

CURRICULUM VITAE

NAME: Dr. Aruna Parameswari

EDUCATIONAL QUALIFICATION: MD, DNB (Anaesthesiology)

DESIGNATION: Professor and Head,
Floor Leader of all Operating Rooms
Department of Anesthesiology and Pain Medicine,
Sri Ramachandra Institute of Higher Education,
Chennai

Qualification:

MBBS	1994	Kilpauk Medical College MGR University, Chennai
MD(Anesthesiology)	1998	JIPMER Pondicherry University
DNB (Anesthesiology)	1998	National Board

Tamil Nadu Medical Council Registration Number - 54259
Years of Experience in Anesthesiology: 28 YEARS

Membership:

Indian Society of Anesthesiology
Indian College of Anesthesia
Association of Obstetric Anesthesiologists of India
Research Society of Anesthesiology and Clinical Pharmacology
All India Difficult Airway Association
Indian Association of Pediatric Anesthesia

Position held:

1. Vice President, AOA
2. Specialists Board Member, DNB
3. Peer reviewer for the Indian Journal of Anesthesia
4. Peer reviewer for the Journal of Anesthesiology and Clinical Pharmacology
5. Governing Council Member, RSACP

Areas of interest:

Difficult Airway Management
Pediatric Anesthesia
Obstetric anesthesia
Craniofacial anesthesia
Anesthesia machine, equipment and Monitoring
Fluid management
Blood transfusion

Special Training:

Duration	Institute	Special training
Nov 2006	Cleft & Craniofacial Center Medical City Hospital, Dallas, Texas, USA	Anesthesia and postoperative management for cleft and craniofacial surgery

PUBLICATIONS

1. Deepshika R, Aruna Parameswari, Balasubramanian Venkitaraman, Mahesh Vakamudi, Akilandeswari Manickam. A randomized clinical study to compare the perioperative analgesic efficacy of ultrasound-guided erector spinae plane block over thoracic epidural in modified radical mastectomy. *Cureus* 15(12):e51103. DOI:10.7759/cureus.51103.
2. Hariharan S, Ramasamy Arul Murugan, Parameswari Aruna, Kumar Kodali V R, Vakamudi M. Comparison of the Efficacy of Opioid-Free Anesthesia With Conventional Opioid-Based Anesthesia for Nasal Surgeries - A Prospective Randomized Parallel Arm Triple-Blinded Study. *Cureus*. 2023 Jul 24;15(7):e42409. doi: 10.7759/cureus.42409.
3. Anisha Pauline, Arthi K, Aruna Parameswari et al. Prophylactic fixed-rate phenylephrine versus norepinephrine infusion in the prevention of post-spinal anesthesia hypotension during Cesarean delivery. *Cureus* 15(7):e41251. DOI 10.7759/cureus.41251
4. Arulmurugan Ramasamy, Senthilkumar Sukumar, Prabhavathi Srinivasan, Rajesh Kumar Kodali, Akilandeswari M, Aruna Parameswari, Mahesh Vakamudi. A comparative study on the analgesic efficacy of bilateral suprazygomatic maxillary nerve block under ultrasound guidance with 0.25% bupivacaine and 0.25% bupivacaine with dexmedetomidine in pediatric patients undergoing cleft palate repair – randomized prospective double blinded study. *JARSS* 2022;30(1):1-8.
5. Navya Kollipara, Rajesh Kumar Kodali, Aruna Parameswari. A randomized double-blinded controlled trial comparing ultrasound-guided versus conventional injection for caudal block in children undergoing infra-umbilical surgeries. *Journal of Anaesthesiology Clinical Pharmacology* 2021;37(2):249.

