

**Dr Murali Mohan. S**

HOD and Senior Consultant Neurosurgeon  
Sagar Hospitals, Bengaluru

**Profile**

*Dr. Murali Mohan S is a senior consultant neurosurgeon from Bengaluru. Having completed his graduation from MS Ramaiah Medical College, RGUHS, He received his Neurosurgical training under Prof B Ramamurthi DSc (the father figure of Indian Neurosurgery) and team at the Post graduate Institute of Neurological Surgery, ALNC, VHS Hospital, Chennai.*

*Dr Murali gained further expertise in this field by working with renowned Neurosurgeons - Prof RM Varma, Dr AS Hegde, Dr Venkataramana NK and Spine Surgeon - Dr Thierry Marnay (Montpellier, France).*

*Dr Murali began his Neurosurgical career as a junior consultant at Columbia Asia Referral Hospitals, Bangalore. Later he setup the department of Neurosurgery at KIMS -Bollineni Hospitals, Rajahmundry. To pursue his academic interest, he joined as a faculty at MS Ramaiah Institute of Neurosciences, MS Ramaiah Medical College, where he trained undergraduate students and post graduate students from Neurosurgery and General surgery. His academic interest has led him to deliver seminars, attend various CME's, workshops and conferences across India and abroad. He has authored several articles in national and international journals. He proposed the staging for skull base fungal granuloma which was well received at National conference and was later published. He has authored several Chapter's in various textbooks of Neurosurgery and Endocrinology.*

*Dr Murali has performed over five thousand Neurosurgical procedures. His areas of interests are Brain tumors, CV Junction, Skull base surgeries and Spine Surgery. He has keen interest in complex spinal deformity surgeries including scoliosis. His attitude for research led to the development of an novel and indigenous Stereotactic apparatus - RADARC, an equipment used in complex neurosurgical procedures involving frame based navigation.*

*Dr Murali is a member of several reputed organizations like the Indian Medical Association, Neurological Society of India and the Skull Base Surgery Society of India.*

## Education

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| Graduation      | <b>MBBS</b> , 1996 -2002  |
| College         | MS Ramaiah Medical College ; Bangalore, India   |
| University      | Rajiv Gandhi University of Health Sciences;   |
| Post_Graduation | <b>DNB (Neurosurgery)</b> , 2003-07   |
| Institute       | Post Graduate Institute of Neurological Surgery (PGINS), VHS Hospital, Chennai, India |
| Board           | National Board of Examinations, New Delhi   |

## Work Experience

1. Senior Resident in Neurosurgery ( January 2008 to June 2008),  
**PGINS, VHS Hospital**, Chennai
2. Junior Consultant Neurosurgeon ( July 2008 – August 2009)  
**Columbia Asia Referral Hospital (CARH)**, Yeshwanthpur, Bangalore
3. Consultant Neurosurgeon (September 2009 – Jan 2011)  
**KIMS Hospitals**, Rajahmundry
4. Consultant & Assistant Professor (Feb 2011 – April 2013)  
**MS Ramaiah Institute of Neurosciences;**  
**MS Ramaiah Memorial Hospitals;**  
**MS Ramaiah Medical College and teaching Hospitals**, Bangalore
4. Senior Consultant (April 2013 to November 2016)  
**BGS Global Hospital**, Bangalore
5. Senior Consultant ( December 2016 to June 2017)  
**Sparsh Brain Hospitals**, Bangalore

**Publications:*****Journals***

1. **Mohan SM**, Dharmalingam M, Prasanna Kumar KM, Verma RG, Balaji Pai S, Krishna KN. Suprasellar Germ cell tumor presenting as Diencephalic syndrome and precocious puberty. *J Pediatr Endocrinol Metab.* 2003 Mar;16(3):443-6.
2. **Muralimohan S**, Nigel PS, Pande A, Vasudevan MC, Ramamurthi R. Intracranial Epithelioid Hemangioendothelioma. *Childs Nerv Syst* 2008; 24:863-8.
3. **Muralimohan S**, Pande A, Vasudevan MC, Ramamurthi R. Pediatric medulloblastoma: A review of 67 cases at a single institute. *Asian J Neurosurg* 2008; 2:63-9.
4. **Muralimohan S**, Pande A, Vasudevan MC, Ramamurthi R. Suboccipital segment of the vertebral artery: a cadaveric study. *Neurol India.* 2009;57(4):447-52.
5. **Muralimohan S**, Pande A, Vasudevan MC, Ramamurthi R. Invasive rhinocerebral fungal granuloma. *Neurol India.* 2010;58(2):270-6.
6. Pai BS; Gangadhara, Nirmala S, **Muralimohan S**, Varsha SM. Morphometric analysis of the thoracic pedicle: an anatomico-radiological study. *Neurol India.* 2010;58(2):253-8.
7. Pai BS, **Muralimohan S**. Intraoperative Angiography in cerebral aneurysm surgery – an initial experience. *Neurol India.* 2010; 58(4):571-5.
8. Venkata Ramana NK, **Murali Mohan S**, Santhosh NU : "A useful noise in the operating room" - micro vascular doppler sonography- neurosurgical applications: *journal of cerebrovascular sciences*, 41- 47, volume 2 / september /2015
9. Venkata Ramana NK , **Murali Mohan S**: retraction - less aneurysm surgery” - technical note: *journal of cerebrovascular sciences*, 61- 63, volume 2 / september /2015

10. Santhosh NU, Venkata Ramana NK , **Murali Mohan S**, Sharath Garg, Mansoor Ali: pial a-v fistula presenting as lobar hemorrhagewith intraventricular extension: journal of cerebrovascular sciences, 84-87, volume 2 / september /2015.
11. Doddamani RS, Meena RK, **Selvam MM**, Venkataramanaa NK, Tophkhane M, Garg SK. Intraventricular Gliosarcomas: Literature Review and a Case Description. *World Neurosurg.* 2016 Jun;90:707.e5-707.e12. doi: 10.1016/j.wneu.2016.03.033. Epub 2016 Mar 19.

