CVs & Brief Contribution of all Contestants







Dr Ranjith K M

0220LMB

INDSPN ELECTION 2025







Dr Manoj Phalak INDSPN0452LMB





Dr Arivazahagan A.

CV for INDSPN

EC MEMBER

Name : Dr. Arivazhagan Arimappamagan

Designation : Professor of Neurosurgery

Department/Institute/University: Department of Neurosurgery, NIMHANS, Bangalore, India

Date of Birth : 31.03.1977.

Education (Post-Graduation onwards & Professional Career)

Sl	Institution	Degree	Year	Field of Study
No.	Place	Awarded		
1	JIPMER, Pondicherry	MBBS	1999	
2	JIPMER, Pondicherry	MS	2003	General Surgery
3	National Board of	DNB	2003	General Surgery
	Examinations, New Delhi			
4	NIMHANS, Bangalore	MCh	2006	Neurosurgery

A. Position and Honors

Position and Employment (Starting with the most recent employment)

Sl No.	Institution	Position	From	To (date)
	Place		(Date)	
1	NIMHANS, Bangalore	Professor of Neurosurgery	1.7.2018	Till date
2	NIMHANS, Bangalore	Additional Professor of	1.7.2014	30.6.2018
		Neurosurgery		
3	NIMHANS, Bangalore	Adjunct Faculty,	2.11.2015	30.6.2018
		Department of Clinical		
		Neurosciences		
4	NIMHANS, Bangalore	Associate Professor of	1.7.2011	30.6.2014
		Neurosurgery		
5	Toronto Western hospital,	Clinical Observer in	11.1.2013	31.3.2013
	Toronto, Canada	Epilepsy surgery		
6	Hospital for Sick Children,	Clinical Observer in	19.2.2013	31.2.2013
	Toronto, Canada	Pediatric Neurosurgery		
7	NIMHANS, Bangalore	Assistant Professor of	14.11.2007	30.6.2011
		Neurosurgery,		
8	Indira Gandhi Govt General	Consultant Neurosurgeon	4.6.2007	13.11.2007
	Hospital and Research			
	Institute, Pondicherry			
9	NIMHANS, Bangalore	Resident, Neurosurgery	September	May 2007
			2003	
10	JIPMER, Pondicherry	Resident, General Surgery	April 2000	August
				2003
11	JIPMER, Pondicherry	Rotating Internship	Jan 1999	Dec 1999

Honors/Awards

1992 National talent search examination (NTSE) Scholarship, NCERT, New Delhi

1997 Endowment Prize of the 21st Annual Conference of the Association of Pathologists and Microbiologists, in Pathology.

1999 Dr. Vikrant Gupta Memorial medal for the Best Outgoing MBBS student, JIPMER,

	Pondicherry
1999	ranked FIRST in Pondicherry University in MBBS for the year 1999
1994-99	Received Honors in Physiology, Pathology, Microbiology, P&SM, Medicine, Surgery and Pediatrics during MBBS
2006	Received the best paper award in Allied Neurosciences Category in 55 th Annual Conference of NSI.
2007	Received the best poster award in in 4 th South Asian Neurosurgical Congress, New Delhi.
2009	Received the best poster award at in the 58 th Annual Conference of NSI 2009 at Lucknow.
2009	Received the travel fellowship award from AASAN to attend Annual meeting of Congress of Neurological Surgeons, USA at Lousiana.
2010	Awarded The Tetsuo Kanno Award for Young Neurosurgeon Best Paper Presentation in 8 th Asian Congress of Neurological Surgeons 2010 at Kualalumpur, Malaysia
2010	Awarded Herbert Krause Award for Best paper in Neuro Oncology in the 59 th Annual Conference of NSI 2010, Jaipur
2010	Received the travel fellowship award from ACNS to attend 8 th Asian Congress of Neurological Surgeons at Kualalumpur, Malaysia
2014	Received the "2014 ISNO President's Award for The Best Clinician Researcher in Basic Neuro Oncology" from the Indian Society of Neuro Oncology

B. Publications (Numbers only): 163 Chapters in Books : 5. General articles : nil Patents : One.

Specialty Interests :

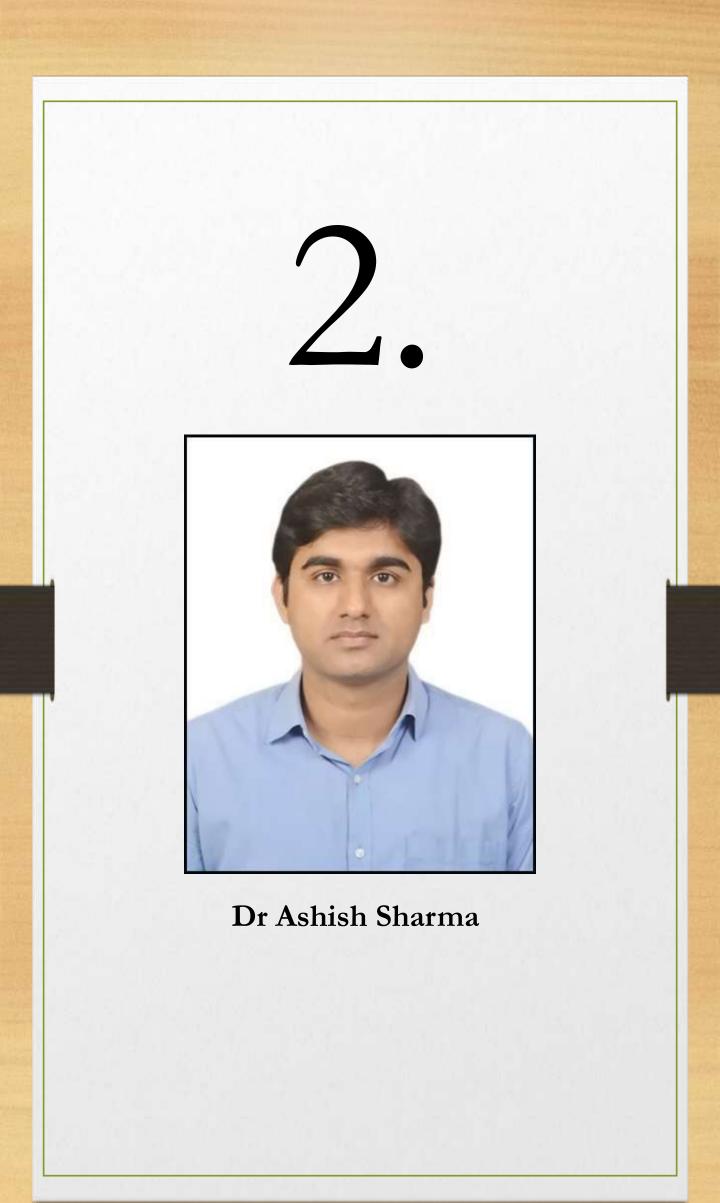
Neuro Endoscopy : Hydrocephalus, Tumors, Skull Base

Neuro Oncology : Clinical and translational molecular research in glioma and pediatric posterior fossa tumors.

Functional Neuro surgery : Epilepsy, Radiosurgery, Stereotaxy.

Professional Experience and contributions to IndSPN:

I am an active member of IndSPN society for many years and have regularly participated in the activities of the society. I have contributed as faculty in the various conferences of IndSPN and CMEs. My academic and clinical interests in pediatric neurosurgery include hydrocephalus, pediatric brain tumors, pediatric epilepsy, endoscopy, etc. I have been an active member of NSI and many of its sub societies, served in Executive committee of some of them, have organized many conferences in different capacities, participated and contributed in various academic programs.



BRIEF CURRICULUM VITAE

Dr. Ashish Sharma

Assistant Professor, Department of Neurosurgery, AIIMS Raipur, Chhatisgarh. 492099 Email: <u>simplyashish147@gmail.com</u> Phone no. +91-9033529792



DETAILS OF EDUCATIONAL QUALIFICATION:

Examination	Discipline/ Specialization	School/College	Board/ University	Year of Passing
Assistant Professor	Neurosurgery	AIIMS, Raipur		July'21- till date
Post Doctoral Fellow	Cerebrovascular Neurosurgery	SGPGIMS, Lucknow	SGPGIMS	Dec'20-July'21
Super Speciality	M.Ch Neurosurgery	SGPGIMS, Lucknow	SGPGIMS	2020
Post Graduation	M. S. (General Surgery)	B. J. Medical College, Ahmedabad	Gujarat University	2016
Under Graduation	M. B.B.S.	S. B. K. S. Medical College, Vadodara	Gujarat University	2010

PUBLICATIONS:

 CONTINOUS VERSUS INTERRUPTED SUTURES IN LAPROTOMY CLOSURE: A COMPARATIVE STUDY, Dr. Ashish R. Sharma, Dr.Hitendra K. Desai. PARIPEX- INDIAN JOURNAL OF RESEARCH : Volume-5 | Issue-5 | May-2016

- **Dr. Ashish R. Sharma**, Dr Hitendra K. Desai. A Study of Blunt Abdominal Trauma Cases and its Management. International Journal of Scientific Research, Vol : 4, Issue :10 October 2015
- Sharma AR, Srivastava AK, Singh S, Das KK, Mishra P, Bhaisora KS, Sardhara J, Mehrotra A, Jaiswal AK, Behari S. Does Socioeconomic Status Have an Association with Cranio-vertebral Anomalies: A Step Toward Healing the Curse! J PediatrNeurosci. 2021 Jan-Mar;16(1):44-48.
- Nangarwal B, Bhaisora KS, Khatri D, Sharma A, Singh V, Maurya V, *et al.* An Institutional Experience and Literature Review on Iatrogenic Major Vascular Injury in Neurosurgery:Proposal of a Management Algorithm. Neurol India2022;70:1580-9.

PAPER PRESENTATIONS:

- A Rare Case Report of Infective Urachal Cyst in Adult in CME held on 11th October 2015, AMCMET Medical College, Ahmedabad.
- Terminal syrinx (TS) as the static marker of tethered cord syndrome (TCS): The shape of the syrinx cavity indicates the degree of tethering held on 6-8th February 2020, 31st Annual conference of Indian Society for Pediatric Neurosurgery, INDSPNCON 2020
- Does Socioeconomic Status Have an Association with Cranio-vertebral Anomalies: A Step Toward Healing the Curse! Presented in UP-UK Neurocon 2021, held on 7-8th August, 2021
- Traumatic extracranial giant pseudoaneurysm of common carotid artery: surgical management and outcome, presented in **Neurovascon 2021**, held on PGIMER, Chandigarh on 25-26th September, 2021
- An approach to cranio-facial fibrous dysplasia for correction of cosmesis and visual loss – a cursed reality out of the haze, in NSICON 2021, held on 10-12th December, 2021
- Evaluation of Management of thoracic spine fractures- at 21st CGMP Neurocon 2023, held on 25th 27th August 2023 Raipur.

