



## Stephanie Jiaying Pan

Clinical Assistant Professor, Anesthesiology, Perioperative and Pain Medicine

### CLINICAL OFFICES

- **Anesthesia Department**

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### Bio

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### CLINICAL FOCUS

- Anesthesia
- Pediatric Anesthesiology
- Regional Anesthesiology
- Pediatric Regional Anesthesiology
- Perioperative Point of Care Ultrasound (POCUS)

### ACADEMIC APPOINTMENTS

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

### PROFESSIONAL EDUCATION

- Residency: University of Washington Dept of Anesthesiology (2017) WA
- Fellowship: UPMC Hospital Regional Anesthesiology Fellowship (2019) PA
- Board Certification: Anesthesia, American Board of Anesthesiology (2018)
- Board Certification: Pediatric Anesthesia, American Board of Anesthesiology (2018)
- Fellowship: UPMC Children's Hospital of Pittsburgh Pediatric Anesthesiology (2018) PA
- Medical Education: Dartmouth Geisel School of Medicine Office of the Registrar (2013) NH

### Research & Scholarship

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### CLINICAL TRIALS

- Dexmedetomidine Use in SZMN Blocks for Pediatric T&A Pain Control, Not Recruiting

## Publications

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### PUBLICATIONS

- **Perioperative Methadone: Perilous or Pain Panacea?** *Anesthesia and analgesia*  
Pan, S., Anderson, T. A.  
2023; 137 (1): 72-75
- **Neonatal and paediatric point-of-care ultrasound review.** *Australasian journal of ultrasound in medicine*  
Pan, S., Lin, C., Tsui, B. C.  
2023; 26 (1): 46-58
- **The effect of intraoperative lidocaine administration in a disrupted erector spinae fascial plane on intercostal transcranial motor evoked potentials.** *Journal of clinical anesthesia*  
Pan, S. J., Vorhies, J. S., Lee, L. H., López, J. R., Tsui, B. C.  
2022; 82: 110956
- **Suprazygomatic infratemporal pterygopalatine fossa block with adjuvant low-dose dexmedetomidine for adenotonsillectomy.** *Canadian journal of anaesthesia = Journal canadien d'anesthésie*  
Zoghbi, V., Okonski, F., Pan, S., Lin, C., Balakrishnan, K., Tsui, B. C.  
1800
- **Systemic lidocaine absorption from continuous erector spinae plane catheters after paediatric posterior spine fusion surgery.** *Regional anesthesia and pain medicine*  
Pan, S., Lee, C. K., Caruso, T. J., Vorhies, J. S., Tsui, B. C.  
2022
- **Opioid-Free Postoperative Pain Management After Adenotonsillectomy With Nasal Turbinate Reduction Using Bilateral Suprazygomatic Infratemporal-Pterygopalatine Fossa Injections: A Case Report.** *A&A practice*  
Lin, C., Pan, S., Barros, V. R., Meister, K., Tsui, B. C.  
2021; 15 (8): e01502
- **Opioid-Free Tonsillectomy With and Without Adenoidectomy: The Role of Regional Anesthesia in the "New Era".** *Anesthesia and analgesia*  
Tsui, B. C., Pan, S., Smith, L., Lin, C., Balakrishnan, K.  
2021; 133 (1): e7-e9
- **Suprazygomatic maxillary (SZM) nerve blocks for perioperative pain control in pediatric tonsillectomy and adenoidectomy.** *Journal of clinical anesthesia*  
Smith, L., Balakrishnan, K., Pan, S., Tsui, B. C.  
2021; 71: 110240
- **Alternating Side Programmed Intermittent Repeated (ASPIRe) Bolus Regimen for Delivering Local Anesthetic via Bilateral Interfascial Plane Catheters.** *Journal of cardiothoracic and vascular anesthesia*  
Tsui, B. C., Brodt, J., Pan, S., Caruso, T. J., Kim, R., Horn, J. L., Boublik, J., Tsui, J. H.  
2021
- **Transesophageal probe placement increases endotracheal tube cuff pressure but is not associated with postoperative extubation failure after congenital cardiac surgery.** *Annals of cardiac anaesthesia*  
Pan, S. J., Frabitore, S. Z., Ingram, A. R., Nguyen, K. N., Adams, P. S.  
2020; 23 (4): 447-452
- **Distanced-based dynamic behaviour of aerosol particles during aerosol-generating medical procedures.** *British journal of anaesthesia*  
Tsui, B. C., Pan, S.  
2020
- **Droplet evacuation strategy for simulated coughing during aerosol-generating procedures in COVID-19 patients.** *British journal of anaesthesia*  
Tsui, B. C., Deng, A., Lin, C., Okonski, F., Pan, S.  
2020
- **COVID-19: Epidemiological factors during aerosol generating medical procedures.** *Anesthesia and analgesia*  
Tsui, B. C., Deng, A., Pan, S.

2020

- **Are aerosol-generating procedures safer in an airborne infection isolation room or operating room?** *British journal of anaesthesia*

Tsui, B. C., Pan, S. n.

2020

- **Quadratus lumborum blocks: Two cases of associated hematoma.** *Paediatric anaesthesia*

Visoiu, M., Pan, S.

2019; 29 (3): 286-288

- **Immune responses in infants whose mothers received Tdap vaccine during pregnancy.** *The Pediatric infectious disease journal*

Hardy-Fairbanks, A. J., Pan, S. J., Decker, M. D., Johnson, D. R., Greenberg, D. P., Kirkland, K. B., Talbot, E. A., Bernstein, H. H.

2013; 32 (11): 1257-60