



John R. Adler, MD

The Dorothy and Thye King Chan Professor in Neurosurgery, Emeritus

 Curriculum Vitae available Online

CONTACT INFORMATION

- **Alternate Contact**

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Bio

ACADEMIC APPOINTMENTS

- Emeritus Faculty - University Medical 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

- The Inaugural Ideals of Entrepreneurship Award, Emerging Entrepreneurs in Biomedical Technology, Biodesign Group, Stanford University (2005)
- Outstanding Achievement in Medicine, Santa Clara Valley Medical Association (2007)
- The Cushing Award for Excellence and Innovation in Neurosurgery, The American Association for Neurological Surgery (2018)
- The Thomas Fogarty Lecture, The Stanford Byers Center for Biodesign and The Fogarty Institute for Innovation (2018)

PROFESSIONAL EDUCATION

- 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

Publications

PUBLICATIONS

- **Reirradiation treatment effects in the clinic (ReTEC) proposal - proof of concept based on spinal cord dose tolerance for reirradiation with stereotactic body radiotherapy.** *Journal of applied clinical medical physics*
Grimm, J., Mahadevan, A., Obayomi-Davies, O., Soltys, S. G., Sahgal, A., Redmond, K. J., Milano, M. T., Tomé, W. A., Brooks, K., Dodd, S., Vargo, J. A., Subedi, G., Xue, et al
2026; 27 (4): e70557
- **Localized Nonablative Neuromodulatory Irradiation of the Nucleus Accumbens Ameliorates Voluntary Excessive Alcohol Consumption in Miniature Pigs.** *Neuromodulation : journal of the International Neuromodulation Society*
Yeh, C. I., Chen, K. H., Lin, C. H., Chen, Y., Xiao, F., You, W. C., Ju, Y. T., Chong, N. S., Barbosa, D. A., Halpern, C. H., Nakrani, P., Adler, J. R., Schneider, et al
2025
- **Treatment outcomes for hypoglossal schwannomas: insights from a single-institution experience and literature review.** *Journal of neurosurgery*
Kattaa, A. H., Park, D. J., Persad, A. R., Hori, Y. S., Kassu, R. A., Nasta, S. R., Voruganti, H., Akhavan-Sigari, A., Lam, F. C., AbuReesh, D., Han, S. S., Emrich, S. C., Ustrzynski, et al
2025: 1-11
- **LINAC stereotactic radiosurgery for vestibular schwannomas.** *Handbook of clinical neurology*
Ahmad, M., Dadey, D. Y., Chang, S. D., Adler, J. R.
2025; 212: 267-276
- **Global Growth and Distribution of CyberKnife Stereotactic Radiosurgery: A Bibliometric Analysis** *NEUROSURGERY PRACTICE*
Annagiri, S., Hori, Y. S., Persad, A. R. L., Ustrzynski, L., Emrich, S. C., Tayag, A., Park, D. J., Adler, J. R., Chang, S. D.
2025; 6 (3)
- **Global Growth and Distribution of CyberKnife Stereotactic Radiosurgery: A Bibliometric Analysis.** *Neurosurgery practice*
Annagiri, S., Hori, Y. S., Persad, A. R., Ustrzynski, L., Emrich, S. C., Tayag, A., Park, D. J., Adler, J. R., Chang, S. D.
2025; 6 (3): e000150
- **Space Radiation Dooms Elon's Mission to Mars but May Hack the Brain and Fix Depression.** *Cureus*
Adler, J. R.
2025; 17 (9): e92475
- **A Comparison of Whole-Brain Dose During Stereotactic Radiosurgery for Multiple Metastases Across Technology Platforms.** *Cureus*
Marianayagam, N. J., Wang, Z., Gutierrez, A. N., Wiczorek, D. J., Paddick, I., Hori, Y. S., Park, D. J., Chang, S. D., Key, S., Weidlich, G. A., Adler, J.
2025; 17 (9): e92442
- **Correction: Treatment of Refractory Bipolar Depression With Stereotactic Radiosurgery Targeting the Subgenual Cingulate Cortex.** *Cureus*
Solvason, H. B., Marianayagam, N. J., Soltys, S. G., Schatzberg, A. F., DeBattista, C., Ketter, T., Wang, P., Chang, S. D., Spiegel, D., Adler, J. R.
2025; 17 (9): c282
- **Nucleus Accumbens: A Therapeutic Target for Radiomodulation for the Treatment of Alcohol Use Disorder.** *Cureus*
Amurthur, R., Marianayagam, N. J., Park, D. J., Chang, S. D., Schneider, M. B., Adler, J.