 Evaluation and management of thoracolumbar junctional fractures- at 12th NSSICON 2024, held on 23rd – 25th February 2024, AIIMS Raipur

BOOK CHAPTER:

- Behari S, Sharma AR, Das KK, Bhaisora KS. Chapter 60: Far and extreme lateral transcondylar approach to the foramen magnum. In: Jayashankar N, Prepageran N. Atlas of lateral skull base. Thieme Publishers, New Delhi, 2021 (IN PRESS)
- Singh P, Singh S, Dixit P, Attri GS, Sharma AR, Behari S. Chapter 7.6: Endoscopic Assisted Intraventricular approach to Excision of Colloid Cysts. In: The Operative Atlas of Neurosurgery, Vol I. Thieme Publishers, New Delhi, 2020
- Arulalan M, Manogaran RS, Keshri AK, Bhaisora KS, Bhuskute GS, Singh N, Baghel SS, Sharma AR, Behari S. Chapter 5.7: Transcochlear Approach for an Extensive Glomus Jugulare. In: The Operative Atlas of Neurosurgery, Vol I. Thieme Publishers, New Delhi, 2020
- 4. Das KK, **Sharma AR**, Rangari K, Zambre S. Chapter 2.4: Resection of a Vestibular Schwannoma Using a Microscopic Mini Retramastoid Suboccipital Approach in Supine Lateral Position. In: The Operative Atlas of Neurosurgery, Vol I. Thieme Publishers, New Delhi, 2020.
- 5. Das KK, Rangari K, Sharma AR, Dikshit P. Chapter: Foramen Magnum Meningioma and its surgical approaches and management. Nova Science, New York, 2021
- 6. Kumar, A., Sharma, A., Behari, S. (2023). Asymptomatic Craniofacial Fibrous Dysplasia. In: Turgut, M., Guo, F., Turgut, A.T., Behari, S. (eds) Incidental Findings of the Nervous System. Springer, Cham. <u>https://doi.org/10.1007/978-3-031-42595-0_19</u>

Dr. Ashish Sharma

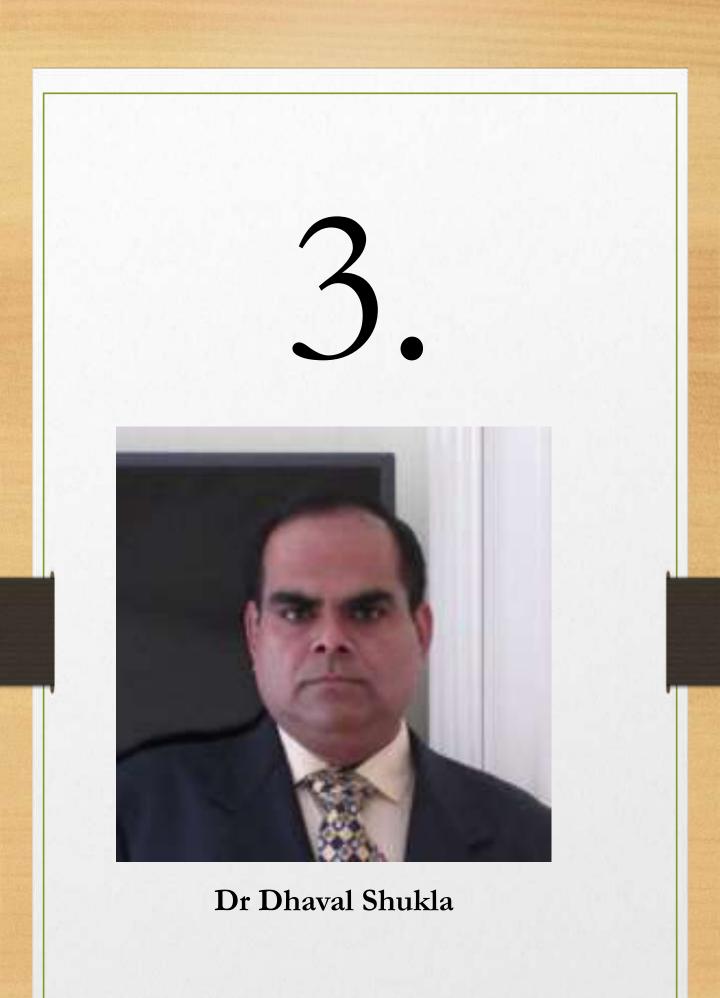
Brief Contribution

During my residency, I authored a research paper investigating the correlation between pediatric CVJ anomalies and socioeconomic status.

Upon joining AIIMS Raipur as an Assistant Professor, I initiated a collaborative surgical program with the Oral and Maxillofacial Surgery (OMFS) department for the management of syndromic craniosynostosis with mid-facial hypoplasia. This program involves a single-stage approach encompassing fronto-orbital bandeau placement, mid-facial expansion with mono-en bloc resection, and internal fixation. Cranial vault repair is also routinely performed within our department.

Furthermore, I have a strong interest in the management of pediatric posterior fossa tumors. In collaboration with the Medical Oncology department, we are currently evaluating tumor types and subsequently administering appropriate chemotherapy or radiotherapy regimens.

Regarding closed spinal dysraphism, we are investigating the efficacy of prone positioning with elevation in cases of CSF leakage. Additionally, I have keen interest in management of pediatric spinal deformities.



Brief CV Related to Pediatric Neurosurgery

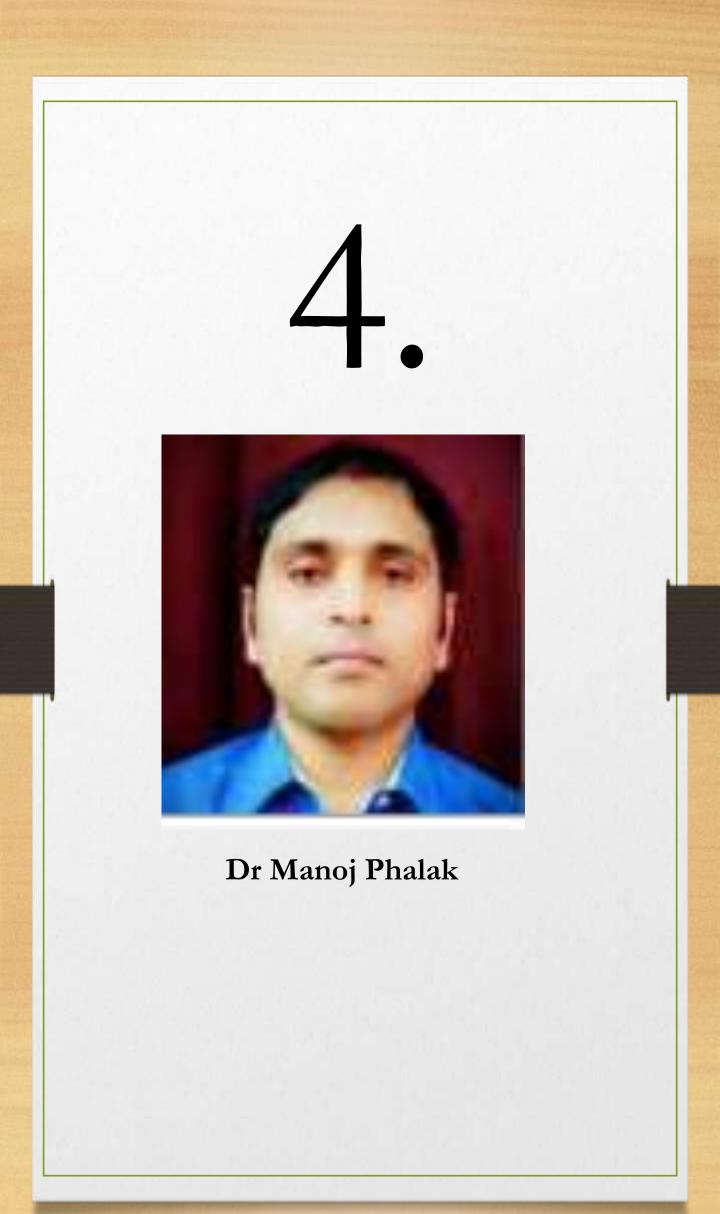


Dr. Shukla has shown keen interest in Pediatric Neurosurgery since his residency under the mentorship of Dr. Aaron Mohanty. NIMHANS has a separate Pediatric Neurosurgery ward since 1997. Immediately after passing MCh from NIMHANS, he became a member of IndSPN in 2003. He joined Neurosurgery Unit – 3 at NIMHANS as an Associate Professor of Neurosurgery in 2009 and started neuroendoscopic surgery and surgery for craniosynostosis in that unit and currently is Prof. of Neurosurgery and HOD at NIMHANS. He attends the Annual Conference of IndSPN almost every year.

His contributions and achievements to Pediatric Neurosurgery out of total are the following:

- Proportion of Pediatric Neurosurgical Procedures performed in last 5 years: 226/760
 [30%]
- No. of publications 57/287 [20%]
- No. of conference presentations 22/110 [20%]
- Guide/ Co-guide for thesis: 6/27 [22%]
- Investigator/ Co-Investigator Research Projects: 2/20 [10%]

Other administrative experience: Secretary Neurotrauma Society of India [2021-2024] Member – WFNS Neurotrauma Committee [2024-continuing



<u>CURRICULUM VITAE</u> Dr. Manoj Phalak, M.B.B.S., M.Ch., D.N.B. D.A.E

Additional Professor, Department of Neurosurgery and Gamma knife, All India Institute of Medical Sciences, New Delhi, India

PERSONAL INFORMATION

Name:	Dr Manoj Phalak
Date of Birth:	19th Feb 1984
Work Address:	720, Department of Neurosurgery,
	Neurosciences Centre, AIIMS,
	Ansari Nagar, New Delhi, India 110029
Phone No:	+91-9868078279, +91-11-26593291(office),
	+91-11-26588414(Residence)
Email:	manojphalak@yahoo.com , manojphalak@gmail.com
Citizenship:	India
Marital Status:	Unmarried

EDUCATION

M.B.B.S.	- Bachelor of Medicine and Bachelor of Surgery, All India Institute
	of Medical Sciences, New Delhi (2001- 2006)
Residency	- Department of Neurosurgery, AIIMS, New Delhi
	(July 2008-May 2013)
Chief Resident	- Department of Neurosurgery, All India Institute of Medical
	Sciences, New Delhi (June 2013-June 2014)
M.Ch.	- Magister Chirurgiae, All India Institute of Medical Sciences, New
(Neurosurgery)	Delhi, India (May 2013)
D.A.E.	- Diploma in Applied Epidemiology, National Institute of Health
	and Family Welfare, New Delhi, India (2017)
D.N.B.	
(Neurosurgery)	- Diplomate of National Board, National Board of Examinations,
	New Delhi, India. (June 2017)

APPOINTMENTS

Additional Professor- 01 July 2021- till date

Associate Professor- 01 July 2018- 30 June 2021

Assistant Professor- 30 Jun 2018- 06th June 2015

Department of Neurosurgery, Neurosciences Centre and Jai Prakash Narayan Apex Trauma Centre, All India Institute of Medical Sciences, New Delhi

Post M.Ch. Senior Resident (Aug 2014-June 2015)

Division of Neurotrauma Services, Department of Neurosurgery, Jai Prakash Narayan Apex Trauma Centre, All India Institute of medical Sciences, New Delhi.

