

CURRICULUM VITAE OF DR. R. ARUN KUMAR

PERSONAL PROFILE :

Forename : Arun kumar
Surname : Ramakrishnan
Date of birth : 19 – 11 – 1976
Age / Sex : 48 / Male
Nationality / Community : Indian / Hindu
Communication address
Residential Address : Block 1 – Flat No 1J,
Royal Palm Apartment,
Villankurichi Road,
Thanneerpandal,
Coimbatore - 641051
Tamilnadu, India
Hospital address : Associate Professor
Department of Anaesthesia
PSG Institute of Medical Sciences and
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QUALIFICATIONS:

<u>Degree</u>	<u>College</u>	<u>Year Of Passing</u>
MBBS	IRT Perundurai Medical College & Research Center, Perundurai, Erode district	May 2000
DA	PSG Institute of Medical Sciences & Research, Coimbatore, Tamilnadu	May 2013
DNB (Anaes)	Kovai Medical Center & Hospital Limited, Coimbatore	Dec 2013

AFFILIATIONS :

Member of Indian Society of Anaesthesiologist (R-2051)

TRAINING AND EXPERIENCE / SKILLS ACQUIRED:

I worked as Junior Resident in the Department of Pharmacology and Gastroenterology at PSGIMSR, Coimbatore and did research study in Clinical evaluation of Itopride trial in patients with Non Ulcer Dyspepsia / Chronic Gastritis.

I worked in Emergency and Intensive Care Unit at KMCH, Coimbatore managing patients with medical emergencies and learnt the skills in performing intubation, invasive lines & care of patients on mechanical ventilation.

I underwent my postgraduation in DNB Anaesthesiology at KMCH & DA at PSGIMSR and learnt the art of anaesthesia in operating room covering various surgical specialities. I observed, learnt and performed the anaesthetic procedures like spinal anaesthesia, epidural anaesthesia, central venous cannulation, arterial cannulation, nerve blocks, general anaesthesia and setting up of patient controlled analgesia.

I also learnt the steps and protocols followed during preoperative assessment and preparation of patients scheduled for surgeries, conduct of anaesthesia and postoperative recovery period including pain management.

I attended the audit meeting, journal clubs and departmental teaching sessions in the anaesthesiology & Intensive Care Unit department. I did stay duties once in 5 days through out my postgraduation curriculum.

I joined as registrar in cardiothoracic surgery at KMCH, Coimbatore and attained skills in cardiothoracic anaesthesia. I attained better skills and confidence in conducting anaesthesia in CABG's, Valve replacement and thoracic surgeries I was working in Paediatric Cardiothoracic Unit and gained immense knowledge in paediatric anesthesia, paediatric ventilatory management and paediatric resuscitation.

I joined as senior resident in Department of Anaesthesia, PSGIMSR, Coimbatore and started my career conducting anaesthesia on my own. I reaped confidence in anaesthetizing high risk surgical patients, difficult airway patients and ventilator management individually.

I took special interest in gaining recent advances in anaesthesia and in academic activities to anaesthesia postgraduates, operating theatre technicians and MBBS graduates

AREAS OF INTEREST :

- ❖ Paediatric anaesthesia
- ❖ Obstetric anesthesia & Labour analgesia
- ❖ Laparoscopic surgeries
- ❖ Palliative surgeries
- ❖ Organ Transplant
- ❖ Bariatric Surgery
- ❖ Day care surgery
- ❖ Academic activities
- ❖ Research and ethics

TEACHING EXPERIENCE:

POSITION	NAME OF INSTITUTION	FROM (Month / Year)	TO (Month / Year)	TOTAL EXPERIENCE (Years)
Junior Resident	Kovai Medical Center & Hospital Limited, Coimbatore	June 2003	May 2006	3 Yrs
Senior Resident	PSGIMSR, Department of Anaesthesiology, Coimbatore	June 2013	August 2015	2 Yrs
Assistant Professor	PSGIMSR, Department of Anaesthesiology, Coimbatore	September 2015	September 2019	4 Yrs
Associate Professor	PSGIMSR, Department of Anaesthesiology, Coimbatore	October 2019	Till date	

CME PROGRAM ATTENDED:

- RACE 2003 to RACE 2014 - SRMC, Chennai
- MACME 2005 - MMC, Chennai
- APGAP 2005 & 2011 - KMC, Manipal
- ICU UPDATE 2005 & 2012 - KMCH, Coimbatore
- PGA Assembly 2005 to 2008 - GKNM, Coimbatore

