

CURRICULUM VITAE

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EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE	YEAR
Bangalore Medical College & Research Institute, Bangalore, India	M.B.B.S	2005-2010
Victoria Hospital, Bowring & Lady Curzon Hospital, Vani Villas Hospital, Bangalore, India	Internship	2010-2011
Maulana Azad Medical College, New Delhi, India	M.D.	2012-2015
Jawaharlal Institute of Postgraduate Medical Education & Research (JIPMER), Puducherry, India	Fellowship in Pediatric Critical & Emergency Care	2016-2017
Postgraduate Institute of Medical Education & Research (PGIMER), Chandigarh, India	DM Pediatric Critical Care	2018-2020

EXPERIENCE

- ❖ Senior Resident in Pediatrics in Indira Gandhi Institute of Child Health from July 2015 to June 2016 (1 year) with 6 months in Pediatric Intensive Care Unit
- ❖ Fellow in Pediatric Critical and Emergency Care from July 2016 to June 2017 at JIPMER, Puducherry
- ❖ Senior Resident in Pediatrics at Bangalore medical College & Research Institute from July 2017 to Dec 2017 in Pediatric Intensive Care Unit
- ❖ Fellow in Pediatric Critical and Emergency Care from January 2018 till date at PGIMER, Chandigarh
- ❖ Involved actively in training undergraduate, postgraduates and in Pediatrics and Pediatric Critical Care Units & undergraduates in Pediatric basic life support

TEACHING

- ❖ Undergraduate teaching in Pediatrics including bedside clinics
- ❖ Postgraduate training in Pediatrics including procedures, clinical skills & diagnostic decision making
- ❖ Pediatric critical resident care teaching including intensive monitoring, interventional procedures & ventilation
- ❖ Pediatric basic and advanced life support training to the undergraduates, postgraduates & nurses

SCIENTIFIC PAPER/POSTER PRESENTATION

- ❖ Presented a paper entitled “Clinico radiological Spectrum of children presenting with disproportionate short stature” in Pedicon, 52nd Annual National Conference of IAP 22-25th January 2015 at New Delhi, India
- ❖ Co-authored a paper entitled “Report of a North Indian Cohort of Short limbed dwarfism with novel genotype and unusual associations” at Indian Society of Pediatric Radiology 5th National CME on 23rd March 2013 at New Delhi
- ❖ Presented a paper entitled “Hospital-based study of the spectrum of skeletal dysplasias in children in Northern India” in the 4th International Conference of Pediatrics, Atlanta, USA during March 29-31, 2016
- ❖ Presented a paper entitled “ Neurological Spectrum and outcome of Chikungunya encephalitis in children” at Pedicon, 54th Annual National Conference of IAP, 18-22nd January 2017 at Bangalore, India and secured first place for the oral presentation (free paper)
- ❖ Presented a paper entitled "Clinical Outcome of Chikungunya Encephalitis in children from South India" at the ANZICS / ACCCN Annual Scientific Meeting 2017 held in Gold Coast, Australia from 11 - 13 October 2017.
- ❖ Presented a poster on “Fluid balance and clinical outcomes in mechanically ventilated children in pediatric intensive care unit – a retrospective observational analytical study” at NCPIC, 2nd – 5th Nov, 2017 held at Chandigarh, India.
- ❖ Co-authored a paper entitled “Brachial neuritis and prolonged survival: The enigma of Rabies encephalomyelitis” at the International Child Neurology Congress from 15-18 November 2018 held in Mumbai, India.
- ❖ Presented a paper entitled “Effect of multipronged prevention bundle on trends of Healthcare associated infection in a Pediatric Intensive Care Unit of a tertiary care

hospital over a 4 year period” at Criticare 2019 (25th Annual National Conference of Indian Society of Critical Care Medicine) held in Mumbai, India from 1-3 February 2019.

- ❖ Presented an e-poster entitled “Feasibility and outcomes of Non-invasive ventilation in a Pediatric Intensive Care Unit in a resource limited setting” at ESICM Lives 2019 held in Berlin, Germany from 28th September to 4th October 2019.

