

Stanford



John R. Adler, MD

The Dorothy and Thye King Chan Professor in Neurosurgery, Emeritus

 Curriculum Vitae available Online

CLINICAL OFFICES

- **Stanford Neuroscience Health Center**

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ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

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Bio

CLINICAL FOCUS

- Neurological Surgery
- Neurosurgery
- Brain/Central Nervous System Cancer
- Stereotactic Radiosurgery

ACADEMIC APPOINTMENTS

- Emeritus Faculty-Med Ctr Line, Neurosurgery

ADMINISTRATIVE APPOINTMENTS

- CEO, Zap Surgical Systems, (2015-2017)
- CEO & Chairman, Cureus, Inc, (2010-2017)
- CEO, Accuray, Inc., (1999-2002)
- Chief of Clinical Innovation, Varian Medical Systems, Inc, (2009-2015)
- Chairman, Accuray, Inc., (1999-2004)
- Vice President, Western Neurosurgical Society, (2005-2006)
- President, Cyberknife Society, (2003-2008)
- Founder and Member of the Board of Directors, Accuray, Inc., (1991-2009)

HONORS AND AWARDS

- Outstanding Achievement in Medicine, Santa Clara Valley Medical Association (2007)
- The Inaugural Ideals of Entrepreneurship Award, Emerging Entrepreneurs in Biomedical Technology, Biodesign Group, Stanford University (2005)

PROFESSIONAL EDUCATION

- Residency: Brigham and Women's Hospital Harvard Medical School (1985) MA
- Fellowship: Harvard Medical School (1982) MA

- Residency: Massachusetts General Hospital (1984) MA
- Board Certification: Neurological Surgery, American Board of Neurological Surgery (1990)
- Fellowship: Karolinska Institute (1986) Sweden
- Internship: Peter Bent Brigham Hospital (1981) MA
- Medical Education: Harvard Medical School (1980) MA
- MD, Harvard University , Medicine (1980)
- AB, Harvard College (1976)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

The development and implementation of computerized, image-guided surgical tools to be utilized during minimally invasive brain operations. The clinical outcome of new technologies, and in particular the application of radiosurgery, for the treatment of brain tumors. The creation of new radiosurgical techniques for a wide array of brain and spine disorders which includes 1) trigeminal neuralgia 2) spinal cord AVM 3) pituitary tumors 4) skull base meningioma 5) benign peri-optic tumors 6) brain metastases 7) acoustic neuroma 8) glomus jugulare tumors 9) brain and spine schwannoma 10) painful facet syndrome 11) radiomodulation for functional disease of the brain

CLINICAL TRIALS

- Phase I/II Study of Fractionated Stereotactic Radiosurgery to Treat Large Brain Metastases, Not Recruiting
- Radiosurgical Neuromodulation for Refractory Depression, Not Recruiting

