Stanford



Richard K. Kim

Clinical Associate Professor, Anesthesiology, Perioperative and Pain Medicine

Bio

BIO

Dr. Richard K. Kim is a board-certified anesthesiologist and Clinical Associate Professor in the Department of Anesthesiology, Perioperative and Pain Medicine at Stanford University School of Medicine. He serves as Clinical Director of the Division of Regional Anesthesia and as Director of Clinical Value and Strategy for the department. He is fellowship trained in regional anesthesiology and acute pain medicine, with clinical expertise centered on ultrasound-guided peripheral nerve and truncal/fascial plane blocks, neuraxial techniques, and the perioperative management of acute and complex surgical pain.

As a mentor, he has garnered numerous teaching awards, including the RAAPM Fellowship Teacher of the Year Award. He is actively involved in shaping education for anesthesiology, leveraging evidence-based medicine and clinical informatics to reinforce standards of care while advancing novel approaches to anesthesia.

His scholarly work explores the safety, efficacy, and implementation of regional anesthesia and multimodal analgesia in complex patient care settings, with ongoing work supported by the NIH. This continues to inform consultations and collaborations on questions at the intersection of anesthesia practice, emerging technology, and perioperative pain management.

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Anesthesiology, Perioperative and Pain Medicine

ADMINISTRATIVE APPOINTMENTS

- Director, Clinical Value and Strategy, Department of Anesthesiology, Perioperative and Pain Medicine, (2026- present)
- Clinical Director, Division of Regional Anesthesia, Department of Anesthesiology, Perioperative and Pain Medicine, (2026- present)
- Acting Anesthesia Medical Director, Outpatient Surgery Center - Redwood City, Stanford Health Care, (2025-2025)
- Ultrasound Equipment Lead, Division of Regional Anesthesia, Department of Anesthesiology, Perioperative and Pain Medicine, (2023-2026)

HONORS AND AWARDS

- Clinical Informatics Scholar Program Award, Department of Anesthesiology, Perioperative and Pain Medicine (2025-2026)
- RAAPM Fellowship Teacher of the Year, Division of Regional Anesthesia, Stanford University School of Medicine (2023)
- Clinical Teaching Scholars Program Award, Department of Anesthesiology, Perioperative and Pain Medicine (2022-2023)
- Resident Teaching Scholar, Department of Anesthesiology, Perioperative and Pain Medicine (2019-2020)
- Norma Bailey Berniker Prize, Yale School of Medicine (2016)

- Queen Elizabeth House Scholar, Department of International Development, University of Oxford (2011-2012)
- Richard U. Light Fellow, Yale University (2007-2009)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, Health Information Management Committee (2021 - present)

PROFESSIONAL EDUCATION

- Fellowship, Stanford Health Care , Regional Anesthesiology and Acute Pain Medicine (2021)
- Residency, Stanford Health Care , Anesthesiology (2020)
- Internship, Yale-New Haven Hospital , Internal Medicine (2017)
- M.D., Yale University School of Medicine , Medicine (2016)
- M.Sc., University of Oxford (2012)
- B.A., Yale College (2011)

LINKS

- https://www.linkedin.com/in/rkkim: https://www.linkedin.com/in/rkkim

Research & Scholarship

CLINICAL TRIALS

- Magnesium for Peroral Endoscopic Myotomy, Not Recruiting

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Anesthesia (Fellowship Program)

Publications

PUBLICATIONS

- **Trends in peripheral nerve block utilisation in total knee arthroplasty: insights from Epic Cosmos.** *Anaesthesia*
  Kim, R. K., Mariano, E. R., Gessner, D. M.
  2026
- **What Corner Pocket? Critical Examination of a Supraclavicular Sonographic View.** *Asian journal of anesthesiology*
  Harley, J., Halliday, P., Kim, R. K.
  2026
- **An Update on Coding and Billing for Regional Anesthesia and Analgesia (United States).** *Anesthesiology clinics*
  Kim, R. K., Ye, Y., Mariano, E. R., Vorenkamp, K.
  2025; 43 (4): 771-783
- **BiFeS Block: Distinction or Redundancy?** *Pain medicine (Malden, Mass.)*
  Kim, R. K., Mariano, E. R.
  2025
- **A Bridge Through the (Ventricular Tachycardia) Storm: The Role of Continuous Stellate Ganglion Blockade-A Case Report.** *A&A practice*
  Lim, M. A., Kim, R. K., Bombardieri, A. M., Mihm, F.
  2025; 19 (7): e02022
- **Magnesium and Esophageal Pain After Peroral Endoscopic Myotomy of the Esophagus: A Randomized, Double-Blind, Placebo-Controlled Trial.** *Anesthesia and analgesia*