6. Aishwarya Prateep, Gowripriyadharshini Vijayaraj, Aruna Parameswari, Prasanna Kumar Saravanam. Early-onset respiratory distress in a child: A rare presentation. *Journal of Laryngology and Voice* 2021;11(1):17.
7. Somaganesh Neethirajan, Aishwarya Ramesh, Aruna Parameswari. Regional anesthesia in Harris Platelet syndrome for Transurethral Resection of Prostate – A Clinical Conundrum or Certitude? *Turkish Journal of Anaesthesiology and Reanimation* 2020;49:67-69
8. Pankaj Kundra, Shreya Goswami, Aruna Parameswari. Advances in vaporization: A narrative review. *Indian Journal of Anesthesia* 2020;64(3):171-180.
9. Soma Ganesh Neethirajan, Nivash Chandrasekaran, Aruna Parameswari. Effectiveness of dexmedetomidine for controlled hypotension in providing optimum surgical conditions for functional endoscopic sinus surgeries: A double-blinded randomized controlled trial. *Journal of Anesthesiology and Reanimation Specialists' Society*. 2020;28(1):12-7.
10. Sree Kumar EJ, Makani Purva, Sarat Chander, Aruna Parameswari. Impact of repeated simulation on learning curve characteristics of residents exposed to rare life threatening situations. *BMJ Simulation and Technology Enhanced Learning* 2019; 6(6):351-55.
11. Soma Ganesh Neethirajan, Santoshi Kurada, Aruna Parameswari. Efficacy of dexmedetomidine as an adjuvant to bupivacaine in ultrasound-guided transverse abdominis plane block for laparoscopic appendectomy: A randomized controlled study. *Turkish Journal of Anesthesiology and Reanimation* 2020;48:364-370.
12. Ramkumar D, Gautam D M, Aruna Parameswari. A prospective randomized comparative study between Baska mask, Proseal LMA and I Gel during positive pressure ventilation in laparoscopic cholecystectomy. *Journal of Anesthesiology and Reanimation Specialists' Society* 2019;27(2):106-111.
13. Aruna Parameswari, Bhavya Krishna, Akilandeswari Manickam, Mahesh Vakamudi. Analgesic efficacy of dexamethasone as an adjuvant to caudal bupivacaine for infraumbilical surgeries in children: A prospective, randomized study. *Journal of Anesthesiology Clinical Pharmacology* 2017;33(4):509-513.
14. Correlation between preoperative ultrasonographic airway assessment and laryngoscopic view in adult patients: A prospective study. *Journal of Anesthesiology Clinical Pharmacology* 2017;33(3):353-358.
15. Aruna Parameswari, Mahesh Vakamudi. Are we now counting calories. *British Journal of Anaesthesia* 2015;116(1):141.
16. Akilandeswari Manickam, Aruna Parameswari, Mahesh Vakamudi. Anaesthetic management of a patient with Cushing's syndrome and non-compaction cardiomyopathy for adrenal tumor resection. *Indian Journal of Anesthesia* 2012;56(4):401-4.
17. Akilandeswari Manickam, Mahesh Vakamudi, Aruna Parameswari, Chetana Chetan. Efficacy of clonidine as an adjuvant to ropivacaine for caudal analgesia in children undergoing subumbilical surgery. *Journal of Anesthesiology and Clinical Pharmacology* 2012;28(2):185-9.
18. Aruna Parameswari, Mahesh Vakamudi, Akilandeswari Manickam, Arul Murugan Ramasamy. Nasal fiberoptic-guided oral tracheal intubation in neonates and infants with Pierre Robin sequence. *Pediatric Anesthesia* 2011;21(2):170-1.
19. Aruna Parameswari, Anand M Dhev, Mahesh Vakamudi. Efficacy of clonidine as an adjuvant to bupivacaine for caudal analgesia in children undergoing sub-umbilical surgery. *Indian Journal of Anesthesia* 2010;54(5):458-63.

20. Aruna Parameswari, Mahesh Vakamudi, Raghupathy V, Siddhartha R. Anaesthetic management of total craniopagus twins for magnetic resonance imaging and cerebral angiography. *British Journal of Anaesthesia* 2010;105(3):368-70.
21. Aruna Parameswari, Gudapati Maheedar, Mahesh Vakamudi. Sedative and anxiolytic effects of midazolam and triclofos oral premedication in children undergoing elective surgery: A comparison. *Journal of Anesthesiology Clinical Pharmacology* 2010;26(3):340-44.

BOOK CHAPTERS

1. Pain Relief Following Caesarean Section. In *World Clinics in Anesthesia, Critical Care and Pain* July 2013 Vol 1 Number 2. Pages 472-489.
2. Airway management equipment. In *Principles of Anaesthesia Equipment: Post-Graduate Review*. Editors: Yasodananda K Areti and Bhavani Shankar Kodali. In print
3. Aruna Parameswari, Akilandeswari Manickam. Awareness under anesthesia. In *Year book of Anesthesiology – 5*. Eds R. Sehgal, A. Trikha. Jaypee Brothers Medical Publishers.
4. Aruna Parameswari, Akilandeswari Manickam. Transdermal drug delivery. In *Yearbook of Anesthesiology-6*. January 2017. DOI:10.5005/jp/books/12984_7.
5. 6 Chapters in *Stoeltings Coexisting Diseases – Nutritional diseases: Obesity and malnutrition, Skin and Musculoskeletal diseases, Infectious diseases, Pediatric diseases, pregnancy associated diseases, burns and postburn contracture*.
6. Adaptation editor, *Stoelting's coexisting diseases, South Asian edition*.
7. Aruna Parameswari, Akilandeswari Manickam. Anesthesia for the high-risk parturient. In: Kulkarni PA, Divatia JV, Agarwal V, Patil VP, editors. *Comprehensive Clinical Anesthesia, India: Jaypee Brothers Medical Publishers; 2022*.

GUEST LECTURES

Greater than 200 lectures in national, regional and international conferences

WORKSHOPS CONDUCTED

Greater than 50 workshops conducted in conferences