



Scott G. Soltys, MD

Professor of Radiation Oncology (Radiation Therapy) and, by courtesy, of Neurosurgery

Radiation Oncology - Radiation Therapy

CLINICAL OFFICE (PRIMARY)

- **Department of Radiation Oncology**

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ACADEMIC CONTACT INFORMATION

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Bio

CLINICAL FOCUS

- Cancer > Radiation Oncology
- Radiosurgery
- Brain Tumors
- Spinal Tumors
- Trigeminal Neuralgia
- Radiation Oncology

ACADEMIC APPOINTMENTS

- Professor-Univ Med Line, Radiation Oncology - Radiation Therapy
- Professor-Univ Med Line (By courtesy), Neurosurgery
- Member, Stanford Cancer Institute

HONORS AND AWARDS

- Association of Residents in Radiation Oncology (ARRO) Educator of the Year, Association of Residents in Radiation Oncology (ARRO) (2019)
- Sarah S. Donaldson Mentorship Reward, Stanford Radiation Oncology (2017)
- Henry Kaplan Memorial Prize for Teaching, Stanford Radiation Oncology (2015)
- Young Investigator Award, International Stereotactic Radiosurgery Society (ISRS) (2009)
- Henry Kaplan Memorial Prize for Teaching, Stanford Radiation Oncology (2007)
- AACR/ASCO Methods in Clinical Cancer Research Workshop Grant, AACR/ASCO (2006)
- Malcolm A. Bagshaw Award, Stanford Radiation Oncology (2004)
- Oncology Fellows Travel Grant, Annenberg Center for Health Sciences (2003)
- RSNA Roentgen Resident Research Award, Radiological Society of North America (2003)
- Alpha Omega Alpha, National Medical Honor Society (1999)

- Bronze Tablet University Honors, University of Illinois (1995)
- Phi Beta Kappa, National Honor Society (1995)

PROFESSIONAL EDUCATION

- Residency: Stanford University Dept of Radiation Oncology (2005) CA
- Board Certification: Radiation Oncology, American Board of Radiology (2006)
- Internship: Oakwood Healthcare System (2001) MI
- Medical Education: University of Michigan School of Medicine (2000) MI
- B.S., University of Illinois , Cell and Structural Biology (1995)
- M.D., Univeristy of Michigan , Medicine (2000)

LINKS

- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

My clinical and research interests focus on the development of new radiation techniques involving stereotactic radiosurgery and radiotherapy for the treatment of malignant and benign tumors of the brain and spine, as well as functional disorders such as trigeminal neuralgia.

CLINICAL TRIALS

- A Study of Amifostine for Prevention of Facial Numbness in Radiosurgery Treatment of Trigeminal Neuralgia, Not Recruiting
- A Study of Patient Reported Outcomes After Stereotactic Radiosurgical Rhizotomy for Trigeminal Neuralgia, Not Recruiting
- Comparing the Addition of Radiation Either Before or After Surgery for Patients With Brain Metastases, Not Recruiting
- CT Perfusion Imaging in Predicting Treatment Response in Patients With Non-small Cell Lung Cancer or Lung Metastases Treated With Stereotactic Ablative Radiation Therapy, Not Recruiting
- Diffusion Tensor Imaging Magnetic Resonance Imaging (DTI MRI) as a Correlate to Pain Relief and Facial Numbness in Patients Following Stereotactic Radiosurgical Rhizotomy for Trigeminal Neuralgia, Not Recruiting
- Memantine Hydrochloride and Whole-Brain Radiotherapy With or Without Hippocampal Avoidance in Reducing Neurocognitive Decline in Patients With Brain Metastases, Not Recruiting
- Observation or Radiation Therapy in Treating Patients With Newly Diagnosed Grade II Meningioma That Has Been Completely Removed by Surgery, Not Recruiting
- Phase 1-2 of Temozolomide and Hypofractionated Radiotherapy in Tx of Supratentorial Glioblastoma Multiform, Not Recruiting
- Study of Fractionated Stereotactic Radiosurgery to Treat Large Brain Metastases, Not Recruiting
- Study of REGN2810 (Anti-PD-1) in Patients With Advanced Malignancies, Not Recruiting
- Study of Tumor Treating Fields With Hypofractionated Chemoradiotherapy in Newly Diagnosed Glioblastoma, Not Recruiting
- Vaccine Therapy With Bevacizumab Versus Bevacizumab Alone in Treating Patients With Recurrent Glioblastoma Multiforme That Can Be Removed by Surgery, Not Recruiting
- Avoiding the Hippocampus During Whole-Brain Radiation Therapy in Treating Patients With Brain Metastases, Not Specified
- Whole-Brain Radiation Therapy or Stereotactic Radiosurgery With or Without Lapatinib Ditosylate in Treating Patients With Brain Metastasis From HER2-Positive Breast Cancer, Not Specified

