Stanford



Cliff Schmiesing, MD

Clinical Professor, Anesthesiology, Perioperative and Pain Medicine

CLINICAL OFFICE (PRIMARY)

- **Anesthesia Department**

  300 Pasteur Dr Rm H3580

  MC 5640

  Stanford, CA 94305

  Tel (650) 725-5832 **Fax** (650) 725-8544

Bio

CLINICAL FOCUS

- Peoperative Assessment, Anesthesia, Information technology,
- Anesthesia

ACADEMIC APPOINTMENTS

- Clinical Professor, Anesthesiology, Perioperative and Pain Medicine

ADMINISTRATIVE APPOINTMENTS

- Medical Informatics Working Group Member, Stanford Hospital, (2009- present)

PROFESSIONAL EDUCATION

- Board Certification: Clinical Informatics, American Board of Preventive Medicine (2015)
- Residency: Stanford University School of Medicine (1997) CA
- Residency: California Pacific Medical Center Dept of Medicine (1990) CA
- Board Certification: Anesthesia, American Board of Anesthesiology (1998)
- Internship: California Pacific Medical Center (1988) CA
- Medical Education: University of California at San Francisco School of Medicine (1987) CA
- Bachelors, Stanford University , Biology (1982)
- Board Certification, American Boaard of Internal Medicine , Internal Medicine (2001)
- Board Certification, American Board of Preventive Medicine , Clinical Informatics (2015)

Publications

PUBLICATIONS

- **Verifying Facts in Patient Care Documents Generated by Large Language Models Using Electronic Health Records** *NEJM AI*
  Chung, P., et al

2025; 3 (1)

- **Implementation of a Preoperative Frailty Screening and Optimization Pathway for Vascular Surgery Patients is Associated with Decreased 30-Day Readmission.** *Journal of vascular surgery*
  Dossabhoy, S. S., Manuel, S. R., Yawary, F., Lahiji-Neary, T., Cheng, N., Cianfichi, L., Bagdasarian, A., George, E. L., Marwell, J. G., Lee, J. T., Dalman, R. L., Schmiesing, C., Arya, et al
  2024
- **"Covering provider": an effort to streamline clinical communication chaos.** *JAMIA open*
  Joshi, M., Gokhale, A., Ma, S., Pendrey, A., Wozniak, L., Moturu, A., Schwartz, N. U., Wilson, A., Darmawan, K., Phillips, B., Cullum, S., Sharp, C., Brown, et al
  2024; 7 (3): ooae057
- **Enhancing the Readability of Preoperative Patient Instructions Using Large Language Models.** *Anesthesiology*
  Hong, H. J., Schmiesing, C. A., Goodell, A. J.
  2024; 141 (3): 608-610
- **Update on Perioperative Medication Management for the Hand Surgeon: A Focus on Diabetes, Weight Loss, Rheumatologic, and Antithrombotic Medications.** *The Journal of hand surgery*
  Xu, W., Schmiesing, C., Chang, J.
  2024
- **Artificial Intelligence in Perioperative Care: Opportunities and Challenges.** *Anesthesiology*
  Han, L., Char, D. S., Aghaeepour, N.
  2024; 141 (2): 379-387
- **Keeping an Open Mind About Open Notes: Sharing Anesthesia Records With Patients.** *Anesthesia and analgesia*
  Ramaswamy, P., Xie, J., Marsiglio, A. M., Burgart, A. M., Schmiesing, C. A., Cohen, N. H., Robinowitz, D. L., Wang, E.
  2022; 135 (4): 697-703
- **COVID-19 Preoperative Assessment and Testing: From Surge to Recovery.** *Annals of surgery*
  Lu, A. C., Schmiesing, C. A., Mahoney, M., Cianfichi, L., Semple, A. K., Watt, D., Fischer, S., Wald, S. H.
  2020
- **Evidence for Continuing Buprenorphine in the Perioperative Period.** *The Clinical journal of pain*
  Li, A. H., Schmiesing, C., Aggarwal, A. K.
  2020
- **New Role for the Anesthesia Preoperative Clinic: Helping to Ensure That Surgery Is the Right Choice for Patients With Serious Illness** *ANESTHESIA AND ANALGESIA*
  Goldenberg, E., Saffary, R., Schmiesing, C.
  2019; 129 (1): 311–15
- **INTRAOPERATIVE ANALGESIA PATTERNS AT AN ACADEMIC TERTIARY MEDICAL CENTER DURING THE 2018 PARENTERAL OPIOID SHORTAGE**
  Kim, R. K., Schmiesing, C.
  LIPPINCOTT WILLIAMS & WILKINS.2019: 766–67
- **New Role for the Anesthesia Preoperative Clinic: Helping to Ensure That Surgery Is the Right Choice for Patients With Serious Illness.** *Anesthesia and analgesia*
  Goldenberg, E., Saffary, R., Schmiesing, C.
  2019
- **Patients Maintained on Buprenorphine for Opioid Use Disorder Should Continue Buprenorphine Through the Perioperative Period** *PAIN MEDICINE*
  Lembke, A., Ottestad, E., Schmiesing, C.
  2019; 20 (3): 425–28
- **Patients Maintained on Buprenorphine for Opioid Use Disorder Should Continue Buprenorphine Through the Perioperative Period.** *Pain medicine (Malden, Mass.)*
  Lembke, A., Ottestad, E., Schmiesing, C.

