

## **Curriculum vitae**



### **BOBY VARKEY MARAMATTOM**

**Qualifications;** MD (Internal Med), DM (Neurology), Fellowship in Critical care Neurology (Mayo Clinic, USA), FRCP (Lon), FRCP (Edin), European diploma in Stroke Intervention (EDSI)

#### **Address**

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#### **Personal Information**

Date of birth : 06 April 1972

Citizenship; Indian

Gender; Male

#### **Education**

1. MBBS; St Johns Medical College Bangalore, 1989- 1995
2. MD( Internal medicine); KMC Mangalore, 1995- 1998
3. DM(Neurology) from Sree Chitra Tirunal Institute of medical sciences (SCTIMST); 1998-2001
4. Fellowship in Critical Care Neurology (Mayo Clinic, Rochester, USA). 2003-2004
5. Fellowship in Interventional Pain Medicine (Aesculap Academy), Kolkata, India. 2 Weeks.
6. Fellow of the Royal College of Physicians, London, August 2017
7. Fellow of the Royal College of Physicians, Edinburgh, September 2017

### **Areas of Expertise**

Neurology

Critical care Neurology

Interventional neurology with special regard to Ischemic stroke, Subarachnoid hemorrhage. Intra-arterial thrombolysis, Carotid stenting, intracranial stenting.

Interventional Pain management

Encephalitis

Neuroinfections

### **Memberships of Societies**

Indian Medical Association

Indian Academy of Neurology

Cochin Neurological Society

Kerala Association of Neurology

American Headache society

Neurocritical care society of North America

World stroke association

American Academy of Neurology

Movement Disorder Society [MDS]

Round table India

Fellow of the Royal College of Physicians, London, August 2017

Fellow of the Royal College of Physicians, Edinburgh, September 2017

Convener, Neurocritical care subsection, Indian Academy of Neurology 2018-2021- Ongoing

## **Work experience**

1. Lead consultant Neurologist at Aster Medcity from March 2014 to the present.
2. Head of Department of Neurology and Interventional Neurology, Lourdes Hospital, Ernakulam, Kochi. October 2004 till February 2014
3. Consultant Neurologist for 2 years at Indo-American Hospital Brain and spine center, Vaikom, Kerala. Jan 2001-Aug 2003
4. Medical Superintendent Indo-American Hospital, Vaikom, Kerala
5. MRCP PACES India Examiner [Examiner for PACES exam [MRCP] of the royal college of physician since 2018 February [Examiner number 9755]
6. Steering Committee member CMT programme Aster Medcity [Royal College, London]
7. Founding and current editor of Aster ePulse- a monthly newsletter of Aster Medcity from August 2020.
8. Associate Director- Clinical Research Centre, Aster Medcity.
9. Adjunct Faculty of Neurology, DMWIMS Medical college, Wayanad- Since August 2021.
10. Founding and current editor of Brainstorm- a quarterly newsletter of the Neurocritical care subsection of the Indian academy of Neurology from January 2022.

## **Publications- 175 upto 23/04/2025**

Citations; 2953

H index; 21

i10 index; 38

## **Pubmed search terms**

Maramattom BV [au] OR Varkey BM [au] OR Varkey Maramattom B [au]

Orcid ID; <https://orcid.org/0000-0001-7032-4412>

167. [Satoyoshi syndrome: comments.](#) Varkey BM. Neurol India. 2004 Jun;52(2):271; author reply 271. PMID: 15269496 No abstract available.
168. [Focal early onset of delayed radiation encephalopathy with brainstem signs.](#) Varkey BM, Varkey L. Neurol India. 2003 Sep;51(3):425. PMID: 14652466 No abstract available.
169. [Topiramate induced somnambulism and automatic behaviour.](#) Varkey BM, Varkey LM. Indian J Med Sci. 2003 Nov;57(11):508-10. PMID: 14646161 No abstract available.
170. Varkey B, Varkey L. Muscle hypertrophy in myotonia congenita. J Neurol Neurosurg Psychiatry. 2003 Mar;74(3):338.
171. Freeman WD, Maramattom B, Czervionke L, Manno EM. Pituitary apoplexy. Neurocrit Care. 2005;3(2):174-6. doi: 10.1385/NCC:3:2:174. PMID: 16174890
172. Varkey Maramattom B, Rathish B. Case Report: Ascending Myelo-Encephalitis after a Penetrating Injury to the Foot: An Atypical Case of Neuromelioidosis. Am J Trop Med Hyg. 2021 Jan 11;104(4):1260-1264.
173. MARAMATTOM BV, Philips G, Santhamma SGN. 18F-FDG PET/CT findings in post COVID Multisystem inflammatory syndrome in adults (MIS-A). Research Square; 2021. DOI: 10.21203/rs.3.rs-753812/v1.
174. MARAMATTOM, Bobby Varkey. Severe Neurological Manifestations of Multisystem Inflammatory Syndrome in Adults (MIS-A). Medical Research Archives, [S.l.], v. 10, n. 7, july 2022. ISSN 2375-1924.
175. van de Munckhof A, van Kammen MS, Tatlisumak T et al and the DOAC-CVT investigators. Direct oral anticoagulants versus vitamin K antagonists for cerebral venous thrombosis (DOAC-CVT): an international, prospective, observational cohort study. Lancet Neurol. 2025;24(3):199-207.



