

DR. KAUSHIK RAGUNATHAN

Associate Consultant - Paediatric Neurology

Qualification

MBBS | MD (Paediatrics), DNB (Paediatrics) | DM (Paediatric Neurology) (AIIMS, New Delhi)

Overview

Dr Kaushik is a dedicated clinician with over seven years of experience spanning clinical practice, teaching, and research in Paediatrics, including three years of exclusive training in Paediatric Neurology at the All India Institute of Medical Sciences (AIIMS), New Delhi. He has served at several government institutions and medical colleges across India, including Government Medical College, Kottayam; ANIIMS, Port Blair; AIIMS, New Delhi; and AIIMS, Guwahati. His core areas of interest include paediatric epilepsy and EEG, management of drug-refractory epilepsy (including ketogenic diet therapy and non-invasive neuromodulation- Transcranial magnetic stimulation, TMS), epileptic encephalopathy, genetic epilepsies, cerebral palsy, demyelinating disorders, CNS infections, neuromuscular conditions and others. A consistent academic topper during his undergraduate and postgraduate years, he has received several gold medals, including the prestigious Dr. B. R. Santhanakrishnan Gold Medal for securing the top rank at the national level in the DNB Paediatrics examination held in December 2016. His research portfolio includes two major randomised controlled trials in epilepsy as Principal Investigator, in addition to exposure to several multicenter international trials on neuromuscular diseases (STEER in SMA, MISSION in DMD) during his tenure at AIIMS, New Delhi. He has published in peer-reviewed national and international journals such as the Indian Journal of Paediatrics, Neurology, Indian Paediatrics, and Brain Stimulation, along with authoring textbook chapters and conference abstracts. Deeply passionate about teaching, Dr Kaushik views medical education as both a privilege and a responsibility. He takes a keen interest in mentoring aspiring paediatricians and paediatric neurologists, and believes in fostering curiosity, scientific thinking, and empathetic care in students. He has guided undergraduate research works and postgraduate dissertations and has actively contributed to academic assessments, curriculum planning, and interdisciplinary academic discussions. With a strong commitment to academics and research, he consistently fosters a collaborative and engaging learning environment for medical trainees.

Fellowship & Membership

- Indian Academy of Paediatrics (IAP), Association of Child Neurology, India (AOCN)

Field of Expertise

- Paediatric epilepsy (including Epileptic encephalopathy, Genetic epilepsy, Drug-refractory epilepsy and ketogenic diet (KD))
- Paediatric and neonatal Electroencephalography (EEG), Neonatal seizures
- Cerebral palsy
- Electrophysiological services such as paediatric Nerve conduction studies (NCS), EMG
- CNS infections, Demyelination (genetic and acquired)
- Ataxia

- Neurodegenerative conditions
- DMD, GBS
- Disease-targeted treatment in children with spinal muscular atrophy (SMA) that includes Onasemnogene abeparvovec-xioi / IV gene therapy, Risdiplam

Languages Spoken

- English
- Tamil
- Hindi
- Malayalam

Awards & Achievements

- UG: Gold medals in Paediatrics and Obstetrics & Gynaecology
- PG: Recipient of Dr B R Santhanakrishnan Gold medal for being the topper at national level in DNB Paediatrics (Dec 2016 session)
- Recipient of the Dr CR Soman Award for the best Postgraduate Dissertation (December 2016- By Health Action by People & Govt medical college, Trivandrum)
- Dr Omana Mathew Award for the best Postgraduate Research (Awarded by IAP Kerala state for the year 2016)

Talks & Publications

- Dr. Kaushik Ragunathan has various publications in national and international journals, including Indian Paediatrics, Indian Journal of Paediatrics, Neurology, Elsevier's Brain stimulation, apart from chapters in books (Behavioural disorders in Children and Partha's IAP Textbook of Paediatrics).
- He has conducted two randomised controlled trials (RCTs) in Paediatric and neonatal epilepsy, and during his tenure at AIIMS, Delhi, has exposure to several international multi-centre trials related to paediatric neuromuscular conditions (STEER, MISS1ON) and TSC (NOE-101).
- Dr. Ragunathan has recently presented and published the findings of an RCT in Pediatric drug-refractory epilepsy at Elsevier's Brain Stimulation Conference held at Kobe, Japan, in Feb 2025.