



**Dr. Ranjith Kumar Manokaran,**

**MD (Pediatrics - AIIMS), DM (Pediatric Neurology – AIIMS, New Delhi)**

**Email ID: doct.ranjith@gmail.com**

**Mobile No: 9013860064**

**Current Position:**

1. Assistant Professor, Pediatric Neurology, Department of Neurology, Sri Ramachandra Medical College, Chennai (Feb 2017 – till now)
2. Associate consultant, Pediatric Neurologist, Sri Ramachandra Medical Centre, Chennai (Feb 2017 – till now)

**Best outgoing student year 2009 – Winner of the prestigious Johnstone Medal for academic excellence from Madras medical college, Chennai**

## **CURRICULUM VITAE**

### ***Personal details:***

Name: Ranjith Kumar M

Father`s name: K Manokaran

DOB: 26/12/1986

Permanent address: 1, Kalluchandu, Pattukkottai road, Aranthangi, Pudukkottai

District, Tamil Nadu – 614616

Medical Registration Number: 90311

***Languages:*** Tamil, English, Hindi, Telugu

### ***Qualifications:***

Graduation: MBBS (2004 to 2010) from Madras medical college, Chennai, Tamil Nadu

Best outgoing student year 2009 – Winner of the prestigious Johnstone Medal for academic excellence from Madras medical college

Post Graduation : MD Pediatrics - (2011 to 2014) from AIIMS, New Delhi

Super Specialty DM Pediatric Neurology AIIMS – from 2014 January to January 2017

***Research experience:***

1. Identification of perceived concerns and awareness levels on health related issues among urban Indian adolescents (Chief Guide – Dr Vandana Jain, Pediatric Endocrinologist, AIIMS, New Delhi)
2. Sleep abnormalities and abnormal polysomnographic profile among children with drug resistant epilepsy (Chief Guide – Prof Sheffali Gulati, Chief, Child Neurology Division, AIIMS, New Delhi)
3. Prevalence of smooth muscle dysfunction among children with Duchenne muscular dystrophy (Chief Guide – Prof Sheffali Gulati, Chief, Child Neurology Division, AIIMS, New Delhi)
4. Clinical profile of childhood epilepsy in a tertiary care referral hospital
5. Diagnostic yield of Hyperventilation: 3 minutes versus 5 minutes

***Past Work experience:***

1. Intern Physician, Madras Medical College, Chennai, Tamil Nadu from March 2009 to March 2010
2. Resident Physician, Department of Pediatrics, AIIMS, New Delhi from January 2011 to January 2014
3. Senior Resident Physician, Child Neurology Division, AIIMS, New Delhi from January 2014 to January 2017

***Current roles and responsibilities:***

- Diagnosis and management of pediatric patients with neurological disorders in the Outpatient department (OPD). Management of patients with a variety of neurological disorders including developmental delays, cerebral palsy, epilepsy, headaches, neuromuscular disorders, neurodegenerative disorders, neuro-metabolic disorders, neuro-behavioral disorders which include autism, ADHD, learning disabilities, psychologic disorders, neuropsychiatric conditions and others.
- Diagnosis and management of pediatric patients presenting with neurological emergencies in the Emergency Department. Presentations include seizures, status epilepticus, neuroinfections, acute encephalopathy, raised intracranial tension, stroke, acute onset flaccid weakness (including Guillain-Barre Syndrome) and others.
- Management of patients admitted to Neurology wards and intensive care units (PICU and NICU).
- Management of pediatric patients in Neurology subspecialty clinics namely Neurocysticercosis clinic, Genetics clinic, Neurodevelopmental clinic, Neuromuscular disorders clinic, Pain Clinic and Autism Clinic.
- Performing procedures and tests in pediatric neurological patients including lumbar puncture, CSF manometry, shunt taps, cranial USG, muscle biopsy, nerve biopsy, neostigmine challenge test, forearm ischemic stress test, dynamometry and others. Experience of performing over 250 muscle and nerve biopsies.
- Routinely performing ancillary investigations like EEG, Polysomnography, Nerve conduction study, Electromyography, Otoacoustic emissions and others. Experience of having reported around 1000 EEGs and 150 NCSs & EMGs.

□ Academic and teaching activities involving post graduates and nursing staff.