- Pulmonary critical care 2007 - KMCH, Coimbatore
- PG QUESTS ISA WFSA CME 2008 - SCTH, Trivandrum
- Recent advances in anaesthesia - KMCH, Coimbatore
- XV World anaesthesia day 2012 - SMC, Chennai
- EORCAPS 2012 - UCMS & GTBH, Delhi
- CAP 2013 - CMCH, Coimbatore
- PREPP VII 2013 & VIII 2014 - KMC, Chennai
- PG excel ESIC PGIMSR 2013 - Bangalore
- CARE 2013 - CMCH, Coimbatore
- CAP 2015 - ISA, Coimbatore
- KMCH Anaesthesia Update 2017 - KMCH, Coimbatore
- GALA 2019 - GEM, Coimbatore
- CAP 2019 - ISA, Coimbatore
- ISACON 2019 - ISA Mysore
- APGAP 2020 - Manipal
- 15th Cardiac Anaesthesia Update 2020- IACTA, Chennai
- PSGMEALCON 2023 - PSGIMSR, Coimbatore

CONFERENCES:

- SZAC – AU 2004 – Chithambaram
- SZISA PONCON 2006 – Pondicherry
- FNCOA 2008 – Chennai
- AORA 2012 – Coimbatore
- CASCO 2012 – Coimbatore
- PONSZAC 2013 – Pondicherry
- ISACON 2014 – Madurai
- ISACON 2019 – Mysore
- ISACON PUDUCHERRY 2020 – Puducherry
- APGAP 2020 – Manipal
- KMCH Anaesthesia Update 2017 – KMCH, Coimbatore
- ISA PG Assembly – ISA, Coimbatore
- ISACON TAMILNADU 2021 – Salem
- ISACON SOUTH 2021 – Puducherry
- ISACON 2022 – Madurai
- ISACON 2023 – Thanjavur

WORKSHOP:

- ISCCM & NBE Hands on basic life support, intubation and ventilation – 2004

- RSACP – CMC Anaesthesia 2005
 - 1.Circuits & Vapourisers
 - 2.Airway manourvre
 - 3.Fibreoptic
- Fischer & Paykel health care 2005
 - Adult humidification
- World anaesthesia day CME program 2012 – FAST & Focussed ECHO and Intraoperative monitoring
- AORA 2012
 - Neuraxial blocks & Labour analgesia
- CASCO 2012
 - Airway workshop
- PONSZAC 2013
 - Haemodynamic monitoring
- ISACON 2014
 - Arrhythmia
- AOA 2015
 - Obstetric anaesthesia

PAPER PRESENTATION:

- ✓ SZISA PONCON 2006 – Incidence of post dural puncture headache in different size quincke spinal needles in patients coming for elective and emergencies surgeries
- ✓ CASCO 2012 – Comparing the efficacy of 0.6% Ropivacaine and 0.125 % Bupivacaine with fentanyl for labour epidural analgesia
- ✓ PONSZAC 2013 – Anaesthetic management of an obstetric haemorrhage – an interesting case report
- ✓ ISACON 2014 – Anaesthetic management of Congenital Hypofibrinogenemia posted for elective LSCS at 35 weeks of gestation
- ✓ ISACON 2023 - A comparative study on effect of intrathecal nalbuphine and buprenorphine when added as an adjuvant to 0.5% hyperbaric bupivacaine in elective infraumbilical surgeries

CLINICAL AUDIT

- ✓ Audit on obtaining informed consent for all the patients posted for surgery electively

PUBLICATIONS:

- ❖ Arun Kumar R (2019) 'Incidence of Post Dural Puncture Headache With Different Size Quincke Spinal Needles In Parturients Undergoing Caeserean

Section', International Journal of Current Advanced Research, 08(07), pp.19428-19432.DOI: <http://dx.doi.org/10.24327/ijcar.2019.19432.3747>

