

Stanford

Seunggu J Han

Clinical Associate Professor, Neurosurgery

Bio

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Neurosurgery

PROFESSIONAL EDUCATION

- Fellowship, University of California, San Francisco , Neuro-Oncology (2017)
- Residency, University of California, San Francisco , Neurological Surgery (2016)
- M.D., University of California, San Francisco , Medicine (2010)
- B.S., University of California, Los Angeles , Neuroscience (2005)

Publications

PUBLICATIONS

- **Modified RANO, Immunotherapy RANO, and Standard RANO Response to Convection-Enhanced Delivery of IL4R-Targeted Immunotoxin MDNA55 in Recurrent Glioblastoma** *CLINICAL CANCER RESEARCH*
Ellingson, B. M., Sampson, J., Achrol, A., Aghi, M. K., Bankiewicz, K., Wang, C., Bexon, M., Brem, S., Brenner, A., Chowdhary, S., Floyd, J. R., Han, S., Kesari, et al
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- **Novel Use of Stimulating Fence-Post Technique for Functional Mapping of Subcortical White Matter During Tumor Resection: A Technical Case Series** *OPERATIVE NEUROSURGERY*
Han, S., Teton, Z., Gupta, K., Kawamoto, A., Raslan, A. M.
2020; 19 (3): 264-270
- **Association of Maximal Extent of Resection of Contrast-Enhanced and Non-Contrast-Enhanced Tumor With Survival Within Molecular Subgroups of Patients With Newly Diagnosed Glioblastoma** *JAMA ONCOLOGY*
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- **Subcortical stimulation mapping of descending motor pathways for peritumoral gliomas: assessment of morbidity and functional outcome in 702 cases** *JOURNAL OF NEUROSURGERY*
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2019; 131 (1): 201-208
- **The Evolving Role of the Oncologic Neurosurgeon: Looking Beyond Extent of Resection in the Modern Era** *FRONTIERS IN ONCOLOGY*
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2018; 8: 406
- **Resection of gliomas deemed inoperable by neurosurgeons based on preoperative imaging studies** *JOURNAL OF NEUROSURGERY*
Southwell, D. G., Birk, H. S., Han, S. J., Li, J., Sall, J. W., Berger, M. S.
2018; 129 (3): 567-575
- **Expression and prognostic impact of immune modulatory molecule PD-L1 in meningioma** *JOURNAL OF NEURO-ONCOLOGY*

- Han, S. J., Reis, G., Kohanbash, G., Shrivastav, S., Magill, S. T., Molinaro, A. M., McDermott, M. W., Theodosopoulos, P. V., Aghi, M. K., Berger, M. S., Butowski, N. A., Barani, I., Phillips, et al
2016; 130 (3): 543-552
- **Phase II trial of 7 days on/7 days off temozolamide for recurrent high-grade glioma** *NEURO-ONCOLOGY*
Han, S. J., Rolston, J. D., Molinaro, A. M., Clarke, J. L., Prados, M. D., Chang, S. M., Berger, M. S., DeSilva, A., Butowski, N. A.
2014; 16 (9): 1255-1262
 - **Soluble factors secreted by glioblastoma cell lines facilitate recruitment, survival, and expansion of regulatory T cells: implications for immunotherapy** *NEURO-ONCOLOGY*
Crane, C. A., Ahn, B. J., Han, S. J., Parsa, A. T.
2012; 14 (5): 584-595
 - **On the cutting edge of glioblastoma surgery: where neurosurgeons agree and disagree on surgical decisions.** *Journal of neurosurgery*
Muller, D. M., Robe, P. A., Ardon, H., Barkhof, F., Bello, L., Berger, M. S., Bouwknegt, W., Van den Brink, W. A., Conti Nibali, M., Eijgelaar, R. S., Furtner, J., Han, S. J., Hervey-Jumper, et al
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 - **Safety assessment of intraparenchymal central nervous system biopsies: Single institution healthcare value review** *JOURNAL OF CLINICAL NEUROSCIENCE*
Mazur-Hart, D. J., Yaghi, N. K., Goh, J., Lin, Y., Han, S.
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 - **Quantifying eloquent locations for glioblastoma surgery using resection probability maps** *JOURNAL OF NEUROSURGERY*
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 - **Changing Hands: A Rising Role of the Tumor Surgeon in Teaching Sylvian Fissure Dissection.** *World neurosurgery*
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 - **Measure Twice: Promise of Liquid Biopsy in Pediatric High-Grade Gliomas** *ADVANCES IN RADIATION ONCOLOGY*
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2020; 5 (2): 152-162
 - **Perioperative outcomes following reoperation for recurrent insular gliomas** *JOURNAL OF NEUROSURGERY*
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2019; 131 (2): 467-473
 - **An unusual recurrent high-grade glioneuronal tumor with MAP2K1 mutation and CDKN2A/B homozygous deletion** *ACTA NEUROPATHOLOGICA COMMUNICATIONS*

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- **The transcortical equatorial approach for gliomas of the mesial temporal lobe: techniques and functional outcomes** *JOURNAL OF NEUROSURGERY*
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 - **Intraoperative perception and estimates on extent of resection during awake glioma surgery: overcoming the learning curve** *JOURNAL OF NEUROSURGERY*
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 - **In Reply: Survival With Glioblastoma Multiforme and the Timing of Chemoradiation** *NEUROSURGERY*
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 - **Awake brain tumor resection during pregnancy: Decision making and technical nuances** *JOURNAL OF CLINICAL NEUROSCIENCE*
Meng, L., Han, S. J., Rollins, M. D., Gelb, A. W., Chang, E. F.
2016; 24: 160-162
 - **Preventing Delays in First-Case Starts on the Neurosurgery Service: A Resident-Led Initiative at an Academic Institution.** *Journal of surgical education*
Han, S. J., Rolston, J. D., Zygorakis, C. C., Sun, M. Z., McDermott, M. W., Lau, C. Y., Aghi, M. K.
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 - **Resident-led Implementation of a Standardized Handoff System to Facilitate Transfer of Postoperative Neurosurgical Patients to the ICU** *CUREUS*
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- **Tumors of the anterior skull base** *EXPERT REVIEW OF NEUROTHERAPEUTICS*
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- **Predictors of seizure freedom in the surgical treatment of supratentorial cavernous malformations** Clinical article *JOURNAL OF NEUROSURGERY*
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- **Anterior Thoracolumbar Corpectomies: Approach Morbidity With and Without an Access Surgeon** *NEUROSURGERY*
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- **Tumor control after surgery and radiotherapy for pineocytoma** Clinical article *JOURNAL OF NEUROSURGERY*
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- **Secondary gliosarcoma: a review of clinical features and pathological diagnosis** Clinical article *JOURNAL OF NEUROSURGERY*
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