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### **ANNALS OF NEUROLOGY**

Guillain-Barre Syndrome following ChAdOx1-S/nCoV-19 Vaccine

\*Among work published in an issue between 1 January 2021 – 31 December 2021.

## **Textbook Contributions**

1. Neurology of Pulmonology and acid-base balance. **Neurology and Clinical Neuroscience, 2007 - Elsevier**
2. Encephalitis: Diagnosis and Treatment (Neurological Disease and Therapy) John Halperin (Editor)
3. Progress in clinical Neurosciences Vol 28, 2013; VP Singh, Muralidharan Nair (Ed) Thieme Publishers.  
Critical care management of Encephalitis in the Indian Scenario
4. Emergencies in Neurology ; Mamta Bhushan Singh, Rohit Bhatia [Ed]
5. Autonomic disorders in the ICU; NSI Jaipur 2018
6. Autoimmune encephalitis; NSI Kerala, February 2019
7. Inflammatory and infective complications of COVID-19. CME, IAN 2021, Bangalore

8. ICU neurology, IAN textbook of Neurology, 2022.

### **Presentations**

- 1) Clinical significance of cardiac troponins and ECG changes in supratentorial ICH- Neurocritical care meeting San Diego Feb, 2004.
- 2) Ictal bradycardia after endovascular aneurysm treatment- Neurocritical care meeting San Diego Feb, 2004.
- 3) Which patient fares worse after massive ischemic hemispheric swelling? American Academy of Neurology, April 2004, San Francisco.
- 4) Sirolimus; Lack of neurotoxicity in kidney and liver transplant patients- American neurological association meeting, Toronto, 2004.
- 5) Ischemic stroke patterns in Kerala; ISA, China 2006.
- 6) Facio-brachial dystonic seizures associated with Lg1 Antibodies; Asia-oceania epilepsy conference, Singapore 2014
- 7) Central Skull base osteomyelitis; a series, Dr Ananth Ram, Maramattom BV, KAN mid term meet January 2019
- 8) An unusual solution for a recurrent stroke; Maramattom BV, Abid S, APICON , February 2019
- 9) Best Presentation award at Cochin Clinical society meeting, Aster Medcity, Kochi, May 2019.
- 10) Bubble, bubble, boil and trouble; Cerebral air embolism after pneumatic retinopexy following air travel; KAN monsoon summit, Kochi 2019
- 11) Patient Zero; Containment at source; Nipah; KAN monsoon summit, Kochi 2019
- 12) Hot body in a cold room; KAN monsoon summit, Kochi 2019
- 13] Nipah; Containment at Source; NeuroInfection course, CMC Vellore, July 2014.
- 14]. Whole body MRI muscle STIR imaging in Dermatomyositis; World congress of Neurology, Dubai, 2019. JNIS.
- 15] Central Skull base Osteomyelitis; a new algorithm; World congress of Neurology, Dubai, 2019
- 16]. Multiplex PCR in CNS infections; A large cohort of 6000 patients from South India; World congress of Neurology, Dubai, 2019, Journal of the Neurological Sciences 405S (2019) 103896 Free papers 03 - CNS infections  
Detection of meningo-encephalitis trends using the syndrome evaluation system - A Pan-India multiplex PCR study

- [17] Neurocritical care society 2020 Annual conference. Virtual meeting. Talk on Global health section on 'Stopping a pandemic at Patient Zero'.
- [18] Inflammatory and infective complications of COVID-19. CME, IAN 2021. Hybrid conference. Bangalore
- [19] Movement disorder society 2022. A novel compound heterozygous PANK2 gene mutation in a South- Asian sexagenarian with atypical PKAN. Pillai K, Maramattom BV , Grover S , Kishore A

### **Faculty at**

- Kerala Association of Neurology (KAN) mid term meet 2009, Kumarakom; Neurocritical care Advances
- Stroke update, October 2010, (Indian Stroke Association) SCTIMST, Trivandrum.
- KAN mid term meet 2010, November, Kollam (Theme; Neuroinfection)
- Controversies in Neurology, 2011, Bangalore.; Autoimmune encephalitis
- Heart & Stroke Conference 2013, AIIMS, New Delhi; Critical care management of ischemic stroke.
- Neurological society of India, 2013, Mumbai; Critical care management of encephalitis in the Indian scenario.
- ISACON 2013, Thiruvananthapuram; Stroke in the cath lab.
- Academic convener; Neurocritical care workshop, Monsoon Summit, KAN, July 2019, Kochi.
- Speaker/ Faculty at Neurocritical care conference, USA. 2020
- IANCON- 2021 January 25,26. IAN neurocritical care subsection conference.
- Academic convener; Neurocritical care workshop, Monsoon Summit, KAN, July 2021, Kochi
- Faculty at IAN (Indian academy of Neurology) conference, Bengaluru, November 2021.
- Periyar Neurocon, Neurosurgical society of India, November 2021, Nedumbassery.
- Faculty at KAN mid term meet 2022, June 4,5, 2022, Thiruvanthapuram.
- Faculty at NSI Kerala Chapter, Kairaly Neurosciences, May 6, 2022.

