Stanford

Jay J. Park, MD

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Bio

STANFORD ADVISORS

- Vivek Buch, Postdoctoral Faculty Sponsor

Research & Scholarship

LAB AFFILIATIONS

- Vivek Buch, Surgical Innovation & Machine Interfacing Laboratory (7/1/2023)
- Vivek Buch, Restorative Network Engineering & Therapeutics Laboratory (8/1/2022)

Publications

PUBLICATIONS

- **The Barriers to Neurosurgical Care in The Gambia** *NEUROSURGERY PRACTICE*
  Ceesay, O. I., Vaca, S., Gephart, M. H., Park, J. J., Ramayya, A. G.
  2025; 6 (1)
- **The Barriers to Neurosurgical Care in The Gambia.** *Neurosurgery practice*
  Ceesay, O. I., Vaca, S., Gephart, M. H., Park, J. J., Ramayya, A. G.
  2025; 6 (1): e00125
- **Applying normative atlases in deep brain stimulation: a comprehensive review** *INTERNATIONAL JOURNAL OF SURGERY*
  Chang, B., Park, J. J., Buch, V. P.
  2024; 110 (12): 8037-8044
- **Applying normative atlases in deep brain stimulation: a comprehensive review.** *International journal of surgery (London, England)*
  Chang, B., Park, J. J., Buch, V. P.
  2024; 110 (12): 8037-8044
- **Estimating the Global and Regional Burden of Streptococcus pneumoniae Meningitis in Children: Protocol for a Systematic Review and Meta-Analysis.** *JMIR research protocols*
  Park, J. J., Tiefenbach, J., Anwar, M. M., Narayanan, S., Ope, B., Bin Han, S. S., Ale, B. M., Adeloye, D., Rudan, I.
  2024; 13: e50678
- **Developing the surgeon-machine interface: using a novel instance-segmentation framework for intraoperative landmark labelling.** *Frontiers in surgery*
  Park, J. J., Doiphode, N., Zhang, X., Pan, L., Blue, R., Shi, J., Buch, V. P.
  2023; 10: 1259756
- **National audit of pathways in epileptic seizure referrals (NAPIER): A national, multicentre audit of first seizure clinics throughout the UK and Ireland.** *Seizure*
  Lee, S. H., Gillespie, C., Bandyopadhyay, S., Nazari, A., Ooi, S. Z., Park, J. J., Champ, C., Taylor, C., Kinney, M., Mackay, G., Myint, P. K., Marson, A., NANSIG Collaborative, et al
  2023; 111: 165-171

- **Treatment of primitive myxoid mesenchymal tumour of infancy: a management paradigm focusing on surgical nuances** *CHILDS NERVOUS SYSTEM*
  Park, J. J., Lee, E., Anwar, M., Han, S., Kaliaperumal, C.
  2023
- **Endoscopic surveillance in hereditary diffuse gastric cancer.** *The Lancet. Oncology*
  Ari, K., Sivarajan, S., Park, J. J., Kulasegaran, S., Kumar, B.
  2023; 24 (7): e285
- **Follow Your Heart: Trials and Tribulations of Sir Terence English and the First Successful Heart Transplant in the United Kingdom.** *Cureus*
  Park, J. J., English, S. T.
  2023; 15 (7): e42051
- **Management and outcomes of myelomeningocele-associated hydrocephalus in low-income and middle-income countries: a systematic review and meta-analysis protocol** *BMJ OPEN*
  Takoutsing, B., Touzet, A., Park, J. J., Lee, S., Bligh, E. R., Egiz, A., Gillespie, C. S., Figaji, A., Neurol & Neurosurg Interest Grp
  2023; 13 (2): e066339
- **Role of the glymphatic system in idiopathic intracranial hypertension** *CLINICAL NEUROLOGY AND NEUROSURGERY*
  Steinruecke, M., Tiefenbach, J., Park, J. J., Kaliaperumal, C.
  2022; 222
- **Is there resource wastage in the research for spinal diseases? An observational analysis of discontinuation and non-publication in randomised controlled trials.** *Brain & spine*
  Demetriades, A. K., Park, J. J., Tiefenbach, J.
  2022; 2: 100922
- **A 5-year outcome of propranolol for the treatment of paediatric intracranial cavernoma: case report and a review of the literature** *CHILDS NERVOUS SYSTEM*
  Tiefenbach, J., Park, J. J., Kaliaperumal, C.
  2022: 269-272
- **Social and psychological impact of the COVID-19 pandemic on UK medical and nursing students: protocol for a national medical and nursing student survey** *BMJ OPEN*
  Richardson, G. E., Gillespie, C. S., Mantle, O., Clynch, A., Ooi, S., Park, J. J., Bligh, E. R., Kundu, S., Georgiou, I., Bandyopadhyay, S., Saunders, K. E., Neurology & Neurosurg Interest Grp
  2022; 12 (5): e057467
- **Hosting an Educational Careers Day Within the Virtual Paradigm: The Neurology and Neurosurgery Interest Group Experience** *CUREUS JOURNAL OF MEDICAL SCIENCE*
  Richardson, G. E., Gillespie, C. S., Bandyopadhyay, S., Norton, E. J., Joshi, J. M., Mantle, O., Ciuculete, C., Nazari, A., Ong, J., Anand, A., Park, J., De Koning, R., Ooi, et al
  2022; 14 (1): e21162
- **Estimating the global and regional burden of meningitis in children caused by Haemophilus influenzae type b: A systematic review and meta-analysis** *JOURNAL OF GLOBAL HEALTH*
  Park, J. J., Narayanan, S., Tiefenbach, J., Luksic, I., Ale, B., Adeloye, D., Rudan, I.
  2022; 12: 04014
- **SPICE-19: a 3-Month Prospective Cohort Study of 640 Medical Students and Foundation Doctors** *MEDICAL SCIENCE EDUCATOR*
  Bandyopadhyay, S., Georgiou, I., Bligh, E., Coyle, C., Pancharatnam, R., Saunders, K. E. A., NANSIG Collaborative
  2021; 31 (5): 1621-1637
- **Diversity and inclusion in neurosurgery** *LANCET NEUROLOGY*
  Tiefenbach, J., Park, J. J., Singh, S., Demetriades, A. K.
  2021; 20 (6): 419
- **The Factors That Influenced Medical Students' Decision to Work Within the NHS During the COVID-19 Pandemic-A National, Cross-sectional Study** *JOURNAL OF OCCUPATIONAL AND ENVIRONMENTAL MEDICINE*
  Georgiou, I., Hounat, A., Park, J. J., Gillespie, C., Bandyopadhyay, S., Saunders, K. E. A.
  2021; 63 (4): 296-301

- **Medical student perceptions of working in clinical environments during the COVID-19 pandemic** *JOURNAL OF GLOBAL HEALTH*
  Park, J. J.
  2020; 10 (2): 020380

- **Direct access CT for suspicion of brain tumour: an analysis of referral pathways in a population-based patient group** *BMC FAMILY PRACTICE*
  Zienius, K., Chak-Lam, I., Park, J., Ozawa, M., Hamilton, W., Weller, D., Summers, D., Porteous, L., Mohiuddin, S., Keeney, E., Hollingworth, W., Ben-Shlomo, Y., Grant, et al
  2019; 20 (1): 118

- **Growth Pattern and Prognostic Factors of Untreated Nonfunctioning Pituitary Adenomas** *JOURNAL OF KOREAN NEUROSURGICAL SOCIETY*
  Hwang, K., Kwon, T., Park, J., Joo, J., Han, J., Oh, C., Kim, C.
  2019; 62 (2): 256-262