

CURRICULUM VITAE

Dr. DHEERAJ MASAPU MD,DM(neuroanaesthesia)

CONTACT INFORMATION

Name	Dr. Dheeraj Masapu
Mobile no.	9591964327
E-mail ID	dheerajmasapu@gmail.com
Current address	Dr. Dheeraj Masapu Flat 207, V2 nirvik apartment, #52, 13 th cross, sector 5, HSR layout, bangalore. 560034.

EDUCATIONAL QUALIFICATION

	COLLEGE/ WORK	YEAR OF COMPLETION
M.B.B.S.	Sri Devaraj Urs Medical College, Kolar.	2007
M.D. (Anaesthesia) (Gold medallist, secured first in Andhra Pradesh University)	NRI medical college, Vijayawada, AP	2012
ADARSH NEURO-CENTRE	Rajahmundry, Andhra Pradesh	2012-2013
D.M. (Neuroanaesthesiology and Neuro-critical care)	National Institute of Mental Health and Neuro	2013- 2016

	Sciences, Bangalore,India.	
Associate consultant in Neuroanaesthesia and critical care	Sakra world hospital,bangalore.	2016- 2019
Consultant in Neuroanesthesia and Neurocritical care	Sakra world hospital,bangalore.	2020- till date

PERSONAL INFORMATION

Name : Dr Dheeraj Masapu
Date of Birth : 06/06/1984
Wife : Dr Tulasi
Qualification : M.B.B.S., DNB(paediatrics)

PUBLICATIONS

1. Jena S, Kamath S, Masapu D, Veenakumari HB, Ramesh VJ, Bhadrinarayan V, Ravikumar R. Comparison of suction above cuff and standard endotracheal tubes in neurological patients for the incidence of ventilator-associated pneumonia and in-hospital outcome: A randomized controlled pilot study. Indian journal of critical care medicine: peer-reviewed, official publication of Indian Society of Critical Care Medicine. 2016 May;20(5):261.
2. Masapu D, Krishna KG, Sanjib S, Chakrabarti D, Mundlamuri RC, Manohar N, Mariamma P, Satishchandra P, Rao GU. A comparative study of midazolam and target-controlled propofol infusion in the treatment of refractory status epilepticus. Indian Journal of Critical Care Medicine. 2018 Jun 1;22(6):441.

3. Chakrabarti D, Gopala KK, Masapu D. Adverse Hemodynamic Event Due to Floseal Hemostatic Matrix Application. *Journal of neurosurgical anesthesiology*. 2016 Jan 1;28(1):88-9.
4. Chakrabarti D, Kamath S, Masapu D. Simple Cost-Effective Alternative to Fluid and Blood Warming System to Prevent Intraoperative Hypothermia. *AANA Journal*. 2017 Feb 1;85(1):29.
5. Manohar N, Masapu D, Deepti BS, Chakrabarti D. Airway Management in an Infant With Huge Hydrocephalus. *AANA Journal*. 2017 Aug 1;85(4).
6. Sriganesh K, Saini J, Masapu D. Pneumothorax, Pneumomediastinum, and Pneumorrhachis: A Rare Presentation in a Neurological Patient. *Journal of neurosurgical anesthesiology*. 2017 Apr 1;29(2):185-7.
7. Masapu D, Sriganesh K, Gopalakrishna KN. Venous Air Embolism During Brain Abscess Surgery. *Journal of neurosurgical anesthesiology*. 2016 Oct 1;28(4):430-1.
8. Masapu D, Shetty DJ, Kumar S, Rudrappa S. A Case of Uvular Ulceration After Spine Surgery. *Journal of neurosurgical anesthesiology*. 2018 Jul 1;30(3):284-5.
9. Chakrabarti D, Surve RM, Deepti BS, Masapu D. Intraoperative aberrant bispectral index values due to facial nerve monitoring. *Journal of Clinical Anesthesia*. 2017 Feb 28;37:61-2.
10. Masapu D, Bansal S, Nanjundaiah GK, Surve RM. Extradural Hematoma With Unanticipated Difficult Intubation Due to Rhinoscleromatosis. *Journal of neurosurgical anesthesiology*. 2017 Jan 1;29(1):67-8.
11. Masapu D, Sunil Kumar HR, Munureddy Manjunath, Satish Rudrappa. Un anticipated intraoperative tube switch during skull base surgery. *Journal of Neuroanaesthesiology and Critical Care* 2018; 05(01): 34-36(DOI: 10.1055/s-0037-1618324).
12. Tukkapuram VR, Rudrappa S, Shabadi VK, Masapu D, Kumar S. Sacral Ewing's tumor: Use of neoadjuvant chemotherapy for preoperative cytoreduction of the tumor. *Neurol India*. 2018;66(1):249-251. doi:10.4103/0028-3886.222848.