Publications

PUBLICATIONS

- **Efficacy and Safety of CyberKnife Stereotactic Radiosurgery for Occipital Condyle Metastasis.** *Neurosurgery practice*

- Park, D. J., Voruganti, H., Annagiri, S., Shaghaghian, E., Hori, Y. S., Persad, A. R., Yoo, K. H., Abu-Reesh, D., Lam, F. C., Tayag, A., Ustrzynski, L., Emrich, S. C., Han, et al
2025; 6 (4): e000169
- **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
 - **Stereotactic radiosurgery for hepatitis C virus-related hepatocellular carcinoma brain metastasis: A retrospective analysis and systematic review** *WORLD NEUROSURGERY-X*
Izhar, M., Hori, Y. S., Kattaa, A. H., Lam, F. C., Kalra, N., Zagzoog, N., Tayag, A., Ustrzynski, L., Emrich, S. C., Pollom, E. L., Soltys, S. G., Gephart, M., Park, et al
2025; 28
 - **Repeat stereotactic radiosurgery for treatment of brain metastases locally recurrent following initial radiosurgery.** *Journal of neuro-oncology*
Hall, J. C., Goel, K., Lozko, Y., Chang, S. D., Park, D. J., Hori, Y. S., Lam, F. C., AbuReesh, D., Jackson, S., Li, G., Hayden-Gephart, M., Kaneko, T., Nagpal, et al
2025
 - **Etinotecan Pegol (NKTR-102) in Patients With Active Brain Metastases From Lung or Breast Cancer.** *Cancer reports (Hoboken, N.J.)*
Nagpal, S., Nguyen, K. S., Bertrand, S., Cunanan, K. M., Padda, S. K., Pagtama, J. Y., Tisch, A. H., Coffey, G., Thomas, R. P., Sledge, G. W., Gruber, J., Telli, M. L., Pegram, et al
2025; 8 (9): e70330
 - **Deep Learning Based Automated Delineation of Vestibular Schwannomas: Geometric and Dosimetric Validation**
Szalkowski, G. A., Zhang, K., Ye, X., Wang, L., Chuang, C., Liu, L., Park, D., Hori, Y., Lam, F., Reesh, D., Soltys, S. G., Pollom, E. L., Rahimy, et al
ELSEVIER SCIENCE INC.2025
 - **A Large Language Model-Augmented Multimodal Framework for Predicting Pain Relief Outcomes Following Stereotactic Body Radiotherapy (SBRT) in Spinal Metastases: Integrating Clinical Factors and Imaging Reports**
Zhang, K., Ye, X., Szalkowski, G. A., Yang, Z., Chuang, C., Wang, L., Liu, L., Soltys, S. G., Pollom, E. L., Rahimy, E., Byun, J., Park, D., Hori, et al
ELSEVIER SCIENCE INC.2025
 - **Long-Term Safety and Efficacy of SRS for Nonmalignant CNS Indications in Children and Young Adults**
Smith, E. J., Baniel, C. C., Wang, Y. P., Chang, S. D., Gibbs, I. C., Oh, J., Pollom, E. L., Rahimy, E., Soltys, S. G., Hiniker, S. M.
ELSEVIER SCIENCE INC.2025
 - **Predictive Factors for Survival after Reirradiation of IDH Mutant High-Grade Glioma**
Petersen, J., Russell, G., Lecompte, M. C., Liu, W., Jona, H. G., Halasz, L. M., Soltys, S. G., Braunstein, S. E., Wang, T. C., Shi, W., Shen, C., Mignano, J. E., Masters, et al
ELSEVIER SCIENCE INC.2025: E292-E293
 - **Clinical Target Volume Delineation in Stereotactic Radiosurgery for Sacral Spine Metastases**
Jaoude, J., Klebaner, D., Kaneko, T. L., Laljani, R. R., Pratapneni, A., Kolipara, T., Rahimy, E., Gibbs, I. C., Chang, S. D., Park, D., Pollom, E. L., Soltys, S. G.
ELSEVIER SCIENCE INC.2025
 - **Feasibility Study of an AI-Assisted MRI-Only Simulation-Free Radiation Therapy Workflow**
Yang, Z., Szalkowski, G. A., Rahimy, E., Lewis, J., Pham, D., Yang, Y., Gao, Y., Wang, L., Soltys, S. G., Zhang, K., Kazemimoghadam, M., Wang, Q., Chen, et al
ELSEVIER SCIENCE INC.2025: e127
 - **Management of Succinate Dehydrogenase-Mutant Paraganglioma with Stereotactic Radiosurgery**
Harary, P. M., Hori, Y., Zamarud, A., Lam, F., Reesh, D., Emrich, S. C., Tayag, A., Ustrzynski, L., Pollom, E. L., Soltys, S. G., Li, G., Park, D., Chang, et al
ELSEVIER SCIENCE INC.2025
 - **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

