

Dr K V L Narasinga Rao

MBBS - Rangaraya medical college, Kakinda, India - 1992-97 Mch-Nizam's institute of Medical Sciences Hyderabad, India - 2000 - 2006 Clinical fellowship for skull base surgery -Osaka city university -Osaka, Japan - May-2017 14+ Years Experience

Dr K V L Narasinga Rao is a top Neuro Surgeon in Visakhapatnam at Apollo Hospitals Health City Arilova Vizag . Book appointment online with Dr K V L Narasinga Rao at Ask Apollo.

Hospitals

Apollo Hospitals Health City, Arilova, Vizag,

Doctor's Working Weekdays Mon - Sat

Doctor's Working Hours 10:00 -16:00

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Overview

Dr K V L Narasinga Rao is a distinguished Neuro Surgery based at Apollo Hospitals Health City Arilova Vizag. With an impressive 14 years of experience in the medical field, he has dedicated his career to providing exceptional healthcare services to patients. He holds MBBS - Rangaraya medical college, Kakinda, India - 1992-97 Mch-Nizam's institute of Medical Sciences Hyderabad, India - 2000 - 2006 Clinical fellowship for skull base surgery -Osaka city university -Osaka, Japan - May-2017, showcasing his extensive training and commitment to medical excellence. He is proficient in multiple languages, ensuring effective communication with a diverse range of patients.

He is known for his patient-centric approach, emphasizing the importance of understanding each patient's unique needs and medical history. He expertise encompasses a wide range of conditions related to Neuro Surgery, enabling he to deliver precise diagnoses and treatments. He ensures that patients receive care tailored to their individual health requirements.

In his practice, Dr K V L Narasinga Rao goes beyond treatments by educating patients about their health conditions. This empowers individuals to take active roles in managing their health and making informed decisions. By fostering a supportive and understanding environment, he builds trust and ensures long-term

health management strategies for patients.

Dedicated to staying updated with advancements in his field, Dr K V L Narasinga Rao actively collaborates with other healthcare professionals to provide comprehensive care. He commitment to improving health outcomes continues to leave a lasting impact on the lives of his patients, solidifying his reputation as a trusted name in Neuro Surgery.

Experience

Osmania medical college, Hyderabad, India - Assistant professor clinical work teaching and research-Nov 2006 to Jul 2007 - State government premium teaching hospital

Krishna institute of medical sciences, Hyderabad, India Private consultant clinical work and teaching July 2007 to June-2008 - Leading corporate hospital in Hyderabad

National institute of mental health and neurosciences, Bangalore, India Assistant professor clinical work teaching and research June 2008

June-2011 – National premier institute for neurosciences

National institute of mental health and Neurosciences, Bangalore, Indi Associate professor clinical work teaching and research July 2011 to June 2014 – National premier institute for neurosciences

National institute of mental health and neurosciences, Bangalore Additional professor clinical work teaching and research

July 2014 to May 2019

National institute of mental health and neurosciences, Professor June 2019 to Till now

Research and Publication

Surgical care and clinical work

Over years there has been tremendous Increase m the expertise and experience in operating complex cases.

I evolved in several aspects of the surgical care, surgical case selection, early anticipation of complications more importantly significant reduction of the mortality and morbidity

I performed more than 80 cases of intracranial ruptured aneurysms, 100

vestibular schwannomas and several complex skull base lesions

With experience, I am able to operate many cases in minimally invasive manner with smaller incisions. A step towards same is COIN craniectomy for trigeminal neuralgias- a small INDIAN ONE RUPEE COIN size craniotomy for MVD

Retractor less surgery-another new concept in which surgery is performed without use of permanent retractors, has become a routine for operating colloid cysts, vestibular schwannomas, medulloblastomas and extra dural clinoidectomy etc. This concept I tried to publish which is under peer review in JNS

To acquire the expertise in the skull base surgery, I did clinical fellowship at Osaka city university, Osaka Japan under Dr Kenji Ohata for 3 months. The fellowship gave me an opportunity to observe masters in skull base surgery closely and interact with them

I became more confident in performing the complex skull base surgeries like petrosectomies, far lateral approach etc which needs more precision and understanding of surgical anatomy

My ability to talk and convince the patients has increased which is reflected in increase in many personal referrals to me

Teaching

Over the last 5 yrs, I am invited as external examiner for basic and final year Mch examinations, both by state medical colleges and reputed institutes such as CMC vellore, NIMS Hyderabad. I am also invited by DNB for basic and final examinations

In several meetings, I am fortunate to get the opportunity to chair sessions, to decide for award posters and papers and to deliver guest lectures.