Publications

PUBLICATIONS

- **Phase 1/2 Trial of 5-Fraction Stereotactic Radiosurgery With 5-mm Margins With Concurrent and Adjuvant Temozolomide in Newly Diagnosed Supratentorial Glioblastoma: Health-Related Quality of Life Results.** *International journal of radiation oncology, biology, physics*
Pollom, E. L., Fujimoto, D., Wynne, J., Seiger, K., Modlin, L. A., Jacobs, L. R., Azoulay, M., von Eyben, R., Tupper, L., Gibbs, I. C., Hancock, S. L., Li, G., Chang, et al
2017; 98 (1): 123-130
- **High Dose Gamma Radiation Selectively Reduces GABAA-slow Inhibition.** *Cureus*
Dagne, B. A., Sunay, M. K., Cayla, N. S., Ouyang, Y., Knox, S. J., Giffard, R. G., Adler, J. R., Maciver, B.
2017; 9 (3)
- **Embolization Followed by Radiosurgery for the Treatment of Brain Arteriovenous Malformations (AVMs)** *WORLD NEUROSURGERY*
Marks, M. P., Marcellus, M. L., Santarelli, J., Dodd, R. L., Do, H. M., Chang, S. D., Adler, J. R., Mlynash, M., Steinberg, G. K.
2017; 99: 471-476
- **Stereotactic radiosurgery for non-vestibular cranial nerve schwannomas** *JOURNAL OF NEURO-ONCOLOGY*
D'Astous, M., Ho, A. L., Pendharkar, A., Choi, C. Y., Soltys, S. G., Gibbs, I. C., Tayag, A. T., Thompson, P. A., Adler, J. R., Chang, S. D.
2017; 131 (1): 177-183
- **Radiosurgical ablation of spinal cord arteriovenous malformations.** *Handbook of clinical neurology*
Sussman, E. S., Adler, J. R., Dodd, R. L.
2017; 143: 175-187
- **Stereotactic radiosurgery for non-vestibular cranial nerve schwannomas.** *Journal of neuro-oncology*
D'Astous, M., Ho, A. L., Pendharkar, A., Choi, C. Y., Soltys, S. G., Gibbs, I. C., Tayag, A. T., Thompson, P. A., Adler, J. R., Chang, S. D.
2016: -?
- **Stereotactic radiosurgery for intramedullary spinal arteriovenous malformations** *JOURNAL OF CLINICAL NEUROSCIENCE*
Kalani, M. A., Choudhri, O., Gibbs, I. C., Soltys, S. G., Adler, J. R., Thompson, P. A., Tayag, A. T., Samos, C. H., Chang, S. D.

2016; 29: 162-167

- **Estimated Risk Level of Unified Stereotactic Body Radiation Therapy Dose Tolerance Limits for Spinal Cord** *SEMINARS IN RADIATION ONCOLOGY*
Grimm, J., Sahgal, A., Soltys, S. G., Luxton, G., Patel, A., Herbert, S., Xue, J., Ma, L., Yorke, E., Adler, J. R., Gibbs, I. C.
2016; 26 (2): 165-171
- **Dose-Response Modeling of the Visual Pathway Tolerance to Single-Fraction and Hypofractionated Stereotactic Radiosurgery** *SEMINARS IN RADIATION ONCOLOGY*
Hiniker, S. M., Modlin, L. A., Choi, C. Y., Atalar, B., Seiger, K., Binkley, M. S., Harris, J. P., Liao, Y. J., Fischbein, N., Wang, L., Ho, A., Lo, A., Chang, et al
2016; 26 (2): 97-104
- **Repeat Courses of Stereotactic Radiosurgery (SRS), Deferring Whole-Brain Irradiation, for New Brain Metastases After Initial SRS** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*
