoustic neuroma. *Journal of Neurosurgery, 111*(4), 863-873.

Kano, H., Kondziolka, D., Zorro, O., Lobato-Polo, J., Flickinger, J. C., & Lunsford, L. D. (2009). The results of resection after stereotactic radiosurgery for brain metastases. *Journal of Neurosurgery, 111*(4), 825-831.

Kano, H., Niranjan, A., Kondziolka, D., Flickinger, J. C., & Lunsford, L. D. (2008). Adjuvant stereotactic radiosurgery after resection of intracranial hemangiopericytomas. *International Journal of Radiation Oncology, Biology, Physics, 72*(5), 1333-1339.

Kano, H., Niranjan, A., Kondziolka, D., Flickinger, J. C., & Lunsford, L. D. (2009). The role of palliative radiosurgery when cancer invades the cavernous sinus. *International Journal of Radiation Oncology, Biology, Physics, 73*(3), 709-715.

Kaplan, D. M., Hehar, S. S., Tator, C., Guha, A., Laperriere, N., Bance, M., & Rutka, J. A. (2003). Hearing loss in acoustic neuromas following stereotactic radiotherapy. *The Journal of Otolaryngology, 32*(1), 23-32.

Kapoor, A., Touma, N., & El Dib, R. P. (2011). Cryoablation versus radiofrequency ablation for the treatment of small renal cell carcinoma. *Cochrane Database of Systematic Reviews, 7*

Kapoor, S., Batra, S., Carson, K., Shuck, J., Kharkar, S., Gandhi, R., . . . Rigamonti, D. (2011). Long-term outcomes of vestibular schwannomas treated with fractionated stereotactic radiotherapy: An institutional experience. *International Journal of Radiation Oncology, Biology, Physics, 81*(3), 647-653.

Karaiskos, P., Petrokokkinos, L., Tatsis, E., Angelopoulos, A., Baras, P., Kozicki, M., . . . Vlachos, L. (2005). Dose verification of single shot gamma knife applications using VIPAR polymer gel and MRI. *Physics in Medicine & Biology, 50*(6), 1235-1250.

Karger, C. P., Hipp, P., Henze, M., Echner, G., Hoss, A., Schad, L., & Hartmann, G. H. (2003). Stereotactic imaging for radiotherapy: Accuracy of CT, MRI, PET and SPECT. *Physics in Medicine & Biology, 48*(2), 211-221.

Karlovits, B. J., Quigley, M. R., Karlovits, S. M., Miller, L., Johnson, M., Gayou, O., & Fuhrer, R. (2009). Stereotactic radiosurgery boost to the resection bed for oligometastatic brain

disease: Challenging the tradition of adjuvant whole-brain radiotherapy. *Neurosurgical Focus, 27*(6), E7.

Karlsson, B., Hanssens, P., Wolff, R., Soderman, M., Lindquist, C., & Beute, G. (2009). Thirty years' experience with gamma knife surgery for metastases to the brain. *Journal of Neurosurgery, 111*(3), 449-457.

Katz AJ. CyberKnife radiosurgery for prostate cancer, Technol Cancer Res Treat. 2010 Oct;9(5):463-72.

Katz AJ, Santoro M, Ashley R, Diblasio F, Witten M. Stereotactic body radiotherapy for organ-confined prostate cancer.BMC Urol. 2010 Feb 1;10:1.

Kavanagh B. Clinical experience shows that catastrophic late effects associated with ablative fractionation can be avoided by technological innovation. *Semin Radiat Oncol*. 2008 Oct;18(4):223-8. *University of Colorado, Denver*

Kavanagh BD, Ding M, Schefter TE, Stuhr K, Newman FA. The dosimetric effect of inhomogeneity correction in dynamic conformal arc stereotactic body radiation therapy for lung tumors. *J Appl Clin Med Phys*. 2006 May 25;7(2):58-63. *University of Colorado, Aurora*

Kavanagh BD, McGarry RC, Timmerman RD. Extracranial radiosurgery (stereotactic body radiation therapy) for oligometastases. *Semin Radiat Oncol*. 2006 Apr;16(2):77-84. *University of Colorado Health Sciences Center, Aurora*

Kavanagh BD, Schefter TE, Wersäll PJ. Liver, renal, and retroperitoneal tumors: stereotactic radiotherapy. *Front Radiat Ther Oncol.* 2007;40:415-26. *University of Colorado Comprehensive Cancer Center, Aurora*

Kavanagh BD, Timmerman RD, Benedict SH, Wu Q, Schefter TE, Stuhr K, McCourt S, Newman F, Cardinale RM, Gaspar LF. How should we describe the radioblologic effect of extracranial stereotactic radiosurgery: equivalent uniform dose or tumor control probability? *Med Phys.* 2003 Mar;30(3):321-4. *University of Colorado Health Sciences Center, Aurora*

Kavanagh BD, Timmerman RD. Stereotactic radiosurgery and stereotactic body radiation therapy: an overview of technical considerations and clinical applications. *Hematol Oncol Clin North Am*. 2006 Feb;20(1):87. *Univ of Colorado, Denver*

Kavanagh, B. D., Timmerman, R. D., Benedict, S. H., Wu, Q., Schefter, T. E., Stuhr, K., . . . Gaspar, L. F. (2003). How should we describe the radioblologic effect of extracranial stereotactic radlosurgery: Equivalent uniform dose or tumor control probability?. *Medical Physics, 30*(3), 321-324. Kawamata, T., Amano, K., Aihara, Y., Kubo, O., & Hori, T. (2010). Optimal treatment strategy for craniopharyngiomas based on long-term functional outcomes of recent and past treatment modalities. *Neurosurgical Review, 33*(1), 71-81.

Kawase, T., Takeda, A., Kunieda, E., Kokubo, M., Kamikubo, Y., Ishibashi, R., et al. (2009). Extrapulmonary soft-tissue fibrosis resulting from hypofractionated stereotactic body radiotherapy for pulmonary nodular lesions. *International Journal of Radiation Oncology, Biology, Physics, 74*(2), 349-354.

Keall PJ, Sawant A, Cho B, Ruan D, Wu J, Poulsen P, Petersen J, Newell LJ, Cattell H, Korreman S. Electromagnetic- Guided Dynamic Multileaf Collimator Tracking Enables Motion Management for Intensity- Modulated Arc Therapy. *Int J Radiat Oncol Biol Phys*. 2011 Jan 1;79(1):312-20 *Stanford University Medical Center*

Kelly PJ, Lin YB, Yu AY, Alexander BM, Hacker F, Marcus KJ, Weiss SE. Stereotactic Irradiation of the Postoperative Resection Cavity for Brain Metastasis: A Frameless Linear Accelerator-Based Case Series and Review of the Technique. *Int J Radiat Oncol Biol Phys.* 2010 Dec 17. *Dana-Farber/Brigham and Women's*

Kelly, P. J., Lin, Y. B., Yu, A. Y., Alexander, B. M., Hacker, F., Marcus, K. J., & Weiss, S. E. (2012). Stereotactic irradiation of the postoperative resection cavity for brain metastasis: A frameless linear accelerator-based case series and review of the technique. *International Journal of Radiation Oncology, Biology, Physics, 82*(1), 95-101.

Kenai, H., Yamashita, M., Nakamura, T., Asano, T., Momii, Y., & Nagatomi, H. (2006). Gamma knife surgery for primary central nervous system lymphoma: Usefulness as palliative local tumor control. *Journal of Neurosurgery, 105*(Suppl), 133-138.

Kida, Y., Yoshimoto, M., & Hasegawa, T. (2009). Radiosurgery for intracranial gliomas. *Progress in Neurological Surgery, 22*, 122-128.

Kim, C. H., Chung, K. W., Kong, D. S., Nam, D. H., Park, K., Kim, J. H., . . . Lee, J. I. (2010). Prognostic factors of hearing preservation after gamma knife radiosurgery for vestibular schwannoma. *Journal of Clinical Neuroscience, 17*(2), 214-218.

Kim, D. G., Kim, C., Chung, H. T., Paek, S. H., Jeong, S. S., Han, D. H., & Jung, H. W. (2005). Gamma knife surgery of superficially located meningioma. *Journal of Neurosurgery, 102*(Suppl), 255-258.

Kim, H. J., Im, S. A., Keam, B., Kim, Y. J., Han, S. W., Kim, T. M., et al. (2012). Clinical outcome of central nervous system metastases from breast cancer: Differences in survival depending on systemic treatment. *Journal of Neuro-Oncology, 106*(2), 303-313.

Kim, M. S., Pyo, S. Y., Jeong, Y. G., Lee, S. I., Jung, Y. T., & Sim, J. H. (2005). Gamma knife surgery for intracranial cavernous hemangioma. *Journal of Neurosurgery, 102*(Suppl), 102-106.

Kim, M., Paeng, S., Pyo, S., Jeong, Y., Lee, S., & Jung, Y. (2006). Gamma knife surgery for invasive pituitary macroadenoma. *Journal of Neurosurgery, 105*(Suppl), 26-30.

Kim, P. K., Ellis, T. L., Stieber, V. W., McMullen, K. P., Shaw, E. G., McCoy, T. P., . . . Tatter, S. B. (2006). Gamma knife surgery targeting the resection cavity of brain metastasis that has progressed after whole-brain radiotherapy. *Journal of Neurosurgery, 105*(Suppl), 75-78.

Kim, P.K.E., T. L.; Stieber, V. W.; McMullen, K. P.; Shaw, E. G.; McCoy, T. P.; D'Agostino, R. B.; Bourland, J. D.; DeGuzman, A. F.; Ekstrand, K. E.; Raber, M. R.; Tatter, S. B., Gamma Knife surgery targeting the resection cavity of brain metastasis that has progressed after whole-brain radiotherapy. Journal of Neurosurgery, 2006. 105 Suppl: p. 75-8.

Kim, S., Jin, H., Yang, H., & Amdur, R. J. (2009). A study on target positioning error and its impact on dose variation in image-guided stereotactic body radiotherapy for the spine. *International Journal of Radiation Oncology, Biology, Physics, 73*(5), 1574-1579.

Kimball MM, Friedman WA, Foote KD, Bova FJ, Chi YY. Linear Accelerator Radiosurgery for Cavernous Sinus Meningiomas. *Stereotact Funct Neurosurg.* 2009 Feb 27;87(2):120-127. *University of Florida, Gainsville*

Kimball, M. M., Friedman, W. A., Foote, K. D., Bova, F. J., & Chi, Y. Y. (2009). Linear accelerator radiosurgery for cavernous sinus meningiomas. *Stereotactic & Functional Neurosurgery, 87*(2), 120-127.

King CR, Lehmann J, Adler JR, Hai J. CyberKnife radiotherapy for localized prostate cancer: Rationale and technical feasibility. *Tech Can Res Treat*: 2003; 2: 25-29.

King C. Stereotactic body radiotherapy for prostate cancer: current results of a phase II trial. Front Radiat Ther Oncol. 2011;43:428-37. Epub 2011 May 20.

Kirkpatrick JP, Brenner DJ, Orton CG. Point/Counterpoint. The linear-quadratic model is inappropriate to model high dose per fraction effects in radiosurgery. *Med Phys.* 2009 Aug;36(8):3381-4. *Duke University Medical Center, Durham, NC*

Kirkpatrick JP, Meyer JJ, Marks LB. The linear-quadratic model is inappropriate to model high dose per fraction effects in radiosurgery. *Semin Radiat Oncol*. 2008 Oct;18(4):240-3. *Duke University Medical Center, Raleigh*

Kirkpatrick, J. P., van der Kogel, A. J., & Schultheiss, T. E. (2010). Radiation dose-volume effects in the spinal cord. *International Journal of Radiation Oncology, Biology, Physics, 76*(3 Suppl), S42-9.

Kitamura, K., Shirato, H., Seppenwoolde, Y., Shimizu, T., Kodama, Y., Endo, H., . . . Miyasaka, K. (2003). Tumor location, cirrhosis, and surgical history contribute to tumor movement in the liver, as measured during stereotactic irradiation using a real-time tumor-tracking radiotherapy system. *International Journal of Radiation Oncology, Biology, Physics, 56*(1), 221-228.

Kjaer-Kristoffersen F, Ohlhues L, Medin J, Korreman S. RapidArc volumetric modulated therapy planning for prostate cancer patients. *Acta Oncol.* 2009;48(2):227-32. *Rigshospitalet, Copenhagen, DK*

Klish, D. S., Grossman, P., Allen, P. K., Rhines, L. D., & Chang, E. L. (2011). Irradiation of spinal metastases: Should we continue to include one uninvolved vertebral body above and below in the radiation field?. *International Journal of Radiation Oncology, Biology, Physics, 81*(5), 1495-1499.

Knisely, J.P.Y., M.; Gross, C. P.; Castrucci, W. A.; Jokura, H.; Chiang, V. L., Radiosurgery alone for 5 or more brain metastases: expert opinion survey. Journal of Neurosurgery, 2010. 113 Suppl: p. 84-9.

Ko, E. C., Forsythe, K., Buckstein, M., Kao, J., & Rosenstein, B. S. (2011). Radiobiological rationale and clinical implications of hypofractionated radiation therapy. *Cancer Radiotherapie, 15*(3), 221-229.

Kobayashi, T. (2009). Long-term results of gamma knife radiosurgery for 100 consecutive cases of craniopharyngioma and a treatment strategy. *Progress in Neurological Surgery, 22*, 63-76.

Kobayashi, T. (2009). Long-term results of stereotactic gamma knife radiosurgery for pituitary adenomas. specific strategies for different types of adenoma. *Progress in Neurological Surgery, 22*, 77-95.

Kobayashi, T., Kida, Y., & Hasegawa, T. (2003). Long-term results of gamma knife surgery for craniopharyngioma. *Neurosurgical Focus, 14*(5), e13.

Kobayashi, T., Kida, Y., Mori, Y., & Hasegawa, T. (2005). Long-term results of gamma knife surgery for the treatment of craniopharyngioma in 98 consecutive cases. *Journal of Neurosurgery, 103*(6 Suppl), 482-488.

Kobayashi, T., Mori, Y., Uchiyama, Y., Kida, Y., & Fujitani, S. (2005). Long-term results of gamma knife surgery for growth hormone-producing pituitary adenoma: Is the disease difficult to cure?. *Journal of Neurosurgery, 102*(Suppl), 119-123.

Koc, M., McGregor, J., Grecula, J., Bauer, C. J., Gupta, N., & Gahbauer, R. A. (2005). Gamma knife radiosurgery for intracranial metastatic melanoma: An analysis of survival and prognostic factors. *Journal of Neuro-Oncology, 71*(3), 307-313.

Koc, M.M., John; Grecula, John; Bauer, Constance J.; Gupta, Nilendu; Gahbauer, Reinhard A., Gamma Knife radiosurgery for intracranial metastatic melanoma: an analysis of survival and prognostic factors. Journal of neuro-oncology, 2005. 71(3): p. 307-13.

Koga, T., Maruyama, K., Kamada, K., Ota, T., Shin, M., Itoh, D., . . . Saito, N. (2012). Outcomes of diffusion tensor tractography-integrated stereotactic radiosurgery. *International Journal of Radiation Oncology, Biology, Physics, 82*(2), 799-802.

Koga, T., Shin, M., Maruyama, K., Kurita, H., Kawamoto, S., & Saito, N. (2011). Contribution of technological progress, inter-operator difference and experience of operators in gamma knife radiosurgery for arteriovenous malformation. *Acta Neurochirurgica, 153*(4), 879-882.

Kollova, A., Liscak, R., Novotny, J.,Jr, Vladyka, V., Simonova, G., & Janouskova, L. (2007). Gamma knife surgery for benign meningioma. *Journal of Neurosurgery, 107*(2), 325-336.

Kombogiorgas, D., Sgouros, S., Walsh, A. R., Hockley, A. D., Stevens, M., Grundy, R., . . . Spooner, D. (2007). Outcome of children with posterior fossa medulloblastoma: A single institution experience over the decade 1994-2003. *Childs Nervous System, 23*(4), 399-405.

Komotar, R. J., Starke, R. M., Isaacson, S. R., Sisti, M. B., & Connolly, E. S. (2010). Optimal radiotherapy in patients with multiple intracranial metastases. *Neurosurgery, 67*(2), N19-20.

Kondziolka, D. (2007). Stereotactic neurosurgery: What's turning people on?. *Clinical Neurosurgery, 54*, 23-25.

Kondziolka, D., et al., Gamma knife radiosurgery of other brain metastases. Prog Neurol Surg, 2012. 25: p. 190-200.

Kondziolka, D., Lunsford, L. D., & Flickinger, J. C. (2003). Comparison of management options for patients with acoustic neuromas. *Neurosurgical Focus, 14*(5), e1.

Kondziolka, D., Nathoo, N., Flickinger, J. C., Niranjan, A., Maitz, A. H., & Lunsford, L. D. (2003). Long-term results after radiosurgery for benign intracranial tumors. *Neurosurgery, 53*(4), 815-821.

Konski, A. (2011). The war on cancer: Progress at what price? *Journal of Clinical Oncology, 29*(12), 1503-1504.

Kontrisova K, Stock M, Dieckmann K, Bogner J, Pötter R, Georg D. Dosimetric comparison of stereotactic body radiotherapy in different respiration conditions: a modeling study. *Radiother Oncol*. 2006 Oct;81(1):97- 104*. Medical University Vienna, Vienna, AT*

Kopp C, Fauser C, Müller A, Astner ST, Jacob V, Lumenta C, Meyer B, Tonn JC, Molls M, Grosu AL. Stereotactic Fractionated Radiotherapy and LINAC Radiosurgery in the Treatment of Vestibular Schwannoma- Report About Both Stereotactic Methods From a Single Institution. *Int J Radiat Oncol Biol Phys.* 2010 Aug 12. *Technische Universität München, Munich,* [Epub ahead of print]

Kopp, C., Fauser, C., Muller, A., Astner, S. T., Jacob, V., Lumenta, C., . . . Grosu, A. L. (2011). Stereotactic fractionated radiotherapy and LINAC radiosurgery in the treatment of vestibular schwannoma-report about both stereotactic methods from a single

institution. *International Journal of Radiation Oncology, Biology, Physics, 80*(5), 1485-1491.

Korreman S, Medin J, Kjaer-Kristoffersen F. Dosimetric verification of RapidArc treatment delivery. *Acta Oncol.* 2009;48(2):185-91. *Copenhagen University Hospital, Copenhagen, DK*

Kruser, T. J., Chao, S. T., Elson, P., Barnett, G. H., Vogelbaum, M. A., Angelov, L., . . . Suh, J. H. (2008). Multidisciplinary management of colorectal brain metastases: A retrospective study. *Cancer, 113*(1), 158-165.

Kuijper IT, Dahele M, Senan S, Verbakel WF. Volumetric modulated arc therapy versus conventional intensity modulated radiation therapy for stereotactic spine radiotherapy: a planning study and early clinical data. Radiother Oncol. 2010 Feb;94(2):224-8. VU University Medical Center, Amsterdam,

Kuijper, I. T., Dahele, M., Senan, S., & Verbakel, W. F. (2010). Volumetric modulated arc therapy versus conventional intensity modulated radiation therapy for stereotactic spine radiotherapy: A planning study and early clinical data. *Radiotherapy & Oncology, 94*(2), 224-228.

Kuo, J. S., Chen, J. C., Yu, C., Zelman, V., Giannotta, S. L., Petrovich, Z., . . . Apuzzo, M. L. (2004). Gamma knife radiosurgery for benign cavernous sinus tumors: Quantitative analysis of treatment outcomes. *Neurosurgery, 54*(6), 1385-1393.

Kuo, J. S., Yu, C., Giannotta, S. L., Petrovich, Z., & Apuzzo, M. L. (2004). The leksell gamma knife model U versus model C: A quantitative comparison of radiosurgical treatment parameters. *Neurosurgery, 55*(1), 168-172.

Kupelian P, Kuban D, Thames H, et al. Improved Biochemical Relapse-Free Survival with increased External Radiation Doses in Patients with Localized Prostate Cancer: The Combined Experience of Nine Institutions Treated in 1994 and 1994. Int J Radiat Oncol Biol Phys 2005;61(2):415-419.

Kupelian P, Willoughby T, Mahadevan A, Djemil T, Weinstein G, Jani S, Enke C, Solberg T, Flores N, Liu D, Beyer D, Levine L. Multi-institutional clinical experience with the calypso system in localization and continuous, real-time monitoring of the prostate gland during external radiotherapy. *Int J Radiat Oncol Biol Phys.* 2007 Mar 15;67(4):1088-98. *MD Anderson Cancer Center Orlando, Orlando*

Kupelian PA, Langen KM, Willoughby TR, Zeidan OA, Meeks SL. Image-guided radiotherapy for localized prostate cancer: treating a moving target. *Semin Radiat Oncol.* 2008 Jan;18(1):58-66. Review. *Anderson Cancer Center Orlando*

Kupelian PA, Willoughby TR, Meeks SL, Forbes A, Wagner T, Maach M, Langen KM. Intraprostatic fiducials for localization of the prostate gland: monitoring intermarker

distances during radiation therapy to test for marker stability. *Int J Radiat Oncol Biol Phys.* 2005 Aug 1;62(5):1291-6. *Anderson Cancer Center Orlando, Orlando*

Kwon, K. Y., Kong, D. S., Lee, J. I., Nam, D. H., Park, K., & Kim, J. H. (2007). Outcome of repeated radiosurgery for recurrent metastatic brain tumors. *Clinical Neurology & Neurosurgery, 109*(2), 132-137.

Labadie, R. F., Mitchell, J., Balachandran, R., & Fitzpatrick, J. M. (2009). Customized, rapid-production microstereotactic table for surgical targeting: Description of concept and in vitro validation. *International Journal of Computer Assisted Radiology & Surgery, 4*(3), 273-280.

Lagerwaard FJ, Meijer OW, van der Hoorn EA, Verbakel WF, Slotman BJ, Senan S. Volumetric modulated arc radiotherapy for vestibular schwannomas. *Int J Radiat Oncol Biol Phys*. 2009 Jun 1;74(2):610-5. *VU University Medical Center, Amsterdam*

Lamba M, Breneman JC, Warnick RE. Evaluation of Image-Guided Positioning for Frameless Intracranial Radiosurgery. *Int J Radiat Oncol Biol Phys*. 2009 Jul 1;74(3):913-9. *University of Cincinnati Neuroscience Institute, Cincinnati, OH*

Landy, H. J., Markoe, A. M., Wu, X., Patchen, S. J., Reis, I. M., Takita, C., . . . Huang, D. T. (2004). Safety and efficacy of tiered limited-dose gamma knife stereotactic radiosurgery for unilateral acoustic neuroma. *Stereotactic & Functional Neurosurgery, 82*(4), 147-152.

Langmann, G., Pendl, G., Mullner, K., Feichtinger, K. H., & Papaefthymiouaf, G. (2002). High- compared with low-dose radiosurgery for uveal melanomas. *Journal of Neurosurgery, 97*(5 Suppl), 640-643.

Larson, D. A., Prados, M., Lamborn, K. R., Smith, V., Sneed, P. K., Chang, S., . . . McDermott, M. W. (2002). Phase II study of high central dose gamma knife radiosurgery and marimastat in patients with recurrent malignant glioma. *International Journal of Radiation Oncology, Biology, Physics, 54*(5), 1397-1404.

Lasak, J. M., Klish, D., Kryzer, T. C., Hearn, C., Gorecki, J. P., & Rine, G. P. (2008). Gamma knife radiosurgery for vestibular schwannoma: Early hearing outcomes and evaluation of the cochlear dose. *Otology & Neurotology, 29*(8), 1179-1186.

Lawrence, Y. R., Li, X. A., el Naqa, I., Hahn, C. A., Marks, L. B., Merchant, T. E., & Dicker, A. P. (2010). Radiation dose-volume effects in the brain. *International Journal of Radiation Oncology, Biology, Physics, 76*(3 Suppl), S20-7.