OTHERS (current administrative/ clinical Appointments)

- 1. Member of Hospital brain death certification committee
- **2.** Expert member of EPTB (extrapulmonary tuberculosis) INDEX guidelines INDIA- CNS and Spine.

PREVIOUS EMPLOYMENT

Junior Resident

Jan 2008: Department of ENT and Head & Neck Surgery, AIIMS, New Delhi, India

July 2007- Dec 2007: Department of Radiation Oncology, Dr. B.R.A. Institute Rotary Cancer Hospital, AIIMS, New Delhi, India

Feb 2007- Jun 2007: Department of Nephrology, AIIMS, New Delhi, India

Jan 2007- Feb 2007: Department of Psychiatry, National Drug Dependence Treatment Centre (NDDTC), AIIMS, India

LICENSES AND CERTIFICATION

Delhi Medical Council (Regn. No. DMC/R/03921)

(License to practice medicine and Neurosurgery in India.)

PROFESSIONAL MEMBERSHIP (>10 societies)

Member of Neurological Society of India(NSI)

LECTURES (>50)

RESEARCH (at AIIMS)- ongoing

- 1. Co-investigator for an intramural funded cadaveric project (On-going) lateral approaches to lumbar spine
- 2. Co investigator with for Extramural grant : Neuropyschological profile following moderate head injury

Further Interests- Role of gamma knife in angiofibroma, Recurrent glioma, vertebral artery dynamics in CVJ surgery, peripheral nerve surgery

AWARDS

- **Best poster award:** at AIIMS Neurosciences Golden Jubilee Congress, Nov 2015, New Delhi for Does intraoperative brainshift during supratentorial tumor surgery affect outcomes- a study using DTI in Brainsuite. **(Best Poster award).** AIIMS neurosciences golden jubilee congress. Nov 2015, New Delhi
- **Best paper award:** JB MODI best paper award at Neurotrauma 2012 Kochi, India (NTSI) for *Theco-peritoneal shunt for post-traumatic hydrocephalus- A valuable adjunct?*
- **Best Poster award (guide and mentor, co/corresponding author)** 31st Annual meeting of Indian society of Paediatric Neurosurgery, New Delhi 2019.
- Best published paper 2022-23 in Journal of Spine surgery, topic : Utility of annular closure device in the treatment of degenerative disc disease- A metanalysis with trial sequential analysis

Fellowships:

- 1. Fred- Epstein Scholarship/travelling fellowship- International Society of Paediatric Neurosurgery Aug 2018
- 2. INDSPN travelling fellowship Oct 2018
- 3. AOTS Japan/India fellowship to visit Neurosurgical centres in Japan(Jan 2019)
- 4. AO Spine Asia pacific fellowship in complex spine deformity surgeries-1 month (Jan-Feb 2020)

5.

PAPER PRESENTATIONS

- **Phalak M**. Paediatric post traumatic hydrocephalus- an apex centre experience. ISPN 2018, Tel aviv, Israel
- **Phalak M.** Role of DTI tract shift in supratentorial brain surgery. (Free paper) 65th annual conference of Neurological Society of India, Chennai Dec 2016.

- Kale SS, **Phalak M.** Management of vertebral body tumors of dorsal spine- an Indian tertiary care centre experience. 7th Japan India Neurosurgical Conference. June 2016, Osaka, Japan.
- Kale SS, **Phalak M**. Neurological recovery following surgical correction of severe syndromic cervical kyphosis- a short series of 3 cases. ICCNS, Mumbai
- **Phalak M**, Basheer N, Suri A, Mahapatra AK. Intraspinal Meningioma of the first two decades of life: An institutional experience of seven cases. (poster presentation at The 5th Japan- India Neurosurgical conference 2012, Osaka, Japan)

PUBLICATIONS (First Author- 8, Corresponding Author- 17, total : 45)

- Sharma R, **Phalak M**, Katiyar V, Borkar SA, Kale SS, Mahapatra Ak. Microvascular Decompression versus Stereotactic Radiosurgery as primary treatment modality for trigeminal neuralgia: A Systematic Review and Meta-analysis of prospective comparative trials. Neurology India. Neurology India. 2018 Jan 5;66(3):688.
- Panda S, **Phalak M**, Thakar A, Dharanipathy S. Cerebrospinal Fluid Leak in Juvenile Nasopharyngeal Angiofibroma—Rare Sequelae of Flutamide-Induced Tumor Shrinkage. World neurosurgery. 2018 Dec 1;120:78-81.
- Bindu B, Mitra R, Singh GP, **Phalak M**. New onset persistent refractory hypertension after medulloblastoma excision in children—an indicator of poor prognosis: A case series. Journal of pediatric neurosciences. 2018 Jul;13(3):337.
- Sharma R, **Phalak M**, Sharma P. Letter to the Editor. Is the serum glucose/potassium ratio a reliable prognostic factor for aneurysmal SAH?. Journal of neurosurgery. 2018 Oct 1;129(4):1098-9.
- Sharma R, **Phalak M**, Tandon V, Mahapatra AK. Letter to the Editor. Long term efficacy of ETV and shunt surgery for management of hydrocephalus. Journal of Neurosurgery: Pediatrics. 2018 Jan 1;21(1):94-5
- **Phalak M**, Das S, Singh M, Sharma BS. Unusual cause of lumbar canal stenosis in 8th decade of life Spinal epidural lipomatosis. Journal of Craniovertebral Junction and Spine 2017;8(4):382-3
- Kakkar A, Suri V, Jha P, Srivastava A, Sharma V, Pathak P, Sharma MC, Sharma MS, Kale SS, Chosdol K, **Phalak M.** Loss of heterozygosity on chromosome 10q in glioblastomas, and its association with other genetic alterations and survival in Indian patients. Neurology India. 2011 Mar 1;59(2):254.
- **Phalak M**, Tandon V, Mahapatra A. Pan-meningiomatosis in an operated case of cerebellopontine angle meningioma. Neurology India. 2011 Jul 1;59(4):652-.

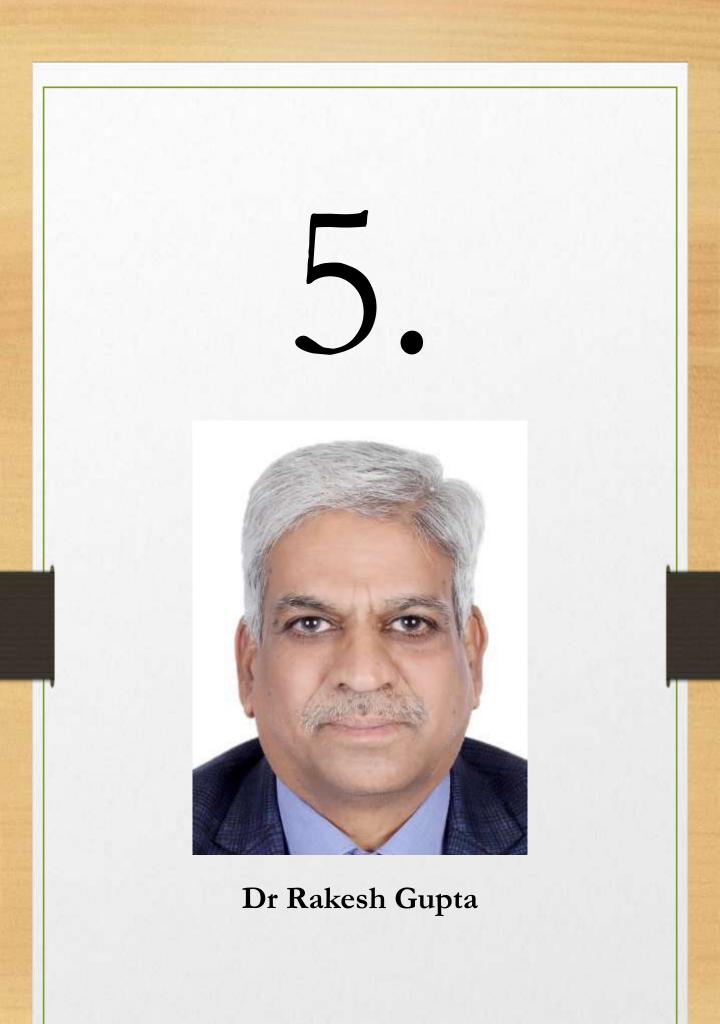
- Rajeshwari M, Subramanian P, Suri V, Nambirajan A, Garg A, Vibha D, **Phalak M**, Sharma MC. Metastatic lesions of atrial myxoma. A pathologist can clinch them all. Neuropathology. 2020 Jun;40(3):295-301. doi: 10.1111/neup.12640. Epub 2020 Mar 30. PMID: 32232866.
- Koyalmantham V, Kale SS, Devarajan LJ, Phalak M, Chandra PS, Suri A, Kumar R, Tandon V. Patient Outcomes Following Obliteration of Spinal Dural Arteriovenous Fistula and the Role of Indocyanine Green Angiography Videoangiography (ICG-VA) During Surgery. Neurol India. 2020 Jan-Feb;68(1):118-123. doi: 10.4103/0028-3886.279705. PMID: 32129260.
- Sharma R, Garg K, **Phalak M**, Tandon V, Kumari K, Suri V, Suri A, Garg A, Kale SS, Mahapatra AK. Aspergilloma Masquerading as Meningioma: An Experience of Two Cases and Review of Literature. Neurol India. 2019 Jul-Aug;67(4):1133-1136. doi: 10.4103/0028-3886.266244. PMID: 31512657.
- Bindu B, Mitra R, Singh GP, **Phalak M**. New Onset Persistent Refractory Hypertension after Medulloblastoma Excision in Children-An Indicator of Poor Prognosis: A Case Series. J Pediatr Neurosci. 2018 Jul-Sep;13(3):337-339. doi: 10.4103/JPN.JPN_127_17. PMID: 30271469; PMCID: PMC6144605.
- Panda S, **Phalak M**, Thakar A, Dharanipathy S. Cerebrospinal Fluid Leak in Juvenile Nasopharyngeal Angiofibroma-Rare Sequelae of Flutamide-Induced Tumor Shrinkage. World Neurosurg. 2018 Dec;120:78-81. doi: 10.1016/j.wneu.2018.07.288. Epub 2018 Aug 9. PMID: 30099189.
- **Phalak M,** Kale SS. Tuberculosis of the thoracic spine When and how to operate. Current Practices in Neurosciences, Neurology India. SEPTEMBER 2019 VOLUME 1, ISSUE 5

<u>CHAPTERS (published -2, under publication- 2)</u>

 Gupta D, Phalak M. An elderly patient with sudden severe pain of thoracic spine. In: Deopujari C, Muthukumar N, Behari S, Rajshekhar V, editors. Practical Neurosurgery: An Analysis of Clinical Cases. Ist ed. Thieme publishers I am deeply grateful for the mentorship of esteemed pediatric neurosurgeons in India, including Prof. A. K. Mahapatra and Prof. Deepak Gupta, who have shaped my career. At AIIMS, New Delhi, I actively contribute to patient care, teaching, and research. I am an integral part of the Pediatric Neuro-oncology tumor board and run a dedicated spine clinic for spinal deformities (including congenital). Furthermore, I am committed to training and mentoring future generations of neurosurgeons through our ongoing dedicated fellowship program. My academic achievements include receiving the INDSPN Travelling Fellowship to Israel in 2018, as well as an award for a paper presentation in 2019.

