

CURRICULUM VITAE



PROF. V. G. RAMESH

**MBBS, MCh(Neurosurg), DNB(GenSurg), DNB(Neurosurg), FRCS(Glasg), FICS, FMMC, IFAANS
Professor of Neurosurgery and Head of the Department,
Department of Neurosurgery,
Chettinad Hospital and Research Institute,
Chettinad Health City,
Kelambakkam, Chennai – 603103, Tamilnadu.**

E-mail: drvgramesh@hotmail.com

Date of Birth: 20-01-1954

Residential Address : 12, (Plot No. 10), Kamala Nagar, OMR,
Sholinganallur,
Chennai – 600119.

Academic Qualifications:

- **M.B.B.S.** Coimbatore Medical College, Coimbatore. University of Madras – 1977
- **D.N.B. (General Surgery)** National Board of Examinations, Delhi-1984
- **M.Ch. (Neurosurgery)** Madras Medical College, Chennai, University of Madras -1986
- **D.N.B. (Neurosurgery)** National Board of Examinations, Delhi - 1988

Medical Registration: Reg. No. 31403, Tamilnadu Medical Council

ADVANCED TRAINING IN NEUROSURGERY

- Training in Microneurosurgery, 1988 Department of Neurosurgery,
All India Institute of Medical Sciences,
New Delhi, India.
- Training in Spinal Surgery, 1992 Department of Neurosurgery,
LTMG Hospital, Mumbai, India.
- Training in Microneurosurgery, 1993 Fugita Health University, Aichi,
Japan.

MEMBERSHIP OF PROFESSIONAL ASSOCIATIONS:

- Life Member, Indian Medical Association
- Life Member and Executive Committee Member(2013-14), Neurological Society of India.
- Life Member, Indian Society for Pediatric Neurosurgery.
- Fellow, International College of Surgeons.
- Member, Congress of Neurological Surgeons, USA.
- Fellow of Madras Medical College
- Fellow of Royal College of Surgeons (Glasgow)
- International Fellow, American Association of Neurological Surgeons

POSITIONS HELD:

- 2012 – Present Professor of Neurosurgery and Head of the Department,
Department of Neurosurgery,
Chettinad Hospital and Research Institute,
Chettinad Academy of Research & Education,
Kelambakkam, Chennai.
- 2007 – 2012 Professor of Neurosurgery, Institute of Neurology,
Madras Medical College and Government General Hospital,
Chennai.

- 2006 – 2007 Professor of Neurosurgery,
Chengalpattu Medical College,
Chengalpattu, Tamilnadu.
- 2004 – 2006 Professor of Neurosurgery,
Madurai Medical College, Madurai, Tamilnadu.
- 1999 – 2004 Professor of Neurosurgery, Institute of Neurology,
Madras Medical College and Government General Hospital,
Chennai.
- 1995 – 1999 Consultant Neurosurgeon,
King Khalid Hospital, Hail, Saudi Arabia.
- 1994 – 1995 Professor of Neurosurgery, Institute of Neurology,
Madras Medical College and Government General Hospital,
Chennai.
- 1990 – 1994 Associate Professor of Neurosurgery, Institute of Neurology,
Madras Medical College and Government General Hospital,
Chennai, India.
- 1987 – 1990 Assistant Professor of Neurosurgery,
Stanley Medical College, Chennai, India.

OTHER HONOURS:

1. Adviser, Neurosurgery Board of Education, Neurological Society of India.
2. Visiting Professor, Tamilnadu Dr MGR Medical University, Chennai.

