

Stanford



Rita Agarwal

Clinical Professor, Anesthesiology, Perioperative and Pain Medicine

 Curriculum Vitae available Online

CLINICAL OFFICE (PRIMARY)

- **Lucile Packard Children's Hospital**

725 Welch Rd

Palo Alto, CA 94304

Tel (650) 725-8544 **Fax** (650) 723-5728

ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

Esperanza Magallanes - Peds Anes. Education
Administrator

Email espermag@stanford.edu

Tel 6507235728

Bio

BIO

Dr Agarwal is a Pediatric Anesthesiologist who went to medical school and completed her anesthesia residency at Baylor College of Medicine, with a fellowship in pediatric anesthesiology at Denver Children's Hospital. Her interests include pediatric acute pain management, regional anesthesia, ambulatory anesthesia and neuro-anesthesia and medical student, resident fellow education. She was the Pediatric Anesthesia Program Director at the University of Colorado for 18 years and the Course Director for the Colorado Review of Anesthesiology for Surgicenters and Hospitals for 17. She has served as the Editor for the Society for Pediatric Anesthesia Newsletter, Communication Chair and member of the Board Of Directors. She is immediate past Chair for the American Academy of Pediatrics:Section on Anesthesiology and Pain Management, and the Vice President for the Society of Pediatric Pain Management. She is delighted to be at Stanford and Lucille Packard Children's Hospital

CLINICAL FOCUS

- Pediatric Anesthesiology
- pediatric pain management
- Acute Pain Service
- Pediatric Anesthesia

ACADEMIC APPOINTMENTS

- Clinical Professor, Anesthesiology, Perioperative and Pain Medicine

ADMINISTRATIVE APPOINTMENTS

- Chair, American Academy of Pediatrics Section on Anesthesiology, (2015-2017)
- President, Society for Pediatric Pain Medicine, (2019-2021)
- Pediatric Anesthesia Trauma Liaison, Stanford, (2015- present)
- Director Pediatric Anesthesia Education, Stanford/ LPCH, (2014- present)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Committee Member, AAP Committee on Substance Use Prevention (2021 - present)
- Editor and Question Writer, American Board of Anesthesiology: Pediatric Anesthesiology Examination (2009 - 2021)
- Committee Member, ABA:Pediatric Anesthesiology Examination (2021 - present)
- Chair, AAP Section on Anesthesiology and Pain Medicine (2015 - 2017)
- Vice President, Society for Pediatric Pain Medicine (2017 - 2019)
- President, Society for Pediatric Pain Medicine (2019 - present)
- Treasurer, Society for Pediatric Pain Medicine (2014 - 2017)
- Chair-Elect, American Academy of Pediatrics:Section on Anesthesiology and Pain Management (2013 - 2014)
- Senior Editor, American Board of Anesthesiology (2011 - present)
- Director -At -Large, Pediatric Anesthesia Program Directors (2010 - 2014)
- Course and Program Director, Colorado Review of Anesthesiology for Surgicenters and Hospitals (CRASH) (1997 - 2015)
- At-large Director, Society for Pediatric Anesthesia (2006 - 2014)

PROFESSIONAL EDUCATION

- Medical Education: Baylor College of Medicine (1986) TX
- Residency: Baylor College of Medicine Anesthesiology Residency (1990) TX
- Internship: Baylor College of Medicine Surgery Residency (1987) TX
- Fellowship: Childrens Hospital of Colorado Pediatric Anesthesiology Fellowship (1991) CO
- Board Certification: Pediatric Anesthesia, American Board of Anesthesiology (2013)
- Pediatric Anesthesiology, Denver Children's Hospital , Pediatric Anesthesiology (1991)
- Anesthesiology, Baylor College of Medicine , Anesthesiology (1990)
- Board Certification: Anesthesia, American Board of Anesthesiology (1992)
- MD, Baylor College of Medicine , Medicine (1986)
- BA, Texas A&M , Biology (1982)

LINKS

- SPPM Newsletter Editorial: <http://www.pedsainmedicine.org/wp-content/uploads/newsletters/2014/winter/>
- SPA News letter editorials: <http://www.pedsanesthesia.org/newsletters>
- SPPM Newsletter Editorial Winter 2015: <http://www.pedsainmedicine.org/wp-content/uploads/newsletters/2015/fall/edsmess.html>
- Update from the AAAP Providers Network: <http://www.pedsainmedicine.org/wp-content/uploads/newsletters/2015/fall/aapupdate.html>
- AAP News 2014: Use of oral opioids during, after tonsillectomy re-evaluated Rita Agarwal AAP News, Aug 2014, 35 (8) 13
- AAP News Survery on Combined Pediatric and Anesthesiology Programs: <http://www.aapublications.org/news/2016/07/26/PainMedicine072616>
- AAP News 2015: Educate parents on benefits of smoking cessation before child's surgery Sarena N. Teng, Rita Agarwal AAP News, Sep 2015, 36 (9) 13
- CSA On line Blog: Finding the Right Balance in Pain Relief

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Part of a multi-institutional national group comparing various techniques of analgesia used in the management of surgical repairs. The first surgical procedure we are studying is Pectus Excavatum repair. Each institution follows its usual protocols and data is collected on a variety of outcomes, including length of stay, pain scores, opioid consumption, time to start walking and any long term issues.