Lawson JD, Fox T., Waller AF., Davis L, Crocker I. Multileaf Collimator-Based Linear Accelerator Radiosurgery: Five-Year Efficiency Analysis *Journal of the American College of Radiology,* 2009 Mar 6(3):190-193. *Emory University, Atlanta,*

Lax I, Panettieri V, Wennberg B, Amor Duch M, Näslund I, Baumann P, Dose distributions in SBRT of lung tumors: Comparison between two different treatment planning algorithms

and Monte-Carlo simulation including breathing motions. *Acta Oncol*. 2006;45(7):978-88. *Karolinska University Hospital and Institute, Stockholm, SW*

Lax, I., Panettieri, V., Wennberg, B., Amor Duch, M., Naslund, I., Baumann, P., & Gagliardi, G. (2006). Dose distributions in SBRT of lung tumors: Comparison between two different treatment planning algorithms and monte-carlo simulation including breathing motions. *Acta Oncologica, 45*(7), 978-988.

Lee IJ, Seong J. The optimal selection of radiotherapy treatment for hepatocellular carcinoma. Gut Liver. 2012 Apr;6(2):139-48.

Lee CM, Watson GA, Leavitt DD. Dynamic collimator optimization compared with fixed collimator angle in arc-based stereotactic radiotherapy: a dosimetric analysis. *Neurosurg Focus.* 2005 Jul 15;19(1):E12. *University of Utah, Salt Lake City*

Lee JW, Choi KS, Hong S, Kim YL, Chung JB, Lee DH, Choe BY, Jang HS, Suh TS. Effects of static dosimetric leaf gap on MLC-based small-beam dose distribution for intensity-modulated radiosurgery. *J Appl Clin Med Phys.* 2007 Oct 24;8(4):2397, *Konkuk University Hospital, Republic of Korea.*

Lee SW, Jin JY, Guan H, Martin F, Kim JH, Yin FF. Clinical assessment and characterization of a dual tube kilovoltage X-ray localization system in the radiotherapy treatment room. *J Appl Clin Med Phys.* 2008 Jan 13;9(1):2318. *Duke University Medical Center, Raleigh-Durham*

Lee, C. M., Watson, G. A., & Leavitt, D. D. (2005). Dynamic collimator optimization compared with fixed collimator angle in arc-based stereotactic radiotherapy: A dosimetric analysis. *Neurosurgical Focus, 19*(1), E12.

Lee, C.K.L., S. R.; Cho, J. M.; Yang, K. A.; Kim, S. H., Therapeutic effect of gamma knife radiosurgery for multiple brain metastases. J Korean Neurosurg Soc, 2011. 50(3): p. 179-84.

Lee, F., Linthicum, F.,Jr, & Hung, G. (2002). Proliferation potential in recurrent acoustic schwannoma following gamma knife radiosurgery versus microsurgery. *Laryngoscope, 112*(6), 948-950.

Lee, J. W., Choi, K. S., Hong, S., Kim, Y. L., Chung, J. B., Lee, D. H., . . . Suh, T. S. (2007). Effects of static dosimetric leaf gap on MLC-based small-beam dose distribution for intensity-modulated radiosurgery. *Journal of Applied Clinical Medical Physics, 8*(4), 2397.

Lee, J. Y., Kondziolka, D., Flickinger, J. C., & Lunsford, L. D. (2007). Radiosurgery for intracranial meningiomas. *Progress in Neurological Surgery, 20*, 142-149.

Lee, T. F., Chao, P. J., Wang, C. Y., Lan, J. H., Huang, Y. J., Hsu, H. C., . . . Fang, F. M. (2011). Dosimetric comparison of helical tomotherapy and dynamic conformal arc therapy in stereotactic radiosurgery for vestibular schwannomas. *Medical Dosimetry, 36*(1), 62-70.

Leung, L. H., Wong, W. K., Cheng, A. C., Kan, M. W., Cheung, J. Y., Lam, N. K., . . . Yau, C. C. (2011). A new approach to computing normal tissue complication probability of an intensity-modulated radiotherapy treatment with stereotactic radiotherapy boost of nasopharyngeal carcinoma: A case study. *Medical Dosimetry, 36*(2), 138-144.

Levivier, M., Lorenzoni, J., Massager, N., Ruiz, S., Devriendt, D., & Brotchi, J. (2003). Use of the leksell gamma knife C with automatic positioning system for the treatment of meningioma and vestibular schwannoma. *Neurosurgical Focus, 14*(5), e8.

Li K, Yu CX, Ma L. Improving a scissor-action couch for conformal arc radiotherapy and radiosurgery. *J Appl Clin Med Phys.* 2004 Summer;5(3):62-5. *University of Maryland School of Medicine, Baltimore*

Li S, Liu Y, Chen Q, Jin J. Cord dose specification and validation for stereotactic body radiosurgery of spine. Med Dosim. 2009 Winter;34(4):285-92. Henry Ford Hospital, Detroit

Li T, Xing L, Munro P, McGuinness C, Chao M, Yang Y, Loo B, Koong A. Four-dimensional cone-beam computed tomography using an on-board imager. *Med Phys.* 2006 Oct;33(10):3825-33. *Stanford University Medical Center, Palo Alto*

Liang, C. L., Lu, K., Liliang, P. C., Chung, M. C., Chi, S. C., & Chen, H. J. (2011). Topical anesthetic EMLA for postoperative wound pain in stereotactic gamma knife radiosurgery: A perspective, randomized, placebo-controlled study. *Minimally Invasive Neurosurgery, 54*(2), 75-78.

Lightstone AW, Benedict SH, Bova FJ, Solberg TD, Stern RL; American Association of Physicists in Medicine Radiation Therapy Committee. Intracranial stereotactic positioning systems: Report of the American Association of Physicists in Medicine Radiation Therapy Committee Task Group no. 68. *Med Phys.* 2005 Jul;32(7):2380-98. *MCVA, U of Florida, UCLA, Toronto-Sunnybrook*

Lightstone, A. W., Benedict, S. H., Bova, F. J., Solberg, T. D., Stern, R. L., & American Association of Physicists in Medicine Radiation Therapy,Committee. (2005). Intracranial stereotactic positioning systems: Report of the american association of physicists in medicine radiation therapy committee task group no. 68. *Medical Physics, 32*(7), 2380-2398.

Lim, M., Bower, R., Nangiana, J. S., Adler, J. R., & Chang, S. D. (2007). Radiosurgery for glomus jugulare tumors. *Technology in Cancer Research & Treatment, 6*(5), 419-423.

Lindquist, C., & Paddick, I. (2007). The leksell gamma knife perfexion and comparisons with its predecessors. *Neurosurgery, 61*(3 Suppl), 130-140.

Ling CC, Zhang P, Archambault Y, Bocanek J, Tang G, Losasso T. Commissioning and quality assurance of RapidArc radiotherapy delivery system. *Int J Radiat Oncol Biol Phys.* 2008 Oct 1;72(2):575-81. *Memorial Sloan-Kettering Cancer Center, New York*

Linthout N, Bral S, Van de Vondel I, Verellen D, Tournel K, Gevaert T, Duchateau M, Reynders T, Storme G. Treatment delivery time optimization of respiratory gated radiation therapy by application of audio-visual feedback. *Radiother Oncol*. 2009 Jun;91(3):330-5. *Universitair Ziekenhuis Brussel, Belgium*

Linthout N, Verellen D, Tournel K, Reynders T, Duchateau M, Storme G. Assessment of secondary patient motion induced by automated couch movement during on-line 6 dimensional repositioning in prostate cancer treatment. *Radiother Oncol.* 2007 May;83(2):168-74. *Universitair Ziekenhuis Brussel, BE*

Linthout N, Verellen D, Tournel K, Storme G. Six dimensional analysis with daily stereoscopic x-ray imaging of intrafraction patient motion in head and neck treatments using five points fixation masks. *Med Phys*. 2006 Feb;33(2):504-13. *Academic Hospital-Free University, Brussels*

Linthout N, Verellen D, Van Acker S, Voordeckers M, Bretz A, Storme G. Evaluation of dose calculation algorithms for dynamic arc treatments of head and neck tumors. *Radiother Oncol*. 2002 Jul;64(1):85-95. *Academic Hospital, Free University Brussels, BE*

Lipani, J. D., Jackson, P. S., Soltys, S. G., Sato, K., & Adler, J. R. (2008). Survival following CyberKnife radiosurgery and hypofractionated radiotherapy for newly diagnosed glioblastoma multiforme. *Technology in Cancer Research & Treatment, 7*(3), 249-255.

Lippitz, B., Gamma knife surgery improves the treatment of intracranial tumors. Läkartidningen, 2004. 101(40): p. 3078-80.

Liscak, R., Kollova, A., Vladyka, V., Simonova, G., & Novotny, J.,Jr. (2004). Gamma knife radiosurgery of skull base meningiomas. *Acta Neurochirurgica - Supplement, 91*, 65-74.

Liscak, R., Vladyka, V., Marek, J., Simonova, G., & Vymazal, J. (2007). Gamma knife radiosurgery for endocrine-inactive pituitary adenomas. *Acta Neurochirurgica, 149*(10), 999-1006.

Litre, C. F., Colin, P., Noudel, R., Peruzzi, P., Bazin, A., Sherpereel, B., . . . Rousseaux, P. (2009). Fractionated stereotactic radiotherapy treatment of cavernous sinus meningiomas: A study of 100 cases. *International Journal of Radiation Oncology, Biology, Physics, 74*(4), 1012-1017.

Litvack, Z. N., Noren, G., Chougule, P. B., & Zheng, Z. (2003). Preservation of functional hearing after gamma knife surgery for vestibular schwannoma. *Neurosurgical Focus, 14*(5), e3.

Litzenberg DW, Willoughby TR, Balter JM, Sandler HM, Wei J, Kupelian PA, Cunningham AA, Bock A, Aubin M, Roach M 3rd, Shinohara K, Pouliot J. Positional stability of electromagnetic transponders used for prostate localization and continuous, real-time tracking. *Int J Radiat Oncol Biol Phys.* 2007 Jul 15;68(4):1199-206. *University of Michigan, Ann Arbor*

Liu JK, Forman S, Moorthy CR, Benzil DL. Update on treatment modalities for optic nerve sheath meningiomas. *Neurosurg Focus.* 2003 May 15;14(5):e7, *University of Utah, Salt Lake City*

Liu JK, Schmidt MH, MacDonald JD, Jensen RL, Couldwell WT. Hypophysial transposition (hypophysopexy) for radiosurgical treatment of pituitary tumors involving the cavernous sinus. Technical note. *Neurosurg Focus.* 2003 May 15;14(5):e11. *University of Utah, Salt Lake City*

Liu, A. L., Wang, C., Sun, S., Wang, M., & Liu, P. (2005). Gamma knife radiosurgery for tumors involving the cavernous sinus. *Stereotactic & Functional Neurosurgery, 83*(1), 45-51.

Liu, A. L., Wang, Z. C., Sun, S. B., Wang, M. H., Luo, B., & Liu, P. (2008). Gamma knife radiosurgery for residual skull base chordomas. *Neurological Research, 30*(6), 557-561.

Liu, R. S., Chang, C. P., Guo, W. Y., Pan, D. H., Ho, D. M., Chang, C. W., . . . Yeh, S. H. (2010). 1-11C-acetate versus 18F-FDG PET in detection of meningioma and monitoring the effect of gamma-knife radiosurgery. *Journal of Nuclear Medicine, 51*(6), 883-891.

Liu, R., Wagner, T. H., Buatti, J. M., Modrick, J., Dill, J., & Meeks, S. L. (2004). Geometrically based optimization for extracranial radiosurgery. *Physics in Medicine & Biology, 49*(6), 987-996.

Liu, X., Xu, D., Zhang, Y., Liu, D., & Song, G. (2010). Gamma knife surgery in patients harboring orbital cavernous hemangiomas that were diagnosed on the basis of imaging findings. *Journal of Neurosurgery, 113*(Suppl), 39-43.

Lo SS, Chang EL, Sloan AE. Role of stereotactic radiosurgery and fractionated stereotactic radiotherapy in the management of intracranial ependymoma. *Expert Rev Neurother*. 2006 Apr;6(4):501-7. *MD Anderson Cancer Center, Houston*

Lo SS, Fakiris AJ, Abdulrahman R, Henderson MA, Chang EL, Suh JH, Timmerman RD. Role of stereotactic radiosurgery and fractionated stereotactic radiotherapy in pediatric brain tumors. *Expert Rev Neurother.* 2008 Jan;8(1):121-32. Review. *Ohio State University Medical Center, Columbus, OH*

Lo SS, Fakiris AJ, Teh BS, Cardenes HR, Henderson MA, Forquer JA, Papiez L, McGarry RC, Wang JZ, Li K, Mayr NA, Timmerman RD. Stereotactic body radiation therapy for oligometastases. *Expert Rev Anticancer Ther*. 2009 May;9(5):621-35 Includes *Methodist Hospital Research Institute and Baylor College of Medicine, Houston*

Lo SS, Sahgal A, Wang JZ, Mayr NA, Sloan A, Mendel E, Chang EL. Stereotactic body radiation therapy for spinal metastases. *Discov Med.* 2010 Apr;9(47):289-96 *Ohio State University, Columbus, OH*

Lock MI, Hoyer M, Bydder SA, Okunieff P, Hahn CA, Vichare A, Dawson LA. An international survey on liver metastases radiotherapy. Acta Oncol. 2012 May;51(5):568-74.

Loeffler, J. S., & Shih, H. A. (2011). Radiation therapy in the management of pituitary adenomas. *Journal of Clinical Endocrinology & Metabolism, 96*(7), 1992-2003.

Lomax, N. J., & Scheib, S. G. (2003). Quantifying the degree of conformity in radiosurgery treatment planning. *International Journal of Radiation Oncology, Biology, Physics, 55*(5), 1409-1419.

Lorenzoni, J. G., Devriendt, D., Massager, N., Desmedt, F., Simon, S., Van Houtte, P., . . . Levivier, M. (2009). Brain stem metastases treated with radiosurgery: Prognostic factors of survival and life expectancy estimation. *Surgical Neurology, 71*(2), 188-195.

Lorenzoni, J.G.D., D.; Massager, N.; Desmedt, F.; Simon, S.; Van Houtte, P.; Brotchi, J.; Levivier, M., Brain stem metastases treated with radiosurgery: prognostic factors of survival and life expectancy estimation. Surgical Neurology, 2009. 71(2): p. 188-95; discussion 195, 195-6.

Louie, A. V., Rodrigues, G., Hannouf, M., Zaric, G. S., Palma, D. A., Cao, J. Q., . . . Mocanu, J. D. (2011). Stereotactic body radiotherapy versus surgery for medically operable stage I non-small-cell lung cancer: A markov model-based decision analysis. *International Journal of Radiation Oncology, Biology, Physics, 81*(4), 964-973.

Lukka H, Pickles T, Morton G, Catton C, Souhami L, Warde P; Canadian GU Radiation Oncologist Group. Prostate cancer radiotherapy 2002: the way forward. *Can J Urol.* 2005 Feb;12(1):2521-31. *Juravinski Cancer Centre, Hamilton, Ontario*

Lunsford, L. D., Niranjan, A., Flickinger, J. C., & Kondziolka, D. (2008). Navigating change and the acoustic neuroma story: Methods, outcomes, and myths. *Clinical Neurosurgery, 55*, 47-61.

Lunsford, L. D., Niranjan, A., Flickinger, J. C., Maitz, A., & Kondziolka, D. (2005). Radiosurgery of vestibular schwannomas: Summary of experience in 829 cases. *Journal of Neurosurgery, 102*(Suppl), 195-199.

Lutz S. Berk L. Chang E. Chow E. Hahn C. Hoskin P. Howell D. Konski A. Kachnic L. Lo S. Sahgal A. Silverman L. von Gunten C. Mendel E. Vassil A. Bruner DW. Hartsell W. American Society for Radiation Oncology (ASTRO). (2011). Palliative radiotherapy for bone metastases: An ASTRO evidence-based guideline. *International Journal of Radiation Oncology, Biology, Physics, 79*(4), 965-976.

Ma J, Chang Z, Wang Z, Jackie Wu Q, Kirkpatrick JP, Yin FF. ExacTrac X-ray 6 degree-of-freedom imageguidance for intracranial non-invasive stereotactic radiotherapy: Comparison with kilo-voltage cone-beam CT. *Radiother Oncol*. 2009 Dec;93(3):602-8. *Duke University Medical Center*

Ma L, Sahgal A, Cozzi L, Chang E, Shiu A, Letourneau D, Yin FF, Fogliata A, Kaissl W, Hyde D, Laperriere NJ, Shrieve DC, Larson DA. Apparatus-dependent dosimetric differences in

spine stereotactic body radiotherapy. *Technol Cancer Res Treat.* 2010 Dec;9(6):563-74. *University of California San Francisco, San Francisco*

Ma Y, Li M, Yin Y, Kong L, Sun X, Lin X, Yu J. Hypofractionated stereotactic radiotherapy for brain metastases: a dosimetric and treatment efficiency comparison between volumetric modulated arc therapy and intensity modulated radiotherapy. *Technol Cancer Res Treat*. 2010 Oct;9(5):499-507. *Shandong Tumor Hospital and Institute, Shandong Province, China*.

Ma, J., Chang, Z., Wang, Z., Jackie Wu, Q., Kirkpatrick, J. P., & Yin, F. F. (2009). ExacTrac X-ray 6 degree-of-freedom image-guidance for intracranial non-invasive stereotactic radiotherapy: Comparison with kilo-voltage cone-beam CT. *Radiotherapy & Oncology, 93*(3), 602-608.

Ma, L., Petti, P., Wang, B., Descovich, M., Chuang, C., Barani, I.J., Kunwar, S., Shrieve, D.C., Sahgal, A., & Larson, D.A. (2011). Apparatus dependence of normal brain tissue dose in stereotactic radiosurgery for multiple brain metastases. *Journal of Neurosurgery, 114*(6), 1580-4.

Ma, L., Sahgal, A., Cozzi, L., Chang, E., Shiu, A., Letourneau, D., . . . Larson, D. A. (2010). Apparatus-dependent dosimetric differences in spine stereotactic body radiotherapy. *Technology in Cancer Research & Treatment, 9*(6), 563-574.

Ma, L., Verhey, L., Chuang, C., Descovich, M., Smith, V., Huang, K., . . . Sneed, P. (2008). Effect of composite sector collimation on average dose fall-off for gamma knife perfexion. *Journal of Neurosurgery, 109*(Suppl), 15-20.

Ma, Y., Li, M., Yin, Y., Kong, L., Sun, X., Lin, X., & Yu, J. (2010). Hypofractionated stereotactic radiotherapy for brain metastases: A dosimetric and treatment efficiency comparison between volumetric modulated arc therapy and intensity modulated radiotherapy. *Technology in Cancer Research & Treatment, 9*(5), 499-507.

MacFadden, D., Zhang, B., Brock, K. K., Hodaie, M., Laperriere, N., Schwartz, M., . . . Menard, C. (2010). Clinical evaluation of stereotactic target localization using 3-tesla MRI for radiosurgery planning. *International Journal of Radiation Oncology, Biology, Physics, 76*(5), 1472-1479.

Mack, A., Scheib, S. G., Major, J., Gianolini, S., Pazmandi, G., Feist, H., . . . Kreiner, H. J. (2002). Precision dosimetry for narrow photon beams used in radiosurgery-determination of gamma knife output factors. *Medical Physics, 29*(9), 2080-2089.

Mahajan A, McCutcheon IE, Suki D, Chang EL, Hassenbusch SJ, Weinberg JS, Shiu A, Maor MH, Woo SY. Case-control study of stereotactic radiosurgery for recurrent glioblastoma multiforme. *J Neurosurg.* 2005 Aug;103(2):210-7. *MD Anderson Cancer Center, Houston*

Mahajan, A., McCutcheon, I. E., Suki, D., Chang, E. L., Hassenbusch, S. J., Weinberg, J. S., . . . Woo, S. Y. (2005). Case-control study of stereotactic radiosurgery for recurrent glioblastoma multiforme. *Journal of Neurosurgery, 103*(2), 210-217.

Maldaun, M. V., Aguiar, P. H., Lang, F., Suki, D., Wildrick, D., & Sawaya, R. (2008). Radiosurgery in the treatment of brain metastases: Critical review regarding complications. *Neurosurgical Review, 31*(1), 1-8.

Mancosu P, Navarria P, Bignardi M, Cozzi L, Fogliata A, Lattuada P, Santoro A, Urso G, Vigorito S, Scorsetti M. Re-irradiation of metastatic spinal cord compression: a feasibility study by volumetric-modulated arc radiotherapy for in-field recurrence creating a dosimetric hole on the central canal. *Radiother Oncol.* 2010 Jan;94(1):67-70. *IRCCS Istituto Clinico Humanitas, Rozzano, Italy.*

Mao W, Wiersma RD, Xing L. Fast internal marker tracking algorithm for onboard MV and kV imaging systems. *Med Phys*. 2008 May;35(5):1942-9. *Stanford University Medical Center, Palo Alto*

Marchal, J. C., Klein, O., Thouvenot, P., Bernier, V., Moret, C., & Chastagner, P. (2005). Individualized treatment of craniopharyngioma in children: Ways and means. *Childs Nervous System, 21*(8-9), 655-659.

Marichal, D. A., Barnett, D. W., Meler, J. D., & Layton, K. F. (2011). Fiducial marker placement for intraoperative spine localization. *Journal of Vascular & Interventional Radiology, 22*(1), 95-97.

Marko, N. F., & Weil, R. J. (2010). Radiotherapy: Neurocognitive considerations in the treatment of brain metastases. *Nature Reviews.Clinical Oncology, 7*(4), 185-186.

Marko, N. F., & Weil, R. J. (2010). Radiotherapy: Neurocognitive considerations in the treatment of brain metastases. *Nature Reviews Clinical Oncology, 7*(4), 185-186.

Martin A & Gaya A. Stereotactic body radiotherapy: a review. Clin Oncol 2010;22(3):157-172.

Maruyama, K., Kamada, K., Ota, T., Koga, T., Itoh, D., Ino, K., . . . Saito, N. (2008). Tolerance of pyramidal tract to gamma knife radiosurgery based on diffusion-tensor tractography. *International Journal of Radiation Oncology, Biology, Physics, 70*(5), 1330-1335.

Maruyama, K., Shin, M., Kurita, H., Kawahara, N., Morita, A., & Kirino, T. (2004). Proposed treatment strategy for cavernous sinus meningiomas: A prospective study. *Neurosurgery, 55*(5), 1068-

Masi, L., Casamassima, F., Menichelli, C., Pasciuti, K., Doro, R., Polli, C., . . . Bonucci, I. (2008). On-line image guidance for frameless stereotactic radiotherapy of lung malignancies by cone beam CT: Comparison between target localization and alignment on bony anatomy. *Acta Oncologica, 47*(7), 1422-1431.

Massager, N., Nissim, O., Delbrouck, C., Delpierre, I., Devriendt, D., Desmedt, F., . . . Levivier, M. (2007). Irradiation of cochlear structures during vestibular schwannoma radiosurgery and associated hearing outcome. *Journal of Neurosurgery, 107*(4), 733-739.

Massager, N., Nissim, O., Delbrouck, C., Devriendt, D., David, P., Desmedt, F., . . . Levivier, M. (2006). Role of intracanalicular volumetric and dosimetric parameters on hearing preservation after vestibular schwannoma radiosurgery. *International Journal of Radiation Oncology, Biology, Physics, 64*(5), 1331-1340.

Matsunaga, S., Shuto, T., Inomori, S., Fujino, H., & Yamamoto, I. (2007). Gamma knife radiosurgery for intracranial haemangioblastomas. *Acta Neurochirurgica, 149*(10), 1007-1013.

Matsunaga, S., Shuto, T., Kawahara, N., Suenaga, J., Inomori, S., & Fujino, H. (2010). Gamma knife surgery for metastatic brain tumors from primary breast cancer: Treatment indication based on number of tumors and breast cancer phenotype. *Journal of Neurosurgery, 113*(Suppl), 65-72.

Matsunaga, S., Shuto, T., Kawahara, N., Suenaga, J., Inomori, S., & Fujino, H. (2011). Gamma knife surgery for brain metastases from colorectal cancer. clinical article. *Journal of Neurosurgery, 114*(3), 782-789.

Matsunaga, S.S., T.; Kawahara, N.; Suenaga, J.; Inomori, S.; Fujino, H., Gamma Knife surgery for brain metastases from colorectal cancer. Clinical article. Journal of Neurosurgery, 2011. 114(3): p. 782-9.

Matsunaga, S.S., T.; Kawahara, N.; Suenaga, J.; Inomori, S.; Fujino, H., Gamma Knife surgery for metastatic brain tumors from primary breast cancer: treatment indication based on number of tumors and breast cancer phenotype. Journal of Neurosurgery, 2010. 113 Suppl: p. 65-72.

