



Dr. Rajesh Alugolu

Qualification: MS, MCh (Neurosurgery)

Department: Movement Disorders, Neuro Surgery

Designation: Sr. Consultant Neurosurgeon-PDMDRC, Clinical Director-PDMDRC.

Languages: Telugu, Hindi, English, Tamil, Odiya, Bengali

Experience: 25 yrs

About the Doctor

Dr. Rajesh is a Sr. Consultant Neurosurgeon working at Yashoda Hospitals, Hitec city, Hyderabad.

Educational Qualifications

- 2009: M.Ch. (Neurosurgery) from Nizam's Institute of Medical Sciences (NIMS), Punjagutta, Hyderabad.
- 2006: M.S. (General Surgery) from V.S.S. Medical College, Burla, Sambalpur University, Odisha.
- 2001: M.B.B.S. from Thanjavur Medical College, Tamil Nadu, Dr. M.G.R. Medical University

Experience

- 2022: Director, PDMDRC, at Citi Neuro Centre, Hyderabad.
- 2021 to 2022: Senior Consultant Neurosurgeon at Citi Neuro Centre, Hyderabad.
- 2016 to 2021: Associate Professor of Neurosurgery at Nizam's Institute of Medical Sciences, Hyderabad.

2014 to 2016: Senior Grade (S.G.) Assistant Professor of Neurosurgery at Nizam's Institute of Medical Sciences, Hyderabad.

- 2010 to 2014: Assistant Professor of Neurosurgery at Nizam's Institute of Medical Sciences, Hyderabad.

Services Offered

- DBS for Movement disorders and epilepsy
- Epilepsy surgeries
- Skull base tumors
- Complex CVJ anomalies
- Neuromodulation

Awards and Achievements

- Performed more than 850 DBS procedures in India.
- Neurosurgical experience of more than 5000 surgeries
- Wide range of workshops and training sessions
- Served as an examiner for various medical examinations (M.Ch, DNB) and thesis assessments
- Workshops in neurosurgery, from skull base surgery to paediatric neurosurgery, functional neurosurgery, and microvascular techniques.
- Course coordinator for the post-doctoral fellowship program on Surgery for Movement Disorders at NIMS.

Professional Membership

- Life member of Neuro-Spinal Surgeons Association of India (RNSSA 5).
- Life member of Andhra Pradesh Neuroscientists Association (LM Reg no. 184).
- Life member of The Indian Society for Bone and Mineral Research (313/12).
- Life member of Indian Academy of Cerebral Palsy
- Life member of Neurological Society of India (ANS-67)
- Life member Indian Society of Stereotactic and Functional Neurosurgery
- Executive member, ISSFN

Research & Publications

- Authored more than 80 peer reviewed publications and 5 book chapters. Shah V, Alugolu R, Arora A, Kandadai RM, Mudumba V, Borgohain R. 3T MRI-SWI based volumetric analysis of the subthalamic and red nuclei in advanced Parkinson's disease. J Neurosurg Sci. 2023 Feb;67(1):108-112. doi: 10.23736/S0390-5616.20.04935-8. Epub 2020 May 13. PMID: 32401475.
- Alugolu R, Rangan V, Ram R, Saradhi MV. "NIMS" nasal mucoperiosteal flap for

sublabial trans-sphenoidal surgical defect repair: A new technique under microscope. *Surg Neurol Int.* 2021 Oct 11;12:509. doi: 10.25259/SNI_483_2021. PMID: 34754559; PMCID: PMC8571197.

- Wadikhaye R, Alugolu R, Mudumba VS. A 270-Degree Decompression of Optic Nerve in Refractory Idiopathic Intracranial Hypertension Using an Ultrasonic Aspirator - A Prospective Institutional Study. *Neurol India.* 2021 Jan-Feb;69(1):49-55. doi: 10.4103/0028-3886.310080. PMID: 33642270.
- Kolpakwar S, Arora AJ, Pavan S, Kandadai RM, Alugolu R, Saradhi MV, Borgohain R. Volumetric analysis of subthalamic nucleus and red nucleus in patients of advanced Parkinson's disease using SWI sequences. *Surg Neurol Int.* 2021 Jul 27;12:377. doi: 10.25259/SNI_584_2021. PMID: 34513144; PMCID: PMC8422532.
- Padhy N, Moningi S, Kulkarni DK, Alugolu R, Inturi S, Ramachandran G. Sphenopalatine ganglion block: Intranasal transmucosal approach for anterior scalp blockade - A prospective randomized comparative study. *J Anaesthesiol Clin Pharmacol.* 2020 Apr-Jun;36(2):207-212. doi: 10.4103/joacp.JOACP_249_18. Epub 2020 Jun 15. PMID: 33013036; PMCID: PMC7480294.
- Alugolu R, Kolpakwar S, Mudumba V, Arora A, Kandadai R, Borgohain R. Prospective analysis of gross and fine electrode position and motor manifestations after STN-DBS and their correlation with electrode position. *J Neurosurg