



## Dr. BSV Raju

**Qualification:** MS, DNB (Ortho), MCh (Neuro)-NIMS Spine Fellow, Wayne State University Spine & Peripheral Nerve Fellow, Stanford University, USA

**Department:** Neuro Surgery, Spine Surgery

**Designation:** Senior Consultant Neuro & Spine Surgeon

**Languages:** English, Hindi, Telugu

**Experience:** 28 yrs

### About the Doctor

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Dr. BSV Raju is a Sr. Consultant Neuro & Spine Surgeon at Yashoda Hospitals, Somajiguda. With a career spanning over three decades, he is one of the best Neuro and Spine surgeons in Hyderabad, having performed over 6,000 spine surgeries.

### Educational Qualifications

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- 2003: Fellowship, Stanford University, USA
- 2002: Fellowship, Wayne State University, Detroit, USA
- 1995: MCh, Nizam's Institute of Medical Sciences, Hyderabad
- 1992: DNB (Ortho), National Board of Education
- 1992: MS (Ortho), Andhra Medical College, Visakhapatnam
- 1987: MBBS, Rangaraya Medical College, Kakinada

### Experience

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- Currently working as a Senior Consultant Neuro & Spine Surgeon at Yashoda Hospitals, Somajiguda

Former Director & Head of Neuro and Spine Surgery, Aster Prime Hospitals, Hyderabad

- Former Assistant Professor, Nizam's Institute of Medical Sciences, Hyderabad

## Services Offered

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- Spine Surgeries
- Lumbar Microdiscectomy
- Endoscopic Lumbar Discectomy
- Tubular Dilator Guided Microdiscectomy
- Laser Discectomy
- Cervical Discectomy and Fixation (ACDF)
- Cervical Disc Replacement
- Spine Surgery (Paediatrics & Adults)
- Percutaneous Spinal Fixation
- Vertebroplasty/Kyphoplasty
- Osteoporotic Spinal Fixation
- Spinal Injuries
- Brain Surgeries
- Brain Tumour Surgery (Pineal Tumours, Gliomas, Meningiomas, Schwannomas, Pituitary Tumours)
- Skull Base Surgery
- Brain Aneurysms
- Arteriovenous Malformations
- Head Injury
- Brain Haemorrhage
- Endoscopic Brain Surgery: Third Ventriculostomy/Brain Biopsy/Cyst Fenestration
- Carotid Endarterectomy
- Temporal Lobectomy
- Lesionectomy
- Hemispherectomy
- Corpus Callosotomy
- Vagus Nerve Stimulation
- Multiple Subpial Transections (MST)
- Microvascular Decompression (MVD)
- Stereotactic Radiosurgery
- VP Shunting
- Ventriculostomy
- Deep Brain Stimulation/Programmable VP Shunt
- Deep Brain Stimulation

Others

- Carpal Tunnel Syndrome
- Cubital Tunnel Syndrome
- Peripheral Nerve Entrapment Syndrome
- Peripheral Nerve Injuries and Repairs
- Peripheral Nerve Tumours
- Drug Pump Implantation for Chronic Pain Management

## Awards and Achievements

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- Acharya Sushrut Sadbhavana Puraskar Award in 2010 by Indian Cultural Department of Society, Hyderabad
- Seva Ratna Award by Mother Teresa Foundation, Hyderabad for the year 2012
- Best Doctor's Award by Health Care International, Hyderabad for the year 2015
- Best Hyderabad Neuro & Spine Surgeon Award, Global Healthcare Excellence Awards, New Delhi, 2015
- Selected for the "Who is Who in the USA?" 2003

## Professional Membership

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- Neurological Society of India (NSI)
- North American Spine Society (NASS)
- Indian Society for Pediatric Neurosurgery (INDSPN)
- Twin Cities Neuro Club
- Twin Cities Spine Club
- Indian Medical Association (IMA)

## Research & Publications

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- A.K. Purohit, KK Shiv Kumar, Y Roopa: Long term results of lumbosacral posterior rhizotomy in 125 cerebral palsy cases. Clinical Neurology, 99 (1), S207-S208, 1997
- A.K. Purohit, BSV Raju, Shiv Kumar, KD Mallikarjun. Selective musculocutaneous fasciculotomy for spastic elbow in cerebral palsy. Acta Neurochirurgica. 140:5, 473-478, 1998
- VSSV Prasad, BSV Raju, C Sundaram: Plasmacytoma of dens as a cause for atlanto axial instability. Spinal Cord, 36,661-663, 1998
- BSV Raju, Purohit AK, VSSV Prasad, DS Ganapathi Rao, Dinakar I, Cerebellar vermian dysgenesis and associated anomalies. Management of six cases and brief review of literature. Clinical Proceedings of NIMS, 9:4: 11-15, 1995
- BSV Raju, VSSV Prasad, Dinakar I, UN Das, AK Purohit. Role of Quantitative estimation of malondialdehyde (MDA) and effect of Methylprednisolone after acute spinal injury. Clinical Proceedings of NIMS, 11:2:10-14, 1996