Matuszak, M. M., Yan, D., Grills, I., & Martinez, A. (2010). Clinical applications of volumetric modulated arc therapy. *International Journal of Radiation Oncology, Biology, Physics, 77*(2), 608-616.

Mavroidis, P., Lind, B. K., Theodorou, K., Laurell, G., Fernberg, J. O., Lefkopoulos, D., . . . Brahme, A. (2004). Statistical methods for clinical verification of dose-response parameters related to esophageal stricture and AVM obliteration from radiotherapy. *Physics in Medicine & Biology, 49*(16), 3797-3816.

Maxim PG, Loo BW Jr, Shirazi H, Thorndyke B, Luxton G, Le QT. Quantification of motion of different thoracic locations using four-dimensional computed tomography: implications for radiotherapy planning. *Int J Radiat Oncol Biol Phys.* 2007 Dec 1;69(5):1395-401. *Stanford University Medical Center, Palo Alto*

Maxim, P. G., Loo, B. W.,Jr, Murphy, J. D., Chu, K. P., Hsu, A., & Le, Q. T. (2011). On-board imaging validation of optically guided stereotactic radiosurgery positioning system for

conventionally fractionated radiotherapy for paranasal sinus and skull base cancer. *International Journal of Radiation Oncology, Biology, Physics, 81*(4), 1153-1159.

Mayer, R., & Sminia, P. (2008). Reirradiation tolerance of the human brain. *International Journal of Radiation Oncology, Biology, Physics, 70*(5), 1350-1360.

McCammon R, Schefter TE, Gaspar LE, Zaemisch R, Gravdahl D, Kavanagh B. Observation of a dosecontrol relationship for lung and liver tumors after stereotactic body radiation therapy. *Int J Radiat Oncol Biol Phys.* 2009 Jan 1;73(1):112-8. *University of Colorado Health Sciences Center, Aurora*

McClelland, S.,3rd, Gerbi, B. J., Higgins, P. D., Orner, J. B., & Hall, W. A. (2008). Safety and efficacy of fractionated stereotactic radiotherapy for acoustic neuromas. *Journal of Neuro-Oncology, 86*(2), 191-194.

McDermott, M. W., & Sneed, P. K. (2005). Radiosurgery in metastatic brain cancer. *Neurosurgery, 57*(5 Suppl), S45-53.

McGregor, J. M., & Sarkar, A. (2009). Stereotactic radiosurgery and stereotactic radiotherapy in the treatment of skull base meningiomas. *Otolaryngologic Clinics of North America, 42*(4), 677-688.

McWilliams, W., Trombetta, M., Werts, E. D., Fuhrer, R., & Hillman, T. (2011). Audiometric outcomes for acoustic neuroma patients after single versus multiple fraction stereotactic irradiation. *Otology & Neurotology, 32*(2), 297-300.

Medin PM, Solberg TD, De Salles AA, Cagnon CH, Selch MT, Johnson JP, Smathers JB, Cosman ER. Investigations of a minimally invasive method for treatment of spinal malignancies with LINAC stereotactic radiation therapy: accuracy and animal studies. *Int J Radiat Oncol Biol Phys.* 2002 Mar 15;52(4):1111-22. *UCLA, Los Angeles*

Meeks SL, Buatti JM, Bouchet LG, Bova FJ, Ryken TC, Pennington EC, Anderson KM, Friedman WA. Ultrasound- guided extracranial radiosurgery: technique and application. *Int J Radiat Oncol Biol Phys*. 2003 Mar 15;55(4):1092-101. *University of Florida, Gainesville*

Meijer OW, Vandertop WP, Baayen JC, Slotman BJ. Single-fraction vs. fractionated linac-based stereotactic radiosurgery for vestibular schwannoma: a single-institution study. *Int J Radiat Oncol Biol Phys.* 2003 Aug 1;56(5):1390-6. *VU University Medical Center, Amsterdam*

Meijer OW, Vandertop WP, Lagerwaard FJ, Slotman BJ. Linear accelerator-based stereotactic radiosurgery for bilateral vestibular schwannomas in patients with neurofibromatosis type 2. *Neurosurgery*. 2008 May;62(5 Suppl):A37-43, *VU University Medical Center, Amsterdam*

Meijer, O. W., Vandertop, W. P., Lagerwaard, F. J., & Slotman, B. J. (2008). Linear accelerator-based stereotactic radiosurgery for bilateral vestibular schwannomas in patients with neurofibromatosis type 2. *Neurosurgery, 62*(5 Suppl), A37-42.

Merchant, T. E., Boop, F. A., Kun, L. E., & Sanford, R. A. (2008). A retrospective study of surgery and reirradiation for recurrent ependymoma. *International Journal of Radiation Oncology, Biology, Physics, 71*(1), 87-97. Metwaly, M., Awaad, A. M., El-Sayed, e. M., & Sallam, A. S. (2008). Comparison of intensity-modulated radiotherapy and forward-planning dynamic arc therapy techniques for prostate cancer. *Journal of Applied Clinical Medical Physics, 9*(4), 2783.

Meyer, F. B. (2011). Gamma knife surgery for resectable meningiomas. *Journal of Neurosurgery, 114*(5), 1390-1.

Milano MT, Constine LS, Okunieff P. Normal tissue toxicity after small field hypofractionated stereotactic body radiation. *Radiat Oncol*. 2008 Oct 31;3:36. *University of Rochester Medical Center, Rochester, NY*

Milano, M. T., Usuki, K. Y., Walter, K. A., Clark, D., & Schell, M. C. (2011). Stereotactic radiosurgery and hypofractionated stereotactic radiotherapy: Normal tissue dose constraints of the central nervous system. *Cancer Treatment Reviews, 37*(7), 567-578.

Mindermann, T. (2005). Tumor recurrence and survival following gamma knife surgery for brain metastases. *Journal of Neurosurgery, 102*(Suppl), 287-288.

Mindermann, T., & de Rougemont, O. (2004). The significance of tumor location for gamma knife treatment of meningiomas. *Stereotactic & Functional Neurosurgery, 82*(4), 194-195.

Mindermann, T., Tumor recurrence and survival following gamma knife surgery for brain metastases. Journal of neurosurgery, 2005. 102: p. 287-8.

Minn, A. Y., Schellenberg, D., Maxim, P., Suh, Y., McKenna, S., Cox, B., . . . Koong, A. C. (2009). Pancreatic tumor motion on a single planning 4D-CT does not correlate with intrafraction tumor motion during treatment. *American Journal of Clinical Oncology, 32*(4), 364-368.

Minniti, G., Esposito, V., Amichetti, M., & Enrici, R. M. (2009). The role of fractionated radiotherapy and radiosurgery in the management of patients with craniopharyngioma. *Neurosurgical Review, 32*(2), 125-132.

Minniti, G., Gilbert, D. C., & Brada, M. (2009). Modern techniques for pituitary radiotherapy. *Reviews in Endocrine & Metabolic Disorders, 10*(2), 135-144.

Minniti, G., Salvati, M., Muni, R., Lanzetta, G., Osti, M. F., Clarke, E., . . . Enrici, R. M. (2010). Stereotactic radiosurgery plus whole-brain radiotherapy for treatment of multiple metastases from non-small cell lung cancer. *Anticancer Research, 30*(7), 3055-3061.

Mirabel, X. (2009). Have we established a stereotactic body radiotherapy regimen for liver metastases?. *Journal of Clinical Oncology, 27*(22), e40.

Miralbell R, Mollà M, Arnalte R, Canales S, Vargas E, Linero D, Waters S, Nouet P, Rouzaud M, Escudé L. Target repositioning optimization in prostate cancer: is intensity-modulated radiotherapy under stereotactic conditions feasible? *Int J Radiat Oncol Biol Phys.* 2004 Jun 1;59(2):366-71. *Instituto Oncológico Teknon, Barcelona, SP*

Misra, B. K., Purandare, H. R., Ved, R. S., Bagdia, A. A., & Mare, P. B. (2009). Current treatment strategy in the management of vestibular schwannoma. *Neurology India, 57*(3), 257-263.

Moffat, D. A., Quaranta, N., Baguley, D. M., Hardy, D. G., & Chang, P. (2003). Management strategies in neurofibromatosis type 2. *European Archives of Oto-Rhino-Laryngology, 260*(1), 12-18.

Monaco, E.,3rd, Kondziolka, D., Mongia, S., Niranjan, A., Flickinger, J. C., & Lunsford, L. D. (2008). Management of brain metastases from ovarian and endometrial carcinoma with stereotactic radiosurgery. *Cancer, 113*(9), 2610-2614.

Mondok, A., Szeifert, G. T., Mayer, A., Czirjak, S., Glaz, E., Nyary, I., & Racz, K. (2005). Treatment of pituitary tumors: Radiation. *Endocrine, 28*(1), 77-85.

Monk JE, Perks JR, Doughty D, Plowman PN. Comparison of a micro-multileaf collimator with a 5-mm-leafwidth collimator for intracranial stereotactic radiotherapy. *Int J Radiat Oncol Biol Phys.* 2003 Dec 1;57(5):1443-9., *St. Bartholomew's Hospital, London*

Monk, J. E., Perks, J. R., Doughty, D., & Plowman, P. N. (2003). Comparison of a micro-multileaf collimator with a 5-mm-leaf-width collimator for intracranial stereotactic radiotherapy. *International Journal of Radiation Oncology, Biology, Physics, 57*(5), 1443-1449.

Monti, A. F., Frigerio, M., & Frigerio, G. (2003). Visual verification of linac light and radiation fields coincidence. *Medical Dosimetry, 28*(2), 91-93.

Moon, S. H., Kim, I. H., Park, S. W., Kim, I., Hong, S., Park, C. I., . . . Cho, B. K. (2005). Early adjuvant radiotherapy toward long-term survival and better quality of life for craniopharyngiomas--a study in single institute. *Childs Nervous System, 21*(8-9), 799-807.

MorenoJimenez, S., Rangel, A. I., Zarate, C. L., Aceves, G. A. G., Celis TerrazoLluch, J., & ReyesMoreno, I. (2008). [Comparative study between different dilutions of lidocain-sodium bicarbonate in local infiltration to the positioning of the stereotactic frame]. *Archivos De Neurociencias, 13*(1), 3-7.

Mori, Y., Hayashi, N., Iwase, M., Yamada, M., Takikawa, Y., Uchiyama, Y., . . . Kaii, O. (2006). Stereotactic imaging for radiosurgery: Localization accuracy of magnetic resonance

imaging and positron emission tomography compared with computed tomography. *Stereotactic & Functional Neurosurgery, 84*(4), 142-146.

Mori, Y., Kobayashi, T., Hasegawa, T., Yoshida, K., & Kida, Y. (2009). Stereotactic radiosurgery for pineal and related tumors. *Progress in Neurological Surgery, 23*, 106-118.

Moskvin, V., Timmerman, R., DesRosiers, C., Randall, M., DesRosiers, P., Dittmer, P., & Papiez, L. (2004). Monte carlo simulation of the leksell gamma knife: II. effects of heterogeneous versus homogeneous media for stereotactic radiosurgery. *Physics in Medicine & Biology, 49*(21), 4879-4895.

Muacevic, A., Jess-Hempen, A., Tonn, J. C., & Wowra, B. (2004). Clinical quality standards for gamma knife radiosurgery--the munich protocol. *Acta Neurochirurgica - Supplement, 91*, 25-32.

Muacevic, A., Jess-Hempen, A., Tonn, J. C., & Wowra, B. (2004). Results of outpatient gamma knife radiosurgery for primary therapy of acoustic neuromas. *Acta Neurochirurgica - Supplement, 91*, 75-78.

Muacevic, A., Uhl, E., & Wowra, B. (2004). Gamma knife radiosurgery for nonfunctioning pituitary adenomas. *Acta Neurochirurgica - Supplement, 91*, 51-54.

Mueller, R. P., Soffietti, R., Abaciouglu, M. U., Villa, S., Fauchon, F., Baumert, B. G., et al. (2009). Adjuvant whole-brain radiotherapy versus observation after radiosurgery or surgical resection of 1-3 cerebral metastases: Results of the EORTC 22952-26001 study [abstract no. 2008]. *Journal of Clinical Oncology: ASCO Annual Meeting Proceedings, 27*(15S Part I), 89.

Muller, S., Arnolds, J., & van Oosterhout, A. (2010). Decision-making of vestibular schwannoma patients. *Acta Neurochirurgica, 152*(6), 973-984.

Muller-Riemenschneider, F.S., C.; Bockelbrink, A.; Ernst, I.; Vauth, C.; Willich, S. N.; von der Schulenburg, J. M., Medical and health economic assessment of radiosurgery for the treatment of brain metastasis. GMS Health Technol Assess, 2009. 5: p. Doc03.

Murphy ES, Suh JH Radiotherapy for vestibular schwannomas: a critical review. Int J Radiat Oncol Biol Phys. 2011;79(4):985.

Murphy JD, Christman-Skieller C, Kim J, Dieterich S, Chang DT, Koong AC. A dosimetric model of duodenal toxicity after stereotactic body radiotherapy for pancreatic cancer. *Int J Radiat Oncol Biol Phys.* 2010 Dec 1;78(5):1420-6. *Stanford University School of Medicine, Stanford, CA*

Murphy, E. S., & Suh, J. H. (2011). Radiotherapy for vestibular schwannomas: A critical review. *International Journal of Radiation Oncology, Biology, Physics, 79*(4), 985-997.

Murphy, J. D., Christman-Skieller, C., Kim, J., Dieterich, S., Chang, D. T., & Koong, A. C. (2010). A dosimetric model of duodenal toxicity after stereotactic body radiotherapy for pancreatic cancer. *International Journal of Radiation Oncology, Biology, Physics, 78*(5), 1420-1426.

Myrseth, E., Moller, P., Pedersen, P. H., & Lund-Johansen, M. (2009). Vestibular schwannoma: Surgery or gamma knife radiosurgery? A prospective, nonrandomized study. *Neurosurgery, 64*(4), 654-661.

Myrseth, E., Moller, P., Pedersen, P. H., Vassbotn, F. S., Wentzel-Larsen, T., & Lund-Johansen, M. (2005). Vestibular schwannomas: Clinical results and quality of life after microsurgery or gamma knife radiosurgery. *Neurosurgery, 56*(5), 927-935.

Nader, R., Al-Abdulhadi, K., Leblanc, R., & Zeitouni, A. (2002). Acoustic neuroma: Outcome study. *Journal of Otolaryngology, 31*(4), 207-210.

Nagai, A.S., Y.; Mori, Y.; Hashizume, C.; Hagiwara, M.; Kobayashi, T., Increases in the number of brain metastases detected at frame-fixed, thin-slice MRI for gamma knife surgery planning. Neuro Oncol, 2010. 12(11): p. 1187-92.

Nagano, H.N., S.; Shuto, T.; Asada, H.; Inomori, S., Dose selection for optimal treatment results and avoidance of complications. Prog Neurol Surg, 2009. 22: p. 11-9.

Nagano, O., Higuchi, Y., Serizawa, T., Ono, J., Matsuda, S., Yamakami, I., & Saeki, N. (2008). Transient expansion of vestibular schwannoma following stereotactic radiosurgery. *Journal of Neurosurgery, 109*(5), 811-816.

Nagano, O., Serizawa, T., Higuchi, Y., Matsuda, S., Sato, M., Yamakami, I., . . . Saeki, N. (2010). Tumor shrinkage of vestibular schwannomas after gamma knife surgery: Results after more than 5 years of follow-up. *Journal of Neurosurgery, 113*(Suppl), 122-127.

Nagata, Y., Wulf, J., Lax, I., Timmerman, R., Zimmermann, F., Stojkovski, I., & Jeremic, B. (2011). Stereotactic radiotherapy of primary lung cancer and other targets: Results of consultant meeting of the international atomic energy agency. *International Journal of Radiation Oncology, Biology, Physics, 79*(3), 660-669.

Nagata, Y., Wulf, J., Lax, I., Timmerman, R., Zimmermann, F., Stojkovski, I., & Jeremic, B. (2011). Stereotactic radiotherapy of primary lung cancer and other targets: Results of consultant meeting of the international atomic energy agency. *International Journal of Radiation Oncology, Biology, Physics, 79*(3), 660-669.

Nakagawa, K., Tago, M., Shibata, K., Nakamura, N., Yamashita, H., Shiraishi, K., . . . Ohtomo, K. (2003). Intercomparison of dose distribution between gamma knife and C-arm-mounted linac. *Radiation Medicine, 21*(4), 178-182.

Nakaya, K., Chernov, M., Kasuya, H., Izawa, M., Hayashi, M., Kato, K., . . . Takakura, K. (2009). Risk factors for regrowth of intracranial meningiomas after gamma knife radiosurgery:

Importance of the histopathological grade and MIB-1 index. *Minimally Invasive Neurosurgery, 52*(5-6), 216-221.

Nakaya, K.H., M.; Izawa, M.; Ochiai, T.; Hori, T.; Takakura, K., How soon will the patient with metastasis return for radiosurgery? Journal of Neurosurgery, 2006. 105 Suppl: p. 82-5.

Nataf, F., Schlienger, M., Liu, Z., Foulquier, J. N., Gres, B., Orthuon, A., . . . Touboul, E. (2008). Radiosurgery with or without A 2-mm margin for 93 single brain metastases. *International Journal of Radiation Oncology, Biology, Physics, 70*(3), 766-772.

Nath, S. K., Sandhu, A. P., Jensen, L., Kim, D., Bharne, A., Nobiensky, P. D., . . . Mundt, A. J. (2011). Frameless image-guided stereotactic body radiation therapy for lung tumors with 4-dimensional computed tomography or 4-dimensional positron emission tomography/ computed tomography. *Clinical Lung Cancer, 12*(3), 180-186.

Nedzi LA.The implementation of ablative hypofractionated radiotherapy for stereotactic treatments in the brain and body: observations on efficacy and toxicity in clinical practice. *Semin Radiat Oncol*. 2008 Oct;18(4):265-72. *University of Texas Southwestern, Dallas*

Nettel, B., Niranjan, A., Martin, J. J., Koebbe, C. J., Kondziolka, D., Flickinger, J. C., & Lunsford, L. D. (2004). Gamma knife radiosurgery for trigeminal schwannomas. *Surgical Neurology, 62*(5), 435-444.

Nguyen, T., Hsu, W., Lim, M., & Naff, N. (2011). Delivery of stereotactic radiosurgery: A cross-platform comparison. *Neurological Research, 33*(8), 787-791.

Nicholas, M. K. (2007). Glioblastoma multiforme: Evidence-based approach to therapy. *Expert Review of Anticancer Therapy, 7*(12 Suppl), S23-7.

Nicolato, A., Giorgetti, P., Foroni, R., Grigolato, D., Pasquin, I. P., Zuffante, M., . . . Gerosa, M. (2005). Gamma knife radiosurgery in skull base meningiomas: A possible relationship between somatostatin receptor decrease and early neurological improvement without tumour shrinkage at short-term imaging follow-up. *Acta Neurochirurgica, 147*(4), 367-374.

Nicolini G, Vanetti E, Clivio A, Fogliata A, Korreman S, Bocanek J, Cozzi L. The GLAaS algorithm for portal dosimetry and quality assurance of RapidArc, an intensity modulated rotational therapy. *Radiat Oncol.* 2008 Sep 9;3:24. *Oncology Institute of Southern Switzerland, Bellinzona,Switzerland.*

Nieder, C. (2008). Two new prognostic indices for brain metastases--where do we go from here?. *Strahlentherapie Und Onkologie, 184*(9), 488-489.

Nieder, C., Andratschke, N., Grosu, A. L., & Molls, M. (2003). Recursive partitioning analysis (RPA) class does not predict survival in patients with four or more brain metastases. *Strahlentherapie Und Onkologie, 179*(1), 16-20.

Nieder, C., Astner, S. T., Andratschke, N. H., & Marienhagen, K. (2011). Postoperative treatment and prognosis of patients with resected single brain metastasis: How useful are established prognostic scores?. *Clinical Neurology & Neurosurgery, 113*(2), 98-103.

Nieder, C., Grosu, A. L., Stark, S., Wiedenmann, N., Busch, R., Kneschaurek, P., & Molls, M. (2006). Dose to the intracranial arteries in stereotactic and intensity-modulated radiotherapy for skull base tumors. *International Journal of Radiation Oncology, Biology, Physics, 64*(4), 1055-1059.

Nieder, C., Marienhagen, K., Geinitz, H., & Grosu, A. L. (2011). Can current prognostic scores reliably guide treatment decisions in patients with brain metastases from malignant melanoma?. *Journal of Cancer Research & Therapeutics, 7*(1), 47-51.

Nieder, C., Spanne, O., Nordoy, T., & Dalhaug, A. (2011). Treatment of brain metastases from renal cell cancer. *Urologic Oncology, 29*(4), 405-410.

Nijdam, W., Levendag, P., Fuller, D., Schulz, R., Prevost, J. B., Noever, I., & Uyl-de Groot, C. (2007). Robotic radiosurgery vs. brachytherapy as a boost to intensity modulated radiotherapy for tonsillar fossa and soft palate tumors: The clinical and economic impact of an emerging technology. *Technology in Cancer Research & Treatment, 6*(6), 611-620.

Nikolopoulos, T. P., & O'Donoghue, G. M. (2002). Acoustic neuroma management: An evidence-based medicine approach. *Otology & Neurotology, 23*(4), 534-541.

Niranjan, A., Novotny, J.,Jr, Bhatnagar, J., Flickinger, J. C., Kondziolka, D., & Lunsford, L. D. (2009). Efficiency and dose planning comparisons between the perfexion and 4C leksell gamma knife units. *Stereotactic & Functional Neurosurgery, 87*(3), 191-198.

Niranjan, A.K., H.; Khan, A.; Kim, I. Y.; Kondziolka, D.; Flickinger, J. C.; Lunsford, L. D., Radiosurgery for brain metastases from unknown primary cancers. International Journal of Radiation Oncology, Biology, Physics, 2010. 77(5): p. 1457-62.

Niranjan, A.N., J., Jr.; Bhatnagar, J.; Flickinger, J. C.; Kondziolka, D.; Lunsford, L. D., Efficiency and dose planning comparisons between the Perfexion and 4C Leksell Gamma Knife units. Stereotactic and Functional Neurosurgery, 2009. 87(3): p. 191-8.

Novotny, J., Bhatnagar, J. P., Niranjan, A., Quader, M. A., Huq, M. S., Bednarz, G., . . . Lunsford, L. D. (2008). Dosimetric comparison of the leksell gamma knife perfexion and 4C. *Journal of Neurosurgery, 109*(Suppl), 8-14.

Novotny, J.,Jr, Kollova, A., & Liscak, R. (2006). Prediction of intracranial edema after radiosurgery of meningiomas. *Journal of Neurosurgery, 105*(Suppl), 120-126.

Nuyttens, J. J., Prevost, J. B., Praag, J., Hoogeman, M., Van Klaveren, R. J., Levendag, P. C., & Pattynama, P. M. (2006). Lung tumor tracking during stereotactic radiotherapy treatment with the CyberKnife: Marker placement and early results. *Acta Oncologica (Stockholm, Sweden), 45*(7), 961-965.

Odell, K. R. (2009). Review of the poster "dosimetric comparison of gamma knife radiosurgery vs. 125I plaque brachytherapy in a cohort of choroidal melanomas". *Medical Dosimetry, 34*(2), 107-109.

Ohtakara, K., Hayashi, S., & Hoshi, H. (2011). Dose gradient analyses in linac-based intracranial stereotactic radiosurgery using paddick's gradient index: Consideration of the optimal method for plan evaluation. *Journal of Radiation Research, 52*(5), 592-599.

Ohtakara, K., Hayashi, S., Tanaka, H., & Hoshi, H. (2011). Dosimetric comparison of 2.5 mm vs. 3.0 mm leaf width micro-multileaf collimator-based treatment systems for intracranial stereotactic radiosurgery using dynamic conformal arcs: Implications for treatment planning. *Japanese Journal of Radiology, 29*(9), 630-638.

Oldfield, E. H. (2010). Editorial: Unresolved issues: Radiosurgery versus radiation therapy; medical suppression of growth hormone production during radiosurgery; and endoscopic surgery versus microscopic surgery. *Neurosurgical Focus, 29*(4), E16.