Kim, R. K., Kim, J. W., Angelotti, T., Esquivel, M., Tsui, B. C., Hwang, J. H.
2024

- **Stellate ganglion block catheter for paroxysmal sympathetic hyperactivity: calming the 'neuro-storm'.** *Regional anesthesia and pain medicine*
  Lee, M. C., Bartuska, A., Chen, J., Kim, R. K., Jaradeh, S., Mihm, F.
  2023
- **Characterization of Epidural Analgesia Interruption and Associated Outcomes After Esophagectomy.** *The Journal of surgical research*
  Byrd, C. T., Kim, R. K., Manapat, P., He, H., Tsui, B. C., Shrager, J. B., Berry, M. F., Backhus, L. M., Lui, N. S., Liou, D. Z.
  2023; 290: 92-100
- **Utility of Electrical Stimulation for Correct Placement and Neuromodulation of the Erector Spinae Plane Block for Total Shoulder Arthroplasty: A Case Report.** *A&A practice*
  Boublik, J., Kim, R. K., Tsui, B. C.
  2023; 17 (5): e01680
- **Continuous Serratus Anterior Plane Block: A Team Approach** *JOURNAL OF CARDIOTHORACIC AND VASCULAR ANESTHESIA*
  Kim, R. K., Brodt, J., MacArthur, J. W., Tsui, B. C. H.
  2022; 36 (4): 1217-+
- **Toward precision regional anesthesia: is the PENG block appropriate for all hip fracture surgeries?** *REGIONAL ANESTHESIA AND PAIN MEDICINE*
  Kim, R., Tsui, B. C. H.
  2022; 47 (1): 76-+
- **Alternating Side Programmed Intermittent Repeated (ASPIRe) Bolus Regimen for Delivering Local Anesthetic via Bilateral Interfascial Plane Catheters.** *Journal of cardiothoracic and vascular anesthesia*
  Tsui, B. C., Brodt, J., Pan, S., Caruso, T. J., Kim, R., Horn, J. L., Boublik, J., Tsui, J. H.
  2021
- **Utilization of Magnesium in Opioid-Free Anesthesia for Peroral Endoscopic Myotomy: A Case Report.** *A&A practice*
  Kim, R. K., Hwang, J. H., Tsui, B. C.
  2021; 15 (1): e01372
- **Perioperative analgesic administration during the 2018 parenteral opioid shortage in the United States - A retrospective analysis.** *Journal of clinical anesthesia*
  Kim, R. K., Gao, Z. n., Hastie, T. n., Obal, D. n.
  2020; 66: 109892
- **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
- **Risk of Acute Ischemic Stroke in Patients With Monocular Vision Loss of Vascular Etiology.** *Journal of neuro-ophthalmology : the official journal of the North American Neuro-Ophthalmology Society*
  Zhang, L. Y., Zhang, J., Kim, R. K., Matthews, J. L., Rudich, D. S., Greer, D. M., Lesser, R. L., Amin, H.
  2018; 38 (3): 328-333
- **Four Cancers and a Rash: Henoch-Schonlein Purpura** *AMERICAN JOURNAL OF MEDICINE*
  Kim, R. K., Thomas, A. R., Card, M., Malhotra, D., Holleck, J. L.
  2017; 130 (10): 1158–60
- **Glucagon-induced hypertensive emergency: a case report.** *Journal of clinical anesthesia*
  Legler, A., Kim, R. K., Chawla, N.
  2016; 35: 493-496
- **Efficacy and Safety of Nonopioid Analgesics in Perioperative Pain Control.** *Current drug safety*
  Thomas, D. A., West, M., Legler, A., Maslin, B., Kim, R. K., Vadivelu, N.
  2016; 11 (3): 196-205

- **Tumor necrosis factor disrupts claudin-5 endothelial tight junction barriers in two distinct NF-κB-dependent phases.** *PloS one*
  Clark, P. R., Kim, R. K., Pober, J. S., Kluger, M. S.
  2015; 10 (3): e0120075