Shultz, D. B., Modlin, L. A., Jayachandran, P., von Eyben, R., Gibbs, I. C., Choi, C. Y., Chang, S. D., Harsh, G. R., Li, G., Adler, J. R., Hancock, S. L., Soltys, S. G.
2015; 92 (5): 993-999
- **Current Approaches and Recent Developments in the Management of Head and Neck Paragangliomas** *ENDOCRINE REVIEWS*
Taieb, D., Kaliski, A., Boedeker, C. C., Martucci, V., Fojo, T., Adler, J. R., Pacak, K.
2014; 35 (5): 795-819
- **Risk of Leptomeningeal Disease in Patients Treated With Stereotactic Radiosurgery Targeting the Postoperative Resection Cavity for Brain Metastases** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*
Atalar, B., Modlin, L. A., Choi, C. Y., Adler, J. R., Gibbs, I. C., Chang, S. D., Harsh, G. R., Li, G., Nagpal, S., Hanlon, A., Soltys, S. G.
2013; 87 (4): 713-718
- **CyberKnife radiosurgery for the management of skull base and spinal chondrosarcomas.** *Journal of neuro-oncology*
Jiang, B., Veeravagu, A., Feroze, A. H., Lee, M., Harsh, G. R., Soltys, S. G., Gibbs, I. C., Adler, J. R., Chang, S. D.
2013; 114 (2): 209-218
- **Cochlea radiation dose correlates with hearing loss after stereotactic radiosurgery of vestibular schwannoma.** *World neurosurgery*
Hayden Gephart, M. G., Hansasuta, A., Balise, R. R., Choi, C., Sakamoto, G. T., Venteicher, A. S., Soltys, S. G., Gibbs, I. C., Harsh, G. R., Adler, J. R., Chang, S. D.
2013; 80 (3-4): 359-363
- **Cavity Volume Dynamics After Resection of Brain Metastases and Timing of Postresection Cavity Stereotactic Radiosurgery** *NEUROSURGERY*
Atalar, B., Choi, C. Y., Harsh, G. R., Chang, S. D., Gibbs, I. C., Adler, J. R., Soltys, S. G.
2013; 72 (2): 180-185
- **The future of robotics in radiosurgery.** *Neurosurgery*
Adler, J. R.
2013; 72: 8-11
- **Long-Term Changes in the Personality and Psychopathological Profile of Opiate Addicts after Nucleus Accumbens Ablative Surgery Are Associated with Treatment Outcome** *STEREOTACTIC AND FUNCTIONAL NEUROSURGERY*
Ge, S., Chang, C., Adler, J. R., Zhao, H., Chang, X., Gao, L., Wu, H., Wang, J., Li, N., Wang, X., Gao, G.
2013; 91 (1): 30-44
- **The Future of Robotics in Radiosurgery** *NEUROSURGERY*
Adler, J. R.
2013; 72: A8-A11
- **What Is the Optimal Treatment of Large Brain Metastases? An Argument for a Multidisciplinary Approach** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*
Choi, C. Y., Chang, S. D., Gibbs, I. C., Adler, J. R., Harsh, G. R., Atalar, B., Lieberson, R. E., Soltys, S. G.
2012; 84 (3): 688-693
- **Stereotactic Radiosurgery for the Treatment of Spinal Metastases: Analysis of Tumor Control and Patterns of Failure** *54th Annual Meeting of the American-Society-for-Radiation-Oncology (ASTRO)*
Soltys, S. G., Gibbs, I. C., Adler, J. R., Chang, S. D., Modlin, L. A., Choi, C. Y.
ELSEVIER SCIENCE INC.2012: S195-S195