Oliver, R., Clarkson, J. E., Conway, D. I., Coulthard, P., Glenny, A., Hooper, L et al. (2010). Interventions for the treatment of oral cancer. *Cochrane Database of Systematic Reviews, 4*

Olson, C., Yen, C. P., Schlesinger, D., & Sheehan, J. (2010). Radiosurgery for intracranial hemangiopericytomas: Outcomes after initial and repeat gamma knife surgery. *Journal of Neurosurgery, 112*(1), 133-139.

O'Malley, L., Pignol, J. P., Beachey, D. J., Keller, B. M., Presutti, J., & Sharpe, M. (2006). Improvement of radiological penumbra using intermediate energy photons (IEP) for stereotactic radiosurgery. *Physics in Medicine & Biology, 51*(10), 2537-2548.

O'Neill BP, Iturria NJ, Link MJ, Pollock BE, Ballman KV, O'Fallon JR.A comparison of surgical resection and stereotactic radiosurgery in the treatment of solitary brain metastases. .Int J Radiat Oncol Biol Phys. 2003;55(5):1169.

O'Neill, B. P., Iturria, N. J., Link, M. J., Pollock, B. E., Ballman, K. V., & O'Fallon, J. R. (2003). A comparison of surgical resection and stereotactic radiosurgery in the treatment of solitary brain metastases. *International Journal of Radiation Oncology, Biology, Physics, 55*(5), 1169-1176.

Ong C, Verbakel WF, Cuijpers JP, Slotman BJ, Senan S. Dosimetric Impact of Interplay Effect on RapidArc Lung Stereotactic Treatment Delivery. *Int J Radiat Oncol Biol Phys*. 2010 Jul 12.*VU University Medical Center, Amsterdam* [Epub ahead of print]

Onodera, S., Aoyama, H., Katoh, N., Taguchi, H., Yasuda, K., Yoshida, D., . . . Shirato, H. (2011). Long-term outcomes of fractionated stereotactic radiotherapy for intracranial skull base benign meningiomas in single institution. *Japanese Journal of Clinical Oncology, 41*(4), 462-468.

Paddick, I., & Lippitz, B. (2006). A simple dose gradient measurement tool to complement the conformity index. *Journal of Neurosurgery, 105*(Suppl), 194-201.

Paek, S. H., Chung, H. T., Jeong, S. S., Park, C. K., Kim, C. Y., Kim, J. E., . . . Jung, H. W. (2005). Hearing preservation after gamma knife stereotactic radiosurgery of vestibular schwannoma. *Cancer, 104*(3), 580-590.

Palma D, Senan S. Stereotactic radiation therapy: changing treatment paradigms for stage I nonsmall cell lung cancer. *Curr Opin Oncol.* 2010 Nov 22. *University of Western Ontario, London, Ontario & VUMC* [Epub ahead of print]

Palma D, Visser O, Lagerwaard FJ, Belderbos J, Slotman BJ, Senan S. Impact of Introducing Stereotactic Lung Radiotherapy for Elderly Patients With Stage I Non-Small-Cell Lung Cancer: A Population-Based Time-Trend Analysis. *J Clin Oncol.* 2010 Nov 1. *Vrije Universiteit University Medical Center, Amsterdam*, [Epub ahead of print]

Palma, D., Lagerwaard, F., Rodrigues, G., Haasbeek, C., & Senan, S. (2012). Curative treatment of stage I non-small-cell lung cancer in patients with severe COPD: Stereotactic radiotherapy outcomes and systematic review. *International Journal of Radiation Oncology, Biology, Physics, 82*(3), 1149-1156.

Palma, D., Visser, O., Lagerwaard, F. J., Belderbos, J., Slotman, B., & Senan, S. (2011). Treatment of stage I NSCLC in elderly patients: A population-based matched-pair comparison of stereotactic radiotherapy versus surgery. *Radiotherapy & Oncology, 101*(2), 240-244.

Pamir, M. N., Kilic, T., Bayrakli, F., & Peker, S. (2005). Changing treatment strategy of cavernous sinus meningiomas: Experience of a single institution. *Surgical Neurology, 64*(Suppl 2), S58-66.

Pamir, M. N., Kilic, T., Belirgen, M., Abacioglu, U., & Karabekiroglu, N. (2007). Pituitary adenomas treated with gamma knife radiosurgery: Volumetric analysis of 100 cases with minimum 3 year follow-up. *Neurosurgery, 61*(2), 270-280.

Pamir, M. N., Kilic, T., Ture, U., & Ozek, M. M. (2004). Multimodality management of 26 skull-base chordomas with 4-year mean follow-up: Experience at a single institution. *Acta Neurochirurgica, 146*(4), 343-354.

Pan, H. C., Sun, M. H., Chen, C. C., Chen, C. J., Lee, C. H., & Sheehan, J. (2008). Neuroimaging and quality-of-life outcomes in patients with brain metastasis and peritumoral edema who undergo gamma knife surgery. *Journal of Neurosurgery, 109*(Suppl), 90-98.

Pan, H., Simpson, D. R., Mell, L. K., Mundt, A. J., & Lawson, J. D. (2011). A survey of stereotactic body radiotherapy use in the united states. *Cancer, 117*(19), 4566-4572.

Pan, H., Simpson, D. R., Mell, L. K., Mundt, A. J., & Lawson, J. D. (2011). A survey of stereotactic body radiotherapy use in the united states. *Cancer, puiblished online Marhc 15, 2011*

Pan, H.C.S., M. H.; Chen, C. C.; Chen, C. J.; Lee, C. H.; Sheehan, J., Neuroimaging and quality-of-life outcomes in patients with brain metastasis and peritumoral edema who undergo Gamma Knife surgery. Journal of Neurosurgery, 2008. 109 Suppl: p. 90-8.

Pan, L., Wang, E. M., Zhang, N., Zhou, L. F., Wang, B. J., Dong, Y. F., . . . Cai, P. W. (2005). Long-term results of leksell gamma knife surgery for trigeminal schwannomas. *Journal of Neurosurgery, 102*(Suppl), 220-224.

Panettieri V, Wennberg B, Gagliardi G, Duch MA, Ginjaume M, Lax I. SBRT of lung tumours: Monte Carlo simulation with PENELOPE of dose distributions including respiratory motion and comparison with different treatment planning systems. *Phys Med Biol*. 2007 Jul 21;52(14):4265-81. *Universitat Politècnica de Catalunya, Barcelona, SP*

Panettieri, V., Wennberg, B., Gagliardi, G., Duch, M. A., Ginjaume, M., & Lax, I. (2007). SBRT of lung tumours: Monte carlo simulation with PENELOPE of dose distributions including respiratory motion and comparison with different treatment planning systems. *Physics in Medicine & Biology, 52*(14), 4265-4281.

Pannullo SC, Fraser JF, Moliterno J, Cobb W, & Stieg, PE. (2011). Stereotactic radiosurgery: A meta-analysis of current therapeutic applications in neuro-oncologic disease.*J Neurooncol, 103*:1-17.

Pannullo, S. C., Fraser, J. F., Moliterno, J., Cobb, W., & Stieg, P. E. (2011). Stereotactic radiosurgery: A meta-analysis of current therapeutic applications in neuro-oncologic disease. *Journal of Neuro-Oncology, 103*(1), 1-17.

Papiez L, Timmerman R, DesRosiers C, Randall M. Extracranial stereotactic radioablation: physical principles. *Acta Oncol.* 2003;42(8):882-94, *Indiana University, Indianapolis*

Papiez L, Timmerman R. Hypofractionation in radiation therapy and its impact. *Med Phys.* 2008 Jan;35(1):112-8. *University of Texas Southwestern Medical Center, Dallas*

Pardo, J., Rosello, J. V., Sanchez-Doblado, F., & Gomez, F. (2006). Verification of intensity modulated profiles using a pixel segmented liquid-filled linear array. *Physics in Medicine & Biology, 51*(11), N211-9.

Park C, Papiez L, Zhang L, Story M, & Timmerman RD. (2008). Universal survival curve and single fraction equivalent dose: useful tools in understanding potency of ablative radiotherapy. Int J Radiat Oncol Biol Phys. Mar1;70(3):847-52. *University of Texas Southwestern Medical Center, Dallas*

Park C, Papiez L, Zhang S, Story M, Timmerman RD. Universal survival curve and single fraction equivalent dose: useful tools in understanding potency of ablative radiotherapy. *Int J Radiat Oncol Biol Phys.* 2008 Mar 1;70(3):847-52, *UT Southwestern Medical Center, Dallas*

Park DH, Shin D, Park SY, Park D, Kim TH, Shin KH, Yoon M, Kim DY, Cho KH. Optimized matching of film dosimetry with calculated doses for IMRT quality assurance. *Phys Med.* 2007 Jun;23(2):49-57. *National Cancer Center, Ilsan-gu, Goyang, KR*

Park SJ, Ionascu D, Hacker F , Mamon H, Berbeco R. Automatic marker detection and 3D position reconstruction using cine EPID images for SBRT verification. *Med Phys*. 2009 Oct;36(10):4536-46.*Dana- Farber/Brigham and Women's Cancer Center, Harvard Medical School, Boston*, MA

Park SJ, Ionascu D, Hacker F, Mamon H, Berbeco R. Automatic marker detection and 3D position reconstruction using cine EPID images f or SBRT verification. Med Phys. 2009 Oct;36(10):4536-46. *Dana- Farber/Brigham and Women's Cancer Center, Harvard Medical School, Boston, MA*

Park, C. E., Park, B. J., Lim, Y. J., & Yeo, S. G. (2011). Functional outcomes in retrosigmoid approach microsurgery and gamma knife stereotactic radiosurgery in vestibular schwannoma. *European Archives of Oto-Rhino-Laryngology, 268*(7), 955-959.

Park, C. K., Jung, H. W., Kim, J. E., Paek, S. H., & Kim, D. G. (2006). The selection of the optimal therapeutic strategy for petroclival meningiomas. *Surgical Neurology, 66*(2), 160-165.

Park, C. K., Jung, H. W., Kim, J. E., Son, Y. J., Paek, S. H., & Kim, D. G. (2006). Therapeutic strategy for large vestibular schwannomas. *Journal of Neuro-Oncology, 77*(2), 167-171.

Park, K. J., Kano, H., Kondziolka, D., Niranjan, A., Flickinger, J. C., & Lunsford, L. D. (2011). Early or delayed radiosurgery for WHO grade II astrocytomas. *Journal of Neuro-Oncology, 103*(3), 523-532.

Park, K. J., Kano, H., Parry, P. V., Niranjan, A., Flickinger, J. C., Lunsford, L. D., & Kondziolka, D. (2011). Long-term outcomes after gamma knife stereotactic radiosurgery for nonfunctional pituitary adenomas. *Neurosurgery, 69*(6), 1188-1199.

Park, K., Huang, L., Gagne, H., & Papiez, L. (2009). Do maximum intensity projection images truly capture tumor motion?. *International Journal of Radiation Oncology, Biology, Physics, 73*(2), 618-625.

Park, S. S., Grills, I. S., Bojrab, D., Pieper, D., Kartush, J., Maitz, A., . . . Chen, P. (2011). Longitudinal assessment of quality of life and audiometric test outcomes in vestibular schwannoma patients treated with gamma knife surgery. *Otology & Neurotology, 32*(4), 676-679.

Park, W.H.J., I. S.; Kim, C. J.; Kwon do, H., Gamma knife radiosurgery after stereotactic aspiration for large cystic brain metastases. J Korean Neurosurg Soc, 2009. 46(4): p. 360-4.

Park, Y. S., Chang, J. H., Park, Y. G., & Kim, D. S. (2011). Recurrence rates after neuroendoscopic fenestration and gamma knife surgery in comparison with subtotal resection and

gamma knife surgery for the treatment of cystic craniopharyngiomas. *Journal of Neurosurgery, 114*(5), 1360-1368.

Paskalev KA, Seuntjens JP, Patrocinio HJ, Podgorsak EB. Physical aspects of dynamic stereotactic radiosurgery with very small photon beams (1.5 and 3 mm in diameter). *Med Phys*. 2003 Feb;30(2):111-8. *Montreal General Hospital, Québec, CA*

Pawlicki T, Cotrutz C, King C. Prostate cancer therapy with stereotactic body radiation therapy. *Front Radiat Ther Oncol*. 2007;40:395-406. *Stanford University Medical Center, Palo Alto, CA*

Pearson, B. E., Markert, J. M., Fisher, W. S., Guthrie, B. L., Fiveash, J. B., Palmer, C. A., & Riley, K. (2008). Hitting a moving target: Evolution of a treatment paradigm for atypical meningiomas amid changing diagnostic criteria. *Neurosurgical Focus, 24*(5), E3.

Pedroso, A. G., De Salles, A. A., Tajik, K., Golish, R., Smith, Z., Frighetto, L., . . . Selch, M. T. (2004). Novalis shaped beam radiosurgery of arteriovenous malformations. *Journal of Neurosurgery, 101*(Suppl 3), 425-434.

Pelz, D. M. (2003). Advances in interventional neuroradiology. *Stroke, 34*(2), 357-358.

Peng JL, Kahler D, Li JG, Samant S, Yan G, Amdur R, Liu C. Characterization of a real-time surface imageguided stereotactic positioning system. *Med Phys*. 2010 Oct;37(10):5421-33. *Medical University of South Carolina, Charleston, South Carolina*

Peng LC, Kahler D, Samant S, Li J, Amdur R, Palta JR, Liu C. Quality assessment of frameless fractionated stereotactic radiotherapy using cone beam computed tomography. *Int J Radiat Oncol Biol Phys.* 2010 Dec 1;78(5):1586-93. *University of Florida College of Medicine, Gainesville, Florida*

Perks, J. R., St George, E. J., El Hamri, K., Blackburn, P., & and Plowman, P. N. (2003). Stereotactic radiosurgery XVI: Isodosimetric comparison of photon stereotactic radiosurgery techniques (gamma knife vs. micromultileaf collimator linear accelerator) for acoustic neuroma-and potential clinical importance. *Int J Radiat Oncol Biol Phys, 57*(5), 1450-1459.

Perucha, M., Sanchez-Doblado, F., Leal, A., Rincon, M., Arrans, R., Nunez, L., & Carrasco, E. (2003). Investigation of radiosurgical beam profiles using monte carlo method. *Medical Dosimetry, 28*(1), 1-6. Peruzzi, P., & Chiocca, E. A. (2011). Prognosis and treatment of melanoma metastases to the central nervous system: Lots of retrospective data, very few certainties. *World Neurosurgery, 76*(1-2), 48-50.

Petoukhova AL, van Wingerden K, Wiggenraad RG, van de Vaart PJ, van Egmond J, Franken EM, van Santvoort JP. Verification measurements and clinical evaluation of the iPlan RT Monte Carlo dose algorithm for 6 MV photon energy. *Phys Med Biol.* 2010 Jul 29;55(16):4601-4614. *The Hague, The Netherlands.*

Petti, P. L., Chuang, C. F., Smith, V., & Larson, D. A. (2006). Peripheral doses in CyberKnife radiosurgery. *Medical Physics, 33*(6), 1770-1779.

Pfisterer, W. K., Papadopoulos, S., Drumm, D. A., Smith, K., & Preul, M. C. (2008). Fiducial versus nonfiducial neuronavigation registration assessment and considerations of accuracy. *Neurosurgery, 62*(3 Suppl 1), 201-207.

Pfisterer, W. K., Papadopoulos, S., Drumm, D. A., Smith, K., & Preul, M. C. (2008). Fiducial versus nonfiducial neuronavigation registration assessment and considerations of accuracy. *Neurosurgery, 62*(3 Suppl 1), 201-207.

Phaisangittisakul, N., & Ma, L. (2002). An empirical model for independent dose verification of the gamma knife treatment planning. *Medical Physics, 29*(9), 1991-1997.

Phi, J. H., Paek, S. H., Chung, H. T., Jeong, S. S., Park, C. K., Jung, H. W., & Kim, D. G. (2007). Gamma knife surgery and trigeminal schwannoma: Is it possible to preserve cranial nerve function?. *Journal of Neurosurgery, 107*(4), 727-732.

Pishvaian, A. C., Collins, B., Gagnon, G., Ahlawat, S., & Haddad, N. G. (2006). EUS-guided fiducial placement for CyberKnife radiotherapy of mediastinal and abdominal malignancies. *Gastrointestinal Endoscopy, 64*(3), 412-417.

Pittomvils, G., Coghe, M., De Gersem, W., Crop, F., Van Duyse, B., Jacobs, F., . . . De Neve, W. (2007). Measurement techniques, modeling strategies and pitfalls to avoid when implementing a mini MLC in a non dedicated planning system. *Strahlentherapie Und Onkologie, 183*(11), 637-644.

Poetker, D. M., Jursinic, P. A., Runge-Samuelson, C. L., & Wackym, P. A. (2005). Distortion of magnetic resonance images used in gamma knife radiosurgery treatment planning: Implications for acoustic neuroma outcomes. *Otology & Neurotology, 26*(6), 1220-1228.

Pollock, B. E. (2006). An evidence-based medicine review of stereotactic radiosurgery. *Progress in Neurological Surgery, 19*, 152-170.

Pollock, B. E. (2006). Management of vestibular schwannomas that enlarge after stereotactic radiosurgery: Treatment recommendations based on a 15 year experience. *Neurosurgery, 58*(2), 241-248.

Pollock, B. E. (2008). Vestibular schwannoma management: An evidence-based comparison of stereotactic radiosurgery and microsurgical resection. *Progress in Neurological Surgery, 21*, 222-227.

Pollock, B. E., Cochran, J., Natt, N., Brown, P. D., Erickson, D., Link, M. J., . . . Schomberg, P. J. (2008). Gamma knife radiosurgery for patients with nonfunctioning pituitary adenomas: Results from a 15-year experience. *International Journal of Radiation Oncology, Biology, Physics, 70*(5), 1325-1329.

Pollock, B. E., Driscoll, C. L., Foote, R. L., Link, M. J., Gorman, D. A., Bauch, C. D., . . . Johnson, C. H. (2006). Patient outcomes after vestibular schwannoma management: A prospective comparison of microsurgical resection and stereotactic radiosurgery. *Neurosurgery, 59*(1), 77-85.

Pollock, B. E., Jacob, J. T., Brown, P. D., & Nippoldt, T. B. (2007). Radiosurgery of growth hormone-producing pituitary adenomas: Factors associated with biochemical remission. *Journal of Neurosurgery, 106*(5), 833-838.

Pollock, B. E., Link, M. J., & Foote, R. L. (2009). Failure rate of contemporary low-dose radiosurgical technique for vestibular schwannoma. *Journal of Neurosurgery, 111*(4), 840-844.

Potters, L., Kavanagh, B., Galvin, J. M., Hevezi, J. M., Janjan, N. A., Larson, D. A., . . . American College of, R. (2010). American society for therapeutic radiology and oncology (ASTRO) and american college of radiology (ACR) practice guideline for the performance of stereotactic body radiation therapy. *International Journal of Radiation Oncology, Biology, Physics, 76*(2), 326-332.

Poulsen PR, Cho B, Ruan D, Sawant A, Keall PJ. Dynamic multileaf collimator tracking of respiratory target motion based on a single kilovoltage imager during arc radiotherapy. *Int J Radiat Oncol Biol Phys.* 2010 Jun 1;77(2):600-7. *Stanford University, Stanford, California*

Poulsen PR, Muren LP, Høyer M.Residual set-up errors and margins in on-line image-guided prostate localization in radiotherapy. *Radiother Oncol*. 2007 Nov;85(2):201-6. *Aarhus University Hospital, Aarhus, DK*

Powell, J. W., Chung, C. T., Shah, H. R., Canute, G. W., Hodge, C. J., Bassano, D. A., . . . Hahn, S. S. (2008). Gamma knife surgery in the management of radioresistant brain metastases in high-risk patients with melanoma, renal cell carcinoma, and sarcoma. *Journal of Neurosurgery, 109*(Suppl), 122-128.

Powell, J.W.C., C. T.; Shah, H. R.; Canute, G. W.; Hodge, C. J.; Bassano, D. A.; Liu, L.; Mitchell, L.; Hahn, S. S., Gamma Knife surgery in the management of radioresistant brain metastases in high-risk patients with melanoma, renal cell carcinoma, and sarcoma. Journal of Neurosurgery, 2008. 109 Suppl: p. 122-8.

Prabhakar, R., Haresh, K. P., Ganesh, T., Joshi, R. C., Julka, P. K., & Rath, G. K. (2007). Comparison of computed tomography and magnetic resonance based target volume in brain tumors. *Journal of Cancer Research & Therapeutics, 3*(2), 121-123.

Puri V, Crabtree TD, Kymes S, et al. (2012). A comparison of surgical intervention and stereotactic body radiation therapy for stage I lung cancer in high-risk patients: A decision analysis. *J Thorac Cardiovasc Surg, 143*(2), 428-36.

Puri, V., Crabtree, T. D., Kymes, S., Gregory, M., Bell, J., Bradley, J. D., . . . Meyers, B. F. (2012). A comparison of surgical intervention and stereotactic body radiation therapy for stage I lung cancer in high-risk patients: A decision analysis. *Journal of Thoracic & Cardiovascular Surgery, 143*(2), 428-436.

Radiosurgery Society. (2010). *Metastatic Cancer of the Liver and Stereotactic Radiosurgery.*

Radiosurgery Society. (2011). *SRS for Trigeminal Neuralgia.*

Radiosurgery Society. (2011). *Stereotactic Body Radiotherapy Treatment for Head and Neck Cancer.*

Radiosurgery Society. (2010). *SRS for Non Small Cell Lung Cancer.*

Radiosurgery Society. (2010). *Prostate Cancer and Stereotactic Radiosurgery.*

Radiosurgery Society. (2010). *Carcinoma of the Pancreas and Stereotactic Radiosurgery.*

Radu A, Pica A, Villemure JG, Maire R. [Indications and results of stereotactic radiosurgery with LINAC for the treatment of acoustic neuromas: preliminary results] *Ann Otolaryngol Chir Cervicofac.* 2007 Jul;124(3):110-4. *CHU Vaudois, Lausanne*

Rahman M, Murad GJ, Bova F, Friedman WA, Mocco J. Stereotactic radiosurgery and the linear accelerator: accelerating electrons in neurosurgery. *Neurosurg Focus.* 2009 Sep;27(3):E13. *University of Florida, Gainesville*

Rahn, D. A.,3rd, Ray, D. K., Schlesinger, D. J., Steiner, L., Sheehan, J. P., O'Quigley, J. M., & Rich, T. (2011). Gamma knife radiosurgery for brain metastasis of nonsmall cell lung cancer: Is there a difference in outcome between morning and afternoon treatment?. *Cancer, 117*(2), 414-420.

Ramakrishna N, Rosca F, Friesen S, Tezcanli E, Zygmanszki P, Hacker F. A clinical comparison of patient setup and intra-fraction motion using frame-based radiosurgery versus a frameless image-guided radiosurgery system for intracranial lesions. *Radiother Oncol.* 2010 Apr;95(1):109-15 *Brigham and Women's Hospital and Dana Farber Cancer Institute, Boston, MA*

Ramakrishna N. The role of fractionated radiotherapy and stereotactic radiosurgery for pituitary adenomas. *Nat Clin Pract Endocrinol Metab.* 2008 Mar;4(3):138-9. *Brigham and Women's Hospital – Harvard University, Boston*

Ramakrishna, N., Rosca, F., Friesen, S., Tezcanli, E., Zygmanszki, P., & Hacker, F. (2010). A clinical comparison of patient setup and intra-fraction motion using frame-based radiosurgery versus a frameless image-guided radiosurgery system for intracranial lesions. *Radiotherapy & Oncology, 95*(1), 109-115.

Ramaseshan R, Heydarian M. Comprehensive quality assurance for stereotactic radiosurgery treatments. *Phys Med Biol.* 2003 Jul 21;48(14):N199-205. *Princess Margaret Hospital, Toronto, CA*

Rassiah-Szegedi, P., Salter, B. J., Fuller, C. D., Blough, M., Papanikolaou, N., & Fuss, M. (2006). Monte carlo characterization of target doses in stereotactic body radiation therapy (SBRT). *Acta Oncologica, 45*(7), 989-994.

Ratner, E. S., Toy, E., O'Malley, D. M., McAlpine, J., Rutherford, T. J., Azodi, M., et al. (2009). Brain metastases in epithelial ovarian and primary peritoneal carcinoma. *International Journal of Gynecological Cancer, 19*(5), 856-859.