2025; 17 (7): e88314

- **Phase I/II Dose-Escalation Trial of 3-Fraction Stereotactic Radiosurgery for Resection Cavities from Large Brain Metastases.** *International journal of radiation oncology, biology, physics*
Klebaner, D., Pollom, E. L., Rahimy, E., Gibbs, I. C., Adler, J. R., Chang, S. D., Li, G., Choi, C. Y., Soltys, S. G.
2025
- **Technical Assessment of the Targeting Accuracy of Stereotactic Frames.** *Cureus*
Weidlich, G. A., Marianayagam, N. J., Wiggers, R., Adler, J. R.
2025; 17 (1): e77091
- **Experimental and Monte Carlo based dosimetric investigation of a novel 3 mm radiosurgery 3 MV beam using the microSilicon detector.** *Journal of applied clinical medical physics*
Saße, K., Albers, K., Klassen, P. D., Marianayagam, N. J., Weidlich, G., Schneider, M. B., Chang, S., Adler, J., Poppe, B., Looe, H. K., Eulenstein, D.
2024: e14388
- **Commissioning of a novel 3 mm diameter cone for the ZAP-X system using a microSilicon detector**
Sasse, K., Albers, K., Klassen, P., Marianayagam, N. J., Weidlich, G., Schneider, M., Chang, S. D., Adler, J. R., Poppe, B., Looe, H., Eulenstein, D.
ELSEVIER IRELAND LTD.2024: S3352-S3355
- **Treatment of Refractory Bipolar Depression With Stereotactic Radiosurgery Targeting the Subgenual Cingulate Cortex** *CUREUS JOURNAL OF MEDICAL SCIENCE*
Solvason, H. B., Marianayagam, N. J., Soltys, S. G., Schatzberg, A. F., Debattista, C., Ketter, T., Wang, P., Chang, S. D., Spiegel, D., Adler, J. R.
2024; 16 (4)
- **Dosimetric Comparison of Dedicated Radiosurgery Platforms for the Treatment of Essential Tremor: Technical Report.** *Cureus*
Marianayagam, N. J., Paddick, I., Persad, A. R., Hori, Y. S., Maslowski, A., Thirunarayanan, I., Khanna, A. R., Park, D. J., Buch, V., Chang, S. D., Schneider, M. B., Yu, H., Weidlich, et al
2024; 16 (4): e57452
- **Treatment of Refractory Bipolar Depression With Stereotactic Radiosurgery Targeting the Subgenual Cingulate Cortex.** *Cureus*
Solvason, H. B., Marianayagam, N. J., Soltys, S. G., Schatzberg, A. F., DeBattista, C., Ketter, T., Wang, P., Chang, S. D., Spiegel, D., Adler, J. R.
2024; 16 (4): e57904
- **Commentary on "Navigation-Guided/Robot-Assisted Spinal Surgery: A Review Article".** *Neurospine*
Adler, J. R.
2024; 21 (1): 18-19
- **Socio-economic disparities influence likelihood of post-operative radiation to resection cavities of metastatic brain tumors.** *Acta neurochirurgica*
Haider, G., Dadey, D. Y., Rodrigues, A., Pollom, E. L., Adler, J. R., Veeravagu, A.
2023
- **Socio-economic disparities influence likelihood of post-operative radiation to resection cavities of metastatic brain tumors** *ACTA NEUROCHIRURGICA*
Haider, G., Dadey, D. Y. A., Rodrigues, A., Pollom, E. L., Adler, J. R., Veeravagu, A.
2023
- **Patterns of Progression in Patients with Newly Diagnosed Glioblastoma Treated with 5 mm Margins on a Phase I/II Trial of 5 Fraction Stereotactic Radiosurgery with Concurrent and Adjuvant Temozolomide.** *Practical radiation oncology*
Mendoza, M. G., Azoulay, M., Chang, S. D., Gibbs, I. C., Hancock, S. L., Pollom, E. L., Adler, J. R., Harraher, C., Li, G., Gephart, M. H., Nagpal, S., Thomas, R. P., Recht, et al
2023
- **Impact of socio-economic factors on radiation treatment after resection of metastatic brain tumors: trends from a private insurance database.** *Journal of neuro-oncology*
Dadey, D. Y., Rodrigues, A., Haider, G., Pollom, E. L., Adler, J. R., Veeravagu, A.
2022
- **Non-ablative doses of focal ionizing radiation alters function of central neural circuits.** *Brain stimulation*
Zaer, H., Fan, W., Orłowski, D., Glud, A. N., Jensen, M. B., Worm, E. S., Lukacova, S., Mikkelsen, T. W., Fitting, L. M., Jacobsen, L. M., Portmann, T., Hsieh, J. Y., Noel, et al