13. Masapu D, Rudrappa S, Manjunath M, Srinivas D. Intraoperative Spinal Cord Pulsations: A Good Sign or a Disaster Waiting to Happen?. *Journal of neurosurgical anesthesiology*. 2018 May 31.
14. Sekar A, Gopal S, Rudrappa S, Sunil HR, Masapu D. Endovascular management of basilar artery perforator aneurysm – Insights. *Interdiscip Neurosurg*. 2019 Dec 1;18:100533.
15. Munireddy M, Masapu D, Hosahalli Rajanna SK, Rudrappa S, Govindasamy R. A Rare Instance of Temporomandibular Joint Dislocation Complicated by Motor-Evoked Potential Monitoring. *J Neuroanaesth Crit Care* 2019. doi:10.1055/s-0039-1685417.
16. Rajappa D, Masapu D, Gopal S, Rudrappa S. Somatosensory Evoked Potentials as a Useful Tool to Limit the Temporary Clipping Time during Aneurysm Clipping. *J Neuroanaesth Crit Care* [Internet]. 2020 Nov 19 [cited 2021 Jan 6]; Available from: <http://www.thieme-connect.de/DOI/DOI?10.1055/s-0040-1716946>
17. Mittimanj K, Rajappa D, Masapu D, Chandrashekar S, Rudrappa S. Total intravenous anaesthesia to facilitate Bulbocavernosus reflex in 2 year old child with tethered cord syndrome. *Indian journal of Clinical Anaesthesia* - Accepted
18. Rajappa D, Khan MM, Masapu D, Manchala R, Rudrappa S, Gopal S, Govindasamy R, Horasuku SK. Multimodal Intraoperative Neurophysiological Monitoring in Spine Surgeries: The Experience at a Spine Centre through Years. *Asian Spine Journal*. 2020 Dec 30.
19. Gopal S, Rudrappa S, Sekar A, Preethish-Kumar V, Masapu D. Customized and Cost-Effective 3D Printed Mold for Cranioplasty: India's First Single Center Experience. *Neurology India*. 2021 May 1;69(3):611.
20. Chander VS, Govindasamy R, Masapu D, Preethish-Kumar V, Rudrappa S. Role of expansile duraplasty and neural monitoring in surgery for Anterior Thoracic Spinal Cord Herniation. *Interdisciplinary Neurosurgery*. 2020 Dec 1;22:100859.
21. Gopal S, Sekar A, Rudrappa S, Masapu D. Adenosine induced cardiac pause in neuroendovascular management of AVM with fistula. *Interdisciplinary Neurosurgery*. 2020 Jun 1;20:100662.

22. Chakrabarti D, Kamath S, Reddy KM, Srinivas DB, Manohar N, Masapu D. Effect of adjunctive dexmedetomidine on anesthesia and analgesia requirement and recovery characteristics during Bispectral Index-guided anesthesia for cerebello-pontine angle surgeries: A randomized clinical trial. Journal of anaesthesiology, clinical pharmacology. 2018 Oct;34(4):496.
23. Jabanathan M, Masapu D, Rajappa D. Can routine ultrasound screening performed before percutaneous dilatational tracheostomy prevent dreaded complication like bleeding in intensive care unit. J Anesth Crit Care Open Access. 2020;12(2):71-2.