- Faculty at AOCN IAN 2022- Neurocritical care subsection.
- Faculty at SNIF 12, November 2022 , 11<sup>th</sup> KINCON, Calicut.
- Faculty at Asian summer Stroke School 2022, December @. Thiruvananthapuram
- Faculty @ Malabar Neurocon , Jan 28,29,2003. Wayanad
- Convener @ KAN Monsoon summit, July 2025, Kochi

### **Conferences conducted**

3<sup>rd</sup> Kerala interventional neurology conference 2007 at Lourdes Hospital  
 Genetics in Neurology; January 2, 2016 at Aster Medcity  
 Emergency Neurological Life support [ENLS] course , April 13, 2019 at Aster Medcity  
 Convener; Critical Care Workshop at Monsoon Summit, Kochi 2019.  
 Academic Co-convenor at Monsoon Summit, conducted by the Kerala association of Neurologists, Virtual conference, July 2021

### **Ad hoc reviewer for the following journals**

Annals of neurology  
 Stroke journal  
 Neurology  
 Journal of Neurology, Neurosurgery & Psychiatry  
 Critical Care Medicine  
 Neurocritical care Journal  
 Mc Master University MORE journal Rating Reviewer  
 Journal of the Royal College of Physicians, Edinburgh  
**Annals of Indian Academy of Neurology.**  
**BMC Neurology**

### **Neurointerventional Procedures performed since 2007-2022 December**



<b>Procedure</b>	<b>Lourdes</b>	<b>Aster</b>	<b>Apollo</b>	<b>Total upto Nov 2022</b>
DSA	489	176	30	665
Mechanical thrombectomy	25	72	12	97
Carotid stenting	72	56	2	127
Intracranial stenting	37	11	1	48
Aneurysm coiling	17	1	3	18
AVM embolization	3			
Vertebral stenting	3	4		7
Vertebroplasty	5			
Intracranial balloon angioplasty	8		1	
Intra-arterial thrombolysis	20			
IVUS		7		
MMA embolisation		3	1	



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# LOURDES HOSPITAL

Post Graduate Institute of Medical Science & Research  
A Unit of Lourdes Society for Health Care and Research



LH/HRD/1004/2021 - 01

10<sup>th</sup> November 2021

**TO WHOMSOEVER IT MAY CONCERN**

Certified that Dr. Bobby Varkey Maramattom has worked as Senior Consultant in the Department of Neurology in our hospital from 1<sup>st</sup> November 2004 to 12<sup>th</sup> February 2014.

The procedures he had done in the period March 2007 to July 2013 is as furnished below.

SN	Name of the procedure	No	SN	Name of the procedure	No
1.	4 vessel angiogram	413	13.	Intrarticular injection	20
2.	Intra cranial stenting	31	14.	Intraforaminal injection	1
3.	Carotid stenting	50	15.	Suprascapular injection	1
4.	Aneurysm coiling	16	16.	Cervical epidural injection	1
5.	AVM Embolisation	4	17.	Caudal epidural injection	2
6.	Basilar stenting	2	18.	Botox	1
7.	Vertebral stenting	5	19.	Bupivacaine injection	13
8.	Vertebro plasty	4	20.	Intra arterial injection	5
9.	Peripheral stenting	1	21.	IAT	23
10.	Renal angiogram	1	22.	MCA stenting	3
11.	Intracranial balloon angioplasty	9	23.	Mechanical thrombolysis	5
12.	Transforaminal injection	4			

**Fr. Shaiju Augustine Thoppil**  
**DIRECTOR**



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## References

1. Dr Eelco Wijdicks, Professor of Neurology, Division of Neurocritical care, Mayo Clinic, Rochester, Minnesota, USA. Email; [wijde@mayo.edu](mailto:wijde@mayo.edu) .
2. Dr. K. Radhakrishnan. Director, Epilepsy Unit, Avitis Hospital, Nenmara, Palakkad. Former Director and HOD, Dept of Neurlogy, SCTIMST, Thiruvananthapuram.
3. Dr Asha Kishore, Director, Head of Clinical excellence, Aster group of Hospitals.; Email; [ashakishore99@gmail.com](mailto:ashakishore99@gmail.com)

### **Other interests**

Sports; Cricket, Badminton, Table tennis

Reading, Movies

Stock trading.

Body building

Music.

Piano

Writing