2022

- **Letter: The Path to Surgical Robotics in Neurosurgery.** *Operative neurosurgery (Hagerstown, Md.)*
Walcott, B. P., Spetzler, R. F., Chang, S. D., Muacevic, A., Moll, F., Adler, J. R.
2021
- **Neuromodulation via Focal Radiation: Radiomodulation Update.** *Cureus*
Schneider, M. B., Walcott, B., Adler, J. R.
2021; 13 (4): e14700
- **The Stanford stereotactic radiosurgery experience on 7000 patients over 2 decades (1999-2018): looking far beyond the scalpel.** *Journal of neurosurgery*
Fatima, N., Meola, A., Ding, V. Y., Pollom, E., Soltys, S. G., Chuang, C. F., Shahsavari, N., Hancock, S. L., Gibbs, I. C., Adler, J. R., Chang, S. D.
2021: 1–17
- **In Reply: The Zap-X Radiosurgical System in the Treatment of Intracranial Tumors: A Technical Case Report.** *Neurosurgery*
Adler, J. R., Weidlich, G.
2021
- **Self-Shielding for the ZAP-X (R): Revised Characterization and Evaluation** *CUREUS*
Weidlich, G. A., Schneider, M., Simcic, V., Oostman, Z., Adler, J. R.
2021; 13 (3)
- **Self-Shielding for the ZAP-X®: Revised Characterization and Evaluation.** *Cureus*
Weidlich, G. A., Schneider, M. B., Simcic, V., Oostman, Z., Adler, J. R.
2021; 13 (3): e13660
- **Lichenoid Keratosis Skin Biopsy: A Case Report of Malignant Hospital Charges** *CUREUS*
Adler, J. R., Do, H., Pfeffer, J.
2021; 13 (2): e13292
- **Effects of Focal Ionizing Radiation of the Squid Stellate Ganglion on Synaptic and Axonal Transmission in the Giant-Fiber Pathway** *CUREUS*
Gilly, W. F., Teal, P., Graves, E. E., Lo, J., Schneider, M., Zasio, R., Adler, J. R.
2021; 13 (2)
- **Effects of Focal Ionizing Radiation of the Squid Stellate Ganglion on Synaptic and Axonal Transmission in the Giant-Fiber Pathway.** *Cureus*
Gilly, W. F., Teal, P., Graves, E. E., Lo, J., Schneider, M. B., Zasio, R., Adler, J. R.
2021; 13 (2): e13110
- **The Zap-X Radiosurgical System in the Treatment of Intracranial Tumors: A Technical Case Report.** *Neurosurgery*
Pan, L., Qu, B., Bai, J., Huang, L., Wang, J., Wang, C., Dai, X., Weidlich, G., Adler, J. R.
2021
- **An Intracortical Implantable Brain-Computer Interface for Telemetric Real-Time Recording and Manipulation of Neuronal Circuits for Closed-Loop Intervention.** *Frontiers in human neuroscience*
Zaer, H., Deshmukh, A., Orłowski, D., Fan, W., Prouvot, P., Glud, A. N., Jensen, M. B., Worm, E. S., Lukacova, S., Mikkelsen, T. W., Fitting, L. M., Adler, J. R., Schneider, et al
2021; 15: 618626
- **Phase I/II Dose-Escalation Trial of 3-Fraction Stereotactic Radiosurgery for Resection Cavities From Large Brain Metastases: Health-related Quality of Life Outcomes.** *American journal of clinical oncology*
Rahimy, E., Dudley, S. A., von Eyben, R., Pollom, E. L., Seiger, K., Modlin, L., Wynne, J., Fujimoto, D., Jacobs, L. R., Chang, S. D., Gibbs, I. C., Hancock, S. L., Adler, et al
2021; 44 (11): 588-595
- **Stereotactic Radiosurgery for Vestibular Schwannomas: Tumor Control Probability Analyses and Recommended Reporting Standards.** *International journal of radiation oncology, biology, physics*
Soltys, S. G., Milano, M. T., Xue, J., Tome, W. A., Yorke, E., Sheehan, J., Ding, G. X., Kirkpatrick, J. P., Ma, L., Sahgal, A., Solberg, T., Adler, J., Grimm, et al
2020