- **Risk of Leptomeningeal Disease in Patients Treated With Stereotactic Radiosurgery Targeting the Postoperative Resection Cavity for Brain Metastases** *54th Annual Meeting of the American-Society-for-Radiation-Oncology (ASTRO)*
Modlin, L. A., Atalar, B., Choi, C. Y., Gibbs, I. C., Chang, S. D., Harsh, G. R., Adler, J. R., Soltys, S. G.
ELSEVIER SCIENCE INC.2012: S116–S117
- **Stereotactic Radiosurgery of the Postoperative Resection Cavity for Brain Metastases: Prospective Evaluation of Target Margin on Tumor Control** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*
Choi, C. Y., Chang, S. D., Gibbs, I. C., Adler, J. R., Harsh, G. R., Lieberson, R. E., Soltys, S. G.
2012; 84 (2): 336-342
- **CyberKnife stereotactic radiosurgery for the treatment of intramedullary spinal cord metastases** *JOURNAL OF CLINICAL NEUROSCIENCE*
Veeravagu, A., Lieberson, R. E., Mener, A., Chen, Y., Soltys, S. G., Gibbs, I. C., Adler, J. R., Tian, A. G., Chang, S. D.
2012; 19 (9): 1273-1277
- **Management of intracranial and extracranial chordomas with CyberKnife stereotactic radiosurgery** *JOURNAL OF CLINICAL NEUROSCIENCE*
Jiang, B., Veeravagu, A., Lee, M., Harsh, G. R., Lieberson, R. E., Bhatti, I., Soltys, S. G., Gibbs, I. C., Adler, J. R., Chang, S. D.
2012; 19 (8): 1101-1106
- **Stereotactic Radiosurgery as the Primary Treatment for New and Recurrent Paragangliomas: Is Open Surgical Resection Still the Treatment of Choice?** *WORLD NEUROSURGERY*
Lieberson, R. E., Adler, J. R., Soltys, S. G., Choi, C., Gibbs, I. C., Chang, S. D.
2012; 77 (5-6): 745-761
- **NORMAL TISSUE COMPLICATION PROBABILITY ESTIMATION BY THE LYMAN-KUTCHER-BURMAN METHOD DOES NOT ACCURATELY PREDICT SPINAL CORD TOLERANCE TO STEREOTACTIC RADIOSURGERY** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*
Daly, M. E., Luxton, G., Choi, C. Y., Gibbs, I. C., Chang, S. D., Adler, J. R., Soltys, S. G.
2012; 82 (5): 2025-2032
- **Trigeminal neuralgia treatment dosimetry of the Cyberknife** *MEDICAL DOSIMETRY*
Ho, A., Lo, A. T., Dieterich, S., Soltys, S. G., Gibbs, I. C., Chang, S. G., Adler, J. R.
2012; 37 (1): 42-46
- **A new age of peer reviewed scientific journals.** *Surgical neurology international*
Adler, J. R.
2012; 3: 145-?
- **Multisession Stereotactic Radiosurgery for Vestibular Schwannomas: Single-Institution Experience With 383 Cases** *NEUROSURGERY*
Hansasuta, A., Choi, C. Y., Gibbs, I. C., Soltys, S. G., Tse, V. C., Lieberson, R. E., Hayden, M. G., Sakamoto, G. T., Harsh, G. R., Adler, J. R., Chang, S. D.
2011; 69 (6): 1200-1209
- **Management of Pediatric Intracranial Arteriovenous Malformations: Experience With Multimodality Therapy** *NEUROSURGERY*
Darsaut, T. E., Guzman, R., Marcellus, M. L., Edwards, M. S., Tian, L., Do, H. M., Chang, S. D., Levy, R. P., Adler, J. R., Marks, M. P., Steinberg, G. K.
2011; 69 (3): 540-556
- **Stereotactic Radiosurgery Yields Long-term Control for Benign Intradural, Extramedullary Spinal Tumors** *NEUROSURGERY*
Sachdev, S., Dodd, R. L., Chang, S. D., Soltys, S. G., Adler, J. R., Luxton, G., Choi, C. Y., Tupper, L., Gibbs, I. C.
2011; 69 (3): 533-539
- **Stereotactic Radiosurgery of Cranial Nonvestibular Schwannomas: Results of Single- and Multisession Radiosurgery** *NEUROSURGERY*
Choi, C. Y., Soltys, S. G., Gibbs, I. C., Harsh, G. R., Sakamoto, G. T., Patel, D. A., Lieberson, R. E., Chang, S. D., Adler, J. R.
2011; 68 (5): 1200-1208
- **TOLERANCE OF THE SPINAL CORD TO STEREOTACTIC RADIOSURGERY: INSIGHTS FROM HEMANGIOBLASTOMAS** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*
Daly, M. E., Choi, C. Y., Gibbs, I. C., Adler, J. R., Chang, S. D., Lieberson, R. E., Soltys, S. G.
2011; 80 (1): 213-220
- **TECHNIQUE FOR TARGETING ARTERIOVENOUS MALFORMATIONS USING FRAMELESS IMAGE-GUIDED ROBOTIC RADIOSURGERY** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*
Hristov, D., Liu, L., Adler, J. R., Gibbs, I. C., Moore, T., Sarmiento, M., Chang, S. D., Dodd, R., Marks, M., Do, H. M.