2019; 20 (3): 425–28

- **The Importance of Developing Standardized Transparent Validation of Large Data** *ANESTHESIA AND ANALGESIA*
  Sanford, J., Jaffe, R. A., Kadry, B., Bjerregaard, J., Schmiesing, C., Brock-Utne, J. G.
  2016; 123 (6): 1636–37
- **The Heart of the Matter: Increasing Quality and Charge Capture from Intraoperative Transesophageal Echocardiography.** *A & A case reports*
  Sanford, J. A., Kadry, B., Oakes, D., Macario, A., Schmiesing, C.
  2016; 6 (8): 249-252
- **TITRATION OF SEVOFLURANE IN ELDERLY PATIENTS: BLINDED, RANDOMIZED CLINICAL TRIAL, IN NON-CARDIAC SURGERY AFTER BETA-ADRENERGIC BLOCKADE** *JOURNAL OF CLINICAL MONITORING AND COMPUTING*
  Drover, D. R., Schmiesing, C., Buchin, A. F., Ortega, H. R., Tanner, J. W., Atkins, J. H., Macario, A.
  2011; 25 (3): 175-181
- **Laparoscopic diaphragmatic pacer placement - a potential new treatment for ALS patients: a brief description of the device and anesthetic issues** *JOURNAL OF CLINICAL ANESTHESIA*
  Schmiesing, C. A., Lee, J., Morton, J. M., Brock-Utne, J. G.
  2010; 22 (7): 549-552
- **Accidental intrathecal sufentanil overdose during combined spinal-epidural analgesia for labor** *INTERNATIONAL JOURNAL OF OBSTETRIC ANESTHESIA*
  Coleman, L., Carvalho, B., Lipman, S., Schmiesing, C., Riley, E.
  2009; 18 (1): 78-80
- **General anesthesia and chronic amphetamine use: Should the drug be stopped preoperatively?** *ANESTHESIA AND ANALGESIA*
  Fischer, S. P., Schmiesing, C. A., Guta, C. G., Brock-Utne, J. G.
  2006; 103 (1): 203-206
- **Anesthesia for older patients with hypertrophic cardiomyopathy: is there cause for concern?** *JOURNAL OF CLINICAL ANESTHESIA*
  Angelotti, T., Fuller, A., Rivera, L., Schmiesing, C.
  2005; 17 (6): 478-481
- **The preoperative anesthesia evaluation.** *Thoracic surgery clinics*
  Schmiesing, C. A., Brodsky, J. B.
  2005; 15 (2): 305-315
- **Concealed mothball abuse prior to anesthesia: mothballs, inhalants, and their management** *ACTA ANAESTHESIOLOGICA SCANDINAVICA*
  Kong, J. T., Schmiesing, C.
  2005; 49 (1): 113-116
- **What is quality improvement in the preoperative period?** *International anesthesiology clinics*
  Archer, T., Schmiesing, C., Macario, A.
  2002; 40 (2): 1-16
- **The preoperative assessment of the cancer patient.** *Current opinion in anaesthesiology*
  Schmiesing, C. A., Fischer, S. P.
  2001; 14 (6): 721-729
- **An airway management device: The laryngeal mask airway - A review** *JOURNAL OF INTENSIVE CARE MEDICINE*
  Schmiesing, C. A., Brock-Utne, J. G.
  1998; 13 (1): 32-43