Stanford



Albert H. Tsai

Clinical Associate Professor, Anesthesiology, Perioperative and Pain Medicine

CLINICAL OFFICE (PRIMARY)

- **Anesthesia Department**

  300 Pasteur Dr Rm H3580

  MC 5640

  Stanford, CA 94305

  Tel (650) 723-6412 **Fax** (650) 725-8544

Bio

BIO

Dr. Tsai is a Clinical Associate Professor in the Division of Cardiothoracic Anesthesia and the Program Director of the Adult Cardiothoracic Anesthesiology Fellowship. He completed his medical degree and anesthesiology residency at the University of Pennsylvania and a cardiothoracic anesthesiology fellowship at Stanford. Dr. Tsai has led numerous educational initiatives at the institutional and national levels, and has special interests in the role of augmented reality technology in medical simulation.

CLINICAL FOCUS

- Anesthesia
- Cardiothoracic Anesthesia

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Anesthesiology, Perioperative and Pain Medicine

ADMINISTRATIVE APPOINTMENTS

- Program Director, Adult Cardiothoracic Anesthesiology Fellowship, (2023- present)
- Associate Program Director, Adult Cardiothoracic Anesthesiology Fellowship, (2020-2023)
- Clerkship Director, ANES 307A - Stanford Hospital Cardiovascular Anesthesia Clerkship (SUMC), (2019-2021)

HONORS AND AWARDS

- GME Outstanding Program Director Award, Stanford Medicine Teaching Excellence Awards (2025)
- Honorable Mention - Excellence in Teaching Award, Stanford Health Care Medical Staff Awards (2025)
- Clinical Teaching Award, Adult Cardiothoracic Anesthesiology Fellowship (2019)
- Chief Resident, Department of Anesthesiology and Critical Care, University of Pennsylvania Health System (2016)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- President, Association of Anesthesiology Subspecialty Program Directors (2026 - present)
- Member, Society of Cardiovascular Anesthesiologists Program Directors Council (2023 - present)
- Member, ASA Committee on Cardiovascular and Thoracic Anesthesia (2021 - present)
- Member, ASA Educational Track Subcommittee on Cardiac Anesthesia (2021 - present)
- Member, ASA Committee on Residents and Medical Students (2021 - 2024)
- Diplomate, American Board of Anesthesiology (2018 - present)
- Diplomate, National Board of Echocardiography (2018 - present)
- Member, Society of Cardiovascular Anesthesiologists (2016 - present)
- Member, American Society of Anesthesiologists (2012 - present)

PROFESSIONAL EDUCATION

- Residency: University of Pennsylvania (2016) PA
- Internship: University of Pennsylvania (2013) PA
- Board Certification, American Board of Anesthesiology , Adult Cardiac Anesthesiology (2023)
- Special Competence Certification, National Board of Echocardiography , Advanced Perioperative Transesophageal Echocardiography (2018)
- Board Certification, American Board of Anesthesiology , Anesthesiology (2018)
- Fellowship, Stanford University Hospital , Cardiothoracic Anesthesiology (2017)
- Residency, Hospital of the University of Pennsylvania , Anesthesiology (2016)
- Medical Education: University of Pennsylvania School of Medicine (2012) PA
- BA, University of Pennsylvania (2008)

Publications

PUBLICATIONS

- **The Year in Graduate Medical Education: Selected Highlights from 2024.** *Journal of cardiothoracic and vascular anesthesia*
  Patel, S. J., Notarianni, A. P., Waldron, N. H., Tsai, A., Roberts, M. L., Sacks, S. M., Colao, J. A., Kinney, D. A., Montealegre-Gallegos, M., Liang, H., Rama, A., Ristovic, V., Pulton, et al
  2025
- **The Year in Graduate Medical Education: Selected Highlights from 2023.** *Journal of cardiothoracic and vascular anesthesia*
  Patel, S. J., Notarianni, A. P., Martin, A. K., Tsai, A., Pulton, D. A., Linganna, R. E., Bhatte, S., Montealegre-Gallegos, M., Patel, B., Waldron, N. H., Nimma, S. R., Kothari, P., Kiwakyou, et al
  2024
- **Preparing for the Adult Cardiac Anesthesiology Subspecialty Certification: Recognition of Expertise in Cardiac Anesthesiology.** *Journal of cardiothoracic and vascular anesthesia*
  Tsai, A., Faloye, A., Bodmer, N., Madhok, J., Nunes, S., Shook, D., Linganna, R.
  2023
- **Enhancing Telemedicine Perioperative Simulations Using Augmented Reality.** *The journal of education in perioperative medicine : JEPM*
  Rama, A., Tsai, A. H., Caruso, T. J.
  2023; 25 (3): E711
- **Participant Perceptions of Augmented Reality Simulation for Cardiac Anesthesiology Training: A Prospective, Mixed-Methods Study.** *The journal of education in perioperative medicine : JEPM*
  Tsai, A., Bodmer, N., Hong, T., Frackman, A., Hess, O., Khoury, M., Jackson, C., Caruso, T. J.
  2023; 25 (3): E712

- **The Year in Graduate Medical Education: Selected Highlights From 2022.** *Journal of cardiothoracic and vascular anesthesia*
  Patel, S. J., Notarianni, A. P., Martin, A. K., Tsai, A., Pulton, D. A., Linganna, R., Patel, P. A., Waldron, N. H., Nimma, S. R., Bodmer, N. J., Kothari, P., Jackson, E., Gupta, et al
  2023

- **It Takes a Village: A Narrative Review of Anesthesiology Mentorship.** *Anesthesiology clinics*
  Tsai, A. H., Bodmer, N. J., Gupta, K., Caruso, T. J.
  2022; 40 (2): 301-313

- **The Year in Graduate Medical Education: Selected Highlights From 2021.** *Journal of cardiothoracic and vascular anesthesia*
  Patel, S. J., Patel, P. A., Martin, A. K., Tsai, A., Linganna, R. E., Ghofaily, L. A., Notarianni, A. P., Allen, W. L., Buric, D. M., Bodmer, N. J., Kothari, P., Jackson, E., Feinman, et al
  2022

- **First lung and kidney multi-organ transplant following COVID-19 Infection.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*
  Guenthart, B. A., Krishnan, A., Alassar, A., Madhok, J., Kakol, M., Miller, S., Cole, S. P., Rao, V. K., Acero, N. M., Hill, C. C., Cheung, C., Jackson, E. C., Feinstein, et al
  2021

- **Management of Patients on Mechanical Circulatory Assist Devices During Noncardiac Surgery.** *International anesthesiology clinics*
  Rao, V. K., Tsai, A.
  2018; 56 (4): e1–e27

- **Perioperative Management of Permanent Pacemakers (PPMs) and Automatic Implantable Cardioverter-Defibrillators (AICDs)** *Critical Events in Anesthesiology*
  Tsai, A.
  edited by Pai Cole, S.
  Medscape Anesthesiology.2017

- **Irregular Respiration as a Marker of Wakefulness During Titration of CPAP** *SLEEP*
  Ayappa, I., Norman, R. G., Whiting, D., Tsai, A. H. W., Anderson, F., Donnely, E., Silberstein, D. J., Rapoport, D. M.
  2009; 32 (1): 99–104