2011; 79 (4): 1232-1240

- **Cyberknife Stereotactic Radiosurgery for Treatment of Atypical (Who Grade II) Cranial Meningiomas** *NEUROSURGERY*
Choi, C. Y., Soltys, S. G., Gibbs, I. C., Harsh, G. R., Jackson, P. S., Lieberson, R. E., Chang, S. D., Adler, J. R.
2010; 67 (5): 1180-1188
- **STEREOTACTIC RADIOSURGERY FOR TREATMENT OF SPINAL METASTASES RECURRING IN CLOSE PROXIMITY TO PREVIOUSLY IRRADIATED SPINAL CORD** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*
Choi, C. Y., Adler, J. R., Gibbs, I. C., Chang, S. D., Jackson, P. S., Minn, A. Y., Lieberson, R. E., Soltys, S. G.
2010; 78 (2): 499-506
- **Frameless image guided robotic radiosurgery of arteriovenous malformation localized on spatially correlated digital subtraction and C-arm CT angiography images** *JOURNAL OF NEUROINTERVENTIONAL SURGERY*
Hristov, D., Adler, J. R., Gibbs, I. C., Dodd, R., Marks, M., Chang, S. D., Do, H. M.
2010; 2 (3): 252-254
- **The 2009 devaluation of radiosurgery and its impact on the neurosurgery-radiation oncology partnership** *JOURNAL OF NEUROSURGERY*
Heilbrun, M. P., Adler, J. R.
2010; 113 (1): 10-15
- **Survival following Stereotactic Radiosurgery for Newly Diagnosed and Recurrent Glioblastoma Multiforme: A Multicenter Experience** *8th Meeting of the International-Stereotactic-Radiosurgery-Society*
Villavicencio, A. T., Burneikiene, S., Romanelli, P., McNeely, L., Lipani, J. D., Fariselli, L., McIntyre, M., Chang, S. D., Nelson, E. L., Broggi, G., Adler, J. R., Thramann, J. J.
KARGER.2010: 288–299
- **Stereotactic Radiosurgery of the Post-operative Resection Cavity for Brain Metastases: Optimization of the Treatment Technique** *52nd Annual Meeting of the American-Society-for-Therapeutic-Radiation-Oncology (ASTRO)*
Soltys, S. G., Gibbs, I. C., Chang, S. D., Adler, J. R., Harsh, G. R., LIEBERSON, R. E., Choi, C. Y.
ELSEVIER SCIENCE INC.2010: S7–S7
- **Can Temporal Lobe Necrosis be Prevented in Patients with Nasopharyngeal/Skull Base Tumors Undergoing a Stereotactic Radiosurgery Boost? A Dose Volume Analysis** *52nd Annual Meeting of the American-Society-for-Therapeutic-Radiation-Oncology (ASTRO)*
Hara, W., Yun, S., Hsu, A., Soltys, S., Adler, J., Le, Q., Loo, B. W.
ELSEVIER SCIENCE INC.2010: S431–S431
- **MULTISESSION CYBERKNIFE STEREOTACTIC RADIOSURGERY OF LARGE, BENIGN CRANIAL BASE TUMORS: PRELIMINARY STUDY** *NEUROSURGERY*
Tuniz, F., Soltys, S. G., Choi, C. Y., Chang, S. D., Gibbs, I. C., Fischbein, N. J., Adler, J. R.
2009; 65 (5): 898-907
- **Survival following stereotactic radiosurgery for newly diagnosed and recurrent glioblastoma multiforme: a multicenter experience** *NEUROSURGICAL REVIEW*
Villavicencio, A. T., Burneikiene, S., Romanelli, P., Fariselli, L., McNeely, L., Lipani, J. D., Chang, S. D., Nelson, E. L., McIntyre, M., Broggi, G., Adler, J. R.
2009; 32 (4): 417-424
- **STEREOTACTIC RADIOSURGICAL TREATMENT OF CRANIAL AND SPINAL HEMANGIOBLASTOMAS** *NEUROSURGERY*
Moss, J. M., Choi, C. Y., Adler, J. R., Soltys, S. G., Gibbs, I. C., Chang, S. D.
2009; 65 (1): 79-85
- **Pathogenesis and radiobiology of brain arteriovenous malformations: implications for risk stratification in natural history and posttreatment course** *NEUROSURGICAL FOCUS*
Achrol, A. S., Guzman, R., Varga, M., Adler, J. R., Steinberg, G. K., Chang, S. D.
2009; 26 (5)
- **CYBERKNIFE FOR BRAIN METASTASES OF MALIGNANT MELANOMA AND RENAL CELL CARCINOMA** *NEUROSURGERY*
Hara, W., Tran, P., Li, G., Su, Z., Puataweepong, P., Adler, J. R., Soltys, S. G., Chang, S. D., Gibbs, I. C.
2009; 64 (2): A26-A32
- **DELAYED RADIATION-INDUCED MYELOPATHY AFTER SPINAL RADIOSURGERY** *NEUROSURGERY*
Gibbs, I. C., Patil, C., Gerszten, P. C., Adler, J. R., Burton, S. A.