Once data collection and analysis of that procedure is complete we will start looking at Spinal Fusion

Publications

PUBLICATIONS

- **Association Between High-Risk Preexisting Substance Use and Increased Postoperative Opioid Dose Use Among Adolescents Undergoing Ambulatory Orthopedic Surgery.** *Paediatric anaesthesia*
Groenewald, C. B., Rabbitts, J. A., Borucki, A. N., Agarwal, R., Sabatti, C., Palermo, T. M., Rogers, A. H.
2026
- **The Pediatrician's Role in the Evaluation and Preparation of Pediatric Patients Undergoing Anesthesia.** *Pediatrics*
Agarwal, R., Wang, T., Diaz, C. D., Hackell, J. M.
2026
- **Why Do Deaths and Catastrophic Injury From Anesthesia in the Dental Office-Based Setting Still Occur?** *Journal of clinical anesthesia*
Kumaraswami, S., Patel, S., Tom, J., Agarwal, R.
2025; 108: 112072
- **Harassment and Burnout in Academic Pediatric Anesthesiology.** *Paediatric anaesthesia*
Walker, K. K., Reddy, S. K., Deutsch, N., Agarwal, R., Glass, N. L., Cladis, F. P.
2025
- **Safe and Effective Pain Management in Children: A New AAP Guideline.** *American family physician*
Hadland, S. E., Agarwal, R.
2025; 112 (1): 13-14
- **Safe and Effective Pain Management in Children: A New AAP Guideline.** *American family physician*
Hadland, S. E., Agarwal, R.
2025; 112 (1): 13-14
- **Opioid Prescribing for Acute Pain Management in Children and Adolescents in Outpatient Settings: Clinical Practice Guideline.** *Pediatrics*
Hadland, S. E., Agarwal, R., Raman, S. R., Smith, M. J., Bryl, A., Michel, J., Kelley-Quon, L. I., Raval, M. V., Renny, M. H., Larson-Steckler, B., Wexelblatt, S., Wilder, R. T., Flinn, et al
2024
- **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)
- **Postdural Puncture Headaches in Pediatric Patients: A Review of Options When Repeated Epidural Blood Patches Do Not Work.** *Cureus*
Bansal, V., D'Souza, G., Aladade, E., McFarlane, D. M., Agarwal, R.
2024; 16 (6): e62833
- **The Path to Safety in Dental Anesthesia** *CURRENT ANESTHESIOLOGY REPORTS*
Tom, J., Thikkurissy, S., Agarwal, R.
2024
- **Substance Use Disorders in Adolescents and Young Adults: History and Perioperative Considerations From the Society for Pediatric Pain Medicine.** *Anesthesia and analgesia*

- Kitzman, J. M., Mesheriakova, V. V., Borucki, A. N., Agarwal, R.
2023
- **Error Traps in the Perioperative Care of Children with Chronic Pain.** *Paediatric anaesthesia*
D'souza, G., Walia, A., Agarwal, R.
2023
 - **Error Traps in Acute Pain Management in Children.** *Paediatric anaesthesia*
Vecchione, T. M., Agarwal, R., Monitto, C. L.
2022
 - **Anesthesia for the Pediatric Patient With Epilepsy and Minimally Invasive Surgery for Epilepsy** *CURRENT ANESTHESIOLOGY REPORTS*
Wong, B. J., Agarwal, R., Chen, M. I.
2021
 - **Concerns About Pediatric Opioid Prescribing Guidelines.** *JAMA surgery*
Agarwal, R., Chidambaran, V., Hays, S. R.
2021
 - **Anesthesia for a Patient With Aicardi-Goutières Syndrome: A First Case Report.** *A&A practice*
Swenson Schalkwyk, A. K., Agarwal, R. n.
2021; 15 (3): e01410
 - **The American Academy of Pediatrics; its structure; mission and the importance of getting involved and supporting individual subsections.** *Paediatric anaesthesia*
Adler, A. C., Chandrakantan, A. n., Agarwal, R. n.
2020; 30 (10): 1161–62
 - **East/West Visiting Scholars in Pediatric Anesthesia Program (ViSiPAP): Developing Tomorrow's Pediatric Anesthesia Leaders.** *Paediatric anaesthesia*
Ferschl, M. B., Lee, J. K., Lockman, J. L., Black, S. n., Chatterjee, D. n., Agarwal, R. n., Schwartz, L. I., Fiadjoe, J. n., Heitmiller, E. n., Hong Mershon, B. n., Deutsch, N. n., McCloskey, J. n., Infosino, et al
2020
 - **Practice Characteristics of Board-certified Pediatric Anesthesiologists in the US: A Nationwide Survey** *CUREUS*
Muffly, M., Scheinker, D., Muffly, T., Singleton, M., Agarwal, R., Honkanen, A.
2019; 11 (9)
 - **Practice Characteristics of Board-certified Pediatric Anesthesiologists in the US: A Nationwide Survey.** *Cureus*
Muffly, M., Scheinker, D., Muffly, T., Singleton, M., Agarwal, R., Honkanen, A.
2019; 11 (9): e5745
 - **The Society for Pediatric Anesthesiology Recommendations for the Use of Opioids in Children During the Perioperative Period.** *Paediatric anaesthesia*
Cravero, J. P., Agarwal, R., Berde, C., Birmingham, P., Cote, C. J., Galinkin, J., Isaac, L., Kost-Byerly, S., Krodel, D., Maxwell, L., Voepel-Lewis, T., Sethna, N., Wilder, et al
2019
 - **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
 - **Perioperative Management and In-Hospital Outcomes After Minimally Invasive Repair of Pectus Excavatum: A Multicenter Registry Report From the Society for Pediatric Anesthesia Improvement Network.** *Anesthesia and analgesia*
Muhly, W. T., Beltran, R. J., Bielsky, A., Bryskin, R. B., Chinn, C., Choudhry, D. K., Cucchiario, G., Fernandez, A., Glover, C. D., Haile, D. T., Kost-Byerly, S., Schnepfer, G. D., Zurakowski, et al
2018
 - **Concerns Regarding the Single Operator Model of Sedation in Young Children** *PEDIATRICS*
Agarwal, R., Kaplan, A., Brown, R., Cote, C. J.
2018; 141 (4)