- **Vestibular Migraine Following Radiosurgery for Vestibular Schwannoma** *CUREUS*
Chae, R., McDermott, M., Muacevic, A., Adler, J. R., Sharon, J. D.
2020; 12 (6)
- **Vestibular Migraine Following Radiosurgery for Vestibular Schwannoma.** *Cureus*
Chae, R., McDermott, M., Muacevic, A., Adler, J. R., Sharon, J. D.
2020; 12 (6): e8569
- **ZAP-X: A Novel Radiosurgical Device for the Treatment of Trigeminal Neuralgia** *CUREUS*
Romanelli, P., Chuang, C., Meola, A., Bodduluri, R. M., Adler, J. R.
2020; 12 (5)
- **ZAP-X: A Novel Radiosurgical Device for the Treatment of Trigeminal Neuralgia.** *Cureus*
Romanelli, P., Chuang, C., Meola, A., Bodduluri, R. M., Adler, J. R.
2020; 12 (5): e8324
- **Clinical Considerations in Neurosurgical Radiosurgery in the Time of COVID-19** *CUREUS*
Pannullo, S. C., Chidambaram, S., Brandmaier, A., Knisely, J., Adler, J.
2020; 12 (4)
- **Clinical Considerations in Neurosurgical Radiosurgery in the Time of COVID-19.** *Cureus*
Pannullo, S. C., Chidambaram, S., Brandmaier, A., Knisely, J., Adler, J. R.
2020; 12 (4): e7671
- **Effects of Focal Radiation on [18 F]-Fluoro-D-Glucose Positron Emission Tomography in the Brains of Miniature Pigs: Preliminary Findings on Local Metabolism.** *Neuromodulation : journal of the International Neuromodulation Society*
Yeh, C., Cheng, M., Xiao, F., Chen, Y., Liu, C., Chen, H., Yen, R., Ju, Y., Chen, Y., Bodduluri, M., Yu, P., Chi, C., Chong, et al
2020
- **Remote Robotic Spine Surgery.** *Neurospine*
Adler, J. R.
2020; 17 (1): 121–22
- **A Novel Approach for Treatment of Uterine Fibroids: Stereotactic Radiosurgery as a Proposed Treatment Modality** *CURRENT OBSTETRICS AND GYNECOLOGY REPORTS*
Nezhat, C., Vang, N., Vu, M., Grossman, J., Skinner, J., Robinson, K., Saini, K., Vaid, A., Maule, L., Adler, J. R., Jang, J. W., Gibbs, I. C.
2020; 9 (1): 1–6
- **Patents and Innovation Among Neurosurgeons from the American Association of Neurological Surgeons** *CUREUS*
Baron, R. B., Kessler, R. A., Bhammar, A., Boulis, N., Adler, J. R., Kohli, K., Hadjipanayis, C.
2020; 12 (2)
- **Patents and Innovation Among Neurosurgeons from the American Association of Neurological Surgeons.** *Cureus*
Baron, R. B., Kessler, R. A., Bhammar, A., Boulis, N., Adler, J. R., Kohli, K., Hadjipanayis, C.
2020; 12 (2): e7031
- **A Phase I/II Trial of 5-Fraction Stereotactic Radiosurgery with 5-mm Margins with Concurrent Temozolomide in Newly Diagnosed Glioblastoma: Primary Outcomes.** *Neuro-oncology*
Azoulay, M. n., Chang, S. D., Gibbs, I. C., Hancock, S. L., Pollom, E. L., Harsh, G. R., Adler, J. R., Harrahar, C. n., Li, G. n., Hayden Gephart, M. n., Nagpal, S. n., Thomas, R. P., Recht, et al
2020
- **A Perspective of International Collaboration Through Web-Based Telecommunication-Inspired by COVID-19 Crisis.** *Frontiers in human neuroscience*
Zaer, H., Fan, W., Orlowski, D., Glud, A. N., Andersen, A. S., Schneider, M. B., Adler, J. R., Stroh, A., Sorensen, J. C.
2020; 14: 577465
- **Radionecrosis and cellular changes in small volume stereotactic brain radiosurgery in a porcine model.** *Scientific reports*
Zaer, H. n., Glud, A. N., Schneider, B. M., Lukacova, S. n., Vang Hansen, K. n., Adler, J. R., Høyer, M. n., Jensen, M. B., Hansen, R. n., Hoffmann, L. n., Worm, E. S., Sørensen, J. C., Orlowski, et al