PH.D. GUIDE:

1. **Tamilnadu Dr. MGR Medical University, Chennai.**
Has guided 2 Ph.D. Scholars so far:
 - 1) Dr. Simon Hercules, Research Topic: “Prediction of lumbar spinal instability in patients undergoing disc surgery”.
 - 2) Dr. Pari Kodaiarasan, Research Topic: “Autoclaved autologous bone flap in cranial defects – Long term clinical and radiological outcome”

2. Chettinad Academy of Research and Education, Chennai.

Has guided Dr. Devaprasad Markandeyan, Research Topic: “Evaluation of clinical, immunological, electrophysiological factors in prognosis of autoimmune neurological diseases”

UNIVERSITY BOARD MEMBERSHIP:

Member, Board of Studies, Tamilnadu Dr. MGR Medical University, Chennai. (2010-13)

Member, Board of Studies, Chettinad Academy of Research and Education Chennai.

Member, Academic Council, Chettinad Academy of Research and Education, Chennai.

Member, Planning and Monitoring Board, Chettinad Academy of Research and Education, Chennai.

Member, Board of Research Studies, Chettinad Academy of Research and Education, Chennai.

Member, Research Advisory Committee, Chettinad Academy of Research and Education, Chennai.

Member, Internal Review Board, Chettinad Academy of Research and Education, Chennai.

Member, Postgraduate Committee, Chettinad Academy of Research and Education, Chennai.

EXAMINERSHIP IN NEUROSURGERY:

Examiner, M.Ch. (Neurosurgery):

1. Tamil Nadu Dr MGR Medical University, Chennai;
2. Nizam’s Institute of Medical Sciences, Hyderabad;
3. University of Calicut, Calicut;
4. Sri Chitra Tirunal Institute of Medical Sciences and Technology, Thiruvananthapuram;
5. National Institute of Mental Health and Neurosciences, Bangalore.
6. Sri Ramachandra University, Chennai.
7. Amrita Institute of Medical Sciences, Cochin.
8. JIPMER, Pondicherry
9. Maharashtra University of Health Sciences, Mumbai
10. Sri Balaji Vidyapeeth, Pondicherry
11. Kathmandu University, Nepal

Examiner, D.N.B. (Neurosurgery), National Board of Examinations, India.

Examiner, JSCFE (Neurosurgery), Royal Colleges of Surgeons, UK

REFEREE/REVIEWER FOR JOURNALS:

Neurology India
Asian Journal of Neurosurgery
Journal of Neurology Neurosurgery and Psychiatry
Journal of Pediatric Neurosciences
Indian Journal of Medical Research
Clinical Anatomy
Journal of Neurosciences in Rural Practice
Surgical Neurology International
Journal of Neurological Sciences
World Neurosurgery
Pediatric Neurosurgery

EDITORIAL BOARD MEMBER OF JOURNALS:

Neurology India
Journal of Pediatric Neurosciences
Chettinad Health City Medical Journal

PUBLICATIONS IN INDEXED JOURNALS:

CITATION INDICES

Publications	62
Citations	320
h-index	11
i10-index	12

1. En plaque intradural extramedullary spinal tuberculoma and concurrent intracranial tuberculomas: Paradoxical response to antituberculous therapy, Muthukumar N, Sureshkumar V, **Ramesh VG**. *Journal of Neurosurgery: Spine*, 2007 Feb;6(2):169-73. **Impact Factor: 1.98. Citations: 19.**
2. Extradural hematoma at the vertex, **Ramesh VG**, Sivakumar S. *Surgical Neurology*, 1995;43(2):138-9. **Impact Factor: 1.67. Citations: 17**
3. A new scale for prognostication in head injury, **Ramesh VG**, Thirumaran KP, Raja MC. *Journal of Clinical Neuroscience*, 2008;15(10):1110-3. **Impact Factor: 1.25. Citations: 11**