### ***Text Books***

12. Pande A, Sridhar K, **Muralimohan S**. Surgical Anatomy of the Posterior Third Ventricle. Eds: Ramamurthi R, Sridhar K, Vasudevan MC. In, Textbooks of operative neurosurgery, BI Publications 2005; 481-85.
13. **Muralimohan S**, Ramamurthi R. Empty Sella Syndrome. In, Ramamurthi and Tandon textbook of Neurosurgery; Eds Ramamurthi R, Tandon PN. Jaypee publications 2011; 1692-97.
14. **Muralimohan S**, Ramamurthi R. Acoustic Neurofibroma. In, Ramamurthi and Tandon textbook of Neurosurgery; Eds Ramamurthi R, Tandon PN. Jaypee publications 2011; 1761-91.
15. **Muralimohan S**, Ramamurthi R. Stereotaxy for brain tumors. In, Ramamurthi and Tandon textbook of Neurosurgery; Eds Ramamurthi R, Tandon PN. Jaypee publications 2011; 2055-62.
16. **Muralimohan S**, Pande A, Ramamurthi R. Diencephalic Syndrome . In, Ramamurthi and Tandon textbook of Neurosurgery; Eds Ramamurthi R, Tandon PN. Jaypee publications 2011; 1698-1701.
17. **Muralimohan S**. Bacterial infections of the spine and spinal cord. In, Text of Neurosurgery. Ed: Thamburaj V, Jaypee Publications 2011; 1393-1401.
18. **Muralimohan S**. Tuberculosis of CNS. In, Text of Neurosurgery. Ed: Thamburaj V, Jaypee Publications 2011; 466-78.

19. Vasudevan MC, **Muralimohan S**, Kapoor A. Information system for knowledge management in the specialized division of a Hospital. In, Knowledge Organisation, Information Systems and other Essays. Eds: KS Raghavan & KN Prasad. Ess Ess Publications, New Delhi 2006
20. **Muralimohan S**. Anatomy of the Sellar and Suprasellar Region. In, Textbook of endocrinology. Ed: Dharmalingam M. Jaypee publications 2010; 11-27.
21. **Muralimohan S**. Pituitary Adenoma. In, Textbook of endocrinology. Ed: Dharmalingam M. Jaypee publications 2010; 42-48.
22. **Muralimohan S**. Growth Hormone Secreting Pituitary Adenomas. In, Textbook of endocrinology. Ed: Dharmalingam M. Jaypee publications 2010; 49-55.
23. **Muralimohan S**. Corticotroph Adenomas. In, Textbook of endocrinology. Ed: Dharmalingam M. Jaypee publications 2010; 56-62.
24. **Muralimohan S**. Prolactinoma. In, Textbook of endocrinology. Ed: Dharmalingam M. Jaypee publications 2010; 63-67.
25. **Muralimohan S**. Other Pituitary Adenomas. In, Textbook of endocrinology. Ed: Dharmalingam M. Jaypee publications 2010; 68-72.
26. Endoscopic Lumbar Discectomy: Clinical Neuroendoscopy Current status – by Neuroendoscopy, 2014.
27. Endoscopic surgery for Pituitary Tumors: Clinical Neuroendoscopy Current status – by Neuroendoscopy, 2014.

***Award Paper Presentations*** (Platform)

28. **Muralimohan S**, Pande A, Vasudevan MC, Ramamurthi R. Suboccipital segment of vertebral artery – a cadaveric study. **Award Paper** at Neurological Society of India Conference, Madurai- December 2006.
29. **Muralimohan S**, Pande A, Vasudevan MC, Ramamurthi R. Rhinocerebral fungal granuloma. **Award Paper** at Skull base Society of India and WFNS Conference, New Delhi – October -2007
30. **Muralimohan S**. Surgery of Craniovertebral junction. Award at Skull base Society of India and WFNS Conference, Jaipur – October -2016

**Invited Faculty**

1. *Faculty*, Medtronic Cadaver Course on MAST, BKP and Posterior Stabilization. MS Ramaiah Advanced Learning Centre, Dec 14-15, 2012.
2. *Faculty*, Cadaver course on 'Approaches to Orbit', MS Ramaiah Advanced Learning Centre, Feb 24, 2013
3. *Faculty*, Global Neuro-emergencies Meet, Chennai, September 2015
4. *Faculty and Guest Speaker*, First International meet of the Sudanese Association of Neurosurgeons, November 27-29, 2015.

**Society Memberships**

1. Member, Neurological Society of India
2. Member, Skull Base Surgery Society of India.
3. Member of Association of Spinal Surgeons of India
4. Member, Bangalore Neurological Society
5. Member, Indian Federation of Neuroendoscopy
6. Member, Indian Association of Pediatric Neurosurgery.