2020; 10 (1): 16223

- **Radionecrosis and cellular changes in small volume stereotactic brain radiosurgery in a porcine model.** *Scientific reports*
Zaer, H. n., Glud, A. N., Schneider, B. M., Lukacova, S. n., Vang Hansen, K. n., Adler, J. R., Høyer, M. n., Jensen, M. B., Hansen, R. n., Hoffmann, L. n., Worm, E. S., Sørensen, J. C., Orłowski, et al
2020; 10 (1): 16223
- **Long-Term Update of Stereotactic Radiosurgery for Benign Spinal Tumors** *NEUROSURGERY*
Chin, A. L., Fujimoto, D., Kumar, K. A., Tupper, L., Mansour, S., Chang, S. D., Adler, J. R., Gibbs, I. C., Hancock, S. L., Dodd, R., Li, G., Gephart, M., Ratliff, et al
2019; 85 (5): 708–16
- **Characterization of a Novel 3 Megavolt Linear Accelerator for Dedicated Intracranial Stereotactic Radiosurgery.** *Cureus*
Weidlich, G. A., Bodduluri, M., Achkire, Y., Lee, C., Adler, J. R.
2019; 11 (3): e4275
- **Characterization of a Novel 3 Megavolt Linear Accelerator for Dedicated Intracranial Stereotactic Radiosurgery** *CUREUS*
Weidlich, G. A., Bodduluri, M., Achkire, Y., Lee, C., Adler, J. R.
2019; 11 (3)
- **Stereotactic radiosurgery for resected brain metastases: single-institutional experience of over 500 cavities.** *International journal of radiation oncology, biology, physics*
Shi, S. n., Sandhu, N. n., Jin, M. C., Wang, E. n., Jaoude, J. A., Schofield, K. n., Zhang, C. n., Liu, E. n., Gibbs, I. C., Hancock, S. L., Chang, S. D., Li, G. n., Hayden-Gephart, et al
2019
- **Milestones in stereotactic radiosurgery for the central nervous system.** *Journal of clinical neuroscience : official journal of the Neurosurgical Society of Australasia*
Mitrasinovic, S., Zhang, M., Appelboom, G., Sussman, E., Moore, J. M., Hancock, S. L., Adler, J. R., Kondziolka, D., Steinberg, G. K., Chang, S. D.
2019; 59: 12–19
- **Milestones in stereotactic radiosurgery for the central nervous system** *JOURNAL OF CLINICAL NEUROSCIENCE*
Mitrasinovic, S., Zhang, M., Appelboom, G., Sussman, E., Moore, J. M., Hancock, S. L., Adler, J. R., Kondziolka, D., Steinberg, G. K., Chang, S. D.
2019; 59: 12–19
- **#OpenAccess: Free online, open-access crowdsource-reviewed publishing is the future; traditional peer-reviewed journals are on the way out** *CANADIAN JOURNAL OF EMERGENCY MEDICINE*
Adler, J. R., Chan, T. M., Blain, J., Thoma, B., Atkinson, P.
2019; 21 (1): 11–14
- **Clinical efficacy of frameless stereotactic radiosurgery in the management of spinal metastases from thyroid carcinoma.** *Spine*
Hariri, O. n., Takayanagi, A. n., Lischalk, J. n., Desai, K. n., Florence, T. J., Yazdian, P. n., Chang, S. D., Vrionis, F. n., Adler, J. R., Quadri, S. A., Desai, A. n.
2019
- **#OpenAccess: Free online, open-access crowdsource-reviewed publishing is the future; traditional peer-reviewed journals are on the way out.** *CJEM*
Adler, J. R., Chan, T. M., Blain, J. B., Thoma, B., Atkinson, P.
2019; 21 (1): 11–14
- **Correction: Characterization of a Novel Revolving Radiation Collimator.** *Cureus*
Weidlich, G. A., Schneider, M. B., Adler, J. R.
2019; 11 (5): c21
- **Correction: Self-Shielding Analysis of the Zap-X System.** *Cureus*
Weidlich, G. A., Schneider, M. B., Adler, J. R.
2019; 11 (5): c22
- **Radiographic Rate and Clinical Impact of Pseudarthrosis in Spine Radiosurgery for Metastatic Spinal Disease.** *Cureus*
Zhang, M., Appelboom, G., Ratliff, J. K., Soltys, S. G., Adler, J. R., Park, J., Chang, S. D.
2018; 10 (11): e3631

