

### Current Research Projects:

- Baker, Mercer, et al. Musculocutaneous blocks and arm strength.
- Bordegaray, Nir, et al. ERAS in gastrointestinal surgery.
- Chapman et al. Propofol and postoperative kidney dysfunction.
- de la Peña et al. Chronic pain-induced molecular changes in dorsal root ganglion nociceptors.
- de la Peña et al. Circulating RNA and chronic back pain.
- de la Peña et al. Population characterization in Pain Clinic.
- de la Peña et al. RNA effects of opioid use disorder.
- Dillow et al. Pediatric pre-op video orientation.
- Dillow et al. Preemptive oxycodone, tonsillectomy, and PACU discharge times.
- Ehsanian et al. Donated human tissues and chronic-pain research.
- Ehsanian et al. Effect of steroid choice on sacroiliac joint injection outcomes.
- Ehsanian, Shin, et al. Endoscopic spine surgery outcomes.
- Ehsanian, Shin, et al. Implantable device for bladder function control.
- Freeman et al. Confirmation of neuromuscular blockade reversal.
- Gerlach et al. Prehabilitation in Pre-Anesthesia care.
- Gerlach et al. Sleep apnea program evaluation.
- Gerlach et al. Top 10 preoperative questions for adult ambulatory surgery.
- Gerstein, Hsu, et al. Cardiac function effects of propofol.
- Gerstein, White, et al. Ultrasound confirmation of bougie placement for airway management.
- Hanson et al. Trauma/Surgical ICU handoff optimization.
- Kashiwagi et al. C-section pain and opioid use disorder.
- Kashiwagi et al. Dural-puncture epidural and failure of anesthesia conversion in C-sections.
- Koshkin, Ehsanian, et al. Spinal-cord stimulation implantation outcomes.
- McQuaid-Hanson et al. SOAP Research Network GA registry.
- Sandoval et al. Perineural dexamethasone in ACL surgery.
- Sandoval et al. Programmed vs manual serratus anterior plane block boluses.
- Westlund High et al. Identification of new pain-treatment targets from intervertebral disk tissues.
- Westlund High et al. Identification of novel non-opioid therapies for pancreatitis and arthritis pain.
- Westlund High et al. Inflamed nucleus pulposus surgical discards and their effects on neurons.
- Westlund High et al. Novel small antibodies for chronic pain treatment.
- Westlund High, Buranda, et al. Blood assay for opioid response profiles.
- Wubbenhorst et al. Bite-block device survey.
- Wubbenhorst, Adderley, et al. Blood product coadministration survey.