

Stanford



Calvin Kuan, M.D., FAAP

Clinical Associate Professor, Anesthesiology, Perioperative and Pain Medicine

CLINICAL OFFICES

- **Anesthesia Department**

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Bio

CLINICAL FOCUS

- Anesthesia
- Pediatric Anesthesia
- Pediatric Cardiac Anesthesia
- Anesthesia for fetal surgery
- Pediatric Critical Care
- Medical simulation

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Anesthesiology, Perioperative and Pain Medicine

PROFESSIONAL EDUCATION

- M.D., Boston University School of Med (1993)
- Residency, Childrens Hospital Oakland , Pediatrics (1996)
- Fellowship, UCSF/ Childrens Hospital Oakland , Pediatric Critical Care (2000)
- Residency, Stanford Univ Med Center , Anesthesiology (2003)
- Fellowship, Stanford Univ Med Center , Pediatric Anesthesiology (2004)
- Fellowship, Stanford Univ Med Center , Medical Simulation (2012)
- Board Certification: Pediatrics, American Board of Pediatrics (1999)
- Board Certification: Anesthesia, American Board of Anesthesiology (2004)
- Board Certification: Pediatric Anesthesia, American Board of Anesthesiology (2013)

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Anesthesia (Fellowship Program)
- Pediatric Anesthesia (Fellowship Program)

Publications

PUBLICATIONS

- **Anesthesia for Major Surgery in the Neonate.** *Anesthesiology clinics*
Kuan, C. C., Shaw, S. J.
2020; 38 (1): 1–18
- **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
- **Transfusion Management of Conjoined Twins Undergoing Surgical Separation: A Single Center Experience with Three Sets of Thoraco-Omphalopagus Twins over Ten Years**
Tsang, H., Kuan, C., Boltz, M., Hartman, G., Joshi, R. P., Panigrahi, A., Andrews, J.
WILEY.2018: 122A–123A
- **Anesthetic Management During Surgery for Tetralogy of Fallot With Pulmonary Atresia and Major Aortopulmonary Collateral Arteries** *WORLD JOURNAL FOR PEDIATRIC AND CONGENITAL HEART SURGERY*
Quinonez, Z. A., Downey, L., Abbasi, R. K., Kuan, C., Asija, R., McElhinney, D. B., Hanley, F. L., Mainwaring, R. D., Wise-Faberowski, L.
2018; 9 (2): 236–41
- **Summer camp, boot camp, and the formation of a new fellow** *PEDIATRIC ANESTHESIA*
Fehr, J. J., Kuan, C.
2016; 26 (5): 466–67
- **The important role of simulation in sedation** *CURRENT OPINION IN ANESTHESIOLOGY*
Fehr, J. J., Chao, J., Kuan, C., Zhong, J.
2016; 29: S14-S20
- **Hemodynamic Assessment After Complete Repair of Pulmonary Atresia With Major Aortopulmonary Collaterals** *ANNALS OF THORACIC SURGERY*
Mainwaring, R. D., Reddy, V. M., Peng, L., Kuan, C., Palmon, M., Hanley, F. L.
2013; 95 (4): 1397-1402
- **Clinical Anesthesiology Board Review: A Test Simulation and Self Assessment Tool**
edited by Chu, L., et al
McGraw-Hill.2013
- **Perioperative complications in children with pulmonary hypertension undergoing general anesthesia with ketamine** *PEDIATRIC ANESTHESIA*
Williams, G. D., Maan, H., Ramamoorthy, C., Kamra, K., Bratton, S. L., Bair, E., Kuan, C. C., Hammer, G. B., Feinstein, J. A.
2010; 20 (1): 28-37
- **An analysis of factors influencing postanesthesia recovery after pediatric ambulatory tonsillectomy and adenoidectomy** *ANESTHESIA AND ANALGESIA*
Edler, A. A., Mariano, E. R., Golianu, B., Kuan, C., Pentcheva, K.
2007; 104 (4): 784-789
- **Clinical Anesthesiology Board Review: A Test Simulation and Self-Assessment Tool**
edited by Chu, L., et al
McGraw-Hill.2005