

Current Research Projects

Alles S, et al. Chronic pain exosomes and sensory neuron iPSC excitability.

Alles S, et al. Development of novel human induced pluripotent stem cell-derived sensory neuron lines from pain patient blood samples.

Alles S, et al. Identification and validation of new chronic-pain treatment targets using human donor tissues.

Arndt C, et al. Anesthesia type and outcomes in wrist surgery.

Arndt C. Collaborator, SAMBA SCOR: SAMBA Clinical Outcomes Registry

Gerlach R. Sleep apnea risk mitigation program evaluation.

Gerstein N, Hsu P, et al. Effect of propofol on echocardiographic strain parameters.

Koshkin E, Ehsanian R. Outcomes with an implantable spinal cord stimulation device.

Mercer D, Baker EB, et al. Musculocutaneous block and proximal arm strength.

Nir I, Bordegaray N, et al. Enhanced recovery pathways in gastrointestinal surgery.

Rask J, et al. Collaborator, IMPACTS: Improving Medical Performance during Acute Crises Through Simulation.

Reyes K. Evaluation of a patient-education tool for obstetric analgesia.

Reyes K. Incidence of genetic polymorphisms affecting opioid metabolism in an underserved population.

Shin P, Ehsanian R. Clinical experience and outcomes after endoscopic spine surgeries.

Soneru C, et al. Observational study of pediatric surgery patients' gastric contents.

Soneru C, et al. Survey: management patterns of PFO and similar defects in scoliosis surgery.

Soneru C, et al. Survey: practice patterns for epidural analgesia after meningitis.

Soneru C. Collaborator, Craniofacial Surgery Task Force, Society for Pediatric Anesthesia.

Soneru C. Collaborator, PEACOC: pediatric appendectomies during COVID-19 pandemic.

Soneru C. Collaborator, Pediatric Difficult Airway Task Force, Society for Pediatric Anesthesia.

Westlund K, et al. Chronic pain biomarkers and signaling molecules in nucleus pulposus tissue.

Westlund K, et al. Chronic pain biomarkers and signaling molecules in intervertebral disks and blood samples.

Westlund K, et al. Chronic pain biomarkers in multiple sclerosis.

Wubbenhorst T, et al. Evaluation of an educational intervention for L&D floor personnel.