- ❖ S Rohini, R Arun Kumar, G Dhanabagyam. Comparison of C-MAC blade and McCoy blade for laryngoscopy in adult patients undergoing tracheal intubation for elective surgeries with simulated cervical spine injury using manual in line stabilization. MedPulse International Journal of Anesthesiology. August 2019;11(2):129-135.
DOI:<https://doi.org/10.26611/101511128>
- ❖ K Chandra Mohan, R Arun Kumar, A T Sathiya Vinotha, D Dhatchinamoorthi. Efficacy of dexamethasone in reducing the severity of postoperative sorethroat after endotracheal intubation. MedPulse International Journal of Anesthesiology.November 2019; 12(2): 155-160
DOI: <https://doi.org/10.26611/1015121219>
- ❖ R Arun Kumar, C Ganesan. A clinical audit on cancellation of elective surgery on a scheduled day in a teaching institution. MedPulse International Journal of Anesthesiology. November 2019; 12(2): 161-165.
DOI: <https://doi.org/10.26611/1015121220>
- ❖ Anaesthetic management in a patient with dermatomyositis – A case report, S Sulekha, R Arun kumar International Journal of Scientific Research:Volume-9/Issue-7/July-2020:1-2
<https://www.doi.org/10.36106/ijsr>
- ❖ R Arun Kumar and R Arun Shankar. Challenges in extubating a COPD patient with respiratory failure and asymptomatic longstanding multinodular goiter with retrosternal extension. International Journal of Medical Anaesthesiology.2020;3(2):108-110.
DOI: 10.33545/26643766.2020.v3.i2b.131
- ❖ R Arun Kumar, S Anandkrishnan. Anaesthetic management in a patient with pituitary macroadenoma: a case report. International Journal of Contemporary Medical Research 2020;7(8):H12-H14. DOI: <http://dx.doi.org/10.21276/ijcmr.2020.7.8.28>
- ❖ Kumar R A, Preetha I, Comparing the efficacy and haemodynamic response between intrathecal hyperbaric 0.5% bupivacaine with isobaric 0.75% ropivacaine using fentanyl as adjuvant in patients undergoing infra umbilical

surgeries. Indian J Clin Anaesth 2020;7(3):444-449. DOI: <https://doi.org/10.18231/j.ijca.2020.081>

- ❖ R Arun Kumar and Ahamed Ashar Ali H (2020) 'Covid–19 and Anaesthesiologist : What We Should Know', International Journal of Current Advanced Research, 09(10), pp. 23197-23202. DOI: <http://dx.doi.org/10.24327/ijcar.2020.23202.4595>
- ❖ Arun Kumar, Dalena Merin Mathew, Reehana Jabarulla, P Mahalakshmi. A case series in anaesthetic management in a patient with Brugada syndrome. MedPulse International Journal of Anesthesiology. January 2021;17(1):07-10.
- ❖ Kumar RA, Ammu S. Comparing the efficacy of tramadol, ketamine and dexmedetomidine in the prevention of intraoperative shivering in patients undergoing surgery under subarachnoid blockade. Indian J Clin Anaesth 2021;8(3):446-451.
- ❖ K Pazhanambigai & R Arun Kumar. (2021); A Prospective Randomised Study to Compare the Onset, Intubation condition and Duration of Various Doses of Rocuronium in Adult Patients Undergoing Endotracheal intubation. IAR J Anaes Critic Cre. 2(2) 82-87
- ❖ Arun Kumar R and Vinoth Kumar (2021) 'Anaesthetist and Intensivist as A Covid–19 Warrior in the High Dependancy and Intensive Care Unit', International Journal of Current Medical and Pharmaceutical Research, 07(04), pp 5627-5631
- ❖ Aravind A, Kumar A R and Kavitha R(2022). Comparison Of Effect Of Low Dose Ketamine And Lignocaine Pre-Treatment In Prevention Of Pain On Propofol Injection During General Anesthesia For Elective Surgeries. I J Anaes Inten Care1(1): 102
- ❖ Gaidhankar NT, Mohan KC, Kumar RA, Kumar AN. Alleviating hemodynamic response to tracheal extubation: A comparative study between dexmedetomidine and lignocaine in surgical patients. Indian Anaesth Forum 2023;24:21-8.

ONLINE CME'S

- ISA Tamilnadu State Branch – Webinar no.2 – Hosted by ISA Madurai city branch on 30th August 2020
- 1st YUVA ISA National CME – Online academic extravaganza
Organised by Society of Anaesthesiologists Haryana, Hosted by Indian Society of Anaesthesiologists National on 5th and 6th September 2020
- International Webinar “Cornerstone of Scientific Publication – 2”
Organised by Innovative Education and Scientific Research Foundation on 6th September 2020
- ISA Tamilnadu State Branch – Webinar no.3 – Hosted by ISA Theni city branch on 13th September 2020

FACULTY DEVELOPMENT PROGRAM - NPTEL:

- ❖ Basic course in Biomedical Research - July 2022
- ❖ Health Research Fundamentals - Jul-Sep 2022
- ❖ Electrocardiogram – Interpretation and Application in Clinical Practice - Jul-Aug 2023
- ❖ Scientific Writing in Health Research - September 2023
- ❖ Ethics Review of Health Research - October 2023
- ❖ Introduction to Systematic Reviews for Dental Health Professionals - October 2023
- ❖ National Educational Policy 2020 - October 2023

AHA ACCREDITED COURSES:

- ✓ BLS / ACLS Instructor course - June 2024
- ✓ PALS Provider course - December 2018