2009; 64 (2): A67-A72

- **CYBERKNIFE RADIOSURGERY FOR TRIGEMINAL SCHWANNOMAS** *NEUROSURGERY*
Sakamoto, G. T., Borchers, D. J., Xiao, F., Yang, H., Chang, S. D., Adler, J. R.
2009; 64 (2): A14-A18
- **FORAMINAL NERVE SHEATH TUMORS: INTERMEDIATE FOLLOW-UP AFTER CYBERKNIFE RADIOSURGERY** *NEUROSURGERY*
Murovic, J. A., Gibbs, I. C., Chang, S. D., Mobley, B. C., Park, J., Adler, J. R.
2009; 64 (2): A33-A43
- **NONISOCENTRIC RADIOSURGICAL RHIZOTOMY FOR TRIGEMINAL NEURALGIA** *NEUROSURGERY*
Adler, J. R., Bower, R., Gupta, G., Lim, M., Efron, A., Gibbs, I. C., Chang, S. D., Soltys, S. G.
2009; 64 (2): A84-A90
- **CYBERKNIFE STEREOTACTIC RADIOSURGICAL RHIZOTOMY FOR TRIGEMINAL NEURALGIA: ANATOMIC AND MORPHOLOGICAL CONSIDERATIONS** *NEUROSURGERY*
Borchers, J. D., Yang, H., Sakamoto, G. T., Howes, G. A., Gupta, G., Chang, S. D., Adler, J. R.
2009; 64 (2): A91-A95
- **Spinal Stereotactic Radiosurgery for Metastatic Tumor Recurrence within a Prior External Beam Irradiation Field** *51st Annual Meeting of the American-Society-for-Radiation-Oncology (ASTRO)*
Soltys, S. G., Gibbs, I. C., Adler, J. R., Chang, S. D., Jackson, P. S., LIEBERSON, R. E., Choi, C. Y.
ELSEVIER SCIENCE INC.2009: S126-S126
- **Stereotactic Radiosurgery Yields Long-term Control for Benign Intradural, Extramedullary Spine Tumors** *51st Annual Meeting of the American-Society-for-Radiation-Oncology (ASTRO)*
Sachdev, S., Dodd, R. L., Chang, S. D., Soltys, S. G., Adler, J. R., Luxton, G., Choi, C. Y., Tupper, L. A., Gibbs, I. C.
ELSEVIER SCIENCE INC.2009: S101-S101
- **Predictors of peritumoral edema after stereotactic radiosurgery of supratentorial meningiomas** *NEUROSURGERY*
Patil, C. G., Hoang, S., Borchers, D. J., Sakamoto, G., Soltys, S. G., Gibbs, I. C., Harsh, G. R., Chang, S. D., Adler, J. R.
2008; 63 (3): 435-440
- **Technology insight: image-guided robotic radiosurgery - a new approach for noninvasive ablation of spinal lesions** *NATURE CLINICAL PRACTICE ONCOLOGY*
Romanelli, P., Adler, J. R.
2008; 5 (7): 405-414
- **Survival following CyberKnife radiosurgery and hypofractionated radiotherapy for newly diagnosed glioblastoma multiforme** *TECHNOLOGY IN CANCER RESEARCH & TREATMENT*
Lipani, J. D., Jackson, P. S., Soltys, S. G., Sato, K., Adler, J. R.
2008; 7 (3): 249-255
- **Multimodality treatment of posterior fossa arteriovenous malformations** *JOURNAL OF NEUROSURGERY*
Kelly, M. E., Guzman, R., Sinclair, J., Bell-Stephens, T. E., Bower, R., Hamilton, S., Marks, M. P., Do, H. M., Chang, S. D., Adler, J. R., Levy, R. P., Steinberg, G. K.
2008; 108 (6): 1152-1161
- **Excellent local control with stereotactic radiotherapy boost after external beam radiotherapy in patients with nasopharyngeal carcinoma** *87th Annual Meeting of the American-Radium-Society*
Hara, W., Loo, B. W., Goffinet, D. R., Chang, S. D., Adler, J. R., Pinto, H. A., Fee, W. E., Kaplan, M. J., Fischbein, N. J., Le, Q.
ELSEVIER SCIENCE INC.2008: 393-400
- **Radiation therapy and CyberKnife radiosurgery in the management of craniopharyngiomas** *NEUROSURGICAL FOCUS*
Lee, M., Kalani, M. Y., Cheshier, S., Gibbs, I. C., Adler, J. R., Chang, S. D.
2008; 24 (5)
- **The use of TLD and Gafchromic film to assure submillimeter accuracy for image-guided radiosurgery** *MEDICAL DOSIMETRY*
Ho, A. K., Gibbs, I. C., Chang, S. D., Main, B., Adler, J. R.
2008; 33 (1): 36-41