**Presentations & Posters:**

1. "Body Image Perception in Urban School-going Adolescents" - 1st prize, 3rd Biennial meeting of Indian Society of Pediatric and Adolescent Endocrinology at Bengaluru
2. Identification of perceived concerns and awareness levels on health related issues among urban Indian adolescents – Annual meet of IAP endocrinology Delhi Chapter, New Delhi, 2014
3. Cerebral Venous Sinus thrombosis Tubercular meningitis and Moya Moya pattern of vasculopathy: A rare combination at Association of child neurology conference, Kolkata, 2014
4. Leptomeningeal primary PNETs mimicking chronic meningitis at Association of child neurology conference, Kolkata, 2014
5. Anti GAD positive autoimmune epilepsy in children: a report of 3 cases: presented at International epilepsy congress, Istanbul 2014
6. Encephalopathy in a child with hydrocephalus: Role of EEG: International epilepsy congress, Istanbul 2015
7. Basal Ganglia Stroke precipitated by trivial trauma: Paediatric Cohort: International child neurology conference: Amsterdam 2016
8. Neuromyelitis optica spectrum disorder(nmosd) presenting as bilateral internuclear ophthalmoplegia in a 12 year old girl child: a rare entity: Neuropedicon Delhi 2018
9. Smooth muscle dysfunction in DMD: ICNC Mumbai 2018

## Honours & Achievements:

### *Medals and awards*

1. Best outgoing student year 2009 – Winner of the prestigious Johnstone Medal for academic excellence from Madras medical college
2. Prize and Medal winner from Dr MGR medical university for year 2010 from the His excellency former president of India Dr APJ Abdul Kalam
3. Ten prizes for academic excellence in subjects like biochemistry, surgery from Madras medical college
4. Tmt. Leelarani Seshachalam of Lions club of Madras East endowment prize – 2009
5. Best outgoing student (Male) – Dr C. Senthilnathan Gold Medal, 2009
6. Dr S. Govindarajan Endowment prize year 2009
7. Dr Broad Field Prize, Highest marks in university exams, Anatomy and surgery, 2009
8. Dr JAS Masilamani memorial prize, Highest marks in all university exam
9. Dr Nanjunda Rao gold medal for proficiency in surgery
10. Dr S. Govind Reddy Medal first marks in pathology and microbiology
11. Dr KV Bhatt memorial prize highest marks in university examinations in pathology, microbiology and community medicine
12. Dugar welfare foundation prize, Highest marks in university surgery and biochemistry
13. Won many regional and national mediquiz competitions

### *Medical quizzes*

1. Winner of NNF North Zone Neonatology quiz - 2013
2. Runner up in Delhi IAP PG quiz - 2013
3. Winner of Medigencon Quiz – 2013
4. Runner up PHOCON quiz - 2013
5. Runner up at AOCN child neurocon quiz – 2012
6. Winner Quiz Child Neurocon Kolkata -2015
7. Runner up Pediatric Neurology Quiz ICNC Mumbai 2018

## ***Publications***

1. Recurrent headache in a five year old boy. Saini L, Kumar RM, Chakrabarty B, Gulati S *Ann Indian Acad Neurol*. 2016 Jan-Mar;19(1):143-5.
2. A 7-year-old girl with recurrent episodes of abdominal pain, seizures, and loss of vision: Primary diffuse leptomeningeal primitive neuroectodermal tumor masquerading as chronic meningitis. Nambirajan A, Suri V, Sharma MC, Kumar R, Garg A, Gulati S, Tandon V. *Neurol India*. 2015 Sep-Oct;63(5):736-42.
3. A Trembling Child at Rest, Action, and Intention: A Unique Treatable Entity. Dubey R, Saini L, Manokaran RK, Chakrabarty B, Agrawal D, Kumar A, Gulati S. *Pediatr Neurol*. 2015 Sep;53(3):268-9.
4. A Combination of Moyamoya Pattern and Cerebral Venous Sinus Thrombosis: A Case of Tubercular Vasculopathy. Kumar RM, Saini L, Kaushik JS, Chakrabarty B, Kumar A, Gulati S. *J Trop Pediatr*. 2015 Oct;61(5):393-6.
5. Sleep and drug resistant epilepsy in Children: Sleep Medicine and Disorders: International Journal: Manuscript accepted: Manokaran RK, Gulati S. Sleep and drug resistant epilepsy in children. *Sleep Med Dis Int J*. 2018;2(4):96–98. DOI: 10.15406/smdij.2018.02.00050
6. Development and validation of DSM-5 based diagnostic tool for children with Autism Spectrum Disorder: Gulati S, Kaushik JS, Saini L, Sondhi V, Madaan P, et al. (2019) Development and validation of DSM-5 based diagnostic tool for children with Autism Spectrum Disorder. *PLOS ONE* 14(3): e0213242. <https://doi.org/10.1371/journal.pone.0213242>
7. Cerebral venous sinus thrombosis in Lesch Nyhan Syndrome: Article accepted in *Neurology India*
8. Sleep abnormalities and polysomnographic profile in children with drug resistant epilepsy for epilepsy & behavior (Manuscript submitted to *Epilepsy and behavior*)
9. Prevalence of smooth muscle dysfunction among children with duchenne muscular dystrophy (Manuscript submitted to *Muscle and Nerve*)