- **Repeat Stereotactic Radiosurgery for Spinal Metastases Following Initial Radiosurgery: Comparison of Same Versus Adjacent Vertebral Levels**
Kaneko, T., Chuang, C. F., Klebaner, D., Jaoude, J., Kollipara, T., Kumar Jr, K. A., Fujimoto, D. K., Mendoza, M. G., Park, D., Rahimy, E., Gibbs, I. C., Chang, S. D., Pollom, et al
LIPPINCOTT WILLIAMS & WILKINS.2025: S39
- **Perilesional Edema as a Predictor of Local Failure in Metastatic Brain Lesions Treated with Stereotactic Radiosurgery: A Systematic Review and Meta-Analysis: Perilesional Edema and Local Failure.** *International journal of radiation oncology, biology, physics*
Akhavan-Sigari, A., Sbaih, O., Hori, Y. S., Mathieu, D., Byun, J., Pollom, E. L., Soltys, S. G., Park, D. J., Chang, S. D.
2025
- **Vertebral fracture following primary stereotactic body radiation therapy for spinal bone metastases: a decade of experience.** *Journal of neurosurgery. Spine*
Chou, K. N., Park, D. J., Sanker, V., Ye, X., Hori, Y. S., Persad, A. R., Chuang, C., Emrich, S. C., Ustrzynski, L. P., Tayag, A., Kumar, K. A., Usoz, M., Mendoza, et al
2025: 1-11
- **Understanding the Radiobiology of Central Nervous System Diseases in the Golden Age of Radiosurgery-Does It Matter?** *Brain sciences*
Lam, F. C., Byun, J., Guru, S., AbuReesh, D., Hori, Y. S., Rahimy, E., Pollom, E. L., Soltys, S., Park, D. J., Chang, S. D.
2025; 15 (6)
- **Recursive partitioning for radionecrosis: filling the gaps in post-SRS risk prediction.** *Journal of neuro-oncology*
Milano, M. T., Redmond, K. J., Soltys, S. G.
2025
- **Radiosurgical management of SDHx-related paraganglioma.** *Journal of clinical neuroscience : official journal of the Neurosurgical Society of Australasia*
Harary, P. M., Hori, Y. S., Zamarud, A., Lam, F. C., Abu-Reesh, D., Emrich, S. C., Tayag, A., Ustrzynski, L., Pollom, E. L., Soltys, S. G., Li, G., Park, D. J., Chang, et al
2025; 138: 111387
- **Robotic radiosurgery for the treatment of pediatric arteriovenous malformations.** *Journal of neurosurgery. Pediatrics*
Kim, L. H., Treechairusame, T., Chiang, J., White, Z., Jackson, S., Quon, J. L., Appelboom, G., Chang, S. D., Soltys, S. G., Guzman, R., Cheshier, S., Dodd, R. L., Grant, et al
2025: 1-13
- **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
- **Perceptions, Uses, and Information Sources of Medical Cannabis Among Patients With Cancer** *ADVANCES IN RADIATION ONCOLOGY*
Qu, V., Hui, C., Hall, J., Taparra, K., Kollipara, T., Trieu, S., Beadle, B., Soltys, S., Pollom, E. L.
2025; 10 (3)
- **Perceptions, Uses, and Information Sources of Medical Cannabis Among Patients With Cancer.** *Advances in radiation oncology*
Qu, V., Hui, C., Hall, J., Taparra, K., Kollipara, T., Trieu, S., Beadle, B., Soltys, S., Pollom, E. L.
2025; 10 (3): 101678
- **Single- versus multi-fraction spine stereotactic radiosurgery (ALL-STAR) for patients with spinal metastases: a randomized phase III trial protocol.** *BMC cancer*
Pratapneni, A., Klebaner, D., Soltys, S. G., Rahimy, E., Gibbs, I. C., Chang, S. D., Li, G., Hayden Gephart, M., Veeravagu, A., Szalkowski, G. A., Gu, X., Wang, L., Chuang, et al
2025; 25 (1): 323
- **Use of Carbon Fiber Implants to Improve the Safety and Efficacy of Radiation Therapy for Spine Tumor Patients.** *Brain sciences*
Lam, F. C., Guru, S., AbuReesh, D., Hori, Y. S., Chuang, C., Liu, L., Wang, L., Gu, X., Szalkowski, G. A., Wang, Z., Wohlers, C., Tayag, A., Emrich, et al
2025; 15 (2)