4. A case of coup and contrecoup extradural hematoma. Balasubramaniam V, **Ramesh VG. *Surgical Neurology***, 1991;36 (6), 462-464.
Impact Factor: 1.67. Citations: 11
5. Concomitant Tuberculous and Pyogenic Cerebellar abscess, **Ramesh VG**, Sundar KS.***Neurology India*** 2008 Jan-Mar;56(1):91-2.**Impact Factor: 1.04. Citations: 9**
6. Vertex extradural hematoma in association with Paget's disease of the skull.
Ramesh VG, Deiveegan K, Soundappan V. ***Neurology India***. 2005; Mar;53(1):115-6. **Impact Factor: 1.04. Citations: 9**
7. An anatomical study of the neurovascular relationships at the trigeminal root entry zone, **Ramesh VG**, Premkumar G. ***Journal of Clinical Neuroscience***, 2009;16(7):934-6. **Impact Factor: 1.25. Citations: 5**
8. Holoventricular glioma in a child, Hercules SA, **Ramesh VG**, Paramasivan S, Kodiarasan P, Kumar MS. ***Journal of Neurosurgery: Pediatrics***, 2007 Feb;106(2 Suppl):134-5. **Impact Factor: 3.15. Citations: 4**
9. Whither neurosurgical teaching? ***Neurology India***, . 2006 Sep; 54(3):317-8.
Impact Factor: 1.04. Citations: 3
10. Desmoplastic infantile ganglioglioma -- a case report. Balasubramaniam D, **Ramesh VG**, Deiveegan K, Ghosh M, Mallikarjuna VS, Annapoorneswari TP, Chidambaranathan N, Ramani KV. ***Neurology India***. 2004 Sep; 52(3):384-6.
Impact Factor: 1.04. Citations: 3
11. Giant parenchymal cysticercosis with unusual imaging features. **Ramesh VG**, Parthiban A. ***Journal of Clinical Neuroscience***, 2008 Dec;15(12):1404-6.
Impact Factor: 1.25. Citations: 2
12. Neurosurgical training in India at the crossroads? ***Neurology India***, 2004 Jun;52(2):271-2. **Impact Factor: 1.04. Citations: 1**
13. Outcome prediction in traumatic brain injury, ***Journal of Neurosurgery***, 2013 Nov;119(5):1351. **Impact Factor: 3.15.**

14. Holocord abscess in association with congenital dermal sinus. **Ramesh VG**, Karthikeyan KV, Kitchanan S, Sriraman B. *Journal of Pediatric Neurosciences* 2013;8:198-200. **Impact Factor: 0.304**

15. Pituitary ependymoma: Report of a rare case with an insight into the histogenesis, **Ramesh VG**, Karthikeyan KV, Rajaraman S, Rao R. *Neurology India*, 2013 Sep-Oct;61(5):545-6. **Impact Factor: 1.04.**

16. Obsessive-compulsive disorder and cingulotomy, **Ramesh VG**, *Journal of Neurosurgery*, 2013 Aug;119(2):526. **Impact Factor: 3.15.**

17. Cervical extradural and extraspinal ependymoma mimicking dumb-bell schwannoma: An unusual tumor, **Ramesh VG**, Karthikeyan KV, Rao KR, Balasubramanian C. *Neurology India*, 2013 May-Jun;61(3):303-5.

18. Tuberculous abscess: The correct perspective, **Ramesh VG**, *Journal of Pediatric Neurosciences*, 2013 Jan;8(1):85.

19. Aggressive behavior, **Ramesh VG**, *Journal of Neurosurgery*, 2014, 120:1, 287-288. **Impact Factor: 3.15.**

20. Vertex extradural hematoma, *Neurology India*, **Ramesh VG**, 2012 May-Jun;60(3):369. **Impact Factor: 1.04.**

21. Extraskeletal intracranial mesenchymal chondrosarcoma, **Ramesh VG**, Ravisankar S, Chander RV, Saminathan P. *Neurology India*. 2011 Nov-Dec;59(6):929-31. **Impact Factor: 1.04.**

