

Stanford



Mo Esfahanian, MD FAAP

Clinical Assistant Professor, Anesthesiology, Perioperative and Pain Medicine

CLINICAL OFFICES

- **Anesthesia Department**

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Bio

CLINICAL FOCUS

- Anesthesia
- pediatric anesthesiology
- pediatric regional anesthesiology

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Anesthesiology, Perioperative and Pain Medicine
- Member, Maternal & Child Health Research Institute (MCHRI)

HONORS AND AWARDS

- Cynthia T. Anderson Award: Outstanding performance in the acquisition of medical knowledge., UC Irvine, Dept. of Anesthesiology and Perioperative Care (2018)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, Stanford Pediatric Anesthesia Fellowship Program Education Committee (2018 - present)
- Member, Stanford Pediatric Anesthesia Fellowship Program Evaluation Committee (2018 - present)
- Diplomate, American Board of Anesthesiology (2019 - present)
- Member, American Society of Regional Anesthesia and Pain Medicine (ASRA) (2019 - present)
- Member, Society for Pediatric Anesthesia (2018 - present)
- Member, American Society of Anesthesiologists (2014 - present)
- Member, American Academy of Pediatrics (2013 - present)

PROFESSIONAL EDUCATION

- Board Certification, American Board of Anesthesiology , Pediatric Anesthesiology (2019)
- Board Certification: Pediatric Anesthesia, American Board of Anesthesiology (2019)
- Board Certification, American Board of Anesthesiology , Anesthesiology (2019)

- Board Certification: Anesthesia, American Board of Anesthesiology (2019)
- Clinical Scholar, Stanford University Dept. of Anesthesiology, Division of Pediatric Anesthesiology , Pediatric Regional Anesthesia (2020)
- Fellowship, Stanford , Pediatric Anesthesiology (2019)
- Residency, UC Irvine School of Medicine , Combined Anesthesiology/Pediatrics (2018)
- Fellowship: Stanford University Anesthesiology Fellowships (2019) CA
- MD, Wayne State University School of Medicine , Medical School (2013)
- Residency: UC Irvine Combined Anesthesiology/Pediatric Residency (2018) CA
- Medical Education: Wayne State University School of Medicine (2013) MI
- BS, Michigan State University , Physics (2008)
- BS, Michigan State University , Physiology (2008)

LINKS

- Stanford Pediatric Anesthesiology: <http://med.stanford.edu/pedsanesthesia.html>
- SUPRA (Stanford University Pediatric Perioperative Pain & Regional Anesthesia): pedsregional.stanford.edu

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

My current interests include the suprazygomatic maxillary nerve block and its role in enhanced recovery after cleft palate surgery and the development of a high-fidelity ultrasound phantom model to teach this regional anesthesia technique. I am also investigating the role of erector spinae plane blockade in the post-operative recovery of adolescent idiopathic scoliosis patients undergoing posterior spinal fusion.

Publications

PUBLICATIONS

- **Toward Opioid-Free Fast Track for Pediatric Congenital Cardiac Surgery.** *Journal of cardiothoracic and vascular anesthesia*
Esfahanian, M., Caruso, T. J., Lin, C., Kuan, C., Purkey, N. J., Maeda, K., Tsui, B. C.
2019
- **Moving toward patients being pain- and spasm-free after pediatric scoliosis surgery by using bilateral surgically-placed erector spinae plane catheters.** *Canadian journal of anaesthesia = Journal canadien d'anesthésie*
Tsui, B. C., Esfahanian, M., Lin, C., Policy, J., Vorhies, J.
2019
- **Regional changes in cardiac and stellate ganglion norepinephrine transporter in DOCA-salt hypertension.** *Autonomic neuroscience : basic & clinical*
Wehrwein, E. A., Novotny, M., Swain, G. M., Parker, L. M., Esfahanian, M., Spitsbergen, J. M., Habecker, B. A., Kreulen, D. L.
2013; 179 (1-2): 99–107