- **Stereotactic Radiosurgery for Vestibular Schwannoma - A Case-Based Practice Guide from the Radiosurgery Society.** *Practical radiation oncology*
Ehret, F., Bhandarkar, A. R., Chisam, M., Goulenko, V., Kumar, R., Fekrmandi, F., Skalina, K. A., Kresl, J., Lo, S. S., Gibbs, I. C., Soltys, S. G., Sheehan, J. P., Furweger, et al
2025
- **Deep learning-based overall survival prediction in patients with glioblastoma: An automatic end-to-end workflow using pre-resection basic structural multiparametric MRIs.** *Computers in biology and medicine*
Yang, Z., Zamarud, A., Marianayagam, N. J., Park, D. J., Yener, U., Soltys, S. G., Chang, S. D., Meola, A., Jiang, H., Lu, W., Gu, X.
2024; 185: 109436
- **Primary Stereotactic Body Radiotherapy for Spinal Bone Metastases From Lung Adenocarcinoma** *CLINICAL LUNG CANCER*
Chou, K., Park, D. J., Hori, Y. S., Persad, A. R., Chuang, C., Emrish, S. C., Ustrzynski, L., Tayag, A., Kumar, K., Usoz, M., Mendoza, M., Rahimy, E., Pollom, et al
2024; 25 (7): e337-e347
- **Repeat Stereotactic Radiosurgery in Patients with Spinal Metastases Recurrent Following Initial Radiosurgery**
Jaoude, J., Chuang, C. F., Klebaner, D., Pratapneni, A., Kolipara, T., Kumar, K. A., Fujimoto, D. K., Mendoza, M. G., Park, D., Persad, A., Hori, Y., Rahimy, E., Gibbs, et al
ELSEVIER SCIENCE INC.2024: E212-E213
- **A Deep Learning-Driven Framework for Large Language Model -Assisted Automatic Target Volume Localization and Delineation for Enhancing Spinal Metastases Stereotactic Body Radiotherapy Workflow**
Yang, Z., Kazemimoghadam, M., Wang, L., Szalkowski, G. A., Chuang, C. F., Liu, L., Soltys, S. G., Pollom, E., Rahimy, E., Jiang, H., Park, D., Persad, A., Hori, et al
ELSEVIER SCIENCE INC.2024: S61-S62
- **Misinformation Regarding Medical Cannabis as a Cancer Cure among Patients with Central Nervous System and Gastrointestinal Cancer**
Qu, V., Hui, C., Hall, J., Tapparra, K., Kolipara, T., Soltys, S. G., Beadle, B. M., Trieu, S., Pollom, E.
