



Genevieve D'Souza

Clinical Associate Professor, Anesthesiology, Perioperative and Pain Medicine

CLINICAL OFFICE (PRIMARY)

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Bio

BIO

Genevieve D'souza MD, FASA is a Clinical Associate Professor in the Pediatric Anesthesia division of the Department of Anesthesiology, Perioperative and Pain Medicine at Stanford University. She is a Board-certified Pediatric Anesthesiologist, Fellowship trained Pediatric Pain Doctor, and trained in Medical Acupuncture. She is a practicing Chronic Pediatric Pain Doctor at Stanford Medicine Children's Health and is also part of the Acute Pain Service. She is the Interim Medical Director of the Pediatric Pain Division. She is also the Director of the Pediatric Anesthesia Resource Center at Lucile Packard Children's Hospital. She is also the Senior Editor for the Visual Pearl Series For the Society of Pediatric Pain Medicine and on the Board of Directors for Society of Pediatric Pain Medicine.

CLINICAL FOCUS

- Pediatric Pain
- Pain Medicine

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Anesthesiology, Perioperative and Pain Medicine
- Member, Stanford Medicine Children's Health Center for IBD and Celiac Disease

ADMINISTRATIVE APPOINTMENTS

- Interim Medical Director, Pediatric Pain Division, (2023- present)
- Director, Pediatric Anesthesia Resource center, (2014- present)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- District Delegate 3, California Society of Anesthesiology (2022 - present)
- Board of Director, Society of Pediatric Pain Medicine (2023 - present)

PROFESSIONAL EDUCATION

- Board Certification: Pediatric Anesthesiology, American Board of Anesthesiology (2024)

- Internship: Morehouse School of Medicine Office of the Registrar (2004) GA
- Fellowship: AI Dupont Hospital for Children (2008) DE
- Board Certification: Pain Medicine, American Board of Pain Medicine (2013)
- Professional Education: Helms Medical Institute (2015) CA
- Board Certification: Anesthesia, American Board of Anesthesiology (2008)
- Residency: Thomas Jefferson Univ Hospital (2007) PA
- Medical Education: Terna Medical College (1999)

Publications

PUBLICATIONS

- **Postdural Puncture Headaches in Pediatric Patients: A Review of Options When Repeated Epidural Blood Patches Do Not Work** *CUREUS JOURNAL OF MEDICAL SCIENCE*
Bansal, V., D'Souza, G., Aladade, E., Mcfarlane, D. M., Agarwal, R.
2024; 16 (6)
- **Review of Ultrasound-Guided Procedures in the Management of Chronic Pain.** *Anesthesiology clinics*
Aggarwal, A. K., Ottestad, E., Pfaff, K. E., Huai-Yu Li, A., Xu, L., Derby, R., Hecht, D., Hah, J., Pritzlaff, S., Prabhakar, N., Krane, E., D'Souza, G., Hoydonckx, et al
2023; 41 (2): 395-470
- **Error Traps in the Perioperative Care of Children with Chronic Pain.** *Paediatric anaesthesia*
D'souza, G., Walia, A., Agarwal, R.
2023
- **Novel Utilization of Strand-Specific Reverse Transcription Polymerase Chain Reaction in Perioperative Clinical Decision Making for SARS-CoV-2 Polymerase Chain Reaction Positive Patients.** *Paediatric anaesthesia*
Jette, C. G., Wang, T., Wang, E., Man, J. Y., Mireles, S., Maass, B., Mathew, R., Pinsky, B. A., Claire, R., D'Souza, G.
2022
- **Pre-operative fasting times for clear liquids at a tertiary children's hospital; what can be improved?** *Anesthesia and pain medicine*
Schmidt, A. R., Fehr, J., Man, J., D'Souza, G., Wang, E., Claire, R., Mendoza, J.
2021
- **Multidisciplinary Pain Management for Pediatric Patients with Acute and Chronic Pain: A Foundational Treatment Approach When Prescribing Opioids.** *Children (Basel, Switzerland)*
Wren, A. A., Ross, A. C., D'Souza, G., Almgren, C., Feinstein, A., Marshall, A., Golianu, B.
2019; 6 (2)
- **Multidisciplinary Pain Management for Pediatric Patients with Acute and Chronic Pain: A Foundational Treatment Approach When Prescribing Opioids** *CHILDREN-BASEL*
Wren, A. A., Ross, A. C., D'Souza, G., Almgren, C., Feinstein, A., Marshall, A., Golianu, B.
2019; 6 (2)
- **Perioperative Management of the Pediatric Patient on Medicinal Marijuana: What Anesthesiologists Should Know.** *Anesthesia and analgesia*
Flannery, K. M., D'Souza, G. n., Agarwal, R. n.
2019
- **Pharmacological Strategies for Decreasing Opioid Therapy and Management of Side Effects from Chronic Use.** *Children (Basel, Switzerland)*
D'Souza, G., Wren, A. A., Almgren, C., Ross, A. C., Marshall, A., Golianu, B.
2018; 5 (12)
- **Pharmacological Strategies for Decreasing Opioid Therapy and Management of Side Effects from Chronic Use** *CHILDREN-BASEL*
D'Souza, G., Wren, A. A., Almgren, C., Ross, A. C., Marshall, A., Golianu, B.
2018; 5 (12)

- **Nusinersen versus Sham Control in Later-Onset Spinal Muscular Atrophy** *NEW ENGLAND JOURNAL OF MEDICINE*
Mercuri, E., Darras, B. T., Chiriboga, C. A., Day, J. W., Campbell, C., Connolly, A. M., Iannaccone, S. T., Kirschner, J., Kuntz, N. L., Saito, K., Shieh, P. B., Tulinius, M., Mazzone, et al
2018; 378 (7): 625–35

- **Management of a Ventral Cerebrospinal Fluid Leak With a Lumbar Transforaminal Epidural Blood Patch in a Child With Persistent Postdural Puncture Headache: A Case Report.** *Regional anesthesia and pain medicine*
D'souza, G., Seidel, F. G., Krane, E. J.
2017; 42 (2): 263-266

- **Nusinersen versus Sham Control in Infantile-Onset Spinal Muscular Atrophy.** *The New England journal of medicine*
Finkel, R. S., Mercuri, E. n., Darras, B. T., Connolly, A. M., Kuntz, N. L., Kirschner, J. n., Chiriboga, C. A., Saito, K. n., Servais, L. n., Tizzano, E. n., Topaloglu, H. n., Tulinius, M. n., Montes, et al
2017; 377 (18): 1723–32

- **Acupuncture as an Anesthetic Adjuvant for Pediatric Orthopedic Patients: A Pilot Study and Protocol Description** *MEDICAL ACUPUNCTURE*
Golianu, B., Seybold, J., D'Souza, G.
2015; 27 (6): 475–80

- **Use of Cockcroft and Gault formula for estimation of creatinine clearance.** *Anesthesiology*
D'Souza, G., Viscusi, E. R., Rowlands, J.
2008; 109 (6): 1140-1; author reply 1141-2