If elected, my priorities will be:

- 1. **Developing multidisciplinary groups** to focus on diseases requiring a collaborative approach.
- 2. Fostering collaboration and multicentric research initiatives to advance the field of pediatric neurosurgery.
- 3. Strengthening the training of future fellows with more focused short-term activities and enhanced mentorship opportunities.
- 4. Advocating to raise public awareness of pediatric neurological disorders to improve early diagnosis and access to care.



Dr.Rakesh Gupta

M..S.(1988 - MGMMC Indore),

M.Ch.(1993 - AIIMS, New Delhi),

M.B.A.(2014 - DAVV Indore).

Present Position:Professor and Head - Department of NeurosurgeryM.G.M. Medical College and M.Y. Group of Hospitals Indore.(M.P.)

Publications : - 23 publications in national and international journals.

Presentations : - 63 presentations in national and international conferences.

<u>Conferences and CME</u> - 127 national and international conferences and CME attended

<u>Awards</u>: - 7 best paper awards in National Neurotrauma, paediatric Neurosurgery , and National Spine surgery conferences.

Teaching Activity – Instrumental in starting DNB (Neurosurgery) course at choithram Hospital in 2000.

Instrumental in starting M.Ch.(Neurosurgery) course in SAIMS Indore in 2011 and at

M.G.M.Medical College Indore in 2020.

Life Member :

Indian Medical Association

Association of Surgeons of India

Neurological Society of India,

Neurological Surgeons Society of India,

Neurotrauma Society of india,

Indian society of Paediatric Neurosurgery

NeuroSpine SurgeonsAssociation

Neuro Endoscopy Society Of India

Neuro Society of Indore.

M.P. Neuro scientists Association. Asian Congress of NeuroSurgeons,

Asia-ocean congress of skull base surgery,

Positions held in various organizations:

Member Board of Education NSI 2024-27

Vice President – Alumni Association of M.G.M.Medical College Indore.2024-26.

Founder member and clinical secretary Neuroclub Indore 1995.

Secretary Neuro club Indore 2004-2006.

President Neuroclub Indore - 2011-2013.

Founder Member M.P.-C.G. neurosciences association.

President of M.P.-CG Neuroscientists Association 2019 -2021.

National Executive committee member - Neuro Spinal Surgeons Association (2019-2022)

Organised international Spine conference SPINE2010 at Indore in the year 2010.

Organised Cadaver workshops at SAIMS Medical college& P G Instute, Indore in 2010 and 2013.

Organised M.P.C.G. Neurocon in 2018 at Ujjain.

Organised Annual conference of Indian Society for pediatric Neurosurgery February 2023. Indore.

<u>University Examiner</u> for M.Ch. Exam: 1. Devi Ahilya Vishvavidyalaya Indore.

2. MadhyaPradesh Medical Science University, Jabalpur (M.P.)

3.D Y Patil University , Pune. Maharashtra.

4. Sumandeep Vidya peeth, vadodara.Gujrat

My Contribution towards Pediatric Neurosurgery

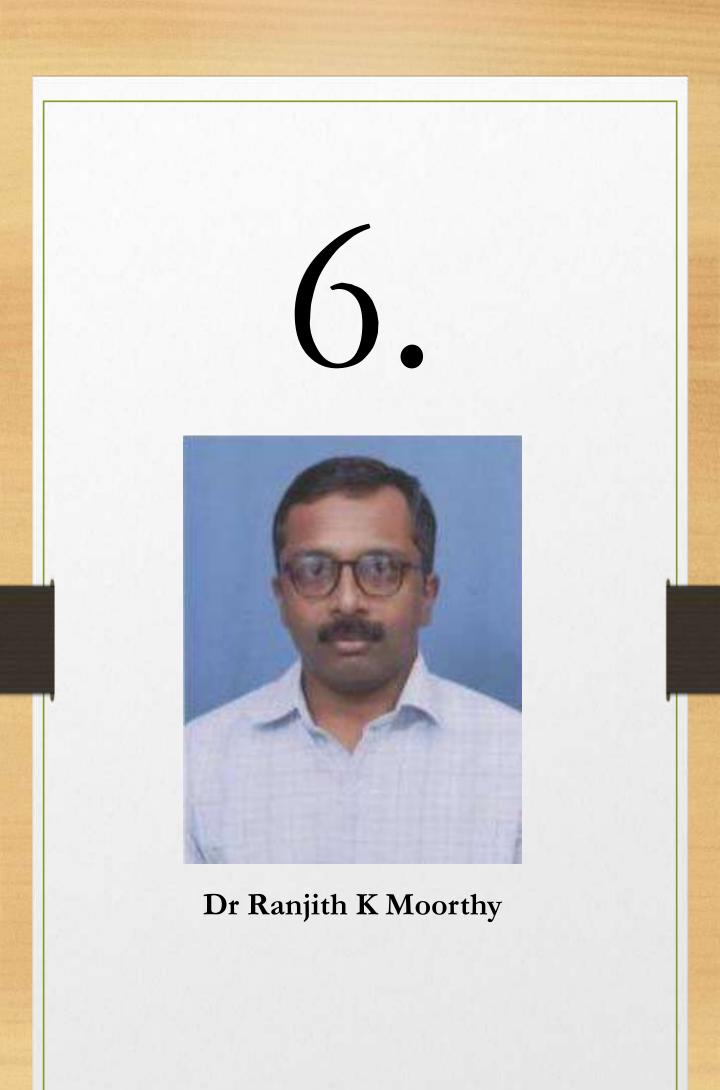
During my residency at AIIMS, I had the opportunity to work under one of the leading pediatric Neurosurgeon of the country Prof. A.K. Mahapatra. I developed interest in pediatric Neurosurgery since then .

I won first prize during INDSPNCON at Mumbai in 2000 for my paper on "Tethered Cord Syndrome".

I am regularly attending Annual meetings of the society including international ISPN meeting at Goa in 2012.

I have 7 publications on vearious topics related to pediatric Neurosurgery.

I was <u>Organising President</u> of the 33'rd Annual conference of Indian Society for pediatric Neurosurgery <u>(INDSPNCON 23)</u> at Indore in February 2023.



CURRICULUM VITAE

Name: Ranjith K Moorthy

Designation: Professor, Neurosurgery Unit II

Address: Department of Neurological Sciences

Christian Medical College Vellore – Ranipet Campus

Kilminnal Village, Pincode - 632517

Phone: 04172-224885; 04172-224882

Email: ranjith@cmcvellore.ac.in

Personal Details

Date of birth : 12 May 1974

Sex : Male

Nationality : Indian

Educational Qualifications

School

Completed the Senior Secondary Class XII (Central Board of Secondary Education

syllabus) in 1991 from P S Senior Secondary School, Mylapore, Chennai – 600004.

University (Tamilnadu Dr. M.G.R. Medical Univerity, Chennai)

M B B S (Bachelor of Medicine and Surgery) from Christian Medical College, Vellore – 632002, 1991-1996.

M Ch (5 year Neurosurgery) from Christian Medical College, Vellore – 632002, 1998-2003.

Diplomate in National Board of Examinations (Neurosurgery), 2004.

Positions held

Christian Medical College Students' Association

Curriculum Secretary – 1993-1994

Curriculum Chairman – 1994-1995

Academic Awards

- 1. Department of Biotechnology Scholarship 1991-1994
- 2. Best Outgoing Student in M B B S, 1996
- 3. Dr. K G Koshy Prize in Internship, 1996-97

Membership of Professional Societies

Neurological Society of India (No: MNS-083)

Indian Society for Stereotactic and Functional Neurosurgery

Professional Work Experience

1996 February – 1997 January – Compulsory rotation internship (General Medicine,
General Surgery, Obstetrics & Gynaecology, Community Medicine) at Christian Medical
College Hospital, Vellore
1997 February - 1998 January – Non PG Registrar in Dept. of Neurological Sciences,
Christian Medical College Hospital, Vellore
1998 January – 2003 January – Postgraduate Resident in Neurosurgery , Dept. of
Neurological Sciences, Christian Medical College Hospital, Vellore
2003 March – to date – Working as faculty in the Dept. of Neurological Sciences,
Christian Medical College Hospital, Vellore

Publications in journals

- Moorthy RK, Rajshekhar V. Management of hydrocephalus associated with occipital encephalocoele using endoscopic third ventriculostomy: Report of two cases. Surg Neurol 2002; 57:351-355.
- Moorthy RK, Daniel RT, Rajshekhar V. Skull base chondroblastoma: A case report. Neurol India 2002; 50:534-536.
- Moorthy RK, Rajshekhar V. Isolated ring-enhancing lesion of the brainstem in a patient with cyanotic heart disease: role of stereotactic intervention. Neurol India 2003; 51:404-406.
- Moorthy RK, Rajshekhar V. Development of glioblastoma multiforme following traumatic cerebral contusion: Case report and review of literature. Surg Neurol 2004; 61:180-184.
- Chacko AG, Moorthy RK, Chandy MJ. The transpedicular approach in the management of thoracic spine tuberculosis: a short-term follow up study. Spine 2004; 29:E363-367.
- Moorthy RK, Arunkumar MJ, Rajshekhar V. Uninstrumented ventral surgery for subaxial cervical spine tuberculosis: clinical and radiological outcome. Br J Neurosurg 2004; 18:584-589.
- 7. **Moorthy RK**, Bhattacharji S, Thayumanasamy G, Rajshekhar V. Quantitative changes in gait parameters after central corpectomy for cervical spondylotic myelopathy. J Neurosurg Spine 2005; 2:418-424.
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- 23. Nair S, **Moorthy RK**, Nair BR, Joseph M. Bilateral papillary dilatation with normal intracranial pressure. Indian J Crit Care Med 2014; 18: 184-185.
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- 25. Revanappa KK, Moorthy RK, Jeyaseelan V, Rajshekhar V. Modification of Nurick scale and Japanese Orthopedic Association score for Indian population with cervical spondylotic myelopathy. Neurol India 2015; 63: 24-29.
- 26. **Moorthy RK**, Rajshekhar V. Stereotactic radiosurgery for intracranial arteriovenous malformations: A review. Neurol India 2015; 63:841-851.
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- 30. John S, Moorthy RK, Sebastian T, Rajshekhar V. Evaluation of hand function in healthy individuals and patients undergoing uninstrumented central corpectomy for cervical spondylotic myelopathy using nine-hole peg test. Neurol India. 2017;65:1025-1030.

