

Dr. GUHAN RAMAMURTHY

MD, DM, DrNB, FEBN, FSM-ISDA, FNR (Singapore)

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
- Fellowship in Sleep Medicine -ISDA: 2022
- Fellowship in Neurorehabilitation – National University Hospital, Singapore - 2023

Current Affiliations:

- Director, Senior Consultant Neurologist and Neurorehab Specialist, B. G. Institute of Neurosciences & Neurorehabilitation, Tiruchendur, Tuticorin, Tamil Nadu, India
- Chair, Epilepsy & Related Disability SIG, World Federation of Neurorehabilitation
- Emergency Task Force Member, World Rehabilitation Alliance, World Health Organisation
- Founding Member, Global Fellows Alliance, National University Hospital, Singapore
- Associate Editor, Journal of IFNR
- Assistant Editor, Indian Stroke Journal

Previous Affiliation:

Neurorehabilitation, Pain Intervention

Previous Affiliation:

- Assistant Professor, Institute of Neurology, Madras Medical College – 2019 - 2021

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

- 7) Member : Associations of Physicians of India
- 8) Member : Society of Neurosonology
- 9) Member : Indian Stroke Association

Registration Board Affiliations:

- Tamil Nadu Medical Council
- Singapore Medical Council

Areas of Interest:

- Neurorehabilitation
- Stroke
- Epilepsy

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.
9. **COVID WARRIOR 2021 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.
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, Thamil 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, Thamil 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, Thamil 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, Murugesan 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
- 40) Shivaraman, A. M. M., Khumar, N., James, N. E., Shrivardhan, R., Ramamurthy, G., & Ranganathan, L. N. (2024). *General Anatomy & Physiology of the Neurological System*. In N. Surya (Ed.), *IFNR Textbook of NeuroRehabilitation* (Chapter 2). Evangel Publishing Pvt. Ltd.

Books Edited:

1. Chowdhury D, Srivastava A, Ramamurthy G. *Advances in Stroke Rehabilitation*. 1st ed. New Delhi: Jaypee Brothers Medical Publishers; 2024

Member of Indian Academy of Neurology & Neurorehab subsection of IAN
Since 2018.

Contributions to the Subsections:

Leadership and Strategic Planning

As Convenor of the Neurorehabilitation Subsection, I have actively participated in all subsection meetings, contributing to the vision, planning, and execution of key academic and outreach activities. One of my early initiatives was to identify the need for national guidelines in neurorehabilitation, and I represented the subsection at the training program for guideline development held at RIMS, Ranchi.

Academic Contributions

I contributed to the scientific program of IANCON 2022 by delivering a session on “The Role of Artificial Intelligence in Neurorehabilitation”, highlighting future directions and clinical integration of technology. I have also contributed content and conceptual input for the upcoming IAN Textbook of Stroke Rehabilitation, an academic milestone aimed at equipping Indian neurologists and trainees with practical and research-oriented rehabilitation knowledge.

Conference Organization and Engagement

I played a role in IFNRCON 2023, where the IAN Neurorehab Subsection conducted a hands-on workshop on spasticity management and an exclusive symposium on stroke rehabilitation. As the Organizing Secretary of IFNRCON 2024, hosted at JIPMER, Pondicherry, I was instrumental in shaping and delivering the conference themed “Reshaping Neurorehab Through Technology.” The event included 10 pre-conference workshops and drew over 824

participants, supported by a distinguished faculty of 207 experts (including 14 international speakers). I continued to serve on the planning team for IFNRCON 2025, which was held in CMC Ludhiana, maintaining our focus on global alignment and academic excellence.

Public Awareness and Community Outreach

Recognizing the importance of patient education and public engagement, I have moderated and co-organized several widely attended awareness programs. Some of them include:

- Parkinson's Disease – Beyond Pharmacology (April 12, 2025), featuring a multidisciplinary panel and streamed live with participation from WFNR and IFNR.
- World Multiple Sclerosis Day (May 30, 2025), on "Rehabilitation Beyond Pharmacology," involving expert discussion across neurology, physiotherapy, occupational therapy, and psychology.
- Motor Neuron Disease & Yoga for Brain Health (June 21, 2023), conducted as two thematic sessions on the Global MND Awareness Day and International Yoga Day.
- Multiple Sclerosis Rehabilitation Awareness (May 30, 2023), focused on function-based strategies and caregiver engagement.

Each of these programs was conducted in collaboration with IAN, IFNR, and WFNR and achieved wide digital reach through Zoom and YouTube platforms.

Network-Building and Member Engagement

Throughout my term, I have prioritized building bridges between neurologists, physiatrists, therapists, and psychologists by fostering open communication, promoting memberships, and engaging younger professionals. The goal has been to make the Neurorehab Subsection more inclusive, dynamic, and collaborative.

Summary

My tenure as Convenor has been guided by a deep belief that neurorehabilitation must move from the periphery to the core of neurological practice. Through focused academic programs, global partnerships, public outreach, and evidence-informed practice, I have worked to make the Neurorehab Subsection a visible, credible, and action-oriented platform—both within India and globally. I remain committed to taking this vision further in the coming years.

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

As I seek to continue my role as Convenor of the Neurorehabilitation Subsection of the Indian Academy of Neurology, my objectives are anchored in three core principles: consolidation, innovation, and outreach. I aim to build on the existing momentum while addressing the evolving needs of neurologists, therapists, and patients in India.

1. To Develop Nationally Relevant Guidelines

Establish standardized, evidence-based neurorehabilitation protocols for stroke, Parkinson's disease, multiple sclerosis, traumatic brain injury, and neuropathies, adaptable to diverse resource settings across India.

2. To Foster Interdisciplinary Academic Excellence

Enhance academic collaborations between neurologists, physiatrists, therapists, psychologists, and technologists through structured symposia, workshops, and online modules. Special emphasis will be placed on technology-enhanced rehabilitation (AI, robotics, VR).

3. To Expand Public and Patient-Centered Initiatives

Launch community-driven awareness campaigns and digital education series on key conditions like stroke, Parkinson's, MS, and ALS—empowering patients and caregivers while strengthening advocacy.

4. To Strengthen the Subsection's National and Global Profile

Deepen collaborations with IFNR, WFNR, and other global partners to ensure that Indian perspectives influence international neurorehabilitation policy and practice. Promote exchange programs, fellowships, and multi-centric research.

5. To Promote Young Leadership and Member Engagement

Create mentorship and leadership development programs for young neurologists and therapists to take on active roles within the subsection. Encourage greater member participation through newsletters, discussion forums, and innovation challenges.

6. To Facilitate Research and Innovation in Low-Resource Settings

Encourage context-specific research in neurorehabilitation, particularly in underserved regions. Promote innovation in low-cost rehabilitation devices and scalable home-based rehab models.

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

16.06.2025

Yours Sincerely,



Dr. Guhan Ramamurthy