- **The Pediatric Anesthesiology Workforce: Projecting Supply and Trends 2015-2035** *ANESTHESIA AND ANALGESIA*
Muffly, M. K., Singleton, M., Agarwal, R., Scheinker, D., Miller, D., Muffly, T. M., Honkanen, A.
2018; 126 (2): 568–78
- **Fifty years of the American Academy of Pediatrics Section on Anesthesiology: a history of our specialty.** *Paediatric anaesthesia*
Agarwal, R., Riefe, J., Houck, C. S.
2017; 27 (6): 560-570
- **Airway management in laryngotracheal injuries from blunt neck trauma in children** *PEDIATRIC ANESTHESIA*
Chatterjee, D., Agarwal, R., Bajaj, L., Teng, S. N., Prager, J. D.
2016; 26 (2): 132-138
- **Airway management in laryngotracheal injuries from blunt neck trauma in children.** *Paediatric anaesthesia*
Chatterjee, D., Agarwal, R., Bajaj, L., Teng, S. N., Prager, J. D.
2016; 26 (2): 132-8
- **Pain and Pain Relief** *Handbook of Neonatal Intensive Care*
Gardner, S. L., Hagedorn, M. E., Agarwal, R.
2015
- **Educate parents on benefits of smoking cessation before child's surgery** *AAP: News*
Teng, S. N., Agarwal, R.
2015; 36 (13)
- **Use of oral opioids during tonsillectomy re-evaluated** *AAP News*
Agarwal, R.
2014; 35 (13): 13
- **Neonatal Anesthesia** *Anesthesia Secrets*
Agarwal, R.
Elsevier.2013
- **A practical Approach to the Pediatric Neurosurgical Patient** *A practical Approach of Neuroanesthesia*
Dean, K., Agarwal, R.
2013
- **Pediatric Anesthesia** *Anesthesia Secrets*
Agarwal, R.
Elsevier.2013
- **Acute Pain Services** *Pediatric Anesthesia: Basic Principles, State of the Art, Future – Update*
Agarwal, R., Polaner, D.
PMPH-USA.2011
- **Improvement of intraoperative somatosensory evoked potentials by ketamine** *PAEDIATRIC ANAESTHESIA*
Agarwal, R., Roitman, K. J., Stokes, M.
1998; 8 (3): 263-266

PRESENTATIONS

- Fatal Attraction: Resuscitation in MRI - Society for Pediatric Anesthesia (10/1/2015)
- My Resident Gave Just Gave this Patient 30ml of LA and the surgeon is closing - Society for Pediatric Pain Medicine (2015)
- Communication Workshop-Adverse Event Disclosure - Pediatric Anesthesia Leadership Council-Professionalism Conference (9/2015)
- Teenager with SMA, chronic pain, addiction issues, presents for surgery - Society for Pediatric Pain Medicine (2014)
- CurrentPracticesintheManagementofPost-duralpunctureheadaches: results of an SPA Sanctioned Survey: - Pediatric Anesthesiology Annual Meeting of the Society for Pediatric Anesthesia and American Academy of Pediatrics
- Neonatal Cardiac and Pulmonary Physiology - Intensive Review on Pediatric Anesthesiology (2014)

- Pediatric Anesthesia Update - Colorado Review of Anesthesiology for Surgicenters and Hospitals (CRASH) (2015)
- A primer on ENT - Intensive Review of Pediatric Anesthesiology (2014)
- Clothesline Injury to Neck with Transected Trachea and Cervical Neck Injury - SPA/AAP Pediatric Anesthesiology 2014 (2014)
- Controversies in Pediatric Ambulatory Anesthesia - Colorado Review of Anesthesiology for Surgicenters and Hospitals (CRASH) (2015)
- Conflict Resolution - Pediatric Anesthesia Leadership Council-Professionalism Conference (10/2015)