Ray C. Long-term outcomes of SBRT in low-risk prostate cancer, Nat Rev Urol. 2011 Apr;8(4):174.

Redmond, A. J., Diluna, M. L., Hebert, R., Moliterno, J. A., Desai, R., Knisely, J. P., & Chiang, V. L. (2008). Gamma knife surgery for the treatment of melanoma metastases: The effect of intratumoral hemorrhage on survival. *Journal of Neurosurgery, 109*(Suppl), 99-105.

Redmond, A.J.D., M. L.; Hebert, R.; Moliterno, J. A.; Desai, R.; Knisely, J. P.; Chiang, V. L., Gamma Knife surgery for the treatment of melanoma metastases: the effect of intratumoral hemorrhage on survival. Journal of Neurosurgery, 2008. 109 Suppl: p. 99- 105.

Regine, W. F., Huhn, J. L., Patchell, R. A., St Clair, W. H., Strottmann, J., Meigooni, A., . . . Young, A. B. (2002). Risk of symptomatic brain tumor recurrence and neurologic deficit after radiosurgery alone in patients with newly diagnosed brain metastases: Results and implications. *International Journal of Radiation Oncology, Biology, Physics, 52*(2), 333-338.

Regine, W.F., The radiation oncologist's perspective on stereotactic radiosurgery. Technology in cancer research & treatment, 2002. 1(1): p. 43-9.

Regis, J., & Castinetti, F. (2010). Radiosurgery: A useful first-line treatment of prolactinomas?. *World Neurosurgery, 74*(1), 103-104.

Regis, J., Carron, R., Park, M. C., Soumare, O., Delsanti, C., Thomassin, J. M., & Roche, P. H. (2010). Wait-and-see strategy compared with proactive gamma knife surgery in patients with intracanalicular vestibular schwannomas. *Journal of Neurosurgery, 113*(Suppl), 105-111.

Regis, J., Tamura, M., Delsanti, C., Roche, P. H., Pellet, W., & Thomassin, J. M. (2008). Hearing preservation in patients with unilateral vestibular schwannoma after gamma knife surgery. *Progress in Neurological Surgery, 21*, 142-151.

Regis, J., Tamura, M., Guillot, C., Yomo, S., Muraciolle, X., Nagaje, M., Arka, Y., & Porcheron, D. (2009). Radiosurgery with the world's first fully robotized leksell gamma knife PerfeXion in

clinical use: A 200-patient prospective, randomized, controlled comparison with the gamma knife 4C. *Neurosurgery, 64*(2), 346-355.

Regis, J., Tamura, M., Guillot, C., Yomo, S., Muraciolle, X., Nagaje, M., . . . Porcheron, D. (2009). Radiosurgery with the world's first fully robotized leksell gamma knife PerfeXion in clinical use: A 200-patient prospective, randomized, controlled comparison with the gamma knife 4C. *Neurosurgery, 64*(2), 346-355.

Regis, J.T., M.; Guillot, C.; Yomo, S.; Muraciolle, X.; Nagaje, M.; Arka, Y.; Porcheron, D., Radiosurgery with the world's first fully robotized Leksell Gamma Knife PerfeXion in clinical use: a 200-patient prospective, randomized, controlled comparison with the Gamma Knife 4C. Neurosurgery, 2009. 64(2): p. 346-55; discussion 355-6.

Richter, A., Wilbert, J., Baier, K., Flentje, M., & Guckenberger, M. (2010). Feasibility study for markerless tracking of lung tumors in stereotactic body radiotherapy. *International Journal of Radiation Oncology, Biology, Physics, 78*(2), 618-627.

Rit, S., Nijkamp, J., van Herk, M., & Sonke, J. J. (2011). Comparative study of respiratory motion correction techniques in cone-beam computed tomography. *Radiotherapy & Oncology, 100*(3), 356-359.

Robar, J. L., Clark, B. G., Schella, J. W., & Kim, C. S. (2005). Analysis of patient repositioning accuracy in precision radiation therapy using automated image fusion. *Journal of Applied Clinical Medical Physics / American College of Medical Physics, 6*(1), 71-83.

Robar, J. L., Clark, B. G., Schella, J. W., & Kim, C. S. (2005). Analysis of patient repositioning accuracy in precision radiation therapy using automated image fusion. *Journal of Applied Clinical Medical Physics, 6*(1), 71-83.

Roberge, D., Petrecca, K., El Refae, M., & Souhami, L. (2009). Whole-brain radiotherapy and tumor bed radiosurgery following resection of solitary brain metastases. *Journal of Neuro-Oncology, 95*(1), 95-99.

Robinson CG, Bradley JD. The Treatment of Early-Stage Disease. *Semin Radiat Oncol.* 2010 Jul;20(3):178- 185. *Washington University School of Medicine. St. Louis*

Roche, P. H., Khalil, M., Thomassin, J. M., Delsanti, C., & Regis, J. (2008). Surgical removal of vestibular schwannoma after failed gamma knife radiosurgery. *Progress in Neurological Surgery, 21*, 152-157.

Roche, P. H., Lubrano, V., Noudel, R., Melot, A., & Regis, J. (2011). Decision making for the surgical approach of posterior petrous bone meningiomas. *Neurosurgical Focus, 30*(5), E14.

Rock JP, Ryu S, Yin FF, Schreiber F, Abdulhak M. The evolving role of stereotactic radiosurgery and stereotactic radiation therapy for patients with spine tumors. *J Neurooncol*. 2004 Aug-Sep;69(1-3):319-34. *Henry Ford Hospital, Detroit*

Rock JP, Ryu S, Yin FF. Novalis radiosurgery for metastatic spine tumors. *Neurosurg Clin N Am.* 2004 Oct;15(4):503-9. *Henry Ford Hospital, Detroit*

Romanelli, P., Conti, A., Pontoriero, A., Ricciardi, G. K., Tomasello, F., De Renzis, C., . . . Cantore, G. (2009). Role of stereotactic radiosurgery and fractionated stereotactic radiotherapy for the treatment of recurrent glioblastoma multiforme. *Neurosurgical Focus, 27*(6), E8.

Romanelli, P., Wowra, B., & Muacevic, A. (2007). Multisession CyberKnife radiosurgery for optic nerve sheath meningiomas. *Neurosurgical Focus, 23*(6), E11.

Rønde HS, Hoffmann L. Validation of Varian's AAA algorithm with focus on lung treatments. *Acta Oncol.* 2009;48(2):209-15. *Aarhus University Hospital, Aarhus, Denmark*

Rosca F, Lorenz F, Hacker FL, Chin LM, Ramakrishna N, Zygmanski P. An MLC-based linac QA procedure for the characterization of radiation isocenter and room lasers' position. *Med Phys*. 2006 Jun;33(6):1780-7. *Brigham and Women's Hospital and Harvard Medical School, Boston*

Ross, D. A., Sandler, H. M., Balter, J. M., Hayman, J. A., Archer, P. G., & Auer, D. L. (2002). Imaging changes after stereotactic radiosurgery of primary and secondary malignant brain tumors. *Journal of Neuro-Oncology, 56*(2), 175-181. Rowe, J. G., Radatz, M., Walton, L., & Kemeny, A. A. (2002). Stereotactic radiosurgery for type 2 neurofibromatosis acoustic neuromas: Patient selection and tumour size. *Stereotactic & Functional Neurosurgery, 79*(2), 107-116.

Rowe, J. G., Radatz, M. W., Walton, L., Soanes, T., Rodgers, J., & Kemeny, A. A. (2003). Clinical experience with gamma knife stereotactic radiosurgery in the management of vestibular schwannomas secondary to type 2 neurofibromatosis. *Journal of Neurology, Neurosurgery & Psychiatry, 74*(9), 1288-1293.

Ruge, M. I., Kocher, M., Maarouf, M., Hamisch, C., Treuer, H., Voges, J., & Sturm, V. (2011). Comparison of stereotactic brachytherapy (125 iodine seeds) with stereotactic radiosurgery (LINAC) for the treatment of singular cerebral metastases. *Strahlentherapie Und Onkologie, 187*(1), 7-14.

Ruggieri, R., Naccarato, S., & Nahum, A. E. (2010). Severe hypofractionation: Non-homogeneous tumour dose delivery can counteract tumour hypoxia. *Acta Oncologica, 49*(8), 1304-1314.

Rule W, Timmerman R, Tong L, Abdulrahman R, Meyer J, Boike T, Schwarz RE, Weatherall P, Chinsoo Cho L. Phase I Dose-Escalation Study of Stereotactic Body Radiotherapy in Patients With Hepatic Metastases. *Ann Surg Oncol*. 2010 Nov 3. *University of Texas Southwestern, Dallas*, [Epub ahead of print]

Rule, W., Timmerman, R., Tong, L., Abdulrahman, R., Meyer, J., Boike, T., . . . Chinsoo Cho, L. (2011). Phase I dose-escalation study of stereotactic body radiotherapy in patients with hepatic metastases. *Annals of Surgical Oncology, 18*(4), 1081-1087.

Rusthoven KE, Hammerman SF, Kavanagh BD, BirtwhistleMJ, Stares M, Camidge DR. Is there a role for consolidative stereotactic body radiation therapy following first-line systemic therapy for metastatic lung cancer? A patterns-of-failure analysis. *Acta Oncol*. 2009;48(4):578-83. *University of Colorado Comprehensive Cancer Center, Denver*

Rusthoven, K. E., Hammerman, S. F., Kavanagh, B. D., Birtwhistle, M. J., Stares, M., & Camidge, D. R. (2009). Is there a role for consolidative stereotactic body radiation therapy following first-line systemic therapy for metastatic lung cancer? A patterns-of-failure analysis. *Acta Oncologica, 48*(4), 578-583.

Rutten, I., Baumert, B. G., Seidel, L., Kotolenko, S., Collignon, J., Kaschten, B., . . . Stevenaert, A. (2007). Long-term follow-up reveals low toxicity of radiosurgery for vestibular schwannoma. *Radiotherapy & Oncology, 82*(1), 83-89.

Ryu S, Rock J, Jain R, Lu M, Anderson J, et al. Radiosurgical decompression of metastatic epidural compression. Cancer. 2010 May 1;116(9):2250-7.

Ryu S, Fang Yin F, Rock J, Zhu J, Chu A, Kagan E, Rogers L, Ajlouni M, Rosenblum M, Kim JH. Imageguided and intensity-modulated radiosurgery for patients with spinal metastasis. *Cancer*. 2003 Apr 15;97(8):2013-8. *Henry Ford Hospital, Detroit*

Ryu S, Jin JY, Jin R, Rock J, Ajlouni M, Movsas B, Rosenblum M, Kim JH. Partial volume tolerance of the spinal cord and complications of single-dose radiosurgery. *Cancer*. 2007 Feb 1;109(3):628-36. *Henry Ford Hospital, Detroit*

Ryu, S., Fang Yin, F., Rock, J., Zhu, J., Chu, A., Kagan, E., . . . Kim, J. H. (2003). Image-guided and intensity-modulated radiosurgery for patients with spinal metastasis. *Cancer, 97*(8), 2013-2018.

Saconn, P. A., Shaw, E. G., Chan, M. D., Squire, S. E., Johnson, A. J., McMullen, K. P., . . . Munley, M. T. (2010). Use of 3.0-T MRI for stereotactic radiosurgery planning for treatment of brain metastases: A single-institution retrospective review. *International Journal of Radiation Oncology, Biology, Physics, 78*(4), 1142-1146.

Sahgal A, Bilsky M, Chang EL, Ma L, Yamada Y, Rhines LD, et al. (2011). Stereotactic body radiotherapy for spinal metastases: Current status, with a focus on its application in the postoperative patient. *J Neurosurg Spine, 14*(2):151-166.

Sahgal A, Ma L, Chang E, Shiu A, Larson DA, Laperriere N, Yin FF, Tsao M, Menard C, Basran PS, Létourneau D, Heydarian M, Beachey D, Shukla V, Cusimano M, Hodaie M, Zadeh G, Bernstein M, Schwartz M. Advances in technology for intracranial stereotactic radiosurgery. *Technol Cancer Res Treat.* 2009 Aug;8(4):271-80. includes *Duke University Medical Center, Durham, NC*

Samblas, J. M., Sallabanda, K., Bustos, J. C., Gutierrez-Diaz, J. A., Peraza, C., Beltran, C., & Samper, P. M. (2009). Radiosurgery and whole brain therapy in the treatment of brainstem metastases. *Clinical & Translational Oncology: Official Publication of the*

Federation of Spanish Oncology Societes & of the National Cancer Institute of Mexico, 11(10), 677-680.

Sanders, M. K., Moser, A. J., Khalid, A., Fasanella, K. E., Zeh, H. J., Burton, S., & McGrath, K. (2010). EUS-guided fiducial placement for stereotactic body radiotherapy in locally advanced and recurrent pancreatic cancer. *Gastrointestinal Endoscopy, 71*(7), 1178-1184.

Sandooram, D., Grunfeld, E. A., McKinney, C., & Gleeson, M. J. (2004). Quality of life following microsurgery, radiosurgery and conservative management for unilateral vestibular schwannoma. *Clinical Otolaryngology & Allied Sciences, 29*(6), 621-627.

Saw CB, Heron DE, Huq MS. Image-guided radiation therapy: part 3 - stereotactic body radiation therapy. *Med Dosim*. 2007 Summer;32(2):69-70. *University of Pittsburgh Medical Center*

Saw CB, Heron DE, Yue NJ, Huq MS. Cone-beam imaging and respiratory motion (IGRT)-part II. *Med Dosim*. 2006 Summer;31(2):89-90. *University of Pittsburgh Medical Center.*

Saw CB, Yang Y, Li F, Yue NJ, Ding C, Komanduri K, Huq S, Heron DE. Performance characteristics and quality assurance aspects of kilovoltage cone-beam CT on medical linear accelerator. *Med Dosim*. 2007 Summer;32(2):80-5. *University of Pittsburgh Medical Center*

Sawant A, Venkat R, Srivastava V, Carlson D, Povzner S, Cattell H, Keall P. Management of threedimensional intrafraction motion through real-time DMLC tracking. *Med Phys.* 2008 May;35(5):2050-61. *Stanford University, Stanford, California*

Sawrie, S. M., Guthrie, B. L., Spencer, S. A., Nordal, R. A., Meredith, R. F., Markert, J. M., . . . Fiveash, J. B. (2008). Predictors of distant brain recurrence for patients with newly diagnosed brain metastases treated with stereotactic radiosurgery alone. *International Journal of Radiation Oncology, Biology, Physics, 70*(1), 181-186.

Sawrie, S.M.G., B. L.; Spencer, S. A.; Nordal, R. A.; Meredith, R. F.; Markert, J. M.; Cloud, G. A.; Fiveash, J. B., Predictors of distant brain recurrence for patients with newly diagnosed brain metastases treated with stereotactic radiosurgery alone. International Journal of Radiation Oncology, Biology, Physics, 2008. 70(1): p. 181-6.

Scarbrough, T. J., Crocker, I. R., Davis, L. W., Barrow, D. L., Fowler, B. Z., & Oyesiku, N. M. (2005). Intracranial arteriovenous malformations treated utilizing a linear accelerator-based patient rotator or commercially available radiosurgery system. *Stereotactic & Functional Neurosurgery, 83*(2-3), 91-100.

Scheib, S. G., Gianolini, S., Lomax, N. J., & Mack, A. (2004). High precision radiosurgery and technical standards. *Acta Neurochirurgica - Supplement, 91*, 9-23.

Schlaefer, A., & Dieterich, S. (2011). Feasibility of case-based beam generation for robotic radiosurgery. *Artificial Intelligence in Medicine, 52*(2), 67-75.

Schlesinger, D., Snell, J., & Sheehan, J. (2006). Shielding strategies for gamma knife surgery of pituitary adenomas. *Journal of Neurosurgery, 105*(Suppl), 241-248.

Schoonbeek A, Monshouwer R, Hanssens P, Raaijmakers E, Nowak P, Marijnissen JP, Lagerwaard FJ, Cuijpers JP, Vonk EJ, van der Maazen RW. Intracranial radiosurgery in the Netherlands. A planning comparison of available systems with regard to physical aspects and workload. *Technol Cancer Res Treat.* 2010 Jun;9(3):279-90 *Radboud University Nijmegen Medical Centre, Nijmegen* and *VU Amsterdam.*

Schoonbeek, A., Monshouwer, R., Hanssens, P., Raaijmakers, E., Nowak, P., Marijnissen, J. P., . . . van der Maazen, R. W. (2010). Intracranial radiosurgery in the netherlands. A planning comparison of available systems with regard to physical aspects and workload. *Technology in Cancer Research & Treatment, 9*(3), 279-290.

Scorsetti M, Mancosu P, Navarria P, Tozzi A, Castiglioni S, Clerici E, et al. (2011). SBRT for adrenal metastases: A feasibility study of advanced techniques with modulated photons and protons. *Strahlenther Onkol*, *187*(4), 238-44.

Scorsetti, M., Facoetti, A., Navarria, P., Bignardi, M., De Santis, M., Ninone, S. A., . . . Del Vecchio, M. (2009). Hypofractionated stereotactic radiotherapy and radiosurgery for the treatment of patients with radioresistant brain metastases. *Anticancer Research, 29*(10), 4259-4263.

Seedat, R. Y., Claassen, A. J., & Mol, D. A. (2002). Incidence and management of acoustic neuromas in south africa. *Otology & Neurotology, 23*(6), 996-998.

Seki, S., Kunieda, E., Takeda, A., Nagaoka, T., Deloar, H. M., Kawase, T., . . . Kubo, A. (2007). Differences in the definition of internal target volumes using slow CT alone or in combination with thin-slice CT under breath-holding conditions during the planning of stereotactic radiotherapy for lung cancer. *Radiotherapy & Oncology, 85*(3), 443-449.

Selch MT, Ahn E, Laskari A, Lee SP, Agazaryan N, Solberg TD, Cabatan-Awang C, Frighetto L, Desalles AA. Stereotactic radiotherapy for treatment of cavernous sinus meningiomas. *Int J Radiat Oncol Biol Phys.* 2004 May 1;59(1):101-11. *UCLA, Los Angeles*

Selch, M. T., Ahn, E., Laskari, A., Lee, S. P., Agazaryan, N., Solberg, T. D., . . . Desalles, A. A. (2004). Stereotactic radiotherapy for treatment of cavernous sinus meningiomas. *International Journal of Radiation Oncology, Biology, Physics, 59*(1), 101-111.

Serizawa, T. (2009). Metastatic brain tumors: Lung cancer. *Progress in Neurological Surgery, 22*, 142-153.

Serizawa, T. (2009). Radiosurgery for metastatic brain tumors. *International Journal of Clinical Oncology, 14*(4), 289-298.

Serizawa, T., Higuchi, Y., Ono, J., Matsuda, S., Nagano, O., Iwadate, Y., & Saeki, N. (2006). Gamma knife surgery for metastatic brain tumors without prophylactic whole-brain

radiotherapy: Results in 1000 consecutive cases. *Journal of Neurosurgery, 105*(Suppl), 86-90.

Serizawa, T., Hirai, T., Nagano, O., Higuchi, Y., Matsuda, S., Ono, J., & Saeki, N. (2010). Gamma knife surgery for 1-10 brain metastases without prophylactic whole-brain radiation therapy: Analysis of cases meeting the japanese prospective multi-institute study (JLGK0901) inclusion criteria. *Journal of Neuro-Oncology, 98*(2), 163-167.

Serizawa, T., Metastatic brain tumors: lung cancer. Prog Neurol Surg, 2009. 22: p. 142- 53.

Serizawa, T., Ono, J., Iichi, T., Matsuda, S., Sato, M., Odaki, M., . . . Yamaura, A. (2002). Gamma knife radiosurgery for metastatic brain tumors from lung cancer: A comparison between small cell and non-small cell carcinoma. *Journal of Neurosurgery, 97*(5 Suppl), 484-488.

Serizawa, T., Saeki, N., Higuchi, Y., Ono, J., Iuchi, T., Nagano, O., & Yamaura, A. (2005). Gamma knife surgery for brain metastases: Indications for and limitations of a local treatment protocol. *Acta Neurochirurgica, 147*(7), 721-726.

Serizawa, T., Yamamoto, M., Nagano, O., Higuchi, Y., Matsuda, S., Ono, J., . . . Saeki, N. (2008). Gamma knife surgery for metastatic brain tumors. *Journal of Neurosurgery, 109*(Suppl), 118-121.

Serizawa, T., Yamamoto, M., Sato, Y., Higuchi, Y., Nagano, O., Kawabe, T., . . . Hirai, T. (2010). Gamma knife surgery as sole treatment for multiple brain metastases: 2-center retrospective review of 1508 cases meeting the inclusion criteria of the JLGK0901 multi-institutional prospective study. *Journal of Neurosurgery, 113*(Suppl), 48-52.

Serizawa, T.H., T.; Nagano, O.; Higuchi, Y.; Matsuda, S.; Ono, J.; Saeki, N., Gamma knife surgery for 1-10 brain metastases without prophylactic whole-brain radiation therapy: analysis of cases meeting the Japanese prospective multi-institute study (JLGK0901) inclusion

Serizawa, T.O., J.; Iuchi, T.; Matsuda, S.; Sato, M.; Odaki, M.; Hirai, S.; Osato, K.; Saeki, N.; Yamaura, A., Gamma knife radiosurgery for metastatic brain tumors from lung cancer. Japanese Journal of Neurosurgery, 2003. 12(1): p. 3-9.

Serizawa, T.O., Junichi; Iichi, Toshihiko; Matsuda, Shinji; Sato, Makoto; Odaki, Masaru; Hirai, Shinji; Osato, Katsunobu; Saeki, Naokatsu; Yamaura, Akira, Gamma knife radiosurgery for metastatic brain tumors from lung cancer: a comparison between small cell and non-small cell carcinoma. Journal of neurosurgery, 2002. 97(5Suppl): p. 484-8.

Serizawa, T.S., N.; Higuchi, Y.; Ono, J.; Iuchi, T.; Nagano, O.; Yamaura, A. Gamma knife surgery for brain metastases: indications for and limitations of a local treatment protocol. 2005 Date created: 2005/06/22/]; 7:[721-6].

Serizawa, T.Y., M.; Nagano, O.; Higuchi, Y.; Matsuda, S.; Ono, J.; Iwadate, Y.; Saeki, N., Gamma Knife surgery for metastatic brain tumors. Journal of Neurosurgery, 2008. 109 Suppl: p. 118-21.

Serizawa, T.Y., M.; Sato, Y.; Higuchi, Y.; Nagano, O.; Kawabe, T.; Matsuda, S.; Ono, J.; Saeki, N.; Hatano, M.; Hirai, T., Gamma Knife surgery as sole treatment for multiple brain metastases: 2-center retrospective review of 1508 cases meeting the inclusion criteria of the JLGK0901 multi-institutional prospective study. Journal of Neurosurgery, 2010. 113 Suppl: p. 48-52.

Seuntjens, J., & Verhaegen, F. (2003). Comments on 'ionization chamber dosimetry of small photon fields: A monte carlo study on stopping-power ratios for radiosurgery and IMRT beams'. *Physics in Medicine & Biology, 48*(21), 43-45.

Shaffer R, Morris WJ, Moiseenko V, Welsh M, Crumley C, Nakano S, Schmuland M, Pickles T, Otto K. Volumetric modulated Arc therapy and conventional intensity-modulated radiotherapy for simultaneous maximal intraprostatic boost: a planning comparison study. *Clin Oncol (R Coll Radiol).* 2009 Jun;21(5):401-7. *British Columbia Cancer Agency, Vancouver, British Columbia, Canada.*

Sharma, B. S., Ahmad, F. U., Chandra, P. S., & Mahapatra, A. K. (2008). Trigeminal schwannomas: Experience with 68 cases. *Journal of Clinical Neuroscience, 15*(7), 738-743.

Sharma, M. S., Singh, R., Kale, S. S., Agrawal, D., Sharma, B. S., & Mahapatra, A. K. (2010). Tumor control and hearing preservation after gamma knife radiosurgery for vestibular schwannomas in neurofibromatosis type 2. *Journal of Neuro-Oncology, 98*(2), 265-270.

