

**Dr. GUHAN RAMAMURTHY**  
**MD, DM, DNB, Fellow of European Board of Neurology, FSM-ISDA**

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**Qualifications**

- MBBS : 2006 - 2011, Sri Ramachandra Medical College, Sri Ramachandra University
- MD (Int. Med.) : 2013 - 2016, Madras Medical College, India
- DM (Neurology): 2016 – 2019, Madras Medical College
- DrNB (Neurology): 2016 – 2019: National Board of Examinations
- Fellow of European Board of Neurology: 2021, European Board of Neurology
- FSM-ISDA: 2022

**Current Affiliations:**

- Consultant Neurologist, B. G. Institute of Neurosciences, Tiruchendur, Tuticorin, Tamil Nadu, India
- Clinical Fellow in Neurorehabilitation, Division of Rehabilitation Medicine, National University Hospital, Singapore

**Current Member Affiliations:**

- 1) Member : Indian Academy of Neurology
- 2) Member : European Academy of Neurology
- 3) Member : Indian Federation of NeuroRehabilitation ( & WFNR)
- 4) Member : American Academy of Neurology
- 5) Member : International Parkinson and Movement Disorder Society
- 6) Member : Tamil Nadu Association of Neurologists

**Registration Board Affiliations:**

- Tamil Nadu Medical Council
- Singapore Medical Council

**Areas of Interest:**

- Neurorehabilitation
- Stroke

## **Awards & Achievements:**

1. **President Gold Medal in Neurology** for securing All India first in DrNB Neurology, December 2019 session held by the National Board of Examinations.
2. **First recipient of THE LALGUDI Dr. SUMATHI NATARAJAN GOLD MEDAL** for securing University first in DM Neurology, The Tamil Nadu MGR Medical University, in the State of Tamil Nadu for 2019.
3. **“Award of Excellence for Best Patient Care and Academics”**, 2019, DM Neurology, Institute of Neurology, Madras Medical College.
4. **Prof. A. V. Srinivasan Gold Medal in Neurology**, 2018, DM Neurology, Madras Medical College, The Tamil Nadu Dr. MGR Medical University.
5. **Secured Third Rank** in the exam held for **Fellow of European Board of Neurology 2021** which was a combined exam for the year 2020 and 2021.
6. **Gold medal in Physiology**, 2007, MBBS Sri Ramachandra University
7. **Gold medal in Rheumatology**, 2016, Tamil Nadu Dr. M. G. R. Medical University, Chennai held for Internal medicine residents
8. **COVID WARRIOR 2020 award** for the best services rendered during COVID in & by the Madras Medical College, Rajiv Gandhi Government General Hospital in which about 45000 IP Covid patients had undergone treatment.
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10. **“Most innovative NGO in India Award”** for the Med HOPE Foundation by The CAN INDIA conclave, at the Tata Cancer Research Institute, Bombay, India
11. Represented the Indian Team (Team of 4) in the **Finals** of the **Tournament of the minds**, held at the World Congress of Neurology, Kyoto, 2017

## **Publications:**

- 1) Contributing author **Guhan Ramamurthy** in **Brazis PW, Masdeu JC, Biller J, Ranganathan LN, eds. Localization in Clinical Neurology**. South Asian ed. India: Wolters Kluwer Pvt Ltd; 2020; ISBN 9789389859737
- 2) Contributing author **Guhan Ramamurthy** in **Dejong’s The Neurologic Examination, South Asian Edition, 2019 Ed: William Campbell, Richard J Barohn, Lakshmi Narasimhan Ranganathan**: ISBN: 978-9389702132.
- 3) Contributing author **Guhan Ramamurthy** in **Biller J, Ranganathan LN, Sundaram M, eds. Practical Neurology. South Asian ed. India: LIPPINCOTT WILLIAMS & WILKINS ;2021: ISBN - 978-81-948645-4-7**
- 4) Ranganathan LN, Ramamurthy G, Kanthimathinathan S. Preventive Oral Treatment of Episodic Migraine: An Overview. *Neurology India*. 2021 Mar 1;69(7):51.