PUBLICATIONS

- 1) Namita R Kumar et al. Application of matrix-assisted laser desorption ionization time-of-flight mass spectrometry (MALDI- TOF MS) in rapid identification of clinical isolates. *J Proteomics Bioinform* 2015, 8:8
- 2) Namita Ravikumar et al. Hospital-based study of the spectrum of skeletal dysplasias in children in Northern India. *Pediat Therapeut* 2016, 6:1(Suppl)
- 3) Agarwal N, Kapoor S, Mangla A, Kumar A, Mandal RN, Ravikumar N, Ramachandran M. Utility of detecting *sof* gene as evidence of *Streptococcus pyogenes* infection in Acute Rheumatic fever. *Indian Pediatr.* 2019. 56:311. 1521-7.
- 4) Mohandoss V, Williams V, Ravikumar N, Nallasamy K. Congenital bathing trunk nevus with meningomyelocele. *Indian Dermatol Online J* 2019;10:186-7.
- 5) Ravikumar N, Awasthi P, Nallasamy K, Angurana SK, Jayashree M. Impacted Pen Cap in Pharynx Leading to Pharyngojugular and Pharyngocutaneous Fistula in an Infant. *J Pediatr Intensive Care.* DOI: 10.1055/s-0040-1701208
- 6) Ravikumar N, Nallasamy K, Bansal A, Angurana SK, Basavaraja GV, Sundaram M, et al. Novel Coronavirus 2019 (2019-nCoV) Infection: Part I - Preparedness and Management in the Pediatric Intensive Care Unit in Resource-limited Settings. *Indian Pediatr.* 2020;57:324-34.
- 7) Sundaram M, Ravikumar N, Bansal A, Nallasamy K, Basavaraja GV, Lodha R, et al. Novel Coronavirus 2019 (2019-nCoV) Infection: Part II – Respiratory Support in the Pediatric Intensive Care Unit in Resource-limited Settings. *Indian Pediatr.* 2020;57:335-42.
- 8) Goyal K, Bhagwat C, Suthar R, Saini AG, Ravikumar N, Singh P, Mani RS, Singh M. Enigma of Rabies: Prolonged Survival in a Boy with Rabies Brachial Plexitis and Encephalomyelitis. *Neurol India* 2020;68:673-6
- 9) Ravikumar N, Sundaram M, Bhalala U, Gupta D, Bansal A. Pediatric intensive care management in coronavirus infection-19. *J Pediatr Crit Care* 2020;7:S36-41

- 10) Ravikumar N, Rameshkumar R, Satheesh P, Mahadevan S. Retrospective study on 48-h fluid balance and outcome in mechanically ventilated critically ill children. *J Pediatr Crit Care* 2020;7:174-8.

CHAPTERS IN BOOKS

- 1) Namita Ravikumar and Arun Bansal. Troubleshooting in Mechanical ventilation. IAP Textbook of Pediatric ICU Protocols. 3rd ed. Jaypee pub. 2019. Ch 19. Pg 116-121.
- 2) Arun Kumar Baranwal and Namita Ravikumar. Basics of mechanical ventilation. IAP Specialty Series on Pediatric Intensive Care. 3rd ed. Jaypee pub. 2019. Ch 7. Pg 73-85.

RESEARCH

- 1) Cross sectional study on Clinico-radiological spectrum of children presenting with disproportionate short stature as a part of postgraduate dissertation at MAMC, New Delhi
- 2) Observational study on Neurological Spectrum and outcome of Chikungunya encephalitis in children at IGICH, Bangalore while working as a Senior Resident
- 3) Co-investigator in Global Asthma Network Study in Bangalore
- 4) Retrospective observational analytical study on “ Fluid balance and clinical outcomes in mechanically ventilated children in pediatric intensive care unit” as a part of fellowship dissertation at JIPMER, Puducherry
- 5) Randomised control trial on “Superior venacaval oxygen saturation monitoring (intermittent /continuous) based goal directed therapy vs standard care in children with septic shock: an open label randomized control trial” in Pediatric Emergency and Pediatric Intensive Care Units at PGIMER, Chandigarh (ongoing)

PRIZES/AWARDS

- ❖ First prize for oral presentation (free paper) on “Neurological Spectrum and outcome of Chikungunya encephalitis in children” at Pedicon, 54th Annual National Conference of IAP, 18-22nd January 2017 at Bangalore, India
- ❖ Selected for Young Talent Hunt presentation and presented a paper on “Fluid balance and clinical outcomes in mechanically ventilated children in pediatric intensive care unit – a retrospective observational analytical study” at NCPIC, 2nd – 5th Nov, 2017 held at Chandigarh, India
- ❖ Finalist in Young lecturer award presentation on “Understanding basic pathophysiology is the founding stone to a budding intensivist - the most important lesson for a first year

ICM professional” at ESICM Lives 2019 held in Berlin, Germany from 28th September to 4th October 2019

INTERESTS

Pediatric Critical Care and Pediatric Emergency Care with special interest in Pediatric transport, post-operative cardiac critical care, septic shock, ECMO, CRRT, research and training.