Sharma, S., Ott, J., Williams, J., & Dickow, D. (2011). Dose calculation accuracy of the monte carlo algorithm for CyberKnife compared with other commercially available dose calculation algorithms. *Medical Dosimetry, 36*(4), 347-350.

Sheehan JP, Niranjan A, Sheehan JM, Jane JA Jr, Laws ER, Kondziolka D, Flickinger J, 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;102(4):678.

Sheehan, J. P., Kondziolka, D., Flickinger, J., & Lunsford, L. D. (2003). Radiosurgery for nonfunctioning pituitary adenoma. *Neurosurgical Focus, 14*(5), e9.

Sheehan, J. P., Sun, M. H., Kondziolka, D., Flickinger, J., & Lunsford, L. D. (2002). 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. *Journal of Neurosurgery, 97*(6), 1276-1281.

Sheehan, J. P., Yen, C. P., Nguyen, J., Rainey, J. A., Dassoulas, K., & Schlesinger, D. J. (2011). Timing and risk factors for new brain metastasis formation in patients initially treated only with gamma knife surgery. clinical article. *Journal of Neurosurgery, 114*(3), 763-768.

Sheehan, J., Yen, C. P., & Steiner, L. (2006). Gamma knife surgery-induced meningioma. report of two cases and review of the literature. *Journal of Neurosurgery, 105*(2), 325-329.

Sheehan, J., Yen, C. P., Arkha, Y., Schlesinger, D., & Steiner, L. (2007). Gamma knife surgery for trigeminal schwannoma. *Journal of Neurosurgery, 106*(5), 839-845.

Sheehan, J.P.S., Ming Hsi; Kondziolka, Douglas; Flickinger, John; Lunsford, L. Dade, 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. Journal of neurosurgery, 2002. 97(6): p. 1276-81.

Sheehan, J.P.Y., C. P.; Nguyen, J.; Rainey, J. A.; Dassoulas, K.; Schlesinger, D. J., Timing and risk factors for new brain metastasis formation in patients initially treated only with Gamma Knife surgery. Clinical article. Journal of Neurosurgery, 2011. 114(3): p. 763-8.

Sheng, K., Jones, R., Yang, W., Saraiya, S., Schneider, B., Chen, Q., . . . Read, P. (2012). 3D dose verification using tomotherapy CT detector array. *International Journal of Radiation Oncology, Biology, Physics, 82*(2), 1013-1020.

Shiu, A., Parker, B., Ye, J. S., & Lii, J. (2003). An integrated treatment delivery system for CSRS and CSRT and clinical applications. *Journal of Applied Clinical Medical Physics, 4*(4), 261-273.

Shrieve DC, Hazard L, Boucher K, Jensen RL. Dose fractionation in stereotactic radiotherapy for parasellar meningiomas: radiobiological considerations of efficacy and optic nerve tolerance. *J Neurosurg*. 2004 Nov;101 Suppl 3:390-5. *University of Utah, Salt Lake City*

Shrieve DC, Klish M, Wendland MM, Watson GA. Basic principles of radiobiology, radiotherapy, and radiosurgery. *Neurosurg Clin N Am.* 2004 Oct;15(4):467-79,. Review. *University of Utah, Salt Lake City*

Shtraus, N., Schifter, D., Corn, B. W., Maimon, S., Alani, S., Frolov, V., . . . Kanner, A. A. (2010). Radiosurgical treatment planning of AVM following embolization with onyx: Possible dosage error in treatment planning can be averted. *Journal of Neuro-Oncology, 98*(2), 271-276.

Shuto, T., Fujino, H., Asada, H., Inomori, S., & Nagano, H. (2003). Gamma knife radiosurgery for metastatic tumours in the brain stem. *Acta Neurochirurgica, 145*(9), 755-760.

Shuto, T., Matsunaga, S., Suenaga, J., Inomori, S., & Fujino, H. (2010). Treatment strategy for metastatic brain tumors from renal cell carcinoma: Selection of gamma knife surgery or craniotomy for control of growth and peritumoral edema. *Journal of Neuro-Oncology, 98*(2), 169-175.

Shuto, T.M., S.; Suenaga, J.; Inomori, S.; Fujino, H., Treatment strategy for metastatic brain tumors from renal cell carcinoma: selection of gamma knife surgery or craniotomy for control of growth and peritumoral edema. Journal of Neuro-Oncology, 2010. 98(2): p. 169-75.

Sidhu, K., Cooper, P., Ramani, R., Schwartz, M., Franssen, E., & Davey, P. (2004). Delineation of brain metastases on CT images for planning radiosurgery: Concerns regarding accuracy. *British Journal of Radiology, 77*(913), 39-42.

Simonova, G., Novotny, J.,Jr, & Liscak, R. (2005). Low-grade gliomas treated by fractionated gamma knife surgery. *Journal of Neurosurgery, 102*(Suppl), 19-24.

Sin, A. H., Cardenas, R. J., Vannemreddy, P., & Nanda, A. (2009). Gamma knife stereotactic radiosurgery for intracranial metastases from conventionally radioresistant primary cancers: Outcome analysis of survival and control of brain disease. *Southern Medical Journal, 102*(1), 42-44.

Sin, A.H.C., R. J.; Vannemreddy, P.; Nanda, A., Gamma Knife stereotactic radiosurgery for intracranial metastases from conventionally radioresistant primary cancers: outcome analysis of survival and control of brain disease. Southern Medical Journal, 2009. 102(1): p. 42-4.

Siu, T. L., Jeffree, R. L., & Fuller, J. W. (2011). Current strategies in the surgical management of cerebral metastases: An evidence-based review. *Journal of Clinical Neuroscience, 18*(11), 1429-1434.

Siva, S., MacManus, M., & Ball, D. (2010). Stereotactic radiotherapy for pulmonary oligometastases: A systematic review. *Journal of Thoracic Oncology: Official Publication of the International Association for the Study of Lung Cancer, 5*(7), 1091-1099.

Skeie, B.S.S., G. O.; Enger, P. O.; Ganz, J. C.; Heggdal, J. I.; Ystevik, B.; Hatteland, S.; Parr, E.; Pedersen, P. H., Gamma knife surgery in brain melanomas: absence of extracranial metastases and tumor volume strongest indicators of prolonged survival. World Neurosurg, 2011. 75(5-6): p. 684-91; discussion 598-603.

Slotman BJ, Lagerwaard FJ, Senan S. 4D imaging for target definition in stereotactic radiotherapy for lung cancer. *Acta Oncol.* 2006;45(7):966-72. *VU University Medical Center, Amsterdam*

Soete G, De Cock M, Verellen D, Michielsen D, Keuppens F, Storme G. X-ray-assisted positioning of patients treated by conformal arc radiotherapy for prostate cancer: Comparison of setup accuracy using implanted markers versus bony structures. *Int J Radiat Oncol Biol Phys.* 2007 Mar 1;67(3):823-7. *Academic Hospital Free University of Brussels, Brussels*

Soete G, De Cock M, Verellen D, Michielsen D, Keuppens F, Storme G. X-ray-assisted positioning of patients treated by conformal arc radiotherapy for prostate cancer: Comparison of setup accuracy using implanted markers versus bony structures. *Int J Radiat Oncol Biol Phys.* 2007 Mar 1;67(3):823-7. *Academic Hospital Free University of Brussels, Brussels*

Soete G, Verellen D, Tournel K, Storme G. Setup accuracy of stereoscopic X-ray positioning with automated correction for rotational errors in patients treated with conformal arc

radiotherapy for prostate cancer. *Radiother Oncol.* 2006 Sep;80(3):371-3. *Vrije Universiteit Brussel, BE*.

Soffietti, R., Cornu, P., Delattre, J. Y., Grant, R., Graus, F., Grisold, W., . . . Vecht, C. (2006). EFNS guidelines on diagnosis and treatment of brain metastases: Report of an EFNS task force. *European Journal of Neurology, 13*(7), 674-681.

Soisson, E. T., Mehta, M. P., & Tome, W. A. (2011). A comparison of helical tomotherapy to circular collimator-based linear-accelerator radiosurgery for the treatment of brain metastases. *American Journal of Clinical Oncology, 34*(4), 388-394.

Solberg TD, Goetsch SJ, Selch MT, Melega W, Lacan G, DeSalles AA. Functional stereotactic radiosurgery involving a dedicated linear accelerator and gamma unit: a comparison study. *J Neurosurg*. 2004 Nov;101 Suppl 3:373-80. *UCLA, Los Angeles*

Solberg TD, Medin PM, Mullins J, Li S. Quality assurance of immobilization and target localization systems for frameless stereotactic cranial and extracranial hypofractionated radiotherapy. *Int J Radiat Oncol Biol Phys.* 2008;71(1 Suppl):S131-5. *University of Nebraska Medical Center, Omaha*

Solberg, T. D., Goetsch, S. J., Selch, M. T., Melega, W., Lacan, G., & DeSalles, A. A. (2004). Functional stereotactic radiosurgery involving a dedicated linear accelerator and gamma unit: A comparison study. *Journal of Neurosurgery, 101*(Suppl 3), 373-380.

Song, D. Y., Kavanagh, B. D., Benedict, S. H., & Schefter, T. (2004). Stereotactic body radiation therapy. rationale, techniques, applications, and optimization. *Oncology (Williston Park), 18*(11), 1419-1430.

Song, K. S., Phi, J. H., Cho, B. K., Wang, K. C., Lee, J. Y., Kim, D. G., . . . Kim, S. K. (2010). Long-term outcomes in children with glioblastoma. *Journal of Neurosurgery.Pediatrics, 6*(2), 145-149.

Sonke, J. J., Rossi, M., Wolthaus, J., van Herk, M., Damen, E., & Belderbos, J. (2009). Frameless stereotactic body radiotherapy for lung cancer using four-dimensional cone beam CT guidance. *International Journal of Radiation Oncology, Biology, Physics, 74*(2), 567-574.

Soon, Y. Y., Tham, W. I., Lim, K. H., Koh, Y. W., & Lu, J. J. (2011). Surgery or radiosurgery plus whole brain radiotherapy versus surgery or radiosurgery alone for brain metastases. *Cochrane Database of Systematic Reviews, 11*

Sotiropoulou, E., Stathochristopoulou, I., Stathopoulos, K., Verigos, K., Salvaras, N., & Thanos, L. (2010). CT-guided fiducial placement for cyberknife stereotactic radiosurgery: An initial experience. *Cardiovascular & Interventional Radiology, 33*(3), 586-589.

Spyropoulou D, Kardamakis D Review of hypofractionated radiotherapy for prostate cancer. ISRN Oncol. 2012;2012:410892

Stanford, J., Gardner, S., Schwartz, M. L., & Davey, P. (2011). Does the surgical resection of a brain metastasis alter the planning and subsequent local control achieved with radiosurgery prescribed for recurrence at the operated site?. *British Journal of Neurosurgery, 25*(4), 488-491.

Stanley, J., Breitman, K., Dunscombe, P., Spencer, D. P., & Lau, H. (2011). Evaluation of stereotactic radiosurgery conformity indices for 170 target volumes in patients with brain metastases. *Journal of Applied Clinical Medical Physics, 12*(2), 3449.

Starke, R. M., Nguyen, J. H., Rainey, J., Williams, B. J., Sherman, J. H., Savage, J., . . . Sheehan, J. P. (2011). Gamma knife surgery of meningiomas located in the posterior fossa: Factors predictive of outcome and remission. *Journal of Neurosurgery, 114*(5), 1399-1409.

Stauder, M. C., Macdonald, O. K., Olivier, K. R., Call, J. A., Lafata, K., Mayo, C. S., . . . Garces, Y. I. (2011). Early pulmonary toxicity following lung stereotactic body radiation therapy delivered in consecutive daily fractions. *Radiotherapy & Oncology, 99*(2), 166-171.

Steiger, H. J., & Hanggi, D. (2008). Microsurgery or radiosurgery for cerebral arteriovenous malformations? A study of two paired series. *Neurosurgery, 63*(2), E376.

Stephans KL, Djemil T, Reddy CA, Gajdos SM, Kolar M, Machuzak M, Mazzone P, Videtic GM. Comprehensive Analysis of Pulmonary Function Test (PFT) Changes After Stereotactic Body Radiotherapy (SBRT) for Stage I Lung Cancer in Medically Inoperable Patients. *J Thorac Oncol*. 2009 Jul;4(7):838-44. *Cleveland Clinic Foundations, Cleveland, OH*

Stern, R. L., Perks, J. R., Pappas, C. T., Boggan, J. E., & Chen, A. Y. (2008). The option of linac-based radiosurgery in a gamma knife radiosurgery center. *Clinical Neurology & Neurosurgery, 110*(10), 968-972.

Stern, R.L.P., J. R.; Pappas, C. T.; Boggan, J. E.; Chen, A. Y., The option of Linac-based radiosurgery in a Gamma Knife radiosurgery center. Clinical Neurology and Neurosurgery, 2008. 110(10): p. 968-72.

Sterzing, F., Herfarth, K., & Debus, J. (2007). IGRT with helical tomotherapy--effort and benefit in clinical routine. *Strahlentherapie Und Onkologie, 183*(Spec 2), 35-37.

Stewart JG, Sawrie SM, Bag A, Han X, Fiveash JB. Management of brain metastases. *Curr Treat Options Neurol*. 2010 Jul;12(4):334-46. *University of Alabama at Birmingham, Birmingham, AL*

Stieber VW, Bourland JD, Tome WA, Mehta MP. Gentlemen (and ladies), choose your weapons: Gamma knife vs. linear accelerator radiosurgery. *Technol Cancer Res Treat.* 2003 Apr;2(2):79-86. *Wake Forest University, Winston-Salem, NC*

Stieber, V. W., Bourland, J. D., Tome, W. A., & Mehta, M. P. (2003). Gentlemen (and ladies), choose your weapons: Gamma knife vs. linear accelerator radiosurgery. *Technology in Cancer Research & Treatment, 2*(2), 79-86.

Stock M, Kontrisova K, Dieckmann K, Bogner J, Poetter R, Georg D. Development and application of a realtime monitoring and feedback system for deep inspiration breath hold based on external marker tracking. *Med Phys.* 2006 Aug;33(8):2868-77. *Medical University Vienna, Vienna, AT*

Strassner, C., Buhl, R., & Mehdorn, H. M. (2009). Recurrence of intracranial meningiomas: Did better methods of diagnosis and surgical treatment change the outcome in the last 30 years?. *Neurological Research, 31*(5), 478-482.

Suki, D., Abouassi, H., Patel, A. J., Sawaya, R., Weinberg, J. S., & Groves, M. D. (2008). Comparative risk of leptomeningeal disease after resection or stereotactic radiosurgery for solid tumor metastasis to the posterior fossa. *Journal of Neurosurgery, 108*(2), 248-257.

Suki, D., Hatiboglu, M. A., Patel, A. J., Weinberg, J. S., Groves, M. D., Mahajan, A., & Sawaya, R. (2009). Comparative risk of leptomeningeal dissemination of cancer after surgery or stereotactic radiosurgery for a single supratentorial solid tumor metastasis. *Neurosurgery, 64*(4), 664-674.

Sun, D. Q., Cheng, J. J., Frazier, J. L., Batra, S., Wand, G., Kleinberg, L. R., . . . Lim, M. (2010). Treatment of pituitary adenomas using radiosurgery and radiotherapy: A single center experience and review of literature. *Neurosurgical Review, 34*(2), 181-189.

Sun, S., Liu, A., & Wang, C. (2009). Gamma knife radiosurgery for recurrent and residual meningeal hemangiopericytomas. *Stereotactic & Functional Neurosurgery, 87*(2), 114-119.

Sun, S., Liu, A., Wang, C., Luo, B., & Wang, M. (2006). Clinical analysis of gamma knife surgery for trigeminal schwannomas. *Journal of Neurosurgery, 105*(Suppl), 144-148.

Surber G, Hamm K, Kleinert G. Significance of different conformity indices for evaluation of radiosurgery treatment plans for vestibular schwannomas. *J Neurosurg.* 2004 Nov;101 Suppl 3:334-40. *Helios Klinikum Erfurt, Germany (also in Vestibular Schwannomas)*

Sweeney, P., Yajnik, S., Hartsell, W., Bovis, G., & Venkatesan, J. (2009). Stereotactic radiotherapy for vestibular schwannoma. *Otolaryngologic Clinics of North America, 42*(4), 655-663.

Swords, F. M., Allan, C. A., Plowman, P. N., Sibtain, A., Evanson, J., Chew, S. L., . . . Monson, J. P. (2003). Stereotactic radiosurgery XVI: A treatment for previously irradiated pituitary adenomas. *Journal of Clinical Endocrinology & Metabolism, 88*(11), 5334-5340.

Szumacher, E., Schwartz, M. L., Tsao, M., Jaywant, S., Franssen, E., Wong, C. S., . . . Laperriere, N. J. (2002). Fractionated stereotactic radiotherapy for the treatment of vestibular schwannomas: Combined experience of the toronto-sunnybrook regional cancer centre and the princess margaret hospital. *International Journal of Radiation Oncology, Biology, Physics, 53*(4), 987-991.

Takanashi, M., Fukuoka, S., Hojyo, A., Sasaki, T., Nakagawara, J., & Nakamura, H. (2009). Gamma knife radiosurgery for skull-base meningiomas. *Progress in Neurological Surgery, 22*, 96-111.

Takeda, A., Kunieda, E., Shigematsu, N., Hossain, D. M., Kawase, T., Ohashi, T., . . . Kubo, A. (2005). Small lung tumors: Long-scan-time CT for planning of hypofractionated stereotactic radiation therapy--initial findings. *Radiology, 237*(1), 295-300.

Tanyi JA, Kato CM, Chen Y, Chen Z, Fuss M. Impact of the high-definition multileaf collimator on linear accelerator- based intracranial stereotactic radiosurgery. *Br J Radiol*. 2010 Oct 5. *Oregon Health and Science University, Portland* [Epub ahead of print]

Tanyi JA, Summers PA, McCracken CL, Chen Y, Ku LC, Fuss M. Implications of a high-definition multileaf collimator (HD-MLC) on treatment planning techniques for stereotactic body radiation therapy (SBRT): a planning study. *Radiat Oncol.* 2009 Jul 10;4:22. *Oregon Health & Science University, Portland, OR*

Teh BS, Ishiyama H, Mathews T, Xu B, Butler EB, Mayr NA, Lo SS, Lu JJ, Blanco AI, Paulino AC, Timmerman RD Stereotactic body radiation therapy (SBRT) for genitourinary malignancies. *Discov Med.* 2010 Sep;10(52):255-62. *The Methodist Hospital, Houston, Texas*

Teh BS, Paulino AC, Lu HH, Chiu JK, Richardson S, Chiang S, Amato R, Butler EB, Bloch C. Versatility of the Novalis system to deliver image-guided stereotactic body radiation therapy (SBRT) for various anatomical sites. *Technol Cancer Res Treat.* 2007 Aug;6(4):347-54. *The Methodist Hospital Research Institute and Baylor College of Medicine, Houston*

Tendulkar, R. D., Liu, S. W., Barnett, G. H., Vogelbaum, M. A., Toms, S. A., Jin, T., & Suh, J. H. (2006). RPA classification has prognostic significance for surgically resected single brain metastasis. *International Journal of Radiation Oncology, Biology, Physics, 66*(3), 810-817.

Tenn SE, Solberg TD, Medin PM. Targeting accuracy of an image guided gating system for stereotactic body radiotherapy. *Phys Med Biol*. 2005 Dec 7;50(23):5443-62. *UCLA, Los Angeles*

Tercier, P. A., Aroua, A., Mirimanoff, R. O., & Valley, J. F. (2004). Optimisation in stereotactic radiosurgery of AVMs: II. comparison of arc and MMLC therapy. *Zeitschrift Fur Medizinische Physik, 14*(4), 222-229.

Thariat, J., Bolle, S., Demizu, Y., Marcy, P. Y., Hu, Y., Santini, J., . . . Pommier, P. (2011). New techniques in radiation therapy for head and neck cancer: IMRT, CyberKnife, protons, and carbon ions. improved effectiveness and safety? impact on survival? *Anti-Cancer Drugs, 22*(7), 596-606.

Thomas, C., Di Maio, S., Ma, R., Vollans, E., Chu, C., Clark, B., . . . Toyota, B. (2007). Hearing preservation following fractionated stereotactic radiotherapy for vestibular

schwannomas: Prognostic implications of cochlear dose. *Journal of Neurosurgery, 107*(5), 917-926.

Timmer, F. C., Hanssens, P. E., van Haren, A. E., van Overbeeke, J. J., Mulder, J. J., Cremers, C. W., & Graamans, K. (2011). Follow-up after gamma knife radiosurgery for vestibular schwannomas: Volumetric and axial control rates. *Laryngoscope, 121*(7), 1359-1366.

Timmerman R, Galvin J, Michalski J, Straube W, Ibbott G, Martin E, Abdulrahman R, Swann S, Fowler J, Choy H. Accreditation and quality assurance for Radiation Therapy Oncology Group: Multicenter clinical trials using Stereotactic Body Radiation Therapy in lung cancer. *Acta Oncol*. 2006;45(7):779-86. *University of Texas Southwestern Medical Center, Dallas*

Timmerman R, Papiez L, Suntharalingam M.. *Technol Cancer Res Treat*. 2003 Apr;2(2):153-60. Review. *Indiana University, Indianapolis*

Timmerman RD, Bizekis CS, Pass HI, Fong Y, Dupuy DE, Dawson LA, Lu D. Local surgical, ablative, and radiation treatment of metastases. *CA Cancer J Clin.* 2009 May-Jun;59(3):145-70. Review. *University of Texas Southwestern, Dallas*

Timmerman RD, Kavanagh BD, Cho LC, Papiez L, Xing L. Stereotactic body radiation therapy in multiple organ sites. *J Clin Oncol*. 2007 Mar 10;25(8):947-52. *University of Texas Southwestern Medical Center, Dallas*

Timmerman RD, Kavanagh BD, Cho LC, Papiez L, Xing L. Stereotactic body radiation therapy in multiple organ sites. *J Clin Oncol.* 2007 Mar 10;25(8):947-52. *University of Texas Southwestern Medical Center, Dallas*

Timmerman RD, Park C, Kavanagh BD. The North American experience with stereotactic body radiation therapy in non-small cell lung cancer. *J Thorac Oncol*. 2007 Jul;2(7 Suppl 3):S101-12. *University of Texas Southwestern Medical Center, Dallas*

Timmerman RD. An overview of hypofractionation and introduction to this issue of seminars in radiation oncology. *Semin Radiat Oncol* 2008 Oct;18(4):215-22 *University of Texas Southwestern, Dallas*

Timmerman, R. D., Park, C., & Kavanagh, B. D. (2007). The north american experience with stereotactic body radiation therapy in non-small cell lung cancer. *Journal of Thoracic Oncology: Official Publication of the International Association for the Study of Lung Cancer, 2*(7 Suppl 3), S101-12.

Tinnel, B. A., Henderson, M. A., Witt, T. C., Fakiris, A. J., Worth, R. M., Des Rosiers, P. M., . . . Lo, S. S. (2008). Endocrine response after gamma knife-based stereotactic radiosurgery for secretory pituitary adenoma. *Stereotactic & Functional Neurosurgery, 86*(5), 292-296.

Tlachacova, D., Schmitt, M., Novotny, J.,Jr, Novotny, J., Majali, M., & Liscak, R. (2005). A comparison of the gamma knife model C and the automatic positioning system with leksell model B. *Journal of Neurosurgery, 102*(Suppl), 25-28.

Torcuator, R. G., Thind, R., Patel, M., Mohan, Y. S., Anderson, J., Doyle, T., . . . Mikkelsen, T. (2010). The role of salvage reirradiation for malignant gliomas that progress on bevacizumab. *Journal of Neuro-Oncology, 97*(3), 401-407.

Torshabi, A. E., Pella, A., Riboldi, M., & Baroni, G. (2010). Targeting accuracy in real-time tumor tracking via external surrogates: A comparative study. *Technology in Cancer Research & Treatment, 9*(6), 551-562.

Treuer, H., Klein, D., Maarouf, M., Lehrke, R., Voges, J., & Sturm, V. (2005). Accuracy and conformity of stereotactically guided interstitial brain tumour therapy using I-125 seeds. *Radiotherapy and Oncology : Journal of the European Society for Therapeutic Radiology and Oncology, 77*(2), 202-209.

