Stanford



James McAvoy

Clinical Assistant Professor, Anesthesiology, Perioperative and Pain Medicine

CLINICAL OFFICE (PRIMARY)

- **Anesthesia Department**

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Bio

CLINICAL FOCUS

- Anesthesia
- Critical Care Medicine

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Anesthesiology, Perioperative and Pain Medicine

ADMINISTRATIVE APPOINTMENTS

- Anesthesiology Service Representative, Medical Executive Committee, Stanford Health Care, (2026- present)
- MSD Quality Director, Department of Anesthesiology, Perioperative and Pain Medicine; Stanford School of Medicine, (2025- present)
- Director of Critical Care Ultrasound (Anesthesiology), Department of Anesthesiology, Perioperative and Pain Medicine, (2024- present)
- Question Author, Critical Care Medicine Examination, American Board of Anesthesiology, (2024- present)
- Rotation Director: Management of the High-Risk Patient Undergoing Noncardiac Surgery, Department of Anesthesiology, Perioperative and Pain Medicine; Stanford School of Medicine, (2024-2026)
- Director of Quality Improvement, Department of Anesthesiology; County of Santa Clara (Santa Clara Valley Medical Center), (2023-2023)
- Anesthesiology liaison, Trauma Performance Improvement and Patient Safety Committee, County of Santa Clara (Santa Clara Valley Medical Center), (2021-2023)
- Chair, Transfusion Review Committee, County of Santa Clara (Santa Clara Valley Medical Center), (2021-2023)

HONORS AND AWARDS

- Richard A. Jaffe, M.D., PhD Top Senior Faculty Clinical Educator Award, Stanford University Department of Anesthesiology, Perioperative and Pain Medicine (2025)
- Graduating Resident of the Year, Stanford University Department of Anesthesiology, Perioperative and Pain Medicine (2019)
- Chief Resident, Stanford University Department of Anesthesiology, Perioperative and Pain Medicine (2018-2019)
- Transitional Intern of the Year, Santa Clara Valley Medical Center (2016)
- Charles T. Schechtman, MD ’26 Award for Excellence in Clinical Care, The University of Vermont College of Medicine (2015)

- John E. Mazuzan Jr. MD '54 Award for Excellence in Anesthesiology, The University of Vermont College of Medicine (2015)
- Alpha Omega Alpha Honor Medical Society, The University of Vermont College of Medicine (2014)
- Gold Humanism Honor Society, The University of Vermont College of Medicine (2014)
- Durwood J. Smith Award for Excellence in Pharmacology, The University of Vermont College of Medicine (2013)
- Ephiram Woll Award for Excellence in Pathology, The University of Vermont College of Medicine (2013)
- Ernest Hiram Buttles Award for Excellence in Pathology, The University of Vermont College of Medicine (2013)
- Henry & Phyllis Wasserman Phorplus Prize for Excellence in Basic Sciences, The University of Vermont College of Medicine (2013)
- Phi Beta Kappa, The University of Massachusetts Amherst (2011)

PROFESSIONAL EDUCATION

- Board Certification: Critical Care Medicine, American Board of Anesthesiology (2020)
- Board Certification: Anesthesia, American Board of Anesthesiology (2020)
- Fellowship: Stanford University Critical Care Medicine Fellowship (2020) CA
- Residency: Stanford University Anesthesiology Residency (2019) CA
- Internship: Santa Clara Valley Medical Center Dept of Medicine (2016) CA
- Medical Education: University of Vermont College of Medicine (2015) VT

Teaching

COURSES

2023-24

- Critical Illness: Patients, Physicians, and Society: ANES 70Q (Spr)