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- 36. George T, Moorthy RK, Rajshekhar V. Long tunnel external ventricular drain: an adjunct in the management of patients with infection associated hydrocephalus. Br J Neurosurg. 2019;33:659-663.
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- 42. Panicker R, **Moorthy RK**, Rupa V. Unusual complications of bone wax at the skull base. J Laryngol Otol. 2021;135:217-223.
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- 46. Rufus P, Moorthy RK, Joseph M, Rajshekhar V. Post Traumatic Hydrocephalus: Incidence, Pathophysiology and Outcomes. Neurol India. 2021;69(Supplement):S420-S428.
- 47. Hephzibah A, Pandey SK, Rupa V, Moorthy RK, Rajshekhar V. Changes in pattern of presentation of patients with unilateral vestibular schwannoma over two decades: Influence of cell phone use in early diagnosis. J Clin Neurosci. 2021;94:102-106.
- 48. Vasudevan P, **Moorthy RK**, Rebekah G, Jackson E, Pamela BE, Thamizhmaran S, Manoj J, Thanigachalam A, Drevets D, Carabin H, Rajshekhar V. Imaging

correlates of serum enzyme-linked immunoelectrotransfer blot (EITB) positivity in patients with parenchymal neurocysticercosis: results from 521 patients. Trans R Soc Trop Med Hyg. 2022;116:117-123.

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- Abraham AP, Rima S, Moorthy RK. Adenocarcinoma Lung Presenting as Synchronous third Ventricular Metastatic Lesion. Neurol India. 2022;70:1744-1745.
- 51. Gandham EJ, Goyal-Honavar A, Beno D, Pai R, Balakrishan R, Jasper A, Gowri M, Moorthy RK, Chacko AG, Chacko G. Impact of Grade on Survival in Pleomorphic Xanthoastrocytoma and Low Prevalence of BRAF V600E Mutation. World Neurosurg. 2022;164:e922-e928.
- 52. Nair BR, Ganesh S, Moorthy RK, Rajshekhar V. Risk Factors for Postoperative Brain Contusion and Early Outcomes in Patients with Anterior Skull Base Meningiomas Undergoing Unifrontal Surgery: Single Center Experience with 110 Patients. Neurol India. 2022;70:2053-2058.
- 53. Reji KK, Abraham AP, Joseph M, Mannam P, Moorthy RK. Quadriplegia following Isolated Traumatic Brain Injury: A Rare Presentation of a Common Event. Neurol India. 2023;71:1048-1049.
- 54. Ganesh S, Jasper A, Backianathan S, Moorthy RK, Balakrishnan R, Sebastian P, Moses V, Godson HF, Keshava SN, Rajshekhar V. Correlation Between Post-Radiosurgery Perinidal Hyperintensity and AVM Obliteration Following LINAC-Based Stereotactic Radiosurgery. World Neurosurg. 2023;178:e189-e201.
- 55. Pamela BE, Thamizhmaran S, Manoj J, Thanigachalam A, Carabin H, Prabhakaran V, Moorthy RK, Oommen A, Drevets DA, Rajshekhar V. Correlation between Monocyte Gene Expression and Inflammation on Brain Imaging in Patients with Solitary Cerebral Cysticercus Granuloma. Am J Trop Med Hyg 2023;109:992-998.
- 56. Thakkar K, **Moorthy RK**, Yadav B, George SE, Singh G. Effect of administration of tranexamic acid on blood loss and transfusion requirements in

children undergoing posterior fossa tumor excision: a retrospective cohort study. Childs Nerv Syst. 2023;39:877-886.

- 57. Pamela BE, Thamizhmaran S, Jackson E, Vasudevan P, Moorthy RK, Manoj J, Thanigachalam A, Drevets DA, Carabin H, Oommen A, Rajshekhar V. Serum Proteomic Predictors of Calcification of Solitary Cysticercus Granuloma. Am J Trop Med Hyg 2024;111:1015-1019.
- 58. Abraham AP, Manesh A, Regi S, Michael JS, Kumar RH, Thomas M, Cherian LM, Varghese L, Kurien R, Moorthy RK, Nair BR, Rajshekhar V, Rupa V. Pott's puffy tumor: An unusual complication of rhino-orbito-cerebral mucormycosis. World Neurosurg X 2024;23:100387.
- 59. Pamela BE, Patole C, Thamizhmaran S, Moorthy RK, Manoj J, Thanigachalam A, Hocker JRS, Drevets DA, Oommen A, Rajshekhar V, Carabin H, Vasudevan P. Mass Spectrometry Identifies Taenia solium Proteins in Sera of Patients With and Without Parenchymal Neurocysticercosis. Parasite Immunol 2024 ;46:e13058.
- 60. Peeran SRH, Abraham AP, Moorthy RK. Infection of Cranioplasty Flap Following a Hair Transplant Presenting as an Epidural and Subgaleal Abscess. Dermatol Surg. 2024;50:977-979.
- 61. Prabhakar P, Mariappan R, Moorthy RK, Nair BR, Karuppusami R, Lionel KR. Adding Ketamine to Epidural Morphine Does Not Prolong Postoperative Analgesia After Lumbar Laminectomy or Discectomy. J Neurosurg Anesthesiol. 2024;36:244-251.

Chapters in books

- 1. **Moorthy RK**, Rajshekhar V. Brain stem gliomas: Stereotactic biopsy and radiotherapy in Indian Clinical Neurosurgery, Vol. 2, 2nd Edition, 2001.
- Joseph M, Moorthy RK. Tumours of the central nervous system in Progressive general practice Cycle 5 Part II - Oncology, CME department, CMC Vellore 2005; 4: 50-53.

Conferences/CME programmes attended

2001

1. International Symposium on pituitary disorders, Vellore, February 2-3.

2. Workshop on Early Management of Trauma, Vellore, April 5-7.

3. 50th Annual conference of Neurological Society of India, Mumbai

December 15-18. Presented paper titled:

Moorthy RK, Rajshekar V, Faith R, Haran RP, Chacko AG, John S, Vishwanathan PN, Ravindran P, Singh RR, Brindha S. Dose response relationship for intracranial

arteriovenous malformations treated with stereotactic radiosurgery: A retrospective study.

2002

1. Neuropedicon 2002, 13th Indian and International conference of Paediatric Neurosurgery, Bangalore, November 1-3.

2. 51st Annual Conference of Neurological Society of India, Cochin, December 14-17.
 Presented paper titled:

Moorthy RK, Chacko AG, Chandy MJ. The transpedicular approach in the management of thoracic spine tuberculosis.

2003

52nd Annual Conference of Neurological Society of India, Chandigarh, December 14- 17. Presented paper titled:

Moorthy RK, Ganesh T, Bhattacharjee S, Rajshekhar V. Quantitative analysis of gait parameters in patients undergoing central corpectomy for cervical spondylotic myelopathy.

2005

1. International workshop in stem cell research, Vellore, June 29-30. Presentation in Idea Forum section on : Stem cells in traumatic brain injury

2. Annual Conference of Indian Society for Stereotactic and Functional Neurosurgery, New Delhi, November 6-7. Presented paper titled:

Memory and new learning ability following stereotaxy guided transcortical resection of anterior third ventricular colloid cysts

2006

1. International Symposium on Stem cell therapy and research, Chennai January 6.

2. Indo-Danish Joint Workshop on stem cell research, NCBS, Bangalore February 21-22. Presentation on Stem cells in traumatic brain injury.

2007

1. Preconference visit to National Brain Research Centre, Manesar February 14-15.

2. 4th South Asian Neurosurgical Congress, New Delhi, February 16-18.

Presented paper titled:

Changes in cervical spine curvature following occipitocervical fusion in children with developmental craniovertebral junction anomalies.

3.75th Annual meeting of the American Association of Neurological Surgeons,

Washington DC, April 15 to 18. Presented poster titled:

Dose response relationship for intracranial paediatric arteriovenous malformations

treated with stereotactic radiosurgery: A retrospective study

2008

Faculty member, Early Management of Trauma Workshop, Vellore, March 13-15.

57th Annual meeting of the Neurological Society of India, Pune December 17-20. Presented a CME lecture titled : Experimental stem cell therapy in acquired neurological illnesses: Current status **2009**

7th Annual meeting of the International Society for Stem Cell Research, Barcelona, Spain,

July 8-11. Presented poster titled:

Intralesional transplant of mesenchymal stem cells in a rodent model of cold induced brain injury.

2010

Annual Meeting of the Indian Society for Paediatric Neurosurgery, Hyderabad,

November. Presented a CME lecture titled: Management of intracranial granuloma.

2011

Biennial meeting of the Indian Society for Stereotactic and Functional Neurosurgery,

Chennai. Presented paper titled: Outcomes following stereotactic radiosurgery for pediatric arteriovenous malformations.

2014

Annual meeting of Neurological Society of India, Coimbatore.

Presented paper titled: CSF procalcitonin in patients with post neurosurgical meningitis.

2016

1. Annual meeting of Indian Society for Paediatric Neurosurgery, October 1-3, Bengaluru Presented paper titled: Outcomes at short term follow up after indirect vascularization for Moyamoya disease.

2. Invited talk titled "Intracranial tumours" in CNE on Neurological emergencies: Nurse's role organized at CMC, Vellore.

2017

Annual meeting of Neurological Society of India, Nagpur. Presented paper titled: Validation of the Zurich Claudication questionnaire in patients presenting with lower back pain and lower limb radicular symptoms

2018

Annual meeting of Indian Society for Paediatric Neurosurgery, Hyderabad. Presented paper titled: Outcomes following Ommaya reservoir placement for cystic craniopharyngioma.

2019

Annual meeting of Indian Society of Neuro-Oncology, Bhopal. Presented paper titled: Utility of Interval Imaging During Focused Radiation Therapy for Residual Cystic Craniopharyngiomas.

Faculty at the TANS Annual teaching course for Residents, Thanjavur.

Annual meeting of Skull Base Society of India, Coimbatore. Invited talk on Complication avoidance in management of Vestibular schwannoma

2020

Organizing Secretary, Annual meeting (Virtual) of Indian Society of Neuro-Oncology, Vellore

Invited Talk on Lateral ventricular tumours in children, NSI Webinar series

2022

Annual meeting of Indian Society of Paediatric Neurosurgery, Bangalore. Invited talk on Management of intramedulary tumours in children. Annual meeting of Indian Society of Neuro-Oncology, Gurugram. Invited talk on Summary of management of paediatric gliomas

Annual meeting of Skull Base Surgery Society of India, Bangalore. Invited talk on Planned subtotal excision of vestibular schwannoma

2023

Midterm INDSPN CME and ISPN course, Vellore. Talk on Complications related to infected VP shunts.

2024

NeuroSign CME in Neurosurgery, Hyderabad as Invited faculty.

Annual meeting of Indian Society of Paediatric Neurosurgery, Shillong. Invited talk on Aspiration Vs Excision of brain abscess.

NoAL conference and CME on Lesioning in functional neurosurgery, Bangalore. Annual Superspeciality CME of Neurological Society of India, Vishakapatnam. Invited talks on Radiosurgery for large AVMs and Percutaneous techniques for Trigeminal Neuralgia.