- 5) Lakshmi, Narasimhan, **Guhan R** et al. "Patterned Approach to Brain FDG PET Imaging in Dementia - Few Case Vignettes and Literature Review". BAOJ Neuro (2017): Volume 3; Issue 1; 030
- 6) Ranganathan LN, Shivaraman MA, **Ramamurthy G**, Shrivarthan R. The socially distanced social animal—in the new Covid-19 Era. Annals of Indian Academy of Neurology. 2020 Apr;23(Suppl 1):S1.
- 7) Ranganathan LN, Subramanian S, **Ramamurthy G**, Shivaraman MA. Early post-stroke seizures with first-ever stroke. Neurology India. 2018 Jul 1;66(4):949.
- 8) Venkateswaran KJ, Prabakaran U, Lakshmi Narasimhan R, Tamil Pavai N, Bharathi Vidhya Jayanthi, Veeraraghavan Gurusam, Thasneem Banu S, Sripriya CS and **Guhan R**. "Dual Fungal Etiology in Orbital Cellulitis". BAOJ Neurol 2017, 3: 3: 038
- 9) Ranganathan LN, **Guhan R**, Shivaraman MA, Sankar PL, Srinivasan AV, Suriyakumar G, Periakaruppan AL. Changing landscapes in the neuroimaging of dementia. Annals of Indian Academy of Neurology. 2018 Apr;21(2):98.
- 10) Ranganathan L.N, **Ramamurthy Guhan**, Shivaraman M.M, Jayakumar H, Prabakaran U, Srinivasan K.G, Suriyakumar G, Tripathi M, Saravanan K, Srinivasan AV. "Neuroimaging in Dementia" Reviews in Neurology 2017 – Cognition and Neurology, ED Bhattacharyya KB, Ranganathan L.N.,2017, WOLTERS KLUWER (INDIA) PVT LTD, 2017, pp. 70-91 . ISSN – 09715924 ISBN – 978-93-86691-21-7
- 11) Ranganathan L.N, Mariappan V, Saranya M, **Ramamurthy Guhan**, Kesavadas C, Vinayagamani S, K.G. Srinivasan, Amarnath C, Nagarajan K. "Neuroimaging in multiple sclerosis" Reviews in Neurology 2018 – Myelin, ED. Ranganathan L.N.,2018, WOLTERS KLUWER (INDIA) PVT LTD, 2018, pp. 58-72 . ISSN - 0971-5924. ISBN – 978-93-87963-96-2
- 12) Lakshmi Narasimhan Ranganathan, Tamil Pavai N, Arun Shivaraman M M, **Guhan Ramamurthy**. Zika virus in Neurology - Progress in clinical neurosciences 2016 Volume 31, Thieme Publishers. Thieme Publishers, 2017. pp. 255-266 ISBN: 978-93-86293-00-8.
- 13) Lakshmi Narasimhan Ranganathan, Tamil Pavai N, **Guhan R** et al. Vertigo: Clinical Approach and Management. In: Pritam Gupta, ed. Medicine Update, Volume 28. New Delhi: Evangel Exclusive; 2018. P – 404 – 14.
- 14) Lakshmi Narasimhan Ranganathan, **Guhan Ramamurthy** et al. Ocular Gateway to Neurology. In: K. K. Pareek, ed. Medicine Update, Volume 29. New Delhi: Jaypee Brothers Medical Publishers; 2019. P – 603 – 10.
- 15) Martin JX, Anji A, **Ramamurthy G**, Jayakumar V, Balakrishnan N, Shankar H. Role of Undergraduate Medical Students In The Field Of Pediatric Hemato-Oncology In A Developing Country. Pediatric Blood & Cancer. 2013 Jun 1;60:S91.
- 16) **Ramamurthy G**, Chandar CS, Ranganathan LN, Shivaraman MA, Nazarene A, Kumar SP. CORRELATION OF CAROTID ARTERIAL BRUIT WITH CAROTID VASCULAR DISEASE IN SYMPTOMATIC PATIENTS (P5. 283). Neurology. 2017 Apr 18;88(16 Supplement):P5-283.