I am able to participate as faculty in NSI instructional course and invited for taking grand rounds for students

Academics and research

In the limited time available for research, I could publish 40 research papers in various areas of neurosurgery

I am a part of international STITCH trauma trial which was funded by NHS trust

I have one patent to my credit on developing an integrated wearable physiotherapy device to assist upper limb for post stroke patients;

TIFAC refer: .1. (40)/TIFA/2016

I guided several Phd(3) and Mch(5) students for their research works

Administration and corporate activity

For routine management of gamma knife patients, I made a GKRS screening PROFORMA which is routinely used in OPD. This has streamlined several lacunae

The systematic way of entering the follow up data of the patients is very important for making good research work. In the available e hospital software this is not available.

I made several user friendly "follow up proformas" for various routine neurosurgical disorders in digital format so that all follow up data of the patients is digitalized.

I am elected as vice president for the NIMHANS faculty association for 2 yrs.

Publications in peer reviewed Journals during the as a first or corresponding author

- 1. Predictors of aneurysmal rebleed before definitive surgical or endovascular management. Acta neurochirurgica. 2016 Jun 1;158(6):1037-44. Solanki C, Pandey P, **Rao KV.**
- 2. Surgically Managed Pediatric Intracranial Aneurysms: How Different Are They from Adult Intracranial Aneurysms? Deora H. Rao K.V.L.N. Somanna S. Srinivas D. Shukla D.P. Bhat D.I.Pediatr Neurosurg 2017;52:313-317
- 3. Surgical Management of Aneurysms of Posterior Inferior Cerebellar artery: Location based approaches and outcomes with review of literatureHarsh Deora, Nitish Nayak, Priyadarshi Dixit, V. Vikas, K. V. L. N. Rao, Nupur Pruthi, Dwarakanath Srinivas, Dhaval P. Shukla, Dhananjay I. Bhat, Bhaskara Rao Malla, Bhagvatula Indira Devi, Sampath Somanna .Journal of neuroscience in rural practice 2019
- 4. Spontaneous Recovery of Complete Foot Drop in Case of Lumbar Disk Herniation Catcher in the Rye? Narasinga Rao K.V.L., Harsh Deora, Vikas Vazhayil, Suresh Tatineni World neurosurgery(2019) 122, 518-521
- 5. Delayed presentation of primary parenchymal arachnoid cyst in adult population: a rare location of a common cyst—case report and review of the literature Subhas Konar*, K. V. L. Narasinga Rao*, B. N. Nandeesh and S. Sampath Egyptian Journal of Neurosurgery (2019) 34:16
- 6. An unusual site of metastasis from carcinoma of tongue metastasis to lumbar vertebrae: A case report and review of literature. Beniwal, Manish; Vikas, V; Rao, K; Srinivas, Dwarkanath; Sampath, S Surgical Neurology International . 2019, Vol. 10 Issue 1, p33-33. 1p.
- 7. Needle in a haystack: Migration of Ventriculoperitoneal Shunt into scrotum of infant. HARSH DEORA, MBBS MS Mch; ANIL SHARMA; **KVLN RAO**; SAMPATH SOMANNA; VIKAS V Egyptian Journal of Neurosurgery December 2018, 33:9

- 8. Supratentorial Pure Cortical Ependymoma: An Unusual Lesion Causing Focal Motor Aware Seizure Manish Beniwal, Ajit Mishra, K. V. L. Narasinga Rao, Vikas Vazhayil, Bevinahalli N. Nandeesh, and Sampath Somanna J Neurosci Rural Pract. 2018 Apr-Jun; 9(2): 264–267.
- 9. Unilateral moyamoya disease with co-existing arteriovenous malformation. Neurology India January-February 2017 / Vol 65 / Issue 1, Nishanth **K V L Narasinga Rao**, Sampath Somanna
- 10. Arterial infarct following surgery for pituitary adenoma Letter to the editor in Journal of Neurosciences in Rural Practice, October December 2014, Vol 5, Issue 4 **Rao Kannepalli** Venkata; Gangadharan, Jagath; Vazhayil, Vikas; Somanna, Sampath
- 11. A pure non gestational Ovarian Choriocarcinoma with delayed solitary brain metastases: Case report and review of literature in Journal of Neurosciences in Rural Practice, October December 2015, Vol 6, Issue 4 **K. V. L. Narasinga Rao**, Subhas Konar, Jagathlal Gangadharan, V. Vikas, and S. Sampath
- 12. Ipsilateral hemichorea-hemiballism in a case of postoperative stroke. Tremor and Other Hyperkinetic Movements. 2016; 6. **Kannepalli NR**, Yadav R, Vazhayil V, Somanna S, Pal PK.
- 13. Occipital Intraosseous Hemangioma over Torcula: Unusual Presentation with Raised Intracranial Pressure Rao, **K.V.L.N**. et al. World Neurosurgery, Volume 108, 999.e1 999.e5
- 14. Sadashiva N, Rajalakshmi P, Mahadevan A, Vazhayil V, **Rao KN**, Somanna S. Surgical treatment of Langerhans cell histiocytosis of cervical spine: case report and review of literature. Child's nervous system: ChNS: official journal of the International Society for Pediatric Neurosurgery. 2016

Jun;32(6):1149-52.