VSSV Prasad, Dinakar I, BSV Raju, AK Purohit, RTA Naik, BCM Prasad, PK Gupta, Imageology in acute spinal trauma, Proceedings of 2nd National Neurotrauma Conference (Supp). 16-21, August, 1993

- PK Gupta, L Prasad, BSV Raju, Dinakar I. Split atlas with atlanto-axial dislocation, The Indian Journal of Radiology and Imaging, 4:3: 177-178, August, 1994
- PK Gupta, L Prasad, BSV Raju, Dinakar I. Scar Carcinoma of the scalp-2 case reports and review of literature. The clinical proceedings of NIMS 9:1:32-37, January, 1994
- VSSV Prasad, BSV Raju, Dinakar I. Diabetes Insipidus in Cervico-dorsal Spinal Cord Injury. Neurology India, 43, 206-208, 1995
- AK Purohit, BSV Raju, JJM Reddy, Dinakar I. Claudicatory priapism in lumbar canal stenosis with lumbar disc prolapse. Neurology, India, Vol 46; Vol. 1, June 1997
- AK Purohit, Meena Minz, BSV Raju, Dinakar I. Primary hypothyroidism presenting as precocious puberty and sellar – suprasellar mass. Quarterly Journal of Surgical Sciences. Accepted for publication in December, 1997
- BSV Raju, AK Purohit, A Krishna Reddy, VSSV Prasad, BP Sahu, Non-Surgical therapeutic interventions after acute spinal cord injury. The clinical proceedings of NIMS, 12:1, 16-22, March, 1998.
- BSV Raju, AK Sinha, AK Reddy, C Sundaram, VSSV Prasad, BP Sahu, TVRK Murthy, Giant Spinal Neurofibromas. Neurology India, Vol. 47, Supplement 1, December, 1999 (Abstract).
- Jagan Mohan Reddy, VSSV Prasad, BSV Raju, BP Sahu, AK Purohit, Clinical outcome following Cervical Spine Surgery: Prognostic indicators. Neurology India, Vol. 47, Supplement 1, December, 99 (Abstract).
- AK Purohit, Jagan Mohan Reddy, Ramana Murthy, BSV Raju, TVRK Murthy. Sciatic selective motor fasciculotomy for spastic knee flexion in Cerebral Palsy. Neurology India, Vol 47, Supplement 1, December, 99 (Abstract).
- AC Upadhyaya, BSV Raju, C Sundaram, Subash Kaul, S Ram Murthi, AK Purohit. Unusual case report of actinomyces of scalp & skull vault with intradural extension. Neurology India, Vol. 47, Supplement 1, December 1999 (Abstract).
- C. Sundaram, T.R. Paul, B.S.V.Raju: Cysts of the central nervous system: A clinicopathologic study of 145 cases, Neurology India, 2001:49, No.3- 237-242
- BSV Raju, AK Purohit, S Ram Murthy, C Sundaram, T Sanjay. Traumatic Anterior Cerebral Artery Aneurysm in A Child: A Case Report. Accepted for publication, Neurology India, January 2001.
- Setti S Rengachary, Raju SV Balabhadra. Reduction in Spondylolisthesis. Neurosurgical Focus Vol 1391; 2002
- Setti S Rengachary, Raju SV Balabhadra. Black Disc Disease: A Commentary Neurosurgical Focus Vol 13(2); 2002.
- Hong Le, Raju Balabhadra SV, Jon Park, Daniel Kim; Surgical Treatment of Tumors Involving the Cervico-Thoracic Junction. Neurosurgical Focus Vol 15(5);2003
- Ho Yeo Zhang, Issada Thongtrangan, Raju SV Balabhadra, Judith A Murovich, Danielh Kim; Surgical Techniques for Total Sacrectomy and Spinopelvic