ELSEVIER SCIENCE INC.2024: E710
- **CDKN2A/B Alterations are Associated with Worse Prognosis in IDH Mutated 1p/19q Co-Deleted Oligodendrogliomas**
Mai, W. X., Swamy, A., Ho, J., Flores, K. Z., Eldred, B., Li, Q., Cloughesy, T. F., Lai, A., Soltys, S. G.
ELSEVIER SCIENCE INC.2024: E255-E256
- **A Multi Institutional Study of the Impact of Reirradiation Dose for Recurrent High Grade Glioma**
Helis, C. A., Zarabi, H., Russell, G., LeCompte, M. C., Liu, W., Hattangadi-Gluth, J. A., Halasz, L. M., Soltys, S. G., Braunstein, S. E., Wang, T. C., Shi, W., Shen, C., Mignano, et al
ELSEVIER SCIENCE INC.2024: S212
- **Stereotactic Radiosurgery for Spinal Metastases with Gastrointestinal Histology vs. Other Radioresistant Histologies**
Pratapneni, A., Klebaner, D., Jaoude, J. A., Kolipara, T., Kumar, K. A., Rahimy, E., Gibbs, I. C., Mendoza, M. G., Persad, A., Hori, Y., Park, D., Chang, S. D., Chou, et al
ELSEVIER SCIENCE INC.2024: E395
- **Stereotactic Radiosurgery for Newly Diagnosed and Recurrent Chordomas of the Skull Base and Spine**
Ho, J., Klebaner, D., Mendoza, M., Fujimoto, D. K., Turner, B. E., Pollom, E., Gibbs, I. C., Chang, S. D., Dodd, R. L., Park, D., Kattaa, A., Persad, A., Hori, et al
ELSEVIER SCIENCE INC.2024: E237
- **Local Failure after Radiosurgery for Spinal Metastases with Epidural Spinal Cord Compression**
Kolipara, T., Klebaner, D., Jaoude, J. A., Pratapneni, A., Gibbs, I. C., Pollom, E., Rahimy, E., Kumar, K. A., Mendoza, M., Persad, A., Hori, Y., Park, D., Chang, et al
ELSEVIER SCIENCE INC.2024: E247
- **Treatment Patterns and Outcomes for Colorectal Cancer Spine Metastases Treated with SRS**
Klebaner, D., Jaoude, J. A., Pratapneni, A., Chang, S. D., Gibbs, I. C., Kolipara, T., Kumar, K. A., Rahimy, E., Park, D., Fujimoto, D. K., Mendoza, M., Persad, A., Soltys, et al
ELSEVIER SCIENCE INC.2024: E244-E245
- **Robotic Radiosurgery for the Treatment of Pediatric Arteriovenous Malformations**