Publications in peer reviewed Journals as any author

- 15. <u>Surgical implementation and efficacy of endoscopic endonasal extradural posterior</u> <u>clinoidectomy</u> Hiroki Ohata, Takeo Goto, Alhusain Nagm, Narasinga Rao Kannepalli, Kosuke Nakajo, Hiroki Morisako, Hiroyuki Goto, Takehiro Uda, Shinichi Kawahara, Kenji Ohata Journal of neurosurgery 2019/5/3
- 16. Ruptured intracranial dermoid cysts: A retrospective institutional review, Abhinith Shashidhara Nishanth Sadashivaa A.R. Prabhuraja Kannepalli Narasingha Raoa Sarbesh Tiwari b Jithender Sainib Dhaval Shuklaa Bhagavatula Indira Devi . Journal of Clinical Neuroscience 11 may 2019
- 17. Factors Influencing Survival in Children with Atypical Teratoid/Rhabdoid Tumours (AT/RT): Single institute experience...J.Balaparameswara Rao, MCh Subhas K. Konar, MCh Dhaval Shukla, MCh Dhananjaya I. Bhat, MCh Manish Beniwal, MCh K.V.L.Narasinga Rao, MCh Nandeesh B.N, MCh Mini Jayan, M.Sc,M.Phil Bhagavatula Indira Devi, MCh World neurosurgery 2019/5/22
- 18. <u>Impact of Gkrs on Vestibular Schwannoma with Serviceable Hearing: A Single Center Indian</u>

 <u>Study AR Prabhuraj, Ujwal Yeole, A Arivazhagan, KVLN Rao, Dwarkanath Srinivas, Dhananjay Bhat, Bhanumathy Govindswamy, Sampath Somanna World neurosurgery 2019/3/9</u>
- 19. Surgical management of petroclival meningiomas :factors affecting early post-operative outcome Manish Banewal ,Dhanajay Bhat ,**K V L Narasinga Rao** in British journal of neurosurgery British Journal of Neurosurgery, August 2015; 29(4): 559–564
- 20. Somanna S, Babu RA, Srinivas D, **Rao KV**, Vazhayil V. Extended endoscopic endonasal transclival clipping of posterior circulation aneurysms—an alternative to the transcranial approach. Acta neurochirurgica. 2015 Dec 1;157(12):2077-85.

- 21. An Overview of Robotics in Functional Neurosurgery Vikas Vazhayil, Madhav Rao, Manish Beniwal, Nishanth Sadashiva, Narasinga Rao Kannepalli Venkata Lakshmi, Sampath Somanna.. Indian journal of neurosurgery 22/04/2019
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- 24. Germline <i>PMS2</i> and somatic <i>POLE</i> exonuclease mutations cause hypermutability of the leading DNA strand in biallelic mismatch repair deficiency syndrome brain tumours Andrianova M Chetan G Sibin M Mckee T Merkler D Narasinga R Ribaux P Blouin J Makrythanasis P Seplyarskiy V Antonarakis S Nikolaev S The Journal of Pathology 2017 vol: 243 (3) pp: 331-341 impact factor 7.42
- 25. The role of Direct DNA Repair gene O6-methylguanine-DNA methyltransferase (MGMT) in High Grade Malignant Glioma. Jeru Manoj M, Chetan G K, **K. V. L. Narasinga Rao**, Venkatesh H N, Sibin M K and Lavanya Ch. Molecular Cytogenetics 2014, 7(Suppl 1):P8. IF 2.36
- 26. Sibin M K, ChLavanya, Dhananjaya I Bhat, **NarasingaRao** KVL, Geethashree N, Vibhuti W, Chetan G K, CD133 and BMI1 expressions and its prognostic role in primary glioblastoma, Journal of Genetics, 94(4):689-96, 2015
- 27. Jeru-Manoj Manuel, Debarati Ghosh, **Narasinga Rao KVL**, Sibin MK, Venkatesh HN, Chetan G K, Role of Concurrent Methylation Pattern of MGMT, TP53 and CDKN2A Genes in the Prognosis of