- 17) Ranganathan LN, Nagarajan B, **Ramamurthy G**, Shivaraman MA, Lakshminarasimhan P, Elango K, Venkatraman C. CLINICAL AND NEUROIMAGING CORRELATIONS IN CEREBRAL VENOUS THROMBOSIS (P6. 258). Neurology. 2017 Apr 18;88(16 Supplement):P6-258.
- 18) Anatomical and Functional Correlates of Vertigo – Monograph on Vertigo and Syncope, Jaypee Publications. Lakshmi Narasimhan Ranganathan, Thami Pavai N, Arun Shivaraman M M, **Guhan R**. Jaypee Publications, 2017. pp 1-16. ISBN: 978-93-86261-30-4.
- 19) Ranganathan LN, Karthikeyan V, MM AS, **Guhan R**, Venkateswaran KJ, Pavai T, Mehndiratta M. Disseminated cysticercosis and role of spin echo short tau inversion recovery sequence imaging: Case based review. International Journal of Epilepsy. 2017 Jul 1;4(2):174-80.
- 20) Kumar SP, Ranganathan L, Samivel B, Natarajan T, **Ramamurthy G**, Nazarene A, Chandar CS, Moorthy M. Clinico-vascular Correlation In Carotid Stroke (P5. 222).
- 21) Ranganathan LN, Kumar SP, Natarajan T, Sathyanathan BP, Kanmani K, **Ramamurthy G**. Non Invasive Imaging of Vulnerable Plaques: An Institutional Experience (P5. 226).
- 22) **Ramamurthy G**, Ranganathan LN, Kanthimathinathan S, Govindarajan S, Maheswari EU, Marimuthu J, Bhoopathy RM. Cognitive Fatigue In Multiple Sclerosis: Correlation Between Objective and Subjective Measures (P4. 401).
- 23) Advances in Neuroimaging – IAN Textbook of Neurology, Jaypee Publications. Lakshmi Narasimhan Ranganathan, **Guhan R** et al, 2017.
- 24) R. Lakshmi Narasimhan, S. Meenakshi Sundaram, **Guhan Ramamurthy** et al. Imaging and Therapeutics. In Ed: Lakshmi Narasimhan Ranganathan, Sudhir Kothari, 2019. Vertigo Guidelines. Thieme publishers, ISBN: 978-93-88257-44-2.
- 25) Lakshmi Narasimhan Ranganathan, Namrata Jayaharan, Shrivarthan R, Karthika Ajit, Harish Jayakumar, **Guhan R**. Intracerebral Hemorrhage. In Ed: Lakshmi Narasimhan Ranganathan, 2019. Wolters Kluwer publishers. Reviews in Neurology (2019); ISBN: 978-93-89335-77-4
- 26) Balasubramanian Samivel, Lakshmi Narasimhan Ranganathan, Kaushik Mani Gowthaman and **Guhan Ramamurthy**. 2019. “Outcome of decompressive hemicraniectomy in massive middle cerebral artery infarction and its prognostic markers”, International Journal of Current Research, 11, (06), 4423-4428.
- 27) Lakshmi Narasimhan R, Venkateswaran KJ, Prabakaran U, **Ramamurthy G**, et al. (2019) Thorny Blood and Spiny Neurons: A Diagnostic Dilemma- Literature Revisited. BAOJ Neurol 4: 65.
- 28) Venkateswaran Kuttuva Jeyaram, Prof. Lakshmi Narasimhan Ranganathan, Prof. Chandramouleeswaran V., Prof. Balasubramanian S.Kannan V., Leninshankar P., Mariappan V., **Guhan R**. and Shrivarthan, 2018. “The clinical profile in male CVT patients admitted to the Institute of Neurology, Madras Medical College, India”, International Journal of Current Research, 11, (07), 5746-5749