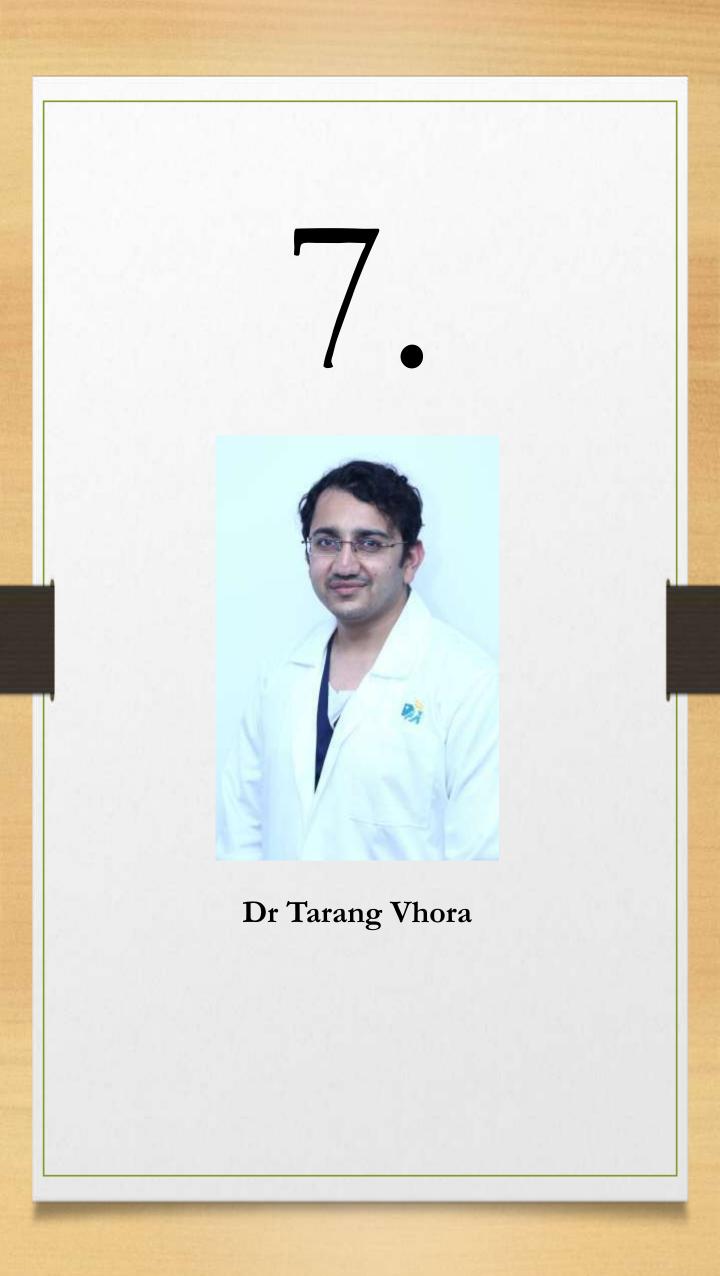
Annual meeting of Society for Intraoperative Neurophysiology, Chandigarh. Invited talk on Bulbocavernous reflex monitoring in tethered cord.

Contribution to Paediatric Neurosurgery

I have been interested in the Paediatric Neurosurgery since the time of my joining as a consultant neurosurgeon at Christian Medical College, Vellore in 2003. At present my surgical practice is 40% devoted entirely to paediatric patients with specific interest being Neuro-oncology and Spinal dysraphism. We have been running a multidisciplinary clinic for patients with spinal dysraphism in our institution since September 2024 under the leadership of our Neurosurgical unit. I am the course coordinator for the Paediatric Neurosurgery fellowship at our institution. Over the years I have 12 publications in Paediatric Neurosurgery in peer reviewed journals on various aspects, that account for 25% of all my publications. I have been attending the Annual meeting of Indian Society for Paediatric Neurosurgery regularly for the past few years. I was also involved in the organization of the ISPN CME course and midterm INDSPN CME at Christian Medical College, Vellore in 2023.

Ranjith K Moorthy

Professor & Head, Neurosurgery Unit 2 Dept. of Neurological Sciences Christian Medical College, Vellore Ranipet campus, Pincode: 632517



CURRICULUM VITAE

NAME:

BIRTH DATE: LANGUAGES KNOWN: CURRENT DESIGNATION:

NEUROSUGICAL EXPERIENCE: CONTACT DETAIL:



TARANG KAMALKISHORE VORA

5 APRIL 1988. (AGE- 35 YEARS) English, Gujarati, Marwari, Hindi, Marathi, Malayalam, CONSULTANT PEDIATRIC & EPILEPSY NEUROSURGEON (SINCE SEPTEMBER 2021) APOLLO HOSPITAL, JUBILEE HILLS, HYDERABAD 11 YEARS

dr.tarangvora@gmail.com, +91 7736258593

QUALIFICATIONS:

M.B.B.S.	Mahatma Gandhi Mission's Medical College, Aurangabad	2011
M.R.C.S.	Royal College of Surgeons, Edinburgh	2017
DNB (6 years) (Neurosurgery)	Medical Trust Hospital, Kochi(National Board of Examinations, New Delhi)	2018
Fellow in Craniovertebral Junction and Spine Surgery	Seth GS Medical College, KEM Hospital, Mumbai, India	2019
Fellow in <i>Pediatric Neurosurgery</i>	Christian Medical College and Hospital, Vellore, India	2020
F.R.C.S. (Neurological Surgery) Part 1	Joint Surgical Colleges Fellowship, Royal College of Surgeons.	2020
Fellow in <i>Pediatric Neurosurgery</i>	All India Institute of Medical Sciences, New Delhi	2021
Training in Neuro Endoscopy	NSCB Medical College, Jabalpur	2022
Fellow in Epilepsy Surgery	Claudio Munari Centre for Epilepsy, Milan, Italy	2023
Fellow in <i>Functional</i> Neurosurgery	Carlo Besta Neurological Institute, Milan, Italy	2023

NEUROSURGICAL TRAINING EXPERIENCE:

INTERN	Seth GS Medical College, KEM Hospital,Mumbai, India	Mar. 2011 to Jun. 2012
VISITING INTERN	Department of Neurosciences, University of Alabama, Birmingham, United States of	May. 2011 to
(CLINICAL ELECTIVE)	America (USA).	Jul. 2011
JUNIOR RESIDENT	Dept. of Neurosurgery, Medical Trust Hospital,Kochi, Kerala, India	May. 2013 to May. 2015
SENIOR RESIDENT	Dept. of Neurosurgery, Medical TrustHospital, Kochi, Kerala, India	May. 2015 to May. 2019
VISITING RESIDENT	Dept. of Neurosurgery, National Institute of MentalHealth and Neurosciences (NIMHANS), Bangalore	Aug. 2018 to Oct. 2018
TRAINEE FOR	All India Institute of	Dec. 2018
MICROVASCULAR	MedicalSciences(AIIMS),	to
ANASTOMOSIS	New Delhi	Jan 2019
FELLOW CRANIO	Seth GS Medical College, KEM	June 2019
VERTEBRAL JUNCTION SURGERY	Hospital,Mumbai, India	to July 2019
FELLOW PEDIATRIC	Christian Medical College and	July 2019
NEUROSURGERY	Hospital, Vellore, India	to
		July 2020
FELLOW PEDIATRIC	All India Institute of	Aug 2020
NEUROSURGERY	MedicalSciences(AIIMS),	to
	New Delhi	July 2021
Training NEUROENDOSCOPY	Netaji Subhash Chandra Bose Govt. Medical College, Jabalpur	May 2022
FELLOW	C. Munari Centre for Epilepsy Surgery	Feb 2023-
EPILPESY &	C. Besta Neurological Institute	Apr 2023
FUNCTIONAL	Milan, Italy	
NEUROSURGERY		
CONSULTANT	APOLLO JUBILEE HILLS, HYDERABAD	Sept 2021 –
PEDIATRIC		till date.
NEUROSURGEON		

MEMBER OF:

Neurological Society of India

Indian Society of Pediatric Neurosurgery

Indian Society of Peripheral Nerve Surgery

Walter Dandy Neurological Society

Indian Society of Neuro-Oncology

SCIENTIFIC PUBLICATIONS:

	Article Name	Journal	Year	DOI
1	Rare Case of Bilateral Vertebral	World	2013	https://doi.org/10.1016/j.wneu
-	Artery Stenosis Caused by C4-5	Neurosurgery	2010	.2012.06.022
	SpondyloticChanges Manifesting			
	with Bilateral Bow Hunter's			
	Syndrome			
2	Split Cord MalformationType 2	Journal of Spine	2015	https://doi.org/10.5005
	complicated by presence of Tuberculous arachnoiditis	Surgery		/jp-journals-10039-
	I uberculous arachnoldius			<u>1057</u>
3	Traumatic Chiasmal Syndrome: A	Neuro-	2015	https://doi.org/10.3109/01658
	Midline AxonalInjury	Ophthalmology		<u>107.2015.1071412</u>
4	Cry of the brain.	Acta	2015	https://doi.org/10.1007/s0070
_		Neurochirurgica		<u>1-015-2541-2</u>
5	Thyrotropic pituitary adenoma with		2017	http://www.neurologyindia
	plurihormonalimmunoreactivity.	Neurology India		.com/text.asp?2017/65/5/1
6		A /	2010	<u>162/214058</u> https://doi.org/10.1007/s0070
6	Intracranial pressuremonitoring in diffuse brain injury - why the	Acta	2018	1-018-3538-4
	Developing world needs itmore?	Neurochirurgica		1-010-3330-4
7	Microsurgical Technique ofEnd	YouTube Video	2019	https://youtu.be/fXn9zBPRx
,	to End Anastomosis.		2017	MY
8	Cranio-Vertebral Junction	Journal of	2019	https://dx.doi.org/10.1055%2
	Arachnoiditis: An Unusual Sequelae	Neurosciences in		F s-0039-1700664
	toTuberculous Meningitis	Rural Practice		
9	Early- and long-term surgical	Child Nervous	2020	https://doi.org/10.1007/s0038
	outcomes in 109 children with	System		1-020-05000-y
	lipomyelomeningocele.			
10	Co-Authored a Chapteron Split Cord	Thieme	2021	https://www.thieme.in/split
	Malformations Type 2 in book by	Publications		-cord-malformations
	Prof AK Mahapatra on Split Cord			
	Malformations			
11	Risk factors for pre-operative	Child Nervous	2021	https://doi.org/10.1007/s00
	functional deterioration in children	System		<u>381-021-05404-4</u>
10	with lipomyelomeningocele		2022	
12			2022	https://doi.org/10.3171/202
	clinical significance in 140 patients	NeuroSurgery,		2.6.PEDS2286
10	with lipomyelomeningocele.	Pediatrics	2022	1
13	Primary intracranial synovial sarcoma:	Surgical	2022	https://doi.org/10.25259%2
	A case report and review of literature	Neurology International		<u>FSNI_665_2022</u>
14	Liquid biopsy-from bench tobedside	NeuroOncology	2022	https://doi.org/10.1093/noaj
14	Equila propsy-from bench tobcasiae	Advances	2022	nl/vdac037
15	Management of Spontaneous Spinal	Indian Journal of	2023	https://doi.org/10.1055/s-
15	CSF Leaks Using Noninvasive	Neurosurgery	2023	0044-1779629
	Dynamic MR Neurography: A Case	rourosurgery		
	Series			
16		Child Nerv Sys	2024	https://link.springer.com/artic
				le/10.1007/s00381-024-
	reconstruction with 3D printed		1	
	anatomical intracranial implant for			06587-2
	anatomical intracranial implant for a child with spheno-orbital			06587-2
	anatomical intracranial implant for a child with spheno-orbital encephalocele.			
17	anatomical intracranial implant for a child with spheno-orbital encephalocele. Hemorrhagic Rathkes Cleft Cyst	Indian Journal of	2024	https://doi.org/10.4103/ijem.i
17	anatomical intracranial implant for a child with spheno-orbital encephalocele.	Indian Journal of Endocrinology and Metabolism	2024	

Respected Sir,

I am a focussed *Paediatric Neurosurgeon* in private practice since Sept 2021. Paediatric Neurosurgery is my livelihood. My contribution would be towards encouraging newer generation of sub specialist trying to practice focussed neurosurgery. I have been lucky train under giants of Paediatric Neurosurgery in India and have successfully completed 2 paediatric neurosurgery fellowships under Dr Vedantam Rajshekhar and Dr Deepak Gupta respectively. I have independently completed more than 250 paediatric neurosurgical procedures since Sept 2021 and have foregone adult neurosurgery with the aim to take forward the subspecialty. An opportunity by the members to a focussed neurosurgeon would be a humbling experience for me. I feel it would promote subspecialty based practice, increasing level of neurosurgical care in India. Of special interest to me in Paediatric neurosurgery has been spasticity surgery, implant free surgery for craniosynostosis and epilepsy surgery. I have 17 publications in reputed international journals attached with my CV.