Treechirusame, T., Kim, L., Chiang, J. S., White, Z. B., Jackson, S., Quon, J., Mehta, S. S., Appelboom, G., Chang, S. D., Soltys, S. G., Guzman, R., Cheshier, S., Dodd, et al
ELSEVIER SCIENCE INC.2024: E281-E282

- **Enhancing Histological Image Analysis through Unsupervised Attention-Guided Robust Stain Normalization**
Yang, Z., Melemenidis, S., Jiang, H., Fu, J., Viswanathan, V., Dutt, S., Manjappa, R., Lau, B. C., Soto, L. A., Ashraf, M. R., Skinner, L., Yu, A. J., Surucu, et al
WILEY.2024: 6599
- **A Deep Learning-Driven Framework for Large Language Model-Assisted Automatic Target Volume Localization and Delineation in Spinal Metastases Stereotactic Body Radiotherapy**
Yang, Z., Kazemimoghadam, M., Wang, L., Szalkowski, G., Chuang, C. Y., Liu, L., Soltys, S., Pollom, E., Rahimy, E., Jiang, H., Park, D., Persad, A., Hori, et al
WILEY.2024: 6612-6613
- **Stereotactic body radiotherapy for painful spinal metastases: a decade of experience at a single institution.** *Journal of neurosurgery. Spine*
Chou, K. N., Park, D. J., Hori, Y. S., Persad, A. R., Chuang, C. F., Emrich, S. C., Ustrzynski, L., Tayag, A., Kumar, K. A., Usoz, M., Mendoza, M., Rahimy, E., Pollom, et al
2024: 1-9
- **Stereotactic Radiosurgery for Residual, Recurrent, and Metastatic Hemangiopericytomas: A Single-Institution Retrospective Experience.** *Neurosurgery*
Yoo, K. H., Park, D. J., Veeravagu, A., Persad, A., Lee, M., Marianayagam, N. J., Zamarud, A., Gu, X., Pollom, E. L., Soltys, S. G., Meola, A., Chang, S. D.
2024
- **The Assistant Clinical Research Coordinator Program: A Pathway for Recruitment in Radiation Oncology.** *Advances in radiation oncology*
Aboytes, M., Cody, M., Laseinde, E., Hall, J., Soltys, S., Beadle, B., Kidd, E., Qian, Y., Koong, A. C., Chang, D., Le, Q., Pollom, E. L.
2024; 9 (7): 101504
- **The Role of CyberKnife Stereotactic Radiosurgery in Recurrent Cranial Medulloblastomas across Pediatric and Adult Populations.** *Journal of clinical medicine*
Yoo, K. H., Marianayagam, N. J., Park, D. J., Zamarud, A., Gu, X., Pollom, E., Soltys, S. G., Meola, A., Chang, S. D.
2024; 13 (12)
- **Multi-institutional study of reirradiation for recurrent high grade glioma**
Helis, C. A., Zarabi, H., Russell, G., LeCompte, M., Liu, W., Hattangadi-Gluth, J., Halasz, L., Soltys, S. G., Braunstein, S. E., Wang, T. J. C., Shi, W., Shen, C., Mignano, et al
LIPPINCOTT WILLIAMS & WILKINS.2024
- **A phase II study of plerixafor combined with whole brain radiation therapy (WBRT) for patients with newly diagnosed glioblastoma**
Cao, T., Gu, Y., Yagmurlu, B., Yerraballa, H., Bertrand, S., Naya, L., Miller, K., Iv, M., Soltys, S. G., Patel, C. B., Nagpal, S., Thomas, R., Brown, et al
LIPPINCOTT WILLIAMS & WILKINS.2024
- **Primary Stereotactic Body Radiotherapy for Spinal Bone Metastases From Lung Adenocarcinoma.** *Clinical lung cancer*
Chou, K. N., Park, D. J., Hori, Y. S., Persad, A. R., Chuang, C., Emrich, S. C., Ustrzynski, L., Tayag, A., Kumar, K., Usoz, M., Mendoza, M., Rahimy, E., Pollom, et al
2024
- **Stereotactic Radiosurgery for Ependymoma in Pediatric and Adult Patients: A Single-Institution Experience.** *Neurosurgery*
Yoo, K. H., Marianayagam, N. J., Park, D. J., Persad, A., Zamarud, A., Shaghaghian, E., Tayag, A., Ustrzynski, L., Emrich, S. C., Gu, X., Ho, Q. A., Soltys, S. G., Meola, et al
2024
- **CyberKnife stereotactic radiosurgery for extramedullary plasmacytoma in the external auditory canal: illustrative case.** *Journal of neurosurgery. Case lessons*
Patil, S., Shaghaghian, E., Yuan, L., Shah, A., Marianayagam, N. J., Park, D. J., Soltys, S. G., Veeravagu, A., Gibbs, I. C., Li, G., Chang, S. D.
2024; 7 (19)
- **Where Does Auto-Segmentation for Brain Metastases Radiosurgery Stand Today?** *Bioengineering (Basel, Switzerland)*
Kim, M., Wang, J. Y., Lu, W., Jiang, H., Stojadinovic, S., Wardak, Z., Dan, T., Timmerman, R., Wang, L., Chuang, C., Szalkowski, G., Liu, L., Pollom, et al

