

Timothy Kelly, MD, MPH

- Clinical Instructor, Anesthesiology, Perioperative and Pain Medicine
- Fellow in Anesthesiology, Perioperative and Pain Medicine

Bio

BIO

Dr. Timothy Kelly, MD, MPH, is a fellowship-trained pain medicine specialist and board-certified emergency medicine doctor at Stanford Health Care. He is a clinical instructor in the Department of Anesthesiology, Perioperative and Pain Medicine at Stanford University School of Medicine.

Dr. Kelly provides pain management care and treats pain conditions such as chronic neck, back, knee, and shoulder pain.

Dr. Kelly's research focuses on the intersection of pain management and emergency medicine. He has studied treatments like peripheral nerve stimulation (using small electrical devices to reduce chronic pain) and targeted drug delivery. Dr. Kelly is interested in bridging the gap between emergency medicine and pain medicine.

Dr. Kelly's research has been published in numerous peer-reviewed journals, including *Annals of Internal Medicine*, *Clinical Toxicology*, *American Journal of Emergency Medicine*, and *Academic Emergency Medicine Education and Training*, among others.

Dr. Kelly is a member of the American Society of Regional Anesthesia and Pain Medicine (ASRA), North American Neuromodulation Society (NANS), and American Academy of Pain Medicine (AAPM).

INSTITUTE AFFILIATIONS

- Clinical Instructor, Anesthesiology, Perioperative and Pain Medicine

HONORS AND AWARDS

- Robert H. Felix Award, University of Colorado School of Medicine
- Golden Blade Award, Emergency Medicine Residency, Indiana University Indianapolis
- Excellence in Emergency Medicine Award, University of Colorado School of Medicine, SAEM
- Chief Resident, Emergency Medicine Residency, Indiana University Indianapolis
- Alpha Omega Alpha Honor Medical Society, University of Colorado School of Medicine

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, NANS (2025 - present)
- Member, ASRA (2025 - present)
- Member, AAPM (2024 - present)

PROFESSIONAL EDUCATION

- Board Certification: Emergency Medicine, American Board of Emergency Medicine (2025)

- Fellowship: Stanford University Pain Management Fellowship (2026) CA
- Residency: Indiana University Emergency Medicine Residency (2024) IN
- Medical Education: University of Colorado School of Medicine (2021) CO

Publications

PUBLICATIONS

- **Bereavement scheduling policy for emergency medicine residents: A descriptive pilot study.** *AEM education and training*
Kelly, T. D., de Venecia, B. T., Pang, P. S., Turner, J. S., Reed, K. D., Pettit, K. E.
2024; 8 (4): e11009
- **Correspondence on 'Methocarbamol versus diazepam in acute low back pain in the emergency department: a randomised double-blind clinical trial' by Sharifi et al.** *Emergency medicine journal : EMJ*
Kelly, T. D., Lee, J. B., Oswald, J. C.
2024
- **Targeted Drug Delivery for the Treatment of Abdominal Pain in Chronic Pancreatitis: A Retrospective Case Series.** *Cureus*
Cooper, G. P., Progar, V., Grott, K., Patel, F., Mon, J., Bick, B., Kelly, T. D., Rahimi Darabad, R.
2024; 16 (3): e57285
- **Peripartum Cardiac Arrest with Terminal QRS Distortion: A Case Report.** *Clinical practice and cases in emergency medicine*
Kelly, T. D., Harrison, N. E.
2024; 8 (1): 22-25
- **Peripheral Nerve Stimulation in Chronic Knee Pain: A Case Series.** *Cureus*
Kelly, T. D., Pazzol, M. L., Rahimi Darabad, R.
2023; 15 (12): e50127
- **Improving Uptake of Emergency Department-initiated Buprenorphine: Barriers and Solutions** *WESTERN JOURNAL OF EMERGENCY MEDICINE*
Kelly, T. D., Hawk, K. F., Samuels, E. A., Strayer, R. J., Hoppe, J. A.
2022; 23 (4): 461-467
- **High-Altitude Pulmonary Edema in Colorado Children: A Cross-Sectional Survey and Retrospective Review** *HIGH ALTITUDE MEDICINE & BIOLOGY*
Kelly, T. D., Meier, M., Weinman, J. P., Ivy, D., Brinton, J. T., Liptzin, D. R.
2022; 23 (2): 119-124
- **'Gun shop projects' for suicide prevention in the USA: current state and future directions** *INJURY PREVENTION*
Polzer, E., Brandspigel, S., Kelly, T., Betz, M.
2021; 27 (2): 150-154
- **Physician attitudes on buprenorphine induction in the emergency department: results from a multistate survey** *CLINICAL TOXICOLOGY*
Zuckerman, M., Kelly, T., Heard, K., Zosel, A., Marlin, M., Hoppe, J.
2021; 59 (4): 279-285
- **A novel social work approach to emergency department buprenorphine induction and warm hand-off to community providers** *AMERICAN JOURNAL OF EMERGENCY MEDICINE*
Kelly, T., Khoshnoud, A., Hoppe, J. A., Zuckerman, M., Heard, K., Sholl, B.
2020; 38 (6): 1286-1290
- **Firearm Storage Maps: A Pragmatic Approach to Reduce Firearm Suicide During Times of Risk** *ANNALS OF INTERNAL MEDICINE*
Kelly, T., Brandspigel, S., Polzer, E., Betz, M. E.
2020; 172 (5): 351+