> Thank you -Dr Tarang K. Vora Pediatric Neurosurgery



Curriculum Vitae

Dr Ved Prakash Maurya

Present Affiliation- Associate Professor, Department of Neurosurgery, Sanjay Gandhi Postgraduate Institute of Medical Sciences (SGPGIMS), Lucknow- 226014. (India). Email id: <u>vpmsurgery@gmail.com</u> Contact Number: +91- 9943039435/ +91- 8005381883 Office Landline No. +91-522-249-4959



1. Brief Resume

Dr Ved Prakash Maurya completed his undergraduate medical education and training at Sarojini Naidu Medical College (SNMC), Agra. Subsequently, he completed his postgraduate training in General Surgery at Lala Lajpat Rai Memorial Medical College, Meerut, and senior residency in Neurosurgery at Guru Teg Bahadur Hospital, New Delhi. He completed his MCh in Neurosurgery from Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER), Puducherry. After completing his Neurosurgery training, he joined Sri Manakula Vinayagar Medical College and Hospital, Puducherry, where he worked as Assistant Professor for a period of around two years. He joined the department of Neurosurgery, Sanjay Gandhi Postgraduate Institute of Medical Sciences (SGPGIMS) as an Assistant Professor in June 2018 and currently affiliated with this premier institute of northern India. His areas of interest include, paediatric neurosurgery, neuro-oncology, cerebrovascular surgery, neuro-traumatology as well as research and scientific writing. He is actively involved in the research on cerebral aneurysms and microparticle in neurotrauma through research support from the Indian Council of Medical Research (ICMR). He has received intramural grants for Craniopharyngioma and Spinal dysraphism, and the studies are in their final stage. He has collaborative research on Glioblastoma stem cells and microvascular anastomosis with the department of Molecular Medicine and Biotechnology. He has published more than 50 Research Papers in peer reviewed journals, written 44 textbook chapters and co-edited three (03) Textbooks of Neurosurgery. He serves as a Section Editor (Paediatric Neurosurgery and Neurotrauma) for Neurology India, the official journal of Neurological Society of India; and is

a reviewer of several reputed journal in the field of Neurosurgery. He has delivered several invited lectures and participated as faculty in workshops on the national forum. He is the recipient of numerous awards, including the Best Paper Award in Asian Australasian Society of Neurological Surgeons- Neurotrauma (AASNS-NT) 2018, Clinical fellowship in Neurosurgery at Fukushima Medical University, Japan, 2019, Best Research Paper Award (Surgical Category) as Assistant Professor (SGPGIMS) 2021 and as Associate Professor (SGPGIMS) 2023, Internal membership of American Association of Neurological Surgeons (AANS), in 2021.

2. Professional Qualifications and Experience

Year	Degree(s)	Institute & Location
2007	MBBS	S.N. Medical College- Agra
2012	M.S. (General Surgery)	L.L.R.M. Medical College- Meerut
2016	M. Ch- Neurosurgery	JIPMER- Puducherry

Professional Qualifications

Experience

Duration	Designation	Institute & Location
October 2016- June 2018	Assistant Professor	Sri Manakula Vinayagar Medical College and Hospital, Puducherry
August 2016- October 2016	Fellowship in Micro neurosurgery	K.E.M. Hospital, Mumbai
June 2019- July 2019	Clinical fellowship in Paediatric Neurosurgery and Skull Base Surgery	Fukushima Medical University, Japan

July 2021	Faculty/ Instructor in ATLS	American College of	
		Surgeons Committee on	
		Trauma, KGMU- Lucknow	
May 2023	Cerebrovascular and Skull	Far East Brain Neurosurgery Institute- Sapporo Teishinkai	
	Base Surgery fellowship		
		Hospital, Sapporo- Japan	
April 2024	Cerebrovascular and Skull	Arkansas Neuroscience	
Base Observership	Base Observership	Institute, Little Rock, United	
		States.	

3. Awards And Honours

- Received First Prize in Best Paper Award Category in Asian Australasian Society of Neurological Surgeons- Neurotrauma committee (AASNS-NT), held in Chandigarh (India) on 18-19th November 2018.
- 2. Selected as Faculty/ Instructor in ATLS, India as per recommendations of ACS Committee on Trauma, in July 2021.
- 3. Awarded Internal Membership of American Association of Neurological Surgeons (AANS), in August 2021.
- Received Best Research Paper Award (Surgical Category) as Assistant Professor for the year 2021 on 2nd Research Day (13th December 2021) in Sanjay Gandhi Postgraduate Institute of Medical Sciences (SGPGIMS), Lucknow.
- Appointed as an external expert in the interview board for the selection of Tutor, Assistant Professor and Associate Professor in Nursing College of Uttar Pradesh during 13th to 16th July 2022.
- Second Best Poster Presentation Award (Corresponding Author) in 28th UP-UK NEUROCON 2022, BHU, Varanasi, 9th- 10th October 2022.
- 7. Reviewer of Indexed Journals such as Neurology India, Indian Journal of Neurosurgery, Journal of Clinical Neurosciences and World Neurosurgery.
- Selected as Section Editor (Paediatric Neurosurgery and Neurotrauma) of Neurology India, the official Journal of Neurological Society of India, April 2023.

- Recognised as a Teacher for the Indian Society of Paediatric Neurosurgery Virtual Classroom for paediatric neurosurgery curriculum for trainees/ residents on "Biomechanics of Paediatric CVJ and its Applied Aspects" on 27th August and 08th October 2023.
- 10. Received Best Research Paper Award (Surgical Category) as Associate Professor for the year 2023 on 4th Research Day Celebration (13th December 2023) in Sanjay Gandhi Postgraduate Institute of Medical Sciences (SGPGIMS), Lucknow.

Title	Funding Agency	Grant amount	DurationandDate of start
Establishment of Microparticle as a liquid biopsy tool for post- traumatic stress disorders (PTSD).	Extramural [Indian Council of Medical Research] (ICMR)	53,83,204/- INR	3 years, March 2022.
Clinico- radiological, Urodynamic outcome and metabolic effects of surgical detethering in patients of spinal dysraphism- a prospective study.	<u>Intramural</u> [SGPGIMS- Lucknow]	5,00,000/- INR	2 years, December 2020 (Data under analysis)
Clinico-radiological and Immuno- histopathological characterization of craniopharyngioma for risk stratification and	<u>Intramural</u> [SGPGIMS- Lucknow]	4,47,000/- INR	2 years, December 2021 (Data under analysis)

4. Ongoing Research Projects

development of a prognostic model.			
Vessel wall anastomosis by interrupted versus continuous suturing technique- an experimental study. (Animal Study)	<u>Self-funded</u>		2 years, May 2023.
Targeting of glioblastoma stem cells through modulation of mitochondrial mechanisms for developing effective therapeutic approaches.	<u>Intramural</u> [SGPGIMS- Lucknow]	5,00,000/- INR	2 years, December 2020 (Data under analysis)

5. Membership of Neurosurgical Society:

- 1. Life member of Indian Society of Pediatric Neurosurgery (INDSPN)
- 2. International Society for Paediatric Neurosurgery (ISPN)
- 3. Life member of Neurological Surgeons' Society of India (NSSI)
- 4. American Association of Neurological Surgeons (AANS)
- 5. Congress of Neurological Surgeons (CNS)
- 6. Skull Base Surgery Society of India (SBSS)
- 7. Life member of Neurology India (NI)
- 8. Life Member of Cerebrovascular Society of India (CVSI)

6. Reviewer of Indexed Neurosurgical Journals:

- 1. Indian Journal of Neurosurgery (IJNS)
- 2. Neurology India (NI)
- 3. Indian Journal of Neurotrauma (IJNT)

- 4. Journal of Neurosciences in Rural Practice (JNRP)
- 5. Journal of International Medical Research (JIMR)
- 6. Journal of Pediatric Neurosciences (JPN)
- 7. World Neurosurgery

7. Publications

Articles: 52

- Maurya VP, Rajappa M, Wadwekar V, Narayan SK, Barathi D, Madhugiri VS. Tethered cord syndrome- a study of the short term effects of surgical detethering on markers of neuronal injury and electrophysiologic parameters. World Neurosurgery. 2016;94:239-47.
- MN Tejus, S Vikram, RameshA, VR Roopesh Kumar, Maurya VP, Madhugiri VS. An evaluation of the finger flexion, Hoffman's and plantar reflexes as markers of cervical spinal cord compression- A comparative clinical study. Clinical Neurology & Neurosurgery. 2015;134:12- 6.
- V Subeikshanan, A Dutt, D Basu, MN Tejus, Maurya VP, VS Madhugiri. A prospective comparative clinical study of peripheral blood counts and indices in patients with primary brain tumours. Journal of Post graduate medicine. 2016;62:86-90.
- Srivastava AK, Khatri D, Bhaisora KS, Das KK, Maurya VP, Behari S. Give an Inch and Get a Mile- Simple Modification in the Pial Stay Suture Technique for Intramedullary Spinal Tumors. Neurol India. 2019;67:1082-5.
- Mehrotra A, Singh S, Kanjilal S, Pal L, Paliwal VK, Sardhara J, Verma PK, Maurya VP, Bhaisora KS, Das KK, Srivastava AK, Jaiswal AK, Behari S. Factors affecting seizure outcome in Long-term epilepsy associated tumors (LEATs) in children and young adolescents. Clin Neurol Neurosurg. 2020;197:106104. doi: 10.1016/j.clineuro.2020.106104.
- 6. Verma PK, Nangarwal B, Verma J, Dwivedi V, Mehrotra A, Das KK, Maurya VP, Bhaisora KS, Singh J, Sardhara J, Srivastava AK, Behari S, Jaiswal S, Jaiswal AK. A clinico-pathological and neuro-radiological study of angiomatous meningioma: Aggressive look with benign behaviour. Journal of Clinical Neurosciences doi: 10.1016/j.jocn.2020.11.032. Epub 2020 Dec 17.