- 29) **Ramamurthy G**, Gunasekaran PK, Ranganathan LN et al, Analysis of cerebral metastasis using fluorodeoxyglucose pet and source probation. MiPO19/275. Annals of Indian Academy of Neurology, Volume 21, Supplement 2, 2018, S155-6.
- 30) Ranganathan LN, Vangiliappan K, **Ramamurthy G** et al. A pictorial essay of corpus callosum. DO6/338. Annals of Indian Academy of Neurology, Volume 21, Supplement 2, 2018, S120.
- 31) Gunasekar PK, Ranganathan LN, **Ramamurthy G** et al. Pattern of intracranial metastasis and neurological paraneoplastic profile in carcinoma lung. MiO9/300. Annals of Indian Academy of Neurology, Volume 21, Supplement 2, 2018, S 132.
- 32) Alexander BK, Balasubramanian S, Shanmugasundaram N, **Guhan R**. A study of cognitive impairment in migraine patients and its relationship with anxiety, depression, and sleep quality. HPO6/203. Annals of Indian Academy of Neurology, Volume 21, Supplement 2, 2018, S143.
- 33) **Guhan Ramamurthy**, Kannan V, Ranganathan LN et al. Rasmussen encephalitis: Experience from a tertiary care centre. EP18/335. Annals of Indian Academy of Neurology, Volume 22, Supplement 1, 2019, S119.
- 34) Ranganathan LN, Jayakumar H, **Ramamurthy G**, Arulnambi TP, Govindarajulu S, Srinivasan AV. Z score-a novel FDG pet score to assess hypo/hypermabolism in Alzheimers disease. Journal of the Neurological Sciences. 2017 Oct 15;381:767.
- 35) Lakshmi Narasimhan Ranganathan, Nagaraj AR, Dhanya TS, Deepa Avadhani, Shrivarthan R, **Guhan Ramamurthy**. Wilson's Disease. In Lakshmi Narasimhan Ranganathan (Ed). Reviews in Neurology 2020. WOLTERS KLUWER (INDIA) PVT LTD, 2020 978-93-90612-88-8.
- 36) U Meenakshi Sundaram, UM Sreenivas, **Guhan Ramamurthy**, Lakshmi Narasimhan Ranganathan. Autoimmunity in Movement Disorders. In Lakshmi Narasimhan Ranganathan (Ed). Reviews in Neurology 2020. WOLTERS KLUWER (INDIA) PVT LTD, 2020 978-93-90612-88-8.
- 37) Avadhani D, Ranganathan LN, Ramamurthy G. A Study On Association Of Zika Virus And Other Viruses With Guillain Barre Syndrome.(4410).
- 38) Ramamurthy G, Ranganathan LN, Gunasekaran PK, Marimuthu J, Murukesan AS, Govindarajulu S, Govindarajan S. A Pattern Analysis of Cerebral Metastasis Using FDG PET Imaging (4150).
- 39) Lakshmi Narasimhan Ranganathan, Arun Shivaraman MM, Lenin Sankar P, UM Sreenivas, V Kannan, Guhan Ramamurthy, AV Srinivasan, Autoimmune Dementia. In. Ed: Lakshmi Narasimhan Ranganathan, Mugundhan K, Rajesh Shankar Iyer. Immune Mediated Neurological Disorders, ISBN: 978 93 5270 451 4, JAYPEE BROTHERS MEDICAL PUBLISHERS (P) LTD

Member of Indian Academy of Neurology & Neurorehab subsection of IAN

Since 2018

### **Contributions to the Subsections:**

- 1) I have actively participated in the subsection meetings related to the activities that can be performed by the subsection of IAN
- 2) I had contributed on the role of Artificial Intelligence in IANCON 2022 during the Neurorehabilitation symposium
- 3) As a convenor of the Neurorehab subsection of the Indian Academy of Neurology since November 2022, I had performed the following contributions to the Neurorehab subsection of Indian Academy of Neurology:

Initiatives have been undertaken to develop guidelines for the common Neurorehab issues. In this regard, we had represented the NR subsection of IAN in the training for the development of guidelines in RIMS Ranchi

We had actively taken part in the IFNRCON 2023. The Neurorehab subsection of IAN had organised the spasticity workshop and the symposium that was exclusively dedicated to the stroke rehabilitation.

We had organised public awareness program in Parkinson Disease on 11 April 2023 to discuss the various aspects of Parkinson disease rehabilitation and to educate the patients, caregivers and public. The zoom session was well attended and broadcasted in youtube.

We had organised public awareness program in Multiple Sclerosis on 30 May 2023 to discuss the various aspects of Multiple sclerosis rehabilitation and to educate the patients, caregivers and public. The zoom session was well attended and broadcasted in youtube.

We are organised a public awareness program on Motor Neuron Disease on Global MND Awareness Day on June 21, 2023 and on Yoga on Brain Health on International Day for Yoga on June 21, 2023.

### **Objectives to become the Convenor of the Neurorehab Subsection of Indian Academy of Neurology:**

Neurorehabilitation is fast advancing field and has moved on from the passive stretches and active movements, influenced by the technological advancements. The principles of rehabilitation and modalities of delivering rehabilitation has multiplied manifold warranting a dedicated training for the Neurologists. I believe that the approach to rehabilitation would be to increase the awareness among the medical fraternity of such medical advancements and the patients and public of the importance of well-coordinated multidisciplinary rehabilitation.

In this regard we shall aim to deliver educational activities that is needed through CME activities and conferences to stay updated and to help the needy patients. Further, as our responsibility we need to carry out public awareness programs to educate the masses. The main limitation of rehabilitation remains the continuity of care where the patient is unable to

continue with the required treatment. One of the major obstacle for it is the financial implications and the lack of insurance coverage. Hence I also propose to carry out advocacy efforts to include the rehabilitation under the governmental and private insurance.

**I hereby declare that the information furnished above are true to the best of my knowledge.**

**17.06.2023**

**Yours Sincerely,**



**Dr. Guhan Ramamurthy**