



Kelly H. Cogan-Yoo, MD, PhD

Postdoctoral Scholar, Genetics

Bio

INSTITUTE AFFILIATIONS

- Member, Maternal & Child Health Research Institute (MCHRI)

HONORS AND AWARDS

- Clinician-Scientist Track, Neurosurgery, Ärztekammer Baden-Württemberg
- Wu Tsai Neurosciences Interdisciplinary Fellowship, Wu Tsai Neurosciences Institute
- German Academic International Network (GAIN), Scholarship

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- California State Medical License, Medical Board of California via Ärztekammer Baden-Württemberg (2025 - present)
- United States Medical License, ECFMG (2024 - present)
- European Board of Neurological Surgery, Clinician-Scientist Track, European Association of Neurosurgical Societies (EANS/UEMS) (2023 - present)

PROFESSIONAL EDUCATION

- M.D., Ruprecht-Karls-University Heidelberg, Germany , Medicine (2019)
- Ph.D., Ruprecht-Karls-University Heidelberg, Germany , Medicine, CAR-T Cell Immunotherapy (2021)

Publications

PUBLICATIONS

- **Surgical management of ventral epidural cerebrospinal fluid leak: a scoping review and illustrative case.** *European spine journal : official publication of the European Spine Society, the European Spinal Deformity Society, and the European Section of the Cervical Spine Research Society*
Pant, A., Yoo, K., Hani, U., Schonfeld, E., Park, L., Telischak, N., Veeravagu, A.
2026
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2026
- **Clinical and radiological outcomes of orbital metastases treated with stereotactic radiosurgery: a single-institution retrospective series and review of the literature.** *Journal of neurosurgery*
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- **Risk-stratified management of ankylosing spondylitis-related spinal fractures-a meta-synthesis of contemporary surgical and nonsurgical strategies: a narrative review.** *Journal of spine surgery (Hong Kong)*
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- **Current state and future perspectives of spinal navigation and robotics-an AO spine survey.** *Brain & spine*
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- **Efficacy and Safety of CyberKnife Stereotactic Radiosurgery for Occipital Condyle Metastasis.** *Neurosurgery practice*
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- **Initial Clinical Outcomes in the Treatment of Brain Metastasis With Gyroscopic Radiosurgery at a Single Institution.** *Cureus*
McCleary, T. L., Marianayagam, N. J., Yuan, L., Yoo, K. H., Sekar, V., Persad, A., Park, D. J., Meola, A., Klassen, P. D., Chang, S. D.
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- **STEREOTACTIC RADIOSURGERY AND IMMUNOTHERAPY FOR BRAIN METASTASES SECONDARY TO RENAL CELL CARCINOMA**
Wang, J., Yoo, K., Park, D., Chang, S.
OXFORD UNIV PRESS INC.2025: v114
- **Multilevel spinal fractures in ankylosing spondylitis: illustrative case.** *Journal of neurosurgery. Case lessons*
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- **Integrated management of metastatic spinal tumors: current status and future directions.** *Medical oncology (Northwood, London, England)*
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Johnstone, T. M., Shah, V., Haider, G., Yoo, K. H., Stienen, M. N., Veeravagu, A.
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Johnstone, T., Schonfeld, E., Sadeghzadeh, S., Marianayagam, N. J., Yoo, K. H., Ratliff, J. K., Veeravagu, A.
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- **Stereotactic Radiosurgery for Residual, Recurrent, and Metastatic Hemangiopericytomas: A Single-Institution Retrospective Experience.** *Neurosurgery*
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- **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.
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- **Stereotactic Radiosurgery for Ependymoma in Pediatric and Adult Patients: A Single-Institution Experience.** *Neurosurgery*
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- **Therapeutic approaches for spinal synovial sarcoma: a comprehensive review of the literature.** *Journal of neurosurgery. Spine*
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- **CyberKnife Radiosurgery for Extracranial Metastases of Oligodendroglioma: A Clinical Case Report.** *Cureus*
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- **CyberKnife Radiosurgery for Extracranial Metastases of Oligodendroglioma: A Clinical Case Report** *Cureus*
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- **Stereotactic Radiosurgery for Cranial and Spinal Hemangioblastomas: A Single-Institution Retrospective Series.** *Neurosurgery*
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- **Stereotactic Radiosurgery for Medically Refractory Trigeminal Neuralgia Secondary to Stroke: A Systematic Review and Clinical Case Presentation.** *World neurosurgery*
Zamarud, A., Park, D. J., Ung, T. H., McCleary, T. L., Yoo, K. H., Soltys, S. G., Lim, M., Chang, S. D., Meola, A.
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- **Optimizing the synergy between stereotactic radiosurgery and immunotherapy for brain metastases.** *Frontiers in oncology*
Yoo, K. H., Park, D. J., Choi, J. H., Marianayagam, N. J., Lim, M., Meola, A., Chang, S. D.
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- **Stereotactic radiosurgery for sarcoma metastases to the brain: a single-institution experience.** *Neurosurgical focus*
Zamarud, A., Park, D. J., Dadey, D. Y., Yoo, K. H., Marianayagam, N. J., Yener, U., Szalkowski, G. A., Pollom, E., Soltys, S., Chang, S. D., Meola, A.
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- **Stereotactic radiosurgery for distant brain metastases secondary to esthesioneuroblastoma: a single-institution series.** *Neurosurgical focus*
Zamarud, A., Yener, U., Yoo, K. H., Park, D. J., Marianayagam, N. J., Ho, Q. A., Pollom, E., Soltys, S., Wang, L., Chang, S. D., Meola, A.
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- **Stereotactic Radiosurgery for Contrast-Enhancing Satellite Nodules in Recurrent Glioblastoma: A Rare Case Series From a Single Institution.** *Cureus*
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- **Tumor-Specific Reactive Oxygen Species Accelerators Improve Chimeric Antigen Receptor T Cell Therapy in B Cell Malignancies.** *International journal of molecular sciences*
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- **Association analysis identifies 65 new breast cancer risk loci** *NATURE*
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- **Marked Impact of Different Cytokines on Phenotype and Cytotoxic Activity of CD19-Specific CAR T Cells**
Hoffmann, J., Wang, L., Huckelhoven, A., Schmitt, A., Gern, U., Sellner, L., Kleist, C., Wenthe, J., Wuchter, P., Schubert, M., Yoo, H., Ni, M., Hofmann, et al
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