- Maurya VP, Elangovan D, Mourougayan V, Ranjini M. Severe Spinal Infection after Vertebral Fracture Stabilization: A Narrow Escape. Indian J Neurotrauma 2020;17:139-42.
- Raiyani V, Singh S, Sardhara J, Mehrotra A, Mani V, Paliwal VK, L Pal, Kumar A, Maurya VP, Verma PK, Behari S. Seizure outcome after lesionectomy with or without concomitant anteromedial temporal lobectomy for low-grade gliomas of the medial temporal lobe. Asian J of Neurosurg 2021;16:518-24.
- Attri G, Maurya VP, Srivastava AK, Behari S, Bhaisora KS, Sardhara J, Verma PK, Nazar AH, Jaiswal S. Calvarial Lesions: A tertiary centre's experience over fifteen years. Neurol India. 2021;69:650-8.
- Maurya VP, Singh Y, Srivastava AK, Das KK, Bhaisora KS, Sardhara J, Behari S. Spinal Dermoid and Epidermoid Cyst: An Institutional Experience and Clinical Insight into the Neural Tube Closure Models. J Neurosci Rural Pract. 2021;12:495-503. Available on: https://doi.org/ 10.1055/s-0041-1724229.
- 11. Kumar A, Maurya VP, Kanjilal S, Bhaisora KS, Sardhara J, Das KK, Mehrotra A, Srivastava AK, Jaiswal AK, Behari S. Clinico radiological Features and Treatment Outcome of Supratentorial Intraparenchymal Epidermoid Cyst: A Report of Five Cases and Literature Review. J Neurosci Rural Pract. Published online 2021-05-11. Available on: https://doi.org/ 10.1055/s-0041-1730125 ISSN 0976-3147. 2021 Jul;12(3):571-580.
- 12. Singh Y, Maurya VP, Srivastava AK, Das KK, Bhaisora KS, Sardhara J, Verma PK, Mehrotra A, Jaiswal AK, Behari S, Mishra P, Agrawal S. Clinical Experience and Management Outcome of WHO Grade II Pediatric Intramedullary Ependymomas: a descriptive study. Journal of Pediatric Neurosciences doi:10.4103/jpn.JPN_2_21.
- Kumar A, Maurya VP, Singh Y, Behari S. Recurrence of symptoms on long- term follow-up following subtotal resection of ruptured intraventricular dermoid. Neurol India 2021;69:1091-3.
- 14. Kumar A, Singh S, Mehrotra A, Pal L, Kanjilal S, Katiyar S, Chaudhary N, Verma PK, Maurya VP, Das KK, Sardhara J, Bhaisora KS, Srivastava AK, Jaiswal AK, Behari S. Lesional Temporal Lobe Epilepsy: Does the "Uncommon" Differ from the Common? Indian J of Neurosurg. doi: 10.1055/s-0041-1730128. Indian Journal of Neurosurgery 2022; 11(02): 159-167

- 15. Kanjilal S, **Maurya VP**, Das KK, Verma PK, Jaiswal AK, Pal L, Behari S. Intra-fourth ventricular arachnoid cyst: The case for a direct surgical approach. doi: 10.4103/jpn.JPN_106_21.
- 16. Chacon-Aponte AA, Duran-Vargas EA, Arevalo-Carrillo JA, Agrawal A, Lozada-Martinez ID, Januja T, Moscote-Salazar LR, Maurya VP, Mishra R, Al- Salihi MM, Rahman M. Talk and Die Syndrome: A Narrative Review. Panam J Trauma Crit Care Emerg Surg 2021;10:78-81.
- 17. Kumar A, Sardhara JC, Singh G, Kanjilal S, **Maurya VP**, Behari S. Malignant Meningitis Associated with Hydrocephalus. Neurol India 2021;69:443-55.
- Maurya I, Maurya VP, Mishra R, Moscote-Salazar LR, Janjua T, Yunus M, Agrawal A. Airway management of trauma patients in the emergency room. Indian Journal of Neurotrauma. https://doi.org/10.33962/roneuro-2022-038.
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- 23. Maurya VP, Datta A, Das KK, Singh M, Pal L, Misra S, Bhaisora KS, Srivastava AK, Jaiswal AK, Behari S. J Spinal metastasis from pediatric supratentorial glioblastoma: Is it the price of an extended survival? An interesting case and review of literature Pediatr Neurosci. doi: 10.4103/jpn.JPN_95_21.

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- 26. Kumar A, Srivastava AK, Sahu V, Jayesh S, Pal L, Bhaisora KS, Maurya VP, Behari S. Primary osseous solitary fibrous tumor of C3 vertebral body: A rare case report and literature review. doi: 10.4103/joss.joss_17_21.
- 27. Pattankar S, Sadashiva N, Dikshit P, Maurya VP, Shukla DP, Reddy U, Mishra R, Agrawal A. Diagnostic and Prognostic Role of Magnetic Resonance Imaging in cases of Moderate to Severe Traumatic Brain Injury. Romanian Neurosurgery 2022;36:209-15. doi: 10.33962/roneuro-2022-037
- 28. Joshi V, Chougule MV, Mudkanna A, Mishra RK, Maurya VP, Agrawal A. Polymorphous Low Grade Neuroepithelial Tumor of Young (PLNTY): A Rare Entity with Atypical Presentation. Egyptian Journal of Neurosurgery 2023;38:7. https://doi.org/10.1186/s41984-023-00192-2.
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- 33. Haldar A, Raj B, Maurya VP, Yunus M, Mishra R, Agrawal A. Neurocritical Care Perspective of Traumatic Brain Injury During Pregnancy. J Neurointensive Care. 2023;6(1):15-19. doi: https://doi.org/10.32587/jnic.2022.00577.
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- 35. Quiñones-Ossa GA, Maurya VP, Deivasigamani B, Sánchez-Zambrano DC,Garcia-Ballestas E, JanjuaT, Moscote- Salazar LR, Mishra R, Agrawal A. Management of Chronic Subdural Hematoma: a challenge in neurosurgical practice. Journal of Neurointensive Care. JNIC-23-0083; Accepted on 23 Aug 2023. J Neurointensive Care. 2023;6(2):69-78.
- 36. Atallah O, Kumar CR, Das S, Maurya VP, Agrawal A. Sudden death in patients with pineal cyst: Evidence from autopsy studies. J Neurosci Rural Pract, doi: 10.25259/JNRP_421_2023.
- 37. Mishra R, Chavda VK, Moscote-Salazar LR, Atallah O, Das S, Janjua T, Maurya VP, Agrawal A. Systematic review and meta-analysis of studies comparing baseline D-dimer level in stroke patients with or without cancer: Strength of current evidence. Accepted: 22 September 2023 Published: XXXXXX doi: 10.25259/JNRP_379_2023. J Neurosci Rural Pract. 2024 Jan-Mar;15(1):16-28
- Dange P, Hameed N, Sankar R, Maurya VP. Reconstructive cranial surgery for invasive and non-responsive mucormycosis. BMJ Case Rep. 2023;16: e253808. Published online 2023 Sep 15. doi: 10.1136/bcr-2022-253808.
- 39. Singh M, Ahamed TPW, Maurya VP, Gupta P, Bhaisora KS, Srivastav AK, Verma PK, Das KK, Kumar A, Dikshit P, Mehrotra A, Jaiswal AK, Behari S, Kumar R. Stereotactic Biopsy for Brain Lesions: Doing More with Less. J Neurosci Rural Pract. 2024 Jan-Mar;15(1):95-102.
- 40. Singh G, Maurya VP, TP Waseem Ahamed, Rai S, Srivastava AK, Bhaisora KS, Verma PK, Das KK, Mehrotra A, Jaiswal AK, Mishra P, Behari S, Kumar R. Clinico-radiologic Risk Stratification and Outcome Assessment in Symptomatic Intracranial Arachnoid Cyst Managed Over Fifteen Years. World Neurosurg. 2023 Oct:178:e846-e858. doi: 10.1016/j.wneu.2023.08.033. Epub 2023 Aug 14.

- 41. Agrawal A, Gupta A, Mishra R, Atallah O, Rahman M, Das S, Moscote-Salazar LR, Krishnan P, Maurya VP. How dexamethasone affects necessity for surgical intervention for chronic subdural hematoma? systematic review and meta-analysis. Indian J Neurotrauma. DOI https://doi.org/ 10.1055/s-0044-1779288. ISSN 0973-0508. (Published online)
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- 46. Singh G, Maurya VP, Bhaisora KS, Srivastava AK. Singh G, Maurya VP, Bhaisora KS, Srivastava AK. Symptomatic Long-segment Extradural Arachnoid Cyst: An Interesting Case Report with Literature Review. J Spinal Surgery 2024;11:31-5.
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- 49. Atallah O, Almealawy YF, Wawi O, Maurya VP, Rahman MM, Agrawal A. Recurrent artery of Heubner infarction: a complication after clipping of anterior communicating

artery aneurysm. Egyptian Journal of Neurosurgery 2023;38:59. https://doi.org/10.1186/s41984-023-00228-7.

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Editor of Neurosurgical Textbooks: 03

 Minimally Invasive Spine Surgery- A Ready Reckoner, 1st ed. Lucknow: Salubris. 2019. ISBN (13) 978-8194027409.

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My contribution to Paediatric Neurosurgery

Dear Sir,

The institute where I am currently affiliated, Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow (U.P.), used to be the workplace of Prof D K Chhabra, and I feel inspired by his immense contribution in the form of the Chhabra ventriculoperitoneal shunt. During my training period as an MCh resident (JIPMER, Puducherry), I completed my dissertation on spinal dysraphism titled, "An assessment of the electrophysiologic and metabolic effects of surgical untethering of the spinal cord in patients with tethered cord syndrome- a prospective study" (published in World Neurosurgery- http://dx.doi.org/10.1016/j.wneu.2016.07.005) which created the spark to explore the exciting world of this developmental problem which is very much prevalent in the present developing nation like India. Being a citizen of the youngest country in the world, I felt responsible for availing two intramural grants (1. Clinical and metabolic predictive markers for Recurrent-spinal dysraphism and 2. Immunohistochemical markers for predicting recurrent craniopharyngioma) from my institute, SGPGIMS- Lucknow, as a faculty and the projects are in the phase of manuscript writing.

Since the 33rd annual conference of IndSPNCON- 2022 at Indore, I have been actively involved in conducting the IndSPN Inter-Institutional Quiz, a unique academic initiative from the Indian Society for Paediatric Neurosurgery to encourage young talents towards this subspeciality.

I feel honored and privileged to have been chosen by our beloved Prof Sandip Chatterjee for a multicentric multinational observation study to investigate the etiopathogenesis of recurrent tethered cords (the project has slowed down for multiple reasons). Other centres worldwide are Park Clinic—Kolkata, AIIMS—New Delhi, Narayana Health City—Bengaluru, and Tel Aviv Medical Centre, Israel.

Let us work together to provide a healthier future for the coming generations.