- 28. RNA interference mediated downregulation of human telomerase reverse transcriptase (hTERT) in LN18 cells Ch Lavanya, MK Sibin, MM Srinivas Bharath, M Jeru Manoj, Manjunatha M Venkataswamy, Dhananjaya I Bhat, KVL Narasinga Rao, GK Chetan Cytotechnology December 2016, Volume 68, Issue 6, pp 2311–2321
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- 30. <u>Effect of rs11614913 polymorphism on mature miR196a2 expression and its target gene</u>

 <u>HOXC8 expression in human glioma</u> MK Sibin, SM Harshitha, KVL Narasingarao, I Bhat Dhananjaya, P

 Shukla Dhaval, GK Chetan Journal of Molecular Neuroscience 2017/2/1
- 31. Simple Methods to Derive Primary Malignant Glioma Cell Lines and Assay of Cellular Damage for Preclinical Studies"Kalyani Thakur,Sai Shyam,Jennifer George,Shobha A. G.,K. V. L. Narasinga Rao &Vijay Kumar KaliaPages 93-105, Received 19 Apr 2017, Accepted 17 Jan 2018, Published online: 06 Feb 2018Download citation https://doi.org/10.1080/07357907.2018.1430814
- 32. Polymorphisms of apolipoprotein E and aneurysmal subarachnoid haemorrhage: A metaanalysis S. Arati a, M.K. Sibin a, Dhananjaya I. Bhat b, **K.V.L. Narasingarao** b, G.K. Chetan Metagene, 2016 – Elsevier
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34. Intracranial Germ Cell Tumors: Spectrum of Disease in an Indian Cohort and

Management Strategies <u>Tushar Deepak Borde</u>, <u>Arivazhagan Arimappamagan</u>, <u>Dwarakanath Srinivas</u>, <u>K. V. L. Narasinga Rao, B. Indira Devi, Sampath Somanna</u>, and <u>Vani Santosh</u>¹ <u>J Neurosci Rural Pract</u>. 2018 Jul-Sep; 9(3): 291–297

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- 38. Surgical clipping of aneurysms related to Moyamoya disease: Report of 2 cases and review of literature. Journal of Cerebrovascular Sciences. 1. 67-69. Sadashiva, Nishanth & M N, Nagarjun & Narasinga Rao, KVL & Pandey, Paritosh. (2015).
- 39. Wolf in Sheep's clothing: Intracranial actinomycosis masquerading as *en-plaque*

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<u>Shilpa Rao</u>, <u>K. V. L. N. Rao</u>, <u>V. Vikas</u>, and
Sampath Somanna Surg Neurol Int. 2018; 9:

Frequently Asked Questions

1. Where does Dr. K V L Narasinga Rao practice?

Dr. K V L Narasinga Rao currently practices at Apollo Hospitals Health City Arilova, located in Visakhapatnam.

2. Who is Dr. K V L Narasinga Rao?

Dr. K V L Narasinga Rao is a highly experienced Neuro Surgery with 14 years of expertise in the field. He is known for providing exceptional patient care and advanced medical treatments.

3. Why do patients choose Dr. K V L Narasinga Rao?

Patients trust Dr. K V L Narasinga Rao for his expertise, patient-centric approach, and commitment to providing the highest standard of care. He is well-versed in the latest medical advancements and ensures personalized treatment for every patient.

4. What is Dr. K V L Narasinga Rao's specialization?

Dr. K V L Narasinga Rao specializes in Neuro Surgery, with expertise in Craniotomy, Spinal Fusion, Endoscopic Brain Surgery, Deep Brain Stimulation (DBS), Ventriculoperitoneal (VP) Shunt.

5. What are Dr. K V L Narasinga Rao's medical qualifications?

Dr. K V L Narasinga Rao holds prestigious qualifications, including MBBS - Rangaraya medical college, Kakinda, India - 1992-97 Mch-Nizam's institute of Medical Sciences Hyderabad, India - 2000 - 2006 Clinical fellowship for skull base surgery -Osaka city university -Osaka, Japan - May-2017.

6. How many years of experience does Dr. K V L Narasinga Rao have?

Dr. K V L Narasinga Rao has 14 years of experience in the medical field, treating various conditions related to Neuro Surgery.

7. How can I book an appointment with Dr. K V L Narasinga Rao?

You can book an appointment with Dr. K V L Narasinga Rao through: Online: Visit https://www.apollohospitals.com/book-doctor-appointment/ to schedule an appointment.