

# CURRICULUM VITAE

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## **DR. SRIVATSAN THIRUMALAI VASU**

**MBBS, DNB (Neurosurgery)**

**Date of birth:** 09/07/90

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## **PROFESSIONAL SUMMARY**

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Analytical, detail-oriented Neurosurgeon dedicated to upholding clinical guidelines, standards, and best practices. Extensive experience evaluating clinical data, conducting patient evaluations, and developing successful care plans. Adept in Neurocritical patient management and procedures. Dependable, patient-focused leader with excellent organization, communication, and relationship management skills.

### **Current Status**

I am presently working as part of the faculty in a large tertiary care hospital associated with a medical college and am involved in resident training. I work predominantly in the skull base, neuroendoscopy and robotic neurosurgery section handling both inpatient as well as outpatient work. Current ongoing research projects include the application of neurosurgical robotics to endoscopic surgeries.

I have gained comprehensive and sound knowledge and skills in the care of patients encompassing out-patient level assessment and plan development, pre-operative and post-operative in-patient care as well as excellent surgical skills addressing emergency and elective

surgeries for cranial and spine related pathologies independently. Long term exposure to neurosurgical patients has allowed me to develop an empathetic but confident attitude towards patients and their family/care-givers. I also possess a strong desire for research into investigations and treatments to improve neurosurgical care.

## **EXPERIENCE**

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1. **Neurosurgeon**, Amrita Institute Of Medical Sciences, Jul. 2021 – Present, Kochi, Kerala
2. **Senior Resident (PGY 4-6)**, Medical Trust Hospital, Apr. 2018 – May 2021, Kochi, Kerala
3. **Junior Resident (PGY 1-3)**, Medical Trust Hospital, Apr. 2015 – May. 2017, Kochi, Kerala
4. **House Officer (Internship)**, Rajarajeswari Medical College and Hospital, 2012 – 2013  
Bangalore, Karnataka

## **CLINICAL OBSERVERSHIPS**

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1. **Spine Surgery Unit, Amrita Institute of Medical Sciences (AIMS), Kochi, Kerala**  
*Department of Neurosurgery, 2021*
2. **National Institute of Mental Health And Neurosciences (NIMHANS), Bangalore, Karnataka**  
*Department of Neurosurgery, 2021*

## **EDUCATION**

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**2015 - 2021**

**DNB Neurosurgery (Direct 6 Years Super-Specialty)**

- Medical Trust Hospital - Kochi, Kerala

**2008 - 2013**

**M.B.B.S**

- Rajarajeswari Medical College and Hospital - Bangalore, Karnataka

## PUBLICATIONS

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### International Journals

- 1. Efficacy and Safety Profile of Tranexamic Acid in Traumatic Thoracolumbar Spine Fracture Management: A Systematic Review and Meta-Analysis.** *Meta-analysis*, Accepted on August 3, 2021 at International Journal of Spine Surgery, in press.  
*Srivatsan Thirumalai V, Sudheesh Ramachandran, Lakshay Raheja, Kanishk Parmar.*
- 2. Pituitary Apoplexy, Meningitis And Cerebral Infarction- A Perplexing Trifecta**  
Case report, Brazillian Neurosurgery, Aug 3, 2021  
*Srivatsan Thirumalai V, Haroon M Pillay, Lakshay Raheja*
- 3. A Comparative Analysis Of Transcranial Versus Endoscopic Endonasal Repair For Traumatic CSF Rhinorrhoea.** Original Study, under review at Journal of Neurological Surgery Part A , Accepted, November 2021, in Press  
*Srivatsan Thirumalai V, Venkidesh Krishnamoorthy, Sudish Karunakaran, Haroon M Pillay*
- 4. ICP monitoring in diffuse brain injury- why the developing world needs it more?**  
Original study, Acta Neurochir 160, 1921-1299 (2018), DOI: 10.1007/s007010183538-4  
*Tarang K Vora, Sudheesh Karunakaran, Ajay Kumar, Anil Chiluka, Harish Srinivasan, Kanishk Parmar, Srivatsan Thirumalai V, Rahul Srinivasan, H A Chandan, P S Vishnu, Lakshay Raheja*
- 5. Delayed Cerebral Ischaemia and Hyponatremia Following Aneurysmal Subarachnoid Hemorrhage in an Indian Subset.** Original Study, MAR Neurology, Volume 3, Issue1, (2021), DOI: 10.127/Marne.2021.0116  
*Kanishk Parmar, Srivatsan Thirumalai V, Harish Srinivasan, Rahul Srinivasan, Chandan H A, Vishnu P S, Lakshay Raheja, Mohammed Mansoor T, Tulsi Thampan*
- 6. Effects Of Testosterone Replacement in Patient with Moderate to Severe Head Injury and Persistent Hypogonadotropic Hypogonadism: An Open Label Randomized Controlled Trial.** Original Study, Acta Scientific Neurology, Volume 4