22. Neurosurgical training in India,(Re: Neurosurgical training in Europe, problems and possible solutions) **Ramesh VG**, *Surgical Neurology*, 2007 Nov; 68(5):579. **Impact Factor: 1.67.**
23. Letter to the Editor: Assessment of intracranial dynamics in hydrocephalus. **Ramesh VG**, *Journal of Neurosurgery* 2014, 120 (5): 1246. **Impact Factor: 3.15.**
24. Pathogenesis of trigeminal neuralgia. **Ramesh VG**, *Neural Regen Res* 2014;9:877. **Impact Factor: 0.216**
25. Cerebrospinal fluid dynamics study in communicating hydrocephalus. Ramesh VG, Narasimhan V, Balasubramanian C. *Asian J Neurosurg* 2017;12:153-8
Impact Factor: 0.524
26. Vertex epidural hematoma: An analysis of a large series. Ramesh VG, Kodeeswaran M, Deiveegan K, Sundar V, Sriram K. *Asian J Neurosurg* 2017;12:167-71. **Impact Factor: 0.524**
27. Prognostication in cervical spondylotic myelopathy: Proposal for a new simple practical scoring system.**Ramesh VG**, Kannan MG, Sriram K, Balasubramanian C. *Asian J Neurosurg.* 2017 ;12(3):525-528. **Impact Factor: 0.524**
28. Percutaneous retrogasserian glycerol rhizotomy for trigeminal neuralgia: A simple, safe, cost-effective procedureKodeeswaran M, **Ramesh VG**, Saravanan N, Udes R. *Neurol India* 2015;63:889-94. **Impact Factor: 1.232**
29. The Madras Institute of Neurology, Madras Medical College, Chennai. **Ramesh VG**, Bhanu K, Jothi R. *Neurol India.* 2015;63:940-6. **Impact Factor: 1.232**
30. Neurosurgical teaching in the present context. **Ramesh VG.** *Neurol India* 2015;63:1003-4. **Impact Factor: 1.232**
31. Bedside computed tomography in traumatic brain injury - Editorial. **Ramesh VG.** *Neurol India* 2016;64:12-3. **Impact Factor: 1.232**

32. Diagnosis and prediction of surgical outcome in normal pressure hydrocephalus. **Ramesh VG. *Journal of Neurosurgery*, 2016 ; 125(3) :783-4**
Impact Factor: 3.15.
33. Bruno-Mascarenhas MA, **Ramesh VG**, Venkatraman S, Mahendran JV, Sundaram S. Microsurgical anatomy of the superior sagittal sinus and draining veins. *Neurol India* 2017;65:794-800. **Impact Factor: 2.166**
34. Intracranial inflammatory pseudotumor presenting as *en plaque* mass. Gautam S, Ramesh VG, Karthikeyan KV, Krishnakumar M. *Neurol India* 2017;65:1169-70. **Impact Factor: 2.166**
35. Jayendrapalan J, Ramesh VG, Karthikeyan KV, Devi S. Primary lymphoma of the radial nerve presenting as nerve sheath tumor. *Neurol India* 2018;66:258-60. **Impact Factor: 2.166**
36. Ramesh VG. Prognostication in traumatic brain injury. *J Neurosurg* 2019;130:334-5. **Impact Factor: 4.318**
- 37.** Ramesh VG, Karthikeyan KV, Chitala M, Balasubramanian C. Thalamic abscess caused by a rare pathogen - streptococcus sanguinis - A report and a review on thalamic abscess. *Neurol India* 2019;67:875-9. **Impact Factor: 2.708**
- 38.** Ramesh VG. Postgraduate Training in Neurosurgery in India: The Problems and the Possible Remedies. *Neurol India* 2021;69:505-6. **Impact Factor: 2.708**
- 39.** Moorthy PE, Subbarayan D, Raghavan V, Kanna RN, Ramesh VG, Karthikeyan KV. Pineal Anaplastic Ependymoma - A Rare Entity. *Neurol India* 2021;69:1045-7. **Impact Factor: 2.708**
- 40.** Ramesh VG. Vestibular Schwannomas: PGINs Monograph Series. *Neurol India* 2021;69:784-5

OTHER PUBLICATIONS

Dissertation:

Staging of intracranial tumors, submitted for *M.Ch. (Neurosurgery) Degree, University of Madras*, 1986.