- **Radiographic Rate and Clinical Impact of Pseudarthrosis in Spine Radiosurgery for Metastatic Spinal Disease** *CUREUS*
Zhang, M., Appelboom, G., Ratliff, J. K., Soltys, S. G., Adler, J. R., Park, J., Chang, S. D.
2018; 10 (11)
- **Brainstem Dose Constraints in Nonisometric Radiosurgical Treatment Planning of Trigeminal Neuralgia: A Single-Institution Experience** *WORLD NEUROSURGERY*
Zhang, M., Lamsam, L. A., Schoen, M. K., Mehta, S. S., Appelboom, G., Adler, J. K., Soltys, S. G., Chang, S. D.
2018; 113: E399–E407
- **Characterization of a Novel Revolving Radiation Collimator** *CUREUS*
Weidlich, G. A., Schneider, M., Adler, J. R.
2018; 10 (2): e2146
- **Long-Term Update of Stereotactic Radiosurgery for Benign Spinal Tumors.** *Neurosurgery*
Chin, A. L., Fujimoto, D. n., Kumar, K. A., Tupper, L. n., Mansour, S. n., Chang, S. D., Adler, J. R., Gibbs, I. C., Hancock, S. L., Dodd, R. n., Li, G. n., Gephart, M. H., Ratliff, et al
2018
- **Impact of CyberKnife Radiosurgery on Median Overall Survival of Various Parameters in Patients with 1-12 Brain Metastases.** *Cureus*
Murovic, J., Ding, V., Han, S. S., Adler, J. R., Chang, S. D.
2017; 9 (12): e1926
- **Self-Shielding Analysis of the Zap-X System.** *Cureus*
Weidlich, G. A., Schneider, M. B., Adler, J. R.
2017; 9 (12): e1917
- **Impact of CyberKnife Radiosurgery on Median Overall Survival of Various Parameters in Patients with 1-12 Brain Metastases** *CUREUS*
Murovic, J., Ding, V., Han, S. S., Adler, J. R., Chang, S. D.
2017; 9 (12)
- **Self-Shielding Analysis of the Zap-X System** *CUREUS*
Weidlich, G. A., Schneider, M., Adler, J. R.
2017; 9 (12)
- **Radiosurgical Treatment Verification Using Removable Megavoltage Radiation Detectors** *CUREUS*
Jenkins, C. H., Kahn, R., Weidlich, G. A., Adler, J. R.
2017; 9 (11): e1889
- **Impact of CyberKnife Radiosurgery on Overall Survival and Various Parameters of Patients with 1-3 versus ≥ 4 Brain Metastases** *CUREUS*
Murovic, J., Ding, V., Han, S. S., Adler, J. R., Chang, S. D.
2017; 9 (10)
- **Treatment Planning for Self-Shielded Radiosurgery.** *Cureus*
Adler, J. R., Schweikard, A., Achkire, Y., Blanck, O., Bodduluri, M., Ma, L., Zhang, H.
2017; 9 (9): e1663
- **Treatment Planning for Self-Shielded Radiosurgery** *CUREUS*
Adler, J. R., Schweikard, A., Achkire, Y., Blanck, O., Bodduluri, M., Ma, L., Zhang, H.
2017; 9 (9)
- **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
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- **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.

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- **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*
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