COURSE DIRECTOR

Fellowship in neuroanaesthesia accredited by ISNACC (Indian society of Neuroanaesthesia and critical care)

REVIEWER

1. WORLD NEUROSURGERY.

CHAPTERS

1. Role of Neuromonitoring in Lumbar spine surgeries- Monograph on Lumbar spine surgeries theime publications – 2019.

THESIS

Title of the Theses / Dissertation	Comparison of midazolam and propofol in refractory status epilepticus.
<u>Investigator(s)</u>	
Name of the Student	Dr. Dheeraj Masapu
Name of the Guide	Dr. G S Umamaheswara Rao
Name of the Co-guide (1)	Dr. Sanjib Sinha
Name of the Co-guide (2)	Dr. Gopalakrishna K N
Status	Completed
Funding	Non-funded

Observerships:

1.	Observer ship	Sri Jayadeva Institute of Cardiovascular Sciences & Research, Bangalore,INDIA	1 – 15 March, 2015 (15 days)
2	Observer ship	Christian medical college, Vellore,,INDIA.	16-31 march,2015 (15 days)
3	Observership in neuroanaesthesia	Hokkaido University, Japan.	June 1 st – 15 th 2019.

Presentation -National deliberations:

1. Comparison of ropivacaine and ropivacaine plus fentanyl in supraclavicular brachial plexus block – ISACON 2010, LUCKNOW.
2. Comparison between suction above cuff endotracheal tube (SACETT) and standard endotracheal tube (SETT) on the incidence of ventilator associated pneumonia in Neuro ICU. 16th Annual Conference of Indian Society of Neuroanaesthesiology and Critical Care, Lucknow, India, Jan 30 - Feb 1, 2015.
3. Evaluation of precraniotomy and post craniotomy changes in BIS in head injury Dheeraj Masapu, Radhakrishnan, Chakrabarti D, Nitin M. Annual Conference of Neurotrauma Society of India, Bangalore, India, 21 Aug to the 23 Aug, 2015.
4. Evaluation of thiopentone requirement in head injured patients. Dheeraj Masapu, Radhakrishnan, Chakrabarti D, Nitin M. 63rd Annual National Conference of Indian Society of Anaesthesiologists, 26 – 29 Dec 2015. KOPS AWARD CATEGORY
5. Comparison of propofol and midazolam in refractory status epilepticus. Dheeraj Masapu, G S Umamaheswara Rao, Sanjib Sinha, Gopalakrishna K N. 17th Annual Conference of ISNACC, 5-7 Feb 2016. CONSOLATION PRIZE
6. Dheeraj Masapu. First Prize in QUIZ, 16th Annual Conference of Indian Society of Neuroanaesthesiology and Critical Care, Lucknow, India, Jan 30 - Feb 1, 2015.
7. Unanticipated intraoperative tube switch in a skull base surgery. Dheeraj masapu, Sunil Kumar HR, Satish Rudrappa. ISNACC 2017: chandigarh.India
8. Anaesthetic considerations of head injury patient coming for emergency extracranial surgeries, Sakra Neuroanaestheia update.2017.

9. Intraoperative neuromonitoring in brain and spine surgeries, Mangalore orthopaedic association, 2019.
10. Complications in Intraoperative Motor evoked potential monitoring, ISIN, 2019.
11. Monitoring in Neurocritical Care, ISIN conference, Yashoda hospitals, 2019.
12. Conducted Workshop on intraoperative neuromonitoring in ISA Chennai, 2019.
13. Role of Neuromonitoring for Safe Spine Surgery, Spine 2019, Cochin.
14. Role of inhalational anaesthetics in current neurosurgical practices, Vydehi Medical College, 2019.
15. Evoked potential monitoring workshop in isacon-2019 bangalore.
16. Conducted evoked potentials work shop in ISNACC-2020, Chennai.
17. Epilepsy management in the Intensive care – NCI 2021(Virtual)

Clinical skills:

1. Fibre optic intubation
2. Video laryngoscopy
3. Echocardiography
4. Ultrasound lung
5. Percutaneous tracheostomy
6. Managing TBI, SAH, Stroke in ICU.
7. EEG and refractory epilepsy management

8. Transcranial Doppler in SAH
9. Intraoperative neuromonitoring
10. Anaesthesia for MRI and Interventional Neuroradiology
11. Invasive hemodynamic monitoring
12. Brain death testing
13. Rehabilitation care
14. Paediatric neuroanaesthesia.
15. Prognostication in Neurocritical Care