2024; 11 (5)

- **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
- **Executive Summary of the American Radium Society Appropriate Use Criteria for Brain Metastases in EGFR-mutated and ALK-fusion Non-Small Cell Lung Cancer.** *Neuro-oncology*
Nagpal, S., Milano, M. T., Chiang, V. L., Soltys, S. G., Brackett, A., Halasz, L. M., Garg, A. K., Sahgal, A., Ahluwalia, M. S., Tom, M. C., Palmer, J. D., Knisley, J. P., Chao, et al
2024
- **Evolving concepts in margin strategies and adaptive radiotherapy for glioblastoma: A new future is on the horizon.** *Neuro-oncology*
Tseng, C. L., Zeng, K. L., Mellon, E. A., Soltys, S. G., Ruschin, M., Lau, A. Z., Lutsik, N. S., Chan, R. W., Detsky, J., Stewart, J., Maralani, P. J., Sahgal, A.
2024; 26 (Supplement_1): S3-S16
- **Surgery and stereotactic radiosurgery for spinal leiomyosarcoma: a single-institution retrospective series and systematic review.** *Journal of neurosurgery. Spine*
Zamarud, A., Marianayagam, N. J., Sekar, V., Testa, S., Park, D. J., Yener, U., McCleary, T. L., Yoo, K. H., Emrich, S., Tayag, A., Ustrzynski, L., Pollom, E., Soltys, et al
2023: 1-13
- **Impact of language barriers and use of interpreters on hope among patients with Central Nervous System Malignancies and Bone Metastases.** *International journal of radiation oncology, biology, physics*
Hui, C., Hall, J., Fang, Z., Lefebvre, S., Hayden-Gephart, M., Li, G., Meola, A., Nagpal, S., Soltys, S., Pollom, E.
2023
- **Spinal metastases of pineal region glioblastoma with primitive neuroectodermal features highlighting the importance of molecular diagnoses: illustrative case.** *Journal of neurosurgery. Case lessons*
Shah, A., Marianayagam, N. J., Zamarud, A., Park, D. J., Persad, A. R., Soltys, S. G., Chang, S. D., Veeravagu, A.
2023; 6 (20)
- **STEREOTACTIC RADIOSURGERY FOR RESIDUAL, RECURRENT, AND METASTATIC HEMANGIOPERICYTOMAS: A SINGLE INSTITUTION EXPERIENCE**
Yoo, K., Park, D., Veeravagu, A., Lee, M., Marianayagam, N., Zamarud, A., Gu, X., Pollom, E., Soltys, S., Chang, S., Meola, A.
OXFORD UNIV PRESS INC.2023
- **STEREOTACTIC RADIOSURGERY FOR CYSTIC AND SOLID INTRACRANIAL HEMANGIOBLASTOMAS: A SINGLE-INSTITUTION RETROSPECTIVE SERIES**
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