Publications

PUBLICATIONS

- **Shock With Acute Myocardial Dysfunction in Stercoral Colitis: Diagnosis and Management.** *JACC. Case reports*
  Parsa, S., Mohty, R., Pepin, M. E., Petropoulos, T., Gerber, D., Witteles, R., McAvoy, J.
  2026: 110899
- **Successful GH Treatment of Hepatopulmonary Syndrome in Panhypopituitarism-related Advanced Liver Disease.** *JCEM case reports*
  Chen, S., Diaz-Lankenau, R., Kwong, A., Chang, J., McAvoy, J., Lai, Y. K.
  2026; 4 (4): luaf307
- **Verifying Facts in Patient Care Documents Generated by Large Language Models Using Electronic Health Records.** *NEJM AI*
  Chung, P., Swaminathan, A., Goodell, A. J., Kim, Y., Momsen Reincke, S., Han, L., Deverett, B., Sadeghi, M. A., Ariss, A. B., Ghanem, M., Seong, D., Lee, A. A., Coombes, et al
  2026; 3 (1): AIdbp2500418
- **Trigger Medicine and Palliative Care Consults**
  McAvoy, J., Aslakson, R. A., Bechtold, H., Ramaswamy, T., Ji, A. X., Hylton, D.
  LIPPINCOTT WILLIAMS & WILKINS.2020: 260
- **Electrical Storm in COVID-19.** *JACC. Case reports*
  O'Brien, C. n., Ning, N. n., McAvoy, J. n., Mitchell, J. E., Kalwani, N. n., Wang, P. n., Nguyen, D. n., Reejhsinghani, R. n., Rogers, A. n., Lorenzo, J. n.
  2020; 2 (9): 1256–60
- **The use of end-tidal argon to detect venous air embolism: foiled by "fake oxygen!"** *JOURNAL OF CLINICAL MONITORING AND COMPUTING*
  McAvoy, J., Jaffe, R., Burbridge, M., Schertz, T., Brock-Utne, J.

2019; 33 (5): 925–26

- **Cerebral Oximetry Fails as a Monitor of Brain Perfusion in Cardiac Surgery: A Case Report** *A & A PRACTICE*
  McAvoy, J., Jaffe, R., Brock-Utne, J., Lopez, J., Brodt, J.
  2019; 12 (12): 441–43
- **Pennywise and a Pound Foolish: The Advantage of Dantrolene Nanosuspension (Ryanodex) in the Treatment of Malignant Hyperthermia.** *Anesthesia and analgesia*
  McAvoy, J. C., Brodsky, J. B., Brock-Utne, J. n.
  2019; 129 (6): e201–e202
- **Cancellation of Elective Cases in a Recently Opened, Tertiary/Quaternary-Level Hospital in the Middle East.** *Anesthesia and analgesia*
  Morris, A. J., McAvoy, J., Dweik, D., Ferrigno, M., Macario, A., Haisjackl, M.
  2017
- **Getting Burned by Lactic Acid.** *Hospital pediatrics*
  McAvoy, J. C., Khurana, A.
  2016; 6 (9): 558-559
- **Is blood donation an opportunity for hypertension awareness?** *TRANSFUSION MEDICINE*
  Hao, J., McAvoy, J., Wickberg, L., Kerrigan, C., Kreiger, L., Sikavi, C., Swift, D., Frenette, C., Carney, J., Fung, M. K.
  2016; 26 (2): 89-98

PRESENTATIONS

- Are ACGME Requirements Failing Our Anesthesiology Residents? - American Society of Anesthesiologists Annual Meeting.
- “To Consult or Not To Consult?” A systematic review evaluating the impact of integrating palliative care consultants into the management of critically ill patients, with a focus on trigger criteria. - International Anesthesia Research Society
- Cerebral oximetry fails as a monitor of brain perfusion in cardiac surgery. - California Society of Anesthesiologists
- Pennywise and a Pound Foolish: The Advantage of Dantrolene Nanosuspension (Ryanodex) in the Treatment of Malignant Hyperthermia. - California Society of Anesthesiologists
- Chief Residents’ Case Conference. - Stanford University, Department of Anesthesiology, Perioperative and Pain Medicine Grand Rounds
- The use of end-tidal argon to detect venous air embolism: foiled by “fake oxygen!” - California Society of Anesthesiologists
- Can an Industrial Nitrogen Meter be Used to Detect Venous Air Embolism? - American Society of Anesthesiologists
- The Value of Preoperative Endoscopic Airway Examination in Complex Airway Management of a Patient with Supraglottic Cancer. - Western Anesthesia Residents Conference
- The Reduction of Preoperative Testing for Patients Undergoing Surgery with a Bier Block Anesthetic - International Anesthesia Research Society
- Is Blood Donation an Opportunity for Hypertension Awareness? - The University of Vermont College of Medicine