- **Cyberknife radiosurgery for trigeminal neuralgia treatment: A preliminary multicenter experience** *NEUROSURGERY*
Villavicencio, A. T., Lim, M., Burneikiene, S., Romanelli, P., Adler, J. R., McNeely, L., Chang, S. D., Fariselli, L., McIntyre, M., Bower, R., Broggi, G., Thramann, J. J.
2008; 62 (3): 647-654
- **Visual field preservation after multisession cyberknife radiosurgery for perioptic lesions.** *Neurosurgery*
Adler, J. R., Gibbs, I. C., Puataweepong, P., Chang, S. D.
2008; 62: 733-743
- **Stereotactic radiosurgery of the postoperative resection cavity for brain metastases** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*
Soltys, S. G., Adler, J. R., Lipani, J. D., Jackson, P. S., Choi, C. Y., Puataweepong, P., White, S., Gibbs, I. C., Chang, S. D.
2008; 70 (1): 187-193
- **Radiosurgery for glomus Jugulare tumors** *TECHNOLOGY IN CANCER RESEARCH & TREATMENT*
Lim, M., Bower, R., Nangiana, J. S., Adler, J. R., Chang, S. D.
2007; 6 (5): 419-423
- **Cyberknife radiosurgery for lesions of the foramen magnum** *TECHNOLOGY IN CANCER RESEARCH & TREATMENT*
Cheshier, S. H., Hanft, S. J., Adler, J. R., Chang, S. D.
2007; 6 (4): 329-335
- **Cyberknife targeting the pterygopalatine ganglion for the treatment of chronic cluster headaches.** *Neurosurgery*
Lad, S. P., Lipani, J. D., Gibbs, I. C., Chang, S. D., Adler, J. R., Henderson, J. M.
2007; 60 (3): E580-?
- **CyberKnife targeting the pterygopalatine ganglion for the treatment of chronic cluster headaches** *NEUROSURGERY*
Lad, S. P., Lipani, J. D., Gibbs, I. C., Chang, S. D., Adler, J. R., Henderson, J. M.
2007; 60 (3): 580-581
- **Image-guided robotic radiosurgery for spinal metastases** *RADIOTHERAPY AND ONCOLOGY*
Gibbs, I. C., Kammerdsupaphon, P., Ryu, M., Dodd, R., Kiernan, M., Change, S. D., Adler, J. R.
2007; 82 (2): 185-190
- **A study of the accuracy of CyberKnife spinal radiosurgery using skeletal structure tracking** *NEUROSURGERY*
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