Original articles:

1. Cerebrospinal fluid dynamics study in clinical practice: an evaluation of the bolus lumbar injection method, **Ramesh VG**, Vijay S, Pari K, Mohan Sampathkumar M. *Pan Arab Journal of Neurosurgery*, 2005;9(2):33-6.

2. Prediction of intra-operative tumor consistency and histopathological subtype with preoperative MR imaging in intracranial meningiomas – A prospective analysis. Karthikeyan KV, Krishnakumar M, **Ramesh VG**, Siddarth Gautam, Jayendrapalan. *Chettinad Health City Medical Journal*. 2017; 6(1): 13-19.

Review articles:

1. Measurement of CSF outflow resistance, **Ramesh VG**. *Institute of Neurology Madras Proceedings*, May, 2008.
2. Cerebrospinal Fluid Dynamics Study: Applications in Clinical Practice, **Ramesh VG**. *Chettinad Health City Medical Journal*, 2013;2(2):40-3.
3. [Management of Severe Traumatic Brain Injury in Adults](#). Gopalakrishnan Raman, **VG Ramesh**, T Mohanarangam, K ArunThevaraja, KV Karthikeyan. *Chettinad Health City Medical Journal*, 2013;2(4):123-32.
4. [Management of Aneurysmal Subarachnoid Hemorrhage: A Brief Outline of the Present Guidelines](#). **VG Ramesh**, *Chettinad Health City Medical Journal*, 2014;3(2):44-5.
5. S.Kalyanaraman, The Great Neurosurgeon and spine surgery. **VG Ramesh** *The Journal of Spinal Surgery*, 2017;4(2):93-94

Case Reports:

1. Simultaneous otogenic cerebral and cerebellar abscesses, **Ramesh VG**, Logamuthukrishnan K. *Institute of Neurology Madras Proceedings*, January, 1983.
2. Medulloblastoma presenting as one and a half syndrome, **Ramesh VG** , Dhanaraj M, Kalyanaraman S. *Neurology India*, May, 1989
3. Giant Extradural Meningioma of the anterior cranial fossa base, **Pan Arab Journal of Neurosurgery**, 2007 October; 11(2)
4. Multiple intraspinal meningiomas, **Ramesh VG**, Santhankrishnan AG. *Institute of Neurology Madras Proceedings*, May, 2008
5. [Solitary Giant Neurocysticercosis in a Child with Combined Immunodeficiency](#). Karthikeyan KV, **Ramesh VG**. *Chettinad Health City Medical Journal*, 2013;2(1):9-10.
6. Dumb-bell skull base meningioma. Karthikeyan KV, **Ramesh VG**. *Chettinad Health City Medical Journal*, 2013;2(2):60-2.

Chapters in books:

1. A patient with Torticollis. In: **Practical Neurosurgery: Analysis of Clinical cases**. Ed. Behari, Deopujari, Muthukumar, Rajshekhar. Thieme.2017.Chapter 23.251-6. ISBN: 9789385062780.

2. A child with multiple cutaneous stigmata and neurological deficit. In: **Practical Neurosurgery: Analysis of Clinical cases**. Ed. Behari, Deopujari, Muthukumar, Rajshekhar. Thieme. 2017. Chapter 28. 291-4. ISBN: 9789385062780.

3. Neurosurgical causes of cognitive dysfunction. In: **Reviews in Neurology**. Ed. Bhattacharya, Lakshminarasimhan. Wolters Kluwer. 2017. 157-65. ISBN: 9789386691217.

