

Melissa Chaehyun Lee

MD Student with Scholarly Concentration in Medical Education / Surgery,
expected graduation Spring 2026

Publications

PUBLICATIONS

- **Scoping review of deep learning research illuminates artificial intelligence chasm in otolaryngology-head and neck surgery.** *NPJ digital medicine*
Liu, G. S., Fereydooni, S., Lee, M. C., Polkampally, S., Huynh, J., Kuchibhotla, S., Shah, M. M., Ayoub, N. F., Capasso, R., Chang, M. T., Doyle, P. C., Holsinger, F. C., Patel, et al
2025; 8 (1): 265
- **Artificial Intelligence Tracking of Otologic Instruments in Mastoidectomy Videos.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
Liu, G. S., Parulekar, S., Lee, M. C., El Chemaly, T., Diop, M., Park, R., Blevins, N. H.
2024
- **Usability of ENTRUST as an Assessment Tool for Entrustable Professional Activities (EPAs): A Mixed Methods Analysis.** *Journal of surgical education*
Lee, M. C., Melcer, E. F., Merrell, S. B., Wong, L. Y., Shields, S., Eddington, H., Trickey, A. W., Tsai, J., Korndorffer, J. R., Lin, D. T., Liebert, C. A.
2023
- **Correlation of Performance on ENTRUST and Traditional Oral Objective Structured Clinical Examination for High-Stakes Assessment in the College of Surgeons of East, Central, and Southern Africa.** *Journal of the American College of Surgeons*
Liebert, C. A., Melcer, E. F., Eddington, H., Trickey, A., Shields, S., Lee, M., Korndorffer, J. R., Bekele, A., Wren, S. M., Lin, D. T.
2023
- **Validity Evidence for ENTRUST as an Assessment of Surgical Decision-Making for the Inguinal Hernia Entrustable Professional Activity (EPA).** *Journal of surgical education*
Liebert, C. A., Melcer, E. F., Keehl, O., Eddington, H., Trickey, A. W., Lee, M., Tsai, J., Camacho, F., Merrell, S. B., Korndorffer, J. R., Lin, D. T.
2022
- **How much is enough? Exploring the dose-response relationship between cash transfers and surgical utilization in a resource-poor setting.** *PloS one*
Strader, C., Ashby, J., Vervoort, D., Ebrahimi, A., Agbortoko, S., Lee, M., Reiner, N., Zeme, M., Shrimo, M. G.
2020; 15 (5): e0232761