Treuer, H., Klein, D., Maarouf, M., Lehrke, R., Voges, J., & Sturm, V. (2005). Accuracy and conformity of stereotactically guided interstitial brain tumour therapy using I-125 seeds. *Radiotherapy & Oncology, 77*(2), 202-209.

Treuer, H., Kocher, M., Hoevels, M., Hunsche, S., Luyken, K., Maarouf, M., et al. (2006). Impact of target point deviations on control and complication probabilities in stereotactic radiosurgery of AVMs and metastases. *Radiotherapy and Oncology : Journal of the European Society for Therapeutic Radiology and Oncology, 81*(1), 25-32.

Truman JP, García-Barros M, Kaag M, Hambardzumyan D, Stancevic B, Chan M, Fuks Z, Kolesnick R, Haimovitz-Friedman A. Endothelial Membrane Remodeling Is Obligate for Anti-Angiogenic Radiosensitization during Tumor Radiosurgery. *PLoS One.* 2010 Aug 19;5(8). pii: e12310. *Memorial Sloan-Kettering Cancer Center, NY*

Tryggestad, E., Christian, M., Ford, E., Kut, C., Le, Y., Sanguineti, G., . . . Kleinberg, L. (2011). Inter- and intrafraction patient positioning uncertainties for intracranial radiotherapy: A study of four frameless, thermoplastic mask-based immobilization strategies using daily cone-beam CT. *International Journal of Radiation Oncology, Biology, Physics, 80*(1), 281-290.

Tsao, M. N., Lloyd, N. S., Wong, R. K., & Supportive Care Guidelines Group of Cancer Care Ontario's Program in Evidence-based,Care. (2005). Clinical practice guideline on the optimal radiotherapeutic management of brain metastases. *BMC Cancer, 5*, 34.

Tseng, Y. J., Chang, H. H., Shiau, C. Y., Chung, W. Y., Pan, D. H., & Chu, W. C. (2003). PC-based gamma knife radiosurgery dose calculation. *IEEE Engineering in Medicine & Biology Magazine, 22*(5), 92-107.

Tuniz, F., Soltys, S. G., Choi, C. Y., Chang, S. D., Gibbs, I. C., Fischbein, N. J., & Adler, J. R.,Jr. (2009). Multisession cyberknife stereotactic radiosurgery of large, benign cranial base tumors: Preliminary study. *Neurosurgery, 65*(5), 898-907.

Ulm AJ, Friedman WA, Bova FJ, Bradshaw P, Amdur RJ, Mendenhall WM. Linear accelerator radiosurgery in the treatment of brain metastases. *Neurosurgery*. 2004 Nov;55(5):1076-85. *University of Florida, Gainesville*

Ulm, A. J., Friedman, W. A., Bova, F. J., Bradshaw, P., Amdur, R. J., & Mendenhall, W. M. (2004). Linear accelerator radiosurgery in the treatment of brain metastases. *Neurosurgery, 55*(5), 1076-1085.

Umansky, F., Shoshan, Y., Rosenthal, G., Fraifeld, S., & Spektor, S. (2008). Radiation-induced meningioma. *Neurosurgical Focus, 24*(5), E7.

Underberg RW, Lagerwaard FJ, Cuijpers JP, Slotman BJ, van Sornsen de Koste JR, Senan S. Fourdimensional CT scans for treatment planning in stereotactic radiotherapy for stage I lung cancer. *Int J Radiat Oncol Biol Phys*. 2004 Nov 15;60(4):1283-90. *VU University Medical Center, Amsterdam, NL*

Vallow, L. A. (2009). Stereotactic radiosurgery alone to treat brain metastases. *Nature Reviews Clinical Oncology, 6*(7), 377-378.

van Dam IE, van Sörnsen de Koste JR, Hanna GG, Muirhead R, Slotman BJ, Senan S. Improving target delineation on 4-dimensional CT scans in stage I NSCLC using a deformable registration tool. *Radiother Oncol.* 2010 Jul;96(1):67-72. *VU University Medical Center, Amsterdam,*

van Dam, I. E., van Sornsen de Koste, J. R., Hanna, G. G., Muirhead, R., Slotman, B. J., & Senan, S. (2010). Improving target delineation on 4-dimensional CT scans in stage I NSCLC using a deformable registration tool. *Radiotherapy & Oncology, 96*(1), 67-72.

van der Weide L, van Sörnsen de Koste JR, Lagerwaard FJ, Vincent A, van Triest B, Slotman BJ, Senan S. Analysis of carina position as surrogate marker for delivering phase-gated radiotherapy. *Int J Radiat Oncol Biol Phys.* 2008 Jul 15;71(4):1111-7. *VU University Medical Center, Amsterdam, The Netherlands.*

van Eck, A. T., & Horstmann, G. A. (2005). Increased preservation of functional hearing after gamma knife surgery for vestibular schwannoma. *Journal of Neurosurgery, 102*(Suppl), 204-206.

van Elmpt, W., Petit, S., De Ruysscher, D., Lambin, P., & Dekker, A. (2010). 3D dose delivery verification using repeated cone-beam imaging and EPID dosimetry for stereotactic body radiotherapy of non-small cell lung cancer. *Radiotherapy & Oncology, 94*(2), 188-194.

van Sörnsen de Koste JR, Cuijpers JP, de Geest FG, Lagerwaard FJ, Slotman BJ, Senan S. Verifying 4D gated radiotherapy using time-integrated electronic portal imaging: a phantom and clinical study. *Radiat Oncol*. 2007 Aug 30;2:32. *VU University medical center, Amsterdam, The Netherlands*

van Sornsen de Koste JR, Lagerwaard FJ, Nijssen-Visser MR, Graveland WJ, Senan S. Tumor location cannot predict the mobility of lung tumors: a 3D analysis of data generated from multiple CT scans. *Int J Radiat Oncol Biol Phys.* 2003 Jun 1;56(2):348-54. *VU University Medical Center, Amsterdam, NL*

van Sörnsen de Koste JR, Lagerwaard FJ, Nijssen-Visser MR, Graveland WJ, Senan S. Tumor location cannot predict the mobility of lung tumors: a 3D analysis of data generated from multiple CT scans. *Int J Radiat Oncol Biol Phys.* 2003 Jun 1;56(2):348-54. *VU University Medical Center, Amsterdam, NL*

Vandenbroucke, F., Vinh-Hung, V., Craggs, B., Buls, N., & de Mey, J. (2010). Image-guided marker placement in liver tumors for stereotactic radiotherapy: Technique and safety. *Journal of Computer Assisted Tomography, 34*(3), 367-371.

Vanetti E, Nicolini G, Clivio A, Fogliata A, Cozzi L. The impact of treatment couch modelling on RapidArc. *Phys Med Biol.* 2009 May 7;54(9):N157-66. *Oncology Institute of Southern Switzerland, Bellinzona, SZ*

Venteicher, A. S., & Patil, C. G. (2011). Early versus delayed radiotherapy for the treatment of low-grade gliomas. *Cochrane Database of Systematic Reviews, 8*

Verbakel WF, Lagerwaard FJ, Verduin AJ, Heukelom S, Slotman BJ, Cuijpers JP. The accuracy of frameless stereotactic intracranial radiosurgery. *Radiother Oncol*. 2010 Dec;97(3):390-4. *VU University Medical Center, Amsterdam, The Netherlands*

Verbakel WF, Lagerwaard FJ, Verduin AJ, Heukelom S, Slotman BJ, Cuijpers JP. The accuracy of frameless stereotactic intracranial radiosurgery. *Radiother Oncol.* 2010 Nov 1. *VU University Medical Center, Amsterdam, The Netherlands.* [Epub ahead of print]

Verbakel WF, Senan S, Cuijpers JP, Slotman BJ, Lagerwaard FJ. Rapid delivery of stereotactic radiotherapy for peripheral lung tumors using volumetric intensity-modulated arcs. *Radiother Oncol.* 2009 Oct;93(1):122- 4. *VU University Medical Center, Amsterdam*

Verellen D, Depuydt T, Gevaert T, Linthout N, Tournel K, Duchateau M, Reynders T, Storme G, De Ridder M. Gating and tracking, 4D in thoracic tumours. *Cancer Radiother.* 2010 Oct;14(6-7):446-54. *UZ Brussel, Brussels*

Verellen D, Soete G, Linthout N, Tournel K, Storme G. Optimal control of set-up margins and internal margins for intra- and extracranial radiotherapy using stereoscopic kilovoltage imaging. *Cancer Radiother*. 2006 Sep;10(5):235-44. *Vrije Universiteit Brussel, BE.*

Verellen D, Tournel K, Linthout N, Soete G, Wauters T, Storme G. Importing measured field fluences into the treatment planning system to validate a breathing synchronized DMLC-IMRT irradiation technique. *Radiother Oncol.* 2006 Mar;78(3):332-8. *Vrije Universiteit Brussel, Brussels, BE*

Vesagas, T. S., Aguilar, J. A., Mercado, E. R., & Mariano, M. M. (2002). Gamma knife radiosurgery and brain metastases: Local control, survival, and quality of life. *Journal of Neurosurgery, 97*(5 Suppl), 507-510.

Vesagas, T.S.A., Jose A.; Mercado, Eduardo R.; Mariano, Manuel M., Gamma knife radiosurgery and brain metastases: local control, survival, and quality of life. Journal of neurosurgery, 2002. 97(5Suppl): p. 507-10

Villavicencio, A. T., Burneikiene, S., Romanelli, P., Fariselli, L., McNeely, L., Lipani, J. D., . . . Adler, J. R.,Jr. (2009). Survival following stereotactic radiosurgery for newly diagnosed and recurrent glioblastoma multiforme: A multicenter experience. *Neurosurgical Review, 32*(4), 417-424.

Viola, A., Major, T., & Julow, J. (2006). Comparison of (125)I stereotactic brachytherapy and LINAC radiosurgery modalities based on physical dose distribution and radiobiological efficacy. *Radiation Research, 165*(6), 695-702.

Vogelbaum, M. A., Angelov, L., Lee, S. Y., Li, L., Barnett, G. H., & Suh, J. H. (2006). Local control of brain metastases by stereotactic radiosurgery in relation to dose to the tumor margin. *Journal of Neurosurgery, 104*(6), 907-912.

Vogelbaum, M. A., Asher, A. L., Kondziolka, D., Boulis, N. M., Selden, N. R., Hoh, B. L., & Barker, F. G.,2nd. (2009). Modern treatment of cerebral metastases: Integrated medical learning(SM) at CNS 2007. *Journal of Neuro-Oncology, 93*(1), 89-105.

Wackym, P. A., Runge-Samuelson, C. L., Nash, J. J., Poetker, D. M., Albano, K., Bovi, J., . . . Hannley, M. T. (2010). Gamma knife surgery of vestibular schwannomas: Volumetric dosimetry correlations to hearing loss suggest stria vascularis devascularization as the mechanism of early hearing loss. *Otology & Neurotology, 31*(9), 1480-1487.

Wagner TH, Bova FJ, Friedman WA, Buatti JM, Bouchet LG, Meeks SL. A simple and reliable index for scoring rival stereotactic radiosurgery plans. *Int J Radiat Oncol Biol Phys.* 2003 Nov 15;57(4):1141-9. *University of Florida, Gainesville*

Wagner TH, Meeks SL, Bova FJ, Friedman WA, Willoughby TR, Kupelian PA, Tome W. Optical tracking technology in stereotactic radiation therapy. *Med Dosim*. 2007 Summer;32(2):111-20. *University of Florida, Gainesville*

Wagner, T. H., Bova, F. J., Friedman, W. A., Buatti, J. M., Bouchet, L. G., & Meeks, S. L. (2003). A simple and reliable index for scoring rival stereotactic radiosurgery plans. *International Journal of Radiation Oncology, Biology, Physics, 57*(4), 1141-1149.

Wakelee H, Langer C, Vokes E, Schiller J, Baas P, Saijo N, Adjei A, Shepherd F, Choy H, Gandara DR. Cooperative group research efforts in lung cancer: focus on early-stage non-small-cell lung cancer. *Clin Lung Cancer.* 2008 Jan;9(1):9-15. *Stanford University Medical Center, Palo Alto*

Walsh, J. (2011). Stereotactic body therapy radiation for the treatment of early stage non small cell lung cancer. San Francisco, CA: California Technology Assessment Forum. Retrieved October 9, 2012, from http://www.ctaf.org/sites/default/files/assessments/1301_file_SBRT_NSCLC2011_W.pdf

Wan, H., Chihiro, O., & Yuan, S. (2009). MASEP gamma knife radiosurgery for secretory pituitary adenomas: Experience in 347 consecutive cases. *Journal of Experimental & Clinical Cancer Research, 28*, 36.

Wang C, Shiu A, Lii M, Woo S, Chang EL. Automatic target localization and verification for on-line imageguided stereotactic body radiotherapy of the spine. *Technol Cancer Res Treat.* 2007 Jun;6(3):187-96. *M. D. Anderson Cancer Center, Houston*

Wang C, Shiu A, Lii M, Woo S, Chang EL. Automatic target localization and verification for on-line imageguided stereotactic body radiotherapy of the spine. *Technol Cancer Res Treat.* 2007 Jun;6(3):187-96. *The University of Texas, M. D. Anderson Cancer Center, Houston*

Wang JZ, Rice R, Pawlicki T, Mundt AJ, Sandhu A, Lawson J, Murphy KT. Evaluation of patient setup uncertainty of optical guided frameless system for intracranial stereotactic radiosurgery. *J Appl Clin Med Phys.* 2010 Apr 17;11(2):3181 *UCSD, San Diego*

Wang L, Feigenberg S, Chen L, Pasklev K, Ma CC. Benefit of three-dimensional image-guided stereotactic localization in the hypofractionated treatment of lung cancer. *Int J Radiat Oncol Biol Phys*. 2006 Nov 1;66(3):738-47. *Fox Chase Cancer Center, Philadelphia.*

Wang Z, Nelson JW, Yoo S, Wu QJ, Kirkpatrick JP, Marks LB, Yin FF. Refinement of treatment setup and target localization accuracy using three-dimensional cone-beam computed tomography for stereotactic body radiotherapy. *Int J Radiat Oncol Biol Phys.* 2009 Feb 1;73(2):571-7. *Duke University Medical Center, Durham, NC*

Wang Z, Wu QJ, Marks LB, Larrier N, Yin FF. Cone-beam CT localization of internal target volumes for stereotactic body radiotherapy of lung lesions. *Int J Radiat Oncol Biol Phys.* 2007 Dec 1;69(5):1618-24. *Duke University Medical Center, Raleigh-Durham*

Wang, E. M., Pan, L., Wang, B. J., Zhang, N., Zhou, L. F., Dong, Y. F., . . . Chen, H. (2005). The long-term results of gamma knife radiosurgery for hemangioblastomas of the brain. *Journal of Neurosurgery, 102*(Suppl), 225-229.

Wang, J., Zhong, R., Bai, S., Lu, Y., Xu, Q., Zhou, X. J., & Xu, F. (2010). Evaluation of positioning accuracy of four different immobilizations using cone-beam CT in radiotherapy of non-

small-cell lung cancer. *International Journal of Radiation Oncology, Biology, Physics, 77*(4), 1274-1281.

Wang, X., Zhong, R., Bai, S., Xu, Q., Zhao, Y., Wang, J., . . . Wei, Y. (2011). Lung tumor reproducibility with active breath control (ABC) in image-guided radiotherapy based on cone-beam computed tomography with two registration methods. *Radiotherapy & Oncology, 99*(2), 148-154.

Wang, Y. Y., Yang, G. K., Li, S. Y., Baol, X. F., & Wu, C. Y. (2004). Prognostic factors for deep situated malignant gliomas treated with linac radiosurgery. *Chinese Medical Sciences Journal, 19*(2), 105-110.

Wang, Z. Z., Yuan, Z. Y., Zhang, W. C., You, J. Q., & Wang, P. (2009). Brain metastasis treated with cyberknife. *Chinese Medical Journal, 122*(16), 1847-1850.

Wang, Z., Nelson, J. W., Yoo, S., Wu, Q. J., Kirkpatrick, J. P., Marks, L. B., & Yin, F. F. (2009). Refinement of treatment setup and target localization accuracy using three-dimensional cone-beam computed tomography for stereotactic body radiotherapy. *International Journal of Radiation Oncology, Biology, Physics, 73*(2), 571-577.

Watchman CJ, Hamilton RJ, Stea B, Mignault AJ. Patient positioning using implanted gold markers with the novalis body system in the thoracic spine. *Neurosurgery*. 2008 May;62(5 Suppl):A62-8; *University of Arizona, Tucson*

Watchman, C. J., Hamilton, R. J., Stea, B., & Mignault, A. J. (2008). Patient positioning using implanted gold markers with the novalis body system in the thoracic spine. *Neurosurgery, 62*(5 Suppl), A62-8.

Weber, D. C., Bogner, J., Verwey, J., Georg, D., Dieckmann, K., Escude, L., . . . Miralbell, R. (2005). Proton beam radiotherapy versus fractionated stereotactic radiotherapy for uveal melanomas: A comparative study. *International Journal of Radiation Oncology, Biology, Physics, 63*(2), 373-384.

Weber, D. C., Momjian, S., Pralong, F. P., Meyer, P., Villemure, J. G., & Pica, A. (2011). Adjuvant or radical fractionated stereotactic radiotherapy for patients with pituitary functional and nonfunctional macroadenoma. *Radiation Oncology, 6*, 169.

Weber, M. A., Gunther, M., Lichy, M. P., Delorme, S., Bongers, A., Thilmann, C., . . . Schlemmer, H. P. (2003). Comparison of arterial spin-labeling techniques and dynamic susceptibility-weighted contrast-enhanced MRI in perfusion imaging of normal brain tissue. *Investigative Radiology, 38*(11), 712-718.

Weber, M. A., Thilmann, C., Lichy, M. P., Gunther, M., Delorme, S., Zuna, I., . . . Schlemmer, H. P. (2004). Assessment of irradiated brain metastases by means of arterial spin-labeling and dynamic susceptibility-weighted contrast-enhanced perfusion MRI: Initial results. *Investigative Radiology, 39*(5), 277-287.

Wei, W. I., & Kwong, D. L. (2011). Recurrent nasopharyngeal carcinoma: Surgical salvage vs. additional chemoradiation. *Current Opinion in Otolaryngology & Head & Neck Surgery, 19*(2), 82-86.

Weil, R. S., Cohen, J. M., Portarena, I., & Brada, M. (2006). Optimal dose of stereotactic radiosurgery for acoustic neuromas: A systematic review. *British Journal of Neurosurgery, 20*(4), 195-202.

Whang CJ, Yee GT, Choi CY, Sohn MJ, Lee DJ. First experience in using Novalis shaped beam radiosurgery in Korea. *J Neurosurg.* 2004 Nov;101 Suppl 3:341-5. *Inje University, Gyoung gi, KR*

Whang, C. J., Yee, G. T., Choi, C. Y., Sohn, M. J., & Lee, D. J. (2004). First experience in using novalis shaped beam radiosurgery in korea. *Journal of Neurosurgery, 101*(Suppl 3), 341-345.

Whitehouse, K., Foroughi, M., Shone, G., & Hatfield, R. (2010). Vestibular schwannomas - when should conservative management be reconsidered?. *British Journal of Neurosurgery, 24*(2), 185-190.

Widder, J., Hollander, M., Ubbels, J. F., Bolt, R. A., & Langendijk, J. A. (2010). Optimizing dose prescription in stereotactic body radiotherapy for lung tumours using monte carlo dose calculation. *Radiotherapy & Oncology, 94*(1), 42-46.

Wiersma RD, Mao W, Xing L. Combined kV and MV imaging for real-time tracking of implanted fiducial markers. *Med Phys*. 2008 Apr;35(4):1191-8. *Stanford University Medical Center, Palo Alto*

Wiggenraad, R. G., Petoukhova, A. L., Versluis, L., & van Santvoort, J. P. (2009). Stereotactic radiotherapy of intracranial tumors: A comparison of intensity-modulated radiotherapy and dynamic conformal arc. *International Journal of Radiation Oncology, Biology, Physics, 74*(4), 1018-1026.

Wilcox, E. E., Daskalov, G. M., Lincoln, H., Shumway, R. C., Kaplan, B. M., & Colasanto, J. M. (2010). Comparison of planned dose distributions calculated by monte carlo and ray-trace algorithms for the treatment of lung tumors with cyberknife: A preliminary study in 33 patients. *International Journal of Radiation Oncology, Biology, Physics, 77*(1), 277-284.

Wilkinson, E. P., Hoa, M., Slattery, W. H.,3rd, Fayad, J. N., Friedman, R. A., Schwartz, M. S., & Brackmann, D. E. (2011). Evolution in the management of facial nerve schwannoma. *Laryngoscope, 121*(10), 2065-2074.

Williams BJ, Yen CP, Starke RM, Basina B, Nguyen J, Rainey J, Sherman JH, Schlesinger D, Sheehan JP. Gamma Knife surgery for parasellar meningiomas: long-term results including complications, predictive factors, and progression-free survival. J Neurosurg. 2011 Jun;114(6):1571-7.

Williams, B. J., Yen, C. P., Starke, R. M., Basina, B., Nguyen, J., Rainey, J., . . . Sheehan, J. P. (2011). Gamma knife surgery for parasellar meningiomas: Long-term results including complications, predictive factors, and progression-free survival. *Journal of Neurosurgery, 114*(6), 1571-1577.

Williams, J. A. (2002). Fractionated stereotactic radiotherapy for acoustic neuromas. *Acta Neurochirurgica, 144*(12), 1249-1254.

Williams, J. A. (2002). Fractionated stereotactic radiotherapy for acoustic neuromas. *Stereotactic & Functional Neurosurgery, 78*(1), 17-28. Williams, J. A. (2002). Fractionated stereotactic radiotherapy for acoustic neuromas. *International Journal of Radiation Oncology, Biology, Physics, 54*(2), 500-504.

Williams, J. A. (2003). Fractionated stereotactic radiotherapy for acoustic neuromas: Preservation of function versus size. *Journal of Clinical Neuroscience, 10*(1), 48-52.

Willoughby TR, Forbes AR, Buchholz D, Langen KM, Wagner TH, Zeidan OA, Kupelian PA, Meeks SL. Evaluation of an infrared camera and X-ray system using implanted fiducials in patients with lung tumors for gated radiation therapy. *Int J Radiat Oncol Biol Phys.* 2006 Oct 1;66(2):568-75. *MD Anderson Cancer Center Orlando, Orlando*

Willoughby TR, Kupelian PA, Pouliot J, Shinohara K, Aubin M, Roach M 3rd, Skrumeda LL, Balter JM, Litzenberg DW, Hadley SW, Wei JT, Sandler HM. Target localization and real-time tracking using the Calypso 4D localization system in patients with localized prostate cancer. *Int J Radiat Oncol Biol Phys*. 2006 Jun 1;65(2):528-34. *MD Anderson Cancer Center Orlando, Orlando*

Woo, H. J., Hwang, S. K., Park, S. H., Hwang, J. H., & Hamm, I. S. (2010). Factors related to the local treatment failure of gamma knife surgery for metastatic brain tumors. *Acta Neurochirurgica, 152*(11), 1909-1914.

Woo, H.J.H., S. K.; Park, S. H.; Hwang, J. H.; Hamm, I. S., Factors related to the local treatment failure of gamma knife surgery for metastatic brain tumors. Acta Neurochirurgica, 2010. 152(11): p. 1909-14.

Wowra, B., & Stummer, W. (2002). Efficacy of gamma knife radiosurgery for nonfunctioning pituitary adenomas: A quantitative follow up with magnetic resonance imaging-based volumetric analysis. *Journal of Neurosurgery, 97*(5 Suppl), 429-432.

Wright, G., Bownes, P., & Reiner, B. (2011). A comparison of four skull models for independent dose calculations for gamma knife PERFEXION. *Medical Physics, 38*(2), 884-890.

Wu QJ, Yoo S, Kirkpatrick JP, Thongphiew D, Yin FF. Volumetric arc intensity-modulated therapy for spine body radiotherapy: comparison with static intensity-modulated treatment. *Int J Radiat Oncol Biol Phys*. 2009 Dec 1;75(5):1596-604, *Duke University Center, Durham*.

Wu, Q. J., Chankong, V., Jitprapaikulsarn, S., Wessels, B. W., Einstein, D. B., Mathayomchan, B., & Kinsella, T. J. (2003). Real-time inverse planning for gamma knife radiosurgery. *Medical Physics, 30*(11), 2988-2995.