Reconstruction. Neurosurgical Focus Vol 15(2):2003

- Daniel H Kim, Tae A Jahng, Raju SV Balabhadra, Michael Potulski, Rudolf Beisse: Thoracoscopic Transdiaphragmatic Approach to Thoracolumbar Junction Fractures. The Spine Journal 2004.
- Sung-Kim-, T.Jesse Lim, Josemaria Paterno, Tae-Jin Hwang, Kun-Woo Lee, Raju SV Balabhadra, Daniel H. Kim: A Biochemical Comparison of Anterior and Posterior Stabilization Methods in a Severe Atlantoaxial Instability Model. Spine 2004.
- Raju SV Balabhadra, Daniel H Kim. Anterior cervical fusion using dense cancellous allografts and plating. Neurosurgery, May 2004.
- Daniel Kim, Hoang Le, Raju Balabhadra, Ho-Yeol Zhang. Anterior cervical fusion using dense cancellous allografts and dynamic plating. The Spine Journal, Vol 4, Issue 5, S, S115, Sep 2004
- Syed Jaffer, Mohammad Farhan Ahmed, Mir Anna Ali, Farheen Sultana, BSV Raju. Safety and efficacy of pregabalin with nortriptyline and gabapentin with nortriptyline in diabetic neuropathy and radiculopathy. European Journal of Biomedical and Pharmaceutical Sciences, Vol 6, Issue 5, 305-310, June, 2019.
- Venkateshwarla Rama Raju, Srinivas Konda, Kavitha Rani Balamuri, Anvesh Balabhadra, BSV Raju, Ginpally Dhanunjaya Rao. MER based analysis of local field potentials with deep brain stimulation subthalamic nucleus in Parkinson's disease using coherence and entropy techniques. Indian Journal of Neurosciences 2020; 6(3):202-19.
- Venkateshwarla Rama Raju, Srinivas Konda, Kavitha Rani Balamuri, BSV Raju. Circuitous goal of bSTN deep brain stimulator in Parkinson disease: A study with fusion MRI guided by computed axial tomography and micro neurosensor recording MER techniques. Indian Journal of Neurosciences 2020; 6(3):226-31.
- Anvesh Balabhadra, Apoorva Malipeddi, Nilofeur Ali, Raju Balabhadra. Abdominal Epilepsy: a rare cause of unexplained abdominal pain. Cureus 12(8): e10120 DOI 10.7759/cureus.10120
- G Sirmaya Jyothi, BSV Raju, Anvesh Balabhadra, Syed Aizaz Ehsan. Perampanel Monotherapy-A novel treatment for Seizures: A Systematic Review. Archives in Neurology and Neuroscience, Jan 2022.
- Sumaiya Tabassum, Md Safi ur Rahman, Uzma Samreen, Md Ashfaq Hussain, BSV Raju. Systematic review on the current status of Brivaracetam as a monotherapy. European Journal of Biomedical and Pharmaceutical Sciences, Vol 9, Issue 6, 2022.
- Chapters in Books:
- BSV Raju, VSSV Prasad, AK Reddy. Recent advances in spinal cord injury. In reviews in Neurology. Ed. S. Mohan Das, Rupam Borgohain. Indian Academy of Neurology. 119-137, 1999.
- AK Reddy, BSV Raju, P Tripathy, M Panigrahi, BP Sahu, Extended anterior approaches to cervicothoracic spine. Indian Clinical Neurosurgery Vol. 1, Ed; AK Singh, 2001
- Mick J Perez-Creut, Raju SV Balabhadra, Dino Samartzis, Daniel H Kim: Historical Background of Minimally Invasive Spine Surgery. In: Endoscopic Spine

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- Raju SV Balabhadra, Russel A Andrew, Mark Li: Cervical Trauma. In: The 5-Minute Neurology Consult, Edited by D. Joanne Lynn, Herbert B. Newton, Alexander D. Rae-Grant. Wolters Kluwer, Lippincott Williams & Wilkins 2004.
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- Lisa L Guyot, Raju Balabhadra, Richard D Fessler: Mechanisms of Pain Relief Following Vertebroplasty and Kyphoplasty. In: Vertebroplasty and Kyphoplasty. Ed. Daniel Resnic, Steven R Garfin. Thieme, 2006
- Anvesh Balabhadra, BSV Raju, Uma Sridevi C, Ajay Kumar M: Nonsurgical treatment of degenerative lumbar scoliosis. In: Neurosurgery Update Vol. 1, Ed. Manas Panigrahi. Thieme, Noida, 2019.
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- Anvesh Balabhadra, BSV Raju, Y.Muralikrishna: Clinical Evaluation of Adult Degenerative Scoliosis. In: Neurosurgery Update Vol. 1, Ed. Manas Panigrahi. Thieme, Noida, 2019.

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