4. Cerebrospinal fluid dynamics. In: **Comprehensive Neurosurgery**. Ed: Thamburaj, Behari, Chemate. Bohr. 2021. Vol 1. 55-66. ISBN: 9788195285235

5. Cranial Neuropathies. In: **Comprehensive Neurosurgery**. Ed: Thamburaj, Behari, Chemate. Bohr. 2021. Vol 2. 1-17 ISBN: 9788195285235

6. Incidental Meningiomas. In **Meningiomas: PGINs Monograph Series**. Ed. Vasudevan, Thamburaj, Nair, Behri, Pande. Bohr 2022. 231-36. ISBN: 9789392892073.

CONFERENCES ATTENDED/PAPERS PRESENTED:

Has attended several National and International Neurosurgical Conferences, has presented several papers and has chaired sessions in several conferences.

AWARDS/HONOURS:

1. Medals in Surgery, Microbiology and Forensic Medicine during MBBS course
2. Best Doctor Award, King Khalid Hospital, Hail, Saudi Arabia, 1997-1998.
3. Dr. Jawahar Memorial Oration, Madurai Medical College, Madurai, 2006.
4. Dr. Rajagopal Memorial Oration, Thanjavur Medical College, Thanjavur, 2008.
5. Prof. V. Balasubramaniam Oration. Madras Medical College, Chennai, 2016.
6. Prof. S. Kalyanaraman Oration. Madras Medical College, Chennai, 2019.
- 7.

CONFERENCES ORGANIZATION:

1. Member, Organising Committee, Neurological Society of India Conference, Chennai, 2000.
2. Member, Organising Committee, Neurological Society of India Conference, Madurai, 2006.
3. Member, Organising Committee, Indian Society of Neuro-Oncology Conference, Chennai, 2010.
4. Chairman, Organising Committee, Neurotrauma Society of India Conference, Chennai, 2010.
5. Member, Organising Committee, Spine 2012 Conference, Chennai.
6. Chairman, Organising Committee, Neurological Society of India Conference, Chennai, 2016.

CONTRIBUTIONS TO NEUROSURGERY:

1. **CSF Dynamics:** Has devised a simple bedside method of CSF outflow resistance measurement (The MIN modified Method of Marmarou's bolus lumbar injection), very useful in various clinical conditions.
2. **Prediction of outcome in Head Injury:** Has devised a simple bedside prognostic scale for head injury, the **Madras Head Injury Prognostic Scale (MHIPS)**, which is recognized internationally and has found a place in the **Medical Algorithms (Medal.org Release 28.0, September, 2011)**
3. **Prediction of outcome in cervical spondylotic myelopathy:** Has devised a simple prognostic scale for cervical spondylotic myelopathy, namely, the Madras Institute of Neurology Prognostic Scale (MINPS).
4. **Trigeminal Neuralgia:**
 - Has special interest in the trigeminal neuralgia and is presently working on the pathogenesis of trigeminal neuralgia.
 - Has special interest and expertise in percutaneous procedures for trigeminal neuralgia and has done over 300 percutaneous glycerol rhizotomy for trigeminal neuralgia.
5. **Prevention of shunt infection:** Has devised a protocol for prevention of shunt infections (modified Choux' protocol).
6. **Neurosurgical education and training:**
 - Has special interest in Neurosurgical education and training.
 - Has been actively involved in the training of over 50 neurosurgical residents so far, with clinical teaching, surgical training and guiding in thesis/dissertations.

- Has guided 2 Ph.D. research scholars so far.
 - Has revised the syllabus for M.Ch. (Neurosurgery) in the Tamilnadu Dr. MGR Medical University.
 - Has formulated the syllabus for M.Ch. (Neurosurgery) at Chettinad University.
 - Has formulated a plan for uniform neurosurgical training curriculum throughout India, which has been approved by the Neurological Society of India and submitted to the Medical Council of India.
- 7. Sub-speciality interests:** Has special interest and expertise in Paediatric Neurosurgery, Neuro-oncology, Neurotrauma, CSF dynamics, Trigeminal neuralgia, Neurosurgical education.