Wu, Q. J., Yoo, S., Kirkpatrick, J. P., Thongphiew, D., & Yin, F. F. (2009). Volumetric arc intensity-modulated therapy for spine body radiotherapy: Comparison with static intensity-modulated treatment. *International Journal of Radiation Oncology, Biology, Physics, 75*(5), 1596-1604.

Wu, Q. R., Wessels, B. W., Einstein, D. B., Maciunas, R. J., Kim, E. Y., & Kinsella, T. J. (2003). Quality of coverage: Conformity measures for stereotactic radiosurgery. *Journal of Applied Clinical Medical Physics, 4*(4), 374-381.

Wunderink, W., Mendez Romero, A., Vasquez Osorio, E. M., de Boer, H. C., Brandwijk, R. P., Levendag, P. C., & Heijmen, B. J. (2007). Target coverage in image-guided stereotactic body radiotherapy of liver tumors. *International Journal of Radiation Oncology, Biology, Physics, 68*(1), 282-290.

Wurm RE, Erbel S, Schwenkert I, Gum F, Agaoglu D, Schild R, Schlenger L, Scheffler D, Brock M, Budach V. Novalis frameless image-guided noninvasive radiosurgery: initial experience. *Neurosurgery*. 2008 May;62(5 Suppl):A11-7

Wurm RE, Erbel S, Schwenkert I, Gum F, Agaoglu D, Schild R, Schlenger L, Scheffler D, Brock M, Budach V. Novalis frameless image-guided noninvasive radiosurgery: initial experience. *Neurosurgery*. 2008 May;62(5 Suppl):A11-8; *Charité-Universitätsmedizin Berlin*

Wurm RE, Gum F, Erbel S, Schlenger L, Scheffler D, Agaoglu D, Schild R, Gebauer B, Rogalla P, Plotkin M, Ocran K, Budach V. Image guided respiratory gated hypofractionated Stereotactic Body Radiation Therapy (H-SBRT) for liver and lung tumors: Initial experience. *Acta Oncol*. 2006;45(7):881-9. *Charité- Universitätsmedizin, Berlin*

Wurm, R. E., Erbel, S., Schwenkert, I., Gum, F., Agaoglu, D., Schild, R., . . . Budach, V. (2008). Novalis frameless image-guided noninvasive radiosurgery: Initial experience. *Neurosurgery, 62*(5 Suppl), A11-7.

Xie Y, Djajaputra D. Intrafractional Motion of the Prostate During Hypofractionated Radiotherapy*. International Journal of Radiation Oncology, Biology, Physics.* 72(1), 236-246, 2008

Xu Q, Hamilton RJ, Schowengerdt RA, Jiang SB. A deformable lung tumor tracking method in fluoroscopic video using active shape models: a feasibility study. *Phys Med Biol.* 2007 Sep 7;52(17):5277-93. *University of Arizona, Tucson*

Xu, Z., Yen, C. P., Schlesinger, D., & Sheehan, J. (2011). Outcomes of gamma knife surgery for craniopharyngiomas. *Journal of Neuro-Oncology, 104*(1), 305-313.

Yamakami, I., Uchino, Y., Kobayashi, E., & Yamaura, A. (2003). Conservative management, gamma-knife radiosurgery, and microsurgery for acoustic neurinomas: A systematic review of outcome and risk of three therapeutic options. *Neurological Research, 25*(7), 682-690.

Yamamoto, M., Barfod, B. E., & Urakawa, Y. (2009). Gamma knife radiosurgery for brain metastases of non-lung cancer origin: Focusing on multiple brain lesions. *Progress in Neurological Surgery, 22*, 154-169.

Yamamoto, M., et al., Subclassification of Recursive Partitioning Analysis Class II Patients with Brain Metastases Treated Radiosurgically. International Journal of Radiation Oncology, Biology, Physics, 2011.

Yamamoto, M., Kida, Y., Fukuoka, S., Iwai, Y., Jokura, H., Akabane, A., & Serizawa, T. (2010). Gamma knife radiosurgery for hemangiomas of the cavernous sinus: A seven-institute study in japan. *Journal of Neurosurgery, 112*(4), 772-779.

Yamamoto, M., T. Kawabe, and B.E. Barfod, How many metastases can be treated with radiosurgery? Prog Neurol Surg, 2012. 25: p. 261-72.

Yamamoto, M.B., B. E.; Urakawa, Y., Gamma knife radiosurgery for brain metastases of non-lung cancer origin: focusing on multiple brain lesions. Prog Neurol Surg, 2009. 22: p.154-69.

Yamauchi, M., Tominaga, T., Nakamura, O., Ueda, R., & Hoshi, M. (2004). GAFChromic film dosimetry with a flatbed color scanner for leksell gamma knife therapy. *Medical Physics, 31*(5), 1243-1248.

Yan H, Yin FF, Kim JH. A phantom study on the positioning accuracy of the Novalis Body system. *Med Phys*. 2003 Dec;30(12):3052-60. *Henry Ford Hospital, Detroit*

Yang JN, Pino R. Analytical calculation of central-axis dosimetric data for a dedicated 6-MV radiosurgery linear accelerator. *Med Phys*. 2008 Oct;35(10):4333-41. *MD Anderson, Houston*

Yang, H.C.K., H.; Lunsford, L. D.; Niranjan, A.; Flickinger, J. C.; Kondziolka, D., What factors predict the response of larger brain metastases to radiosurgery? Neurosurgery, 2011. 68(3): p. 682-90; discussion 690.

Yang, I., Aranda, D., Han, S. J., Chennupati, S., Sughrue, M. E., Cheung, S. W., . . . Parsa, A. T. (2009). Hearing preservation after stereotactic radiosurgery for vestibular schwannoma: A systematic review. *Journal of Clinical Neuroscience, 16*(6), 742-747.

Yang, I., Sughrue, M. E., Han, S. J., Aranda, D., Pitts, L. H., Cheung, S. W., & Parsa, A. T. (2010). A comprehensive analysis of hearing preservation after radiosurgery for vestibular schwannoma. *Journal of Neurosurgery, 112*(4), 851-859.

Yang, I., Sughrue, M. E., Han, S. J., Fang, S., Aranda, D., Cheung, S. W., . . . Parsa, A. T. (2009). Facial nerve preservation after vestibular schwannoma gamma knife radiosurgery. *Journal of Neuro-Oncology, 93*(1), 41-48.

Yang, S. Y., Kim, D. G., Chung, H. T., Park, S. H., Paek, S. H., & Jung, H. W. (2008). Evaluation of tumour response after gamma knife radiosurgery for residual vestibular schwannomas based on MRI morphological features. *Journal of Neurology, Neurosurgery & Psychiatry, 79*(4), 431-436.

Yen, C. P., Sheehan, J., Patterson, G., & Steiner, L. (2006). Gamma knife surgery for metastatic brainstem tumors. *Journal of Neurosurgery, 105*(2), 213-219.

Yen, C.P.S., Jason; Patterson, Greg; Steiner, Ladislau, Gamma Knife surger, for metastatic brainstem tumors. Journal of neurosurgery, 2006. 105(2): p. 213-219.

Yin FF, Das S, Kirkpatrick J, Oldham M, Wang Z, Zhou SM. Physics and imaging for targeting of oligometastases. *Semin Radiat Oncol.* 2006 Apr;16(2):85-101. *Duke University Medical Center, Raleigh-Durham*

Yin FF, Ryu S, Ajlouni M, Yan H, Jin JY, Lee SW, Kim J, Rock J, Rosenblum M, Kim JH. Image-guided procedures for intensity-modulated spinal radiosurgery. Technical note. *J Neurosurg.* 2004 Nov;101 Suppl 3:419-24. *Henry Ford Hospital, Detroit*

Yin FF, Wang Z, Yoo S, Wu QJ, Kirkpatrick J, Larrier N, Meyer J, Willett CG, Marks LB. Integration of Cone- Beam CT in Stereotactic Body Radiation Therapy. *Duke University Medical Center, Durham NC Technol Cancer Res Treat.* 2008 Apr;7(2):133-40.

Yin FF, Wang Z, Yoo S, Wu QJ, Kirkpatrick J, Larrier N, Meyer J, Willett CG, Marks LB. Integration of conebeam CT in stereotactic body radiation therapy. *Technol Cancer Res Treat*. 2008 Apr;7(2):133-9. *Duke University Medical Center, Raleigh-Durham*

Yin FF, Zhu J, Yan H, Gaun H, Hammoud R, Ryu S, Kim JH. Dosimetric characteristics of Novalis shaped beam surgery unit. *Med Phys.* 2002 Aug;29(8):1729-38. *Henry Ford Hospital, Detroit*

Yin, F. F., Ryu, S., Ajlouni, M., Yan, H., Jin, J. Y., Lee, S. W., . . . Kim, J. H. (2004). Image-guided procedures for intensity-modulated spinal radiosurgery. technical note. *Journal of Neurosurgery, 101*(Suppl 3), 419-424.

Yomo, S., Tamura, M., Carron, R., Porcheron, D., & Regis, J. (2010). A quantitative comparison of radiosurgical treatment parameters in vestibular schwannomas: The leksell gamma knife perfexion versus model 4C. *Acta Neurochirurgica, 152*(1), 47-55.

Yomo, S., Tamura, M., Carron, R., Porcheron, D., & Regis, J. (2010). A quantitative comparison of radiosurgical treatment parameters in vestibular schwannomas: The leksell gamma knife perfexion versus model 4C. *Acta Neurochirurgica, 152*(1), 47-55.

Yoo S, Kim GY, Hammoud R, Elder E, Pawlicki T, Guan H, Fox T, Luxton G, Yin FF, Munro P. A quality assurance program for the on-board imagers. *Med Phys.* 2006 Nov;33(11):4431-47. *Duke University Medical Center, Durham*

Yousefi, S., Collins, B. T., Reichner, C. A., Anderson, E. D., Jamis-Dow, C., Gagnon, G., . . . Banovac, F. (2007). Complications of thoracic computed tomography-guided fiducial placement for the purpose of stereotactic body radiation therapy. *Clinical Lung Cancer, 8*(4), 252-256.

Yu C, Shepard D. Treatment planning for stereotactic radiosurgery with photon beams. *Technol Cancer Res Treat.* 2003 Apr;2(2):93-104. *University of Maryland, Baltimore*

Yu, C. P., Cheung, J. Y., Chan, J. F., Leung, S. C., & Ho, R. T. (2005). Prolonged survival in a subgroup of patients with brain metastases treated by gamma knife surgery. *Journal of Neurosurgery, 102*(Suppl), 262-265.

Yu, C., Jozsef, G., Apuzzo, M. L., & Petrovich, Z. (2003). Dosimetric comparison of CyberKnife with other radiosurgical modalities for an ellipsoidal target. *Neurosurgery, 53*(5), 1155-1162.

Yu, C., Petrovich, Z., Apuzzo, M. L., Zelman, V., & Giannotta, S. L. (2004). Study of magnetic resonance imaging-based arteriovenous malformation delineation without conventional angiography. *Neurosurgery, 54*(5), 1104-; discussion 1108-10.

Yu, C.P.C., Joel Y. C.; Chan, Josie F. K.; Leung, Samuel C. L.; Ho, Robert T. K., Prolonged survival in a subgroup of patients with brain metastases treated by gamma knife surgery. Journal of neurosurgery, 2005. 102: p. 262-5.

Zabel, A., Milker-Zabel, S., Thilmann, C., Zuna, I., Rhein, B., Wannenmacher, M., & Debus, J. (2002). Treatment of brain metastases in patients with non-small cell lung cancer (NSCLC) by stereotactic linac-based radiosurgery: Prognostic factors. *Lung Cancer, 37*(1), 87-94.

Zachenhofer, I., Wolfsberger, S., Aichholzer, M., Bertalanffy, A., Roessler, K., Kitz, K., & Knosp, E. (2006). Gamma-knife radiosurgery for cranial base meningiomas: Experience of tumor control, clinical course, and morbidity in a follow-up of more than 8 years. *Neurosurgery, 58*(1), 28-36.

Zamora DA, Riegel AC, Sun X, Balter P, Starkschall G, Mawlawi O, Pan T. Thoracic target volume delineation using various maximum-intensity projection computed tomography image sets for radiotherapy treatment planning. *Med Phys*. 2010 Nov;37(11):5811-20. *The University of Texas MD Anderson Cancer Center, Houston, TX*

Zamzuri, I., Idris, N. R., Mar, W., Abdullah, J. M., Zakaria, A., & Biswal, B. M. (2006). Early malaysian experience on the use of head and neck localizers in the precision radiotherapy of intra and extra cranial sites for first 28 cases. *Medical Journal of Malaysia, 61*(5), 621-625.

Zhang P, Happersett L, Hunt M, Jackson A, Zelefsky M, Mageras G. Volumetric Modulated Arc Therapy: Planning and Evaluation for Prostate Cancer Cases. *Int J Radiat Oncol Biol Phys*. 2010 Apr;76(5):1456-62. *Memorial Sloan-Kettering Cancer Center, New York, NY*

Zhang P, Happersett L, Yang Y, Yamada Y, Mageras G, Hunt M. Optimization of collimator trajectory in volumetric modulated arc therapy: development and evaluation for paraspinal SBRT. *Int J Radiat Oncol Biol Phys.* 2010 Jun 1;77(2):591-9. *Memorial Sloan-Kettering Cancer Center, New York, NY*

Zhang, B. H., Guo, H. D., Hou, Y., Song, Z. G., Wang, B., & Dong, G. H. (2007). [Clinical study of stereotactic radiotherapy using different fraction doses for gliomas]. *Chinese Journal of Cancer Prevention and Treatment, 14*(13), 1000-1002.

Zhang, J., Yang, F., Li, B., Li, H., Liu, J., Huang, W., . . . Wang, J. (2011). Which is the optimal biologically effective dose of stereotactic body radiotherapy for stage I non-small-cell lung cancer? A meta-analysis. *International Journal of Radiation Oncology, Biology, Physics, 81*(4), e305-16.

Zhang, N., Pan, L., Dai, J. Z., Wang, B. J., Wang, E. M., & Cai, P. W. (2002). Gamma knife radiosurgery for jugular foramen schwannomas. *Journal of Neurosurgery, 97*(5 Suppl), 456-458. [exclude, study design (no comparator)]

Zhao B, Yang Y, Li T, Li X, Heron DE, Huq MS. Image-guided respiratory-gated lung stereotactic body radiotherapy: which target definition is optimal? *Med Phys.* 2009 Jun;36(6):2248-57. *University of Pittsburgh Medical Center, Pittsburgh*

Zhao, B., Yang, Y., Li, T., Li, X., Heron, D. E., & Huq, M. S. (2011). Statistical analysis of target motion in gated lung stereotactic body radiation therapy. *Physics in Medicine & Biology, 56*(5), 1385-1395.

Zimmerman J, Korreman S, Persson G, Cattell H, Svatos M, Sawant A, Venkat R, Carlson D, Keall P. DMLC motion tracking of moving targets for intensity modulated arc therapy treatment: a feasibility study. *Acta Oncol.* 2009;48(2):245-50. *Rigshospitalet, University of Copenhagen, Copenhagen, DK*

Zytkovicz, A., Daftari, I., Phillips, T. L., Chuang, C. F., Verhey, L., & Petti, P. L. (2007). Peripheral dose in ocular treatments with CyberKnife and gamma knife radiosurgery compared to proton radiotherapy. *Physics in Medicine & Biology, 52*(19), 5957-5971.

Superceded by SR

Baumann P, Nyman J, Hoyer M, Wennberg B, Gagliardi G, Lax I, Drugge N, Ekberg L, Friesland S, Johansson KA, Lund JA, Morhed E, Nilsson K, Levin N, Paludan M, Sederholm C, Traberg A, Wittgren L, Lewensohn R.Outcome in a prospective phase II trial of medically inoperable stage I non-small-cell lung cancer patients treated with stereotactic body radiotherapy. J Clin Oncol. 2009 Jul 10;27(20):3290-6

Baumann P, Nyman J, Lax I, Friesland S, Hoyer M, Rehn Ericsson S, Johansson KA, Ekberg L, Morhed E, Paludan M, Wittgren L, Blomgren H, Lewensohn R. Factors important for efficacy of stereotactic body radiotherapy of medically inoperable stage I lung cancer. A retrospective analysis of patients treated in the Nordic countries. *Acta Oncol*. 2006;45(7):787-95. *Karolinska University Hospital, Sweden.*

Baumann, P., Nyman, J., Hoyer, M., Wennberg, B., Gagliardi, G., Lax, I., . . . Lewensohn, R. (2009). Outcome in a prospective phase II trial of medically inoperable stage I non-small-cell lung cancer patients treated with stereotactic body radiotherapy. *Journal of Clinical Oncology, 27*(20), 3290-3296.

Baumann, P., Nyman, J., Lax, I., Friesland, S., Hoyer, M., Rehn Ericsson, S., . . . Lewensohn, R. (2006). Factors important for efficacy of stereotactic body radiotherapy of medically inoperable stage I lung cancer. A retrospective analysis of patients treated in the nordic countries. *Acta Oncologica, 45*(7), 787-795.

Calcerrada Diaz-Santos, N., Blasco Amaro, J. A., Cardiel, G. A., & Andradas Aragones, E. (2008). The safety and efficacy of robotic image-guided radiosurgery system treatment for intra- and extracranial lesions: A systematic review of the literature. *Radiotherapy & Oncology, 89*(3), 245-253.

Chang EL, Shiu AS, Mendel E, Mathews LA, Mahajan A, Allen PK, Weinberg JS, Brown BW, Wang XS, Woo SY, Cleeland C, Maor MH, Rhines LD Phase I/II study of stereotactic body radiotherapy for spinal metastasis and its pattern of failure. *J Neurosurg Spine*. 2007 Aug;7(2):151-60, *University of Texas M. D. Anderson Cancer Center, Houston*

Chang, E. L., Shiu, A. S., Mendel, E., Mathews, L. A., Mahajan, A., Allen, P. K., . . . Rhines, L. D. (2007). Phase I/II study of stereotactic body radiotherapy for spinal metastasis and its pattern of failure. *Journal of Neurosurgery Spine, 7*(2), 151-160.

Elaimy, A. L., Mackay, A. R., Lamoreaux, W. T., Fairbanks, R. K., Demakas, J. J., Cooke, B. S., & Lee, C. M. (2011). Clinical outcomes of stereotactic radiosurgery in the treatment of patients with metastatic brain tumors. *World Neurosurgery, 75*(5-6), 673-683.

Fakiris, A. J., McGarry, R. C., Yiannoutsos, C. T., Papiez, L., Williams, M., Henderson, M. A., & Timmerman, R. (2009). Stereotactic body radiation therapy for early-stage non-small-cell lung carcinoma: Four-year results of a prospective phase II study. *International Journal of Radiation Oncology, Biology, Physics, 75*(3), 677-682.

Fakiris, McGarry, Yiannoutsos, Papiez, Williams, Henderson and Timmerman, Stereotactic body radiation therapy for early-stage non-small-cell lung carcinoma: four-year results of a prospective phase II study. Journal/Int J Radiat Oncol Biol Phys, 75(3), 677-82, 2009

Foote, R. L., Pollock, B. E., Gorman, D. A., Schomberg, P. J., Stafford, S. L., Link, M. J., . . . Olsen, K. D. (2002). Glomus jugulare tumor: Tumor control and complications after stereotactic radiosurgery. *Head & Neck, 24*(4), 332-338.

Gagnon, G. J., Henderson, F. C., Gehan, E. A., Sanford, D., Collins, B. T., Moulds, J. C., & Dritschilo, A. (2007). Cyberknife radiosurgery for breast cancer spine metastases. *Cancer, 110*(8), 1796-1802.

Gupta, T. (2005). Stereotactic radiosurgery for brain oligometastases: Good for some, better for all? *Annals of Oncology, 16*(11), 1749-1754.

Hazard LJ, Jensen RL, Shrieve DC. Role of stereotactic radiosurgery in the treatment of brain metastases. *Am J Clin Oncol*. 2005 Aug;28(4):403-10. *University of Utah, Salt Lake City*

Hazard, L. J., Jensen, R. L., & Shrieve, D. C. (2005). Role of stereotactic radiosurgery in the treatment of brain metastases. *American Journal of Clinical Oncology, 28*(4), 403-410.

Inoue, T., Shimizu, S., Onimaru, R., Takeda, A., Onishi, H., Nagata, Y., . . . Shirato, H. (2009). Clinical outcomes of stereotactic body radiotherapy for small lung lesions clinically diagnosed as primary lung cancer on radiologic examination. *International Journal of Radiation Oncology, Biology, Physics, 75*(3), 683-687.

Lagerwaard FJ, Haasbeek CJ, Smit EF, Slotman BJ, Senan S. Outcomes of risk-adapted fractionated stereotactic radiotherapy for stage I non-small-cell lung cancer. *Int J Radiat Oncol Biol Phys.* 2008 Mar 1;70(3):685-92. *VU University Medical Center, Amsterdam, NL*

Lal, L. S., Byfield, S. D., Chang, E. L., Franzini, L., Miller, L. A., Arbuckle, R., et al. (2012). Cost-effectiveness analysis of a randomized study comparing radiosurgery with radiosurgery and whole brain radiation therapy in patients with 1 to 3 brain metastases. *American Journal of Clinical Oncology, 35*(1), 45-50.

Lee, M.T., Kim, J.J., Dinniwell, R., Brierley, J., Lockwood, G., Wong, R., et al. (2009). Phase I study of individualized stereotactic bodyradiotherapy of liver metastases. *Journal of Clinical Oncology, 27*(10), 1585-91.

Mehta, M. P., Tsao, M. N., Whelan, T. J., Morris, D. E., Hayman, J. A., Flickinger, J. C., . . . Souhami, L. (2005). The american society for therapeutic radiology and oncology (ASTRO) evidence-based review of the role of radiosurgery for brain metastases. *International Journal of Radiation Oncology, Biology, Physics, 63*(1), 37-46.

Muller-Riemenschneider, F., Bockelbrink, A., Ernst, I., Schwarzbach, C., Vauth, C., von der Schulenburg, J. M., & Willich, S. N. (2009). Stereotactic radiosurgery for the treatment of brain metastases. *Radiotherapy & Oncology, 91*(1), 67-74.

Papatheofanis, F.J., Williams, E., & Chang, S.D. (2009). Cost-utility analysis of the Cyberknife system for metastatic spinal tumors. *Neurosurgery, 64(*2), A67-A72.

Salazar, O. M., Sandhu, T. S., Lattin, P. B., Chang, J. H., Lee, C. K., Groshko, G. A., & Lattin, C. J. (2008). Once-weekly, high-dose stereotactic body radiotherapy for lung cancer: 6-year analysis of 60 early-stage, 42 locally advanced, and 7 metastatic lung cancers. *International Journal of Radiation Oncology, Biology, Physics, 72*(3), 707-715.

Takeda, A., Sanuki, N., Kunieda, E., Ohashi, T., Oku, Y., Takeda, T., . . . Kubo, A. (2009). Stereotactic body radiotherapy for primary lung cancer at a dose of 50 gy total in five fractions to the periphery of the planning target volume calculated using a superposition algorithm. *International Journal of Radiation Oncology, Biology, Physics, 73*(2), 442-448.

Wellis, G., Nagel, R., Vollmar, C., & Steiger, H. J. (2003). Direct costs of microsurgical management of radiosurgically amenable intracranial pathology in germany: An analysis of meningiomas, acoustic neuromas, metastases and arteriovenous malformations of less than 3 cm in diameter. *Acta Neurochirurgica, 145*(4), 249-255.

Wulf J, Guckenberger M, Haedinger U, et al. Stereotactic Radiotherapy of Primary Liver Cancer and Hepatic Metastases. Acta Oncologica 2006;45:838-847.

Wulf, J., Guckenberger, M., Haedinger, U., Oppitz, U., Mueller, G., Baier, K., & Flentje, M. (2006). Stereotactic radiotherapy of primary liver cancer and hepatic metastases. *Acta Oncologica, 45*(7), 838-847.

Wulf, J., Haedinger, U., Oppitz, U., Thiele, W., Mueller, G., & Flentje, M. (2004). Stereotactic radiotherapy for primary lung cancer and pulmonary metastases: A noninvasive treatment approach in medically inoperable patients. *International Journal of Radiation Oncology, Biology, Physics, 60*(1), 186-196.