10. "Phenytoin induced status dystonicus: A rare manifestation of phenytoin toxicity in a child with autism spectrum disorder." "AIAN\_674\_19". (Manuscript under publication – Annals of Indian Academy of Neurology)
11. "An atypical presentation of Joubert syndrome due to a novel mutation in ZNF 423 gene "JPN\_168\_19". (Manuscript under Publication – Journal of Pediatric Neurosciences.

### ***Participation in conferences, seminars and workshops***

1. International epilepsy congress, Sep 2014, Istanbul
2. Association of Child Neurology Conference, Delhi, 2012
3. Association of Child Neurology Conference, Kolkata, 2014
4. Medigencon – Rare diseases day – 2015
5. International workshop on epilepsy, GB Pant hospital, 2016
6. Workshop on EEG, Medanta Hospital, Gurgaon, 2015
7. Pediatric intensive care course, PGI Chandigarh, 2013
8. Invited by National institute of tuberculosis research for discussion on CNS TB
9. Workshop on Pediatric gastroenterology, Apollo, Delhi 2013
10. International conference on Newborn Screening, AIIMS, Delhi 2014
11. Pediatric Neuromuscular disorder Conference, Pune 2018
12. ICNC, Mumbai 2018
13. Neuropedicon Delhi 2018
14. Neuropedicon Hyderabad 2019
15. Pediatric Neurology Masterclass, Chennai 2018



16. Course Director BPNA, Pediatric epilepsy training course (PET1), Chennai 2020

***Best Poster Awards***

1. "Body Image Perception in Urban School-going Adolescents" - 1st prize, 3rd Biennial meeting of Indian Society of Pediatric and Adolescent Endocrinology at Bengaluru
2. Winner – 2nd prize for best poster: Cerebral Venous Sinus thrombosis Tubercular meningitis and Moya Moya pattern of vasculopathy: A rare combination
3. "Nuclear – Mitochondrial cross-talk: Implications in mitochondrial function and disease pathophysiology" received first prize in poster presentation in Third National Conference of the Society for Indian Academy of Medical Genetics (SIAMG) 2016 held in AIIMS from 7th-10th December 2016. ]
4. First prize: Cerebral venous sinus thrombosis in a child with Lesch-Nyhan Syndrome: AOCN Delhi 2017
5. First prize: Acute encephalopathy with biphasic seizures and late reduced diffusion associated with *Dengue infection* in a child: International Science Symposium on HIV and infectious disease: Chennai 2019

***Books: Chapters and Contributions***

1. IAP/AIIMS: Antibiotic policy: Chapter on nosocomial infections: 2012 Dr Ranjith Kumar
2. AIIMS Newborn Protocol 2015: Chapter on Thermal regulation, Dr Ranjith Kumar
3. Dr Suraj Gupte: Chapter on Metabolic crisis: Dr Sheffali Gulati, Dr Ranjith Kumar
4. Differential diagnosis in Pediatrics IAP: Chapter on Neurodegenerative disorders

5. Textbook of Pediatrics by Dr Padmasani: Chapter on epilepsy
6. IAP Specialty series: Chapter on Acute flaccid paralysis
7. Chapter on Peripheral neuropathy: Scott`s Pediatrics

### **Lifetime Membership**

1. International child neurology Congress
2. Association of Child Neurology, India
3. Indian Academy of Pediatrics – Pediatric Neurology Subsection
4. Indian academy of Neurology – Pediatric Neurology Subsection