Issue 9, September 2021, DOI: 10.31080/ASNE.2021.04.0418

*Chandan H A, Srivatsan Thirumalai Vasu, Kanishk Parmar, Vishnu P S, Lakshay Raheja, Haroon M Pillay, Venkidesh Krishnamoorthy, Rahul Srinivasan*

- 7. The utility of Tranexamic Acid in the management of chronic subdural hematomas- a systematic review and meta-analysis.** Meta-analysis, submitted to World

Neurosurgery, September, under review.

*Srivatsan Thirumalai V, Ayyadurai Rethnathankom, Lakshay Raheja, Kanishk Parmar, Chandan H A*

- 8. Trigeminal neuralgia in patients with cerebellopontine angle tumors: Should we always blame the tumor? A case report and review of literature.** Case report,

Submitted to Korean Journal of Pain November 2021, under review.

*Srivatsan Thirumalai V, Ayyadurai Retnathankom*

### **National Journals**

- 1. Mania- An Uncommon Complication Of A Common Neurosurgical Procedure: a Case report and review of literature.**

Case Report, Under revision at Journal of Geriatric Mental Health, Submitted Nov 2020.

*Srivatsan Thirumalai V, Sudheesh Ramachandran, C J John, Dharav Kheradia.*

## **JOURNAL REVIEWER**

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**Interdisciplinary Neurosurgery: Advanced Techniques and Case Management**

## **PRESENTATIONS**

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- 1. Oral Paper Presentation at Asian Congress of Neurosurgeons Conference, 2020**
- 2. Oral Paper Presentation at The Royal Australian and New Zealand College of Psychiatrists 9th Annual Neuropsychiatry and Behavioural Neurology Conference 2020**

3. **Poster Presentation at Asian Congress of Neurosurgeons Conference, 2020**
4. **Oral Paper Presentation at 29th Annual Conference of Neuro Trauma Society of India, 2021**
5. **Award Paper presentation at Periyar Kairaly Neurocon 2021, India**
6. **Poster presentation at Periyar Kairaly Neurocon 2021, India**

## **COURSES**

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1. **Minimal Access Spine Techniques Conference and Saw-bone workshop for Instrumentation techniques (MASTCON)**  
*Organized by SUT, Pattom, Trivandrum 2016*
2. **Cadaveric course on Intrinsic anatomy of the brain: White matter tract dissection and Skull base approaches.**  
*Organized by WFNS Neurosurgical Anatomy Committee and Department of Neurosurgery, Kasturba Medical College, Manipal. 2019*

## **PROFESSIONAL AFFILIATIONS**

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### **1. INTERNATIONAL**

- a. AO Spine

### **2. NATIONAL**

- a. Neurological Society of India
- b. Kerala Neurological society
- c. Association of Spine Surgeons of India

## **LANGUAGES**

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Fluent in English, Malayalam, Tamil, Kannada, Hindi

## REFERENCES

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1. Dr. Sudish Karunakaran, HOD, Dept. of Neurosurgery, VPS Lakeshore Hospital, Kochi, Kerala, India. Ph no. 9446389999, email: [sudishk@gmail.com](mailto:sudishk@gmail.com)
2. Dr. Haroon M Pillay, HOD, Dept. of Neurosurgery, Medical Trust Hospital, Kochi, Kerala, India. Ph. No. 9633097199, email: [haroonmpillay@gmail.com](mailto:haroonmpillay@gmail.com)
3. Dr. Sudheesh Ramachandran, Senior Consultant, Dept. of Neurosurgery, Medical Trust Hospital, Kochi, Kerala, India. Ph. No. 6282079640, email: [meetsudheesh@gmail.com](mailto:meetsudheesh@gmail.com)
4. Dr. Venkatesh Krishnamoorthy, Senior Consultant, Dept. of Neurosurgery, Medical Trust Hospital, Kochi, Kerala, India. Ph. No. 9447341069, email: [venkideshkrishnamoorthy@gmail.com](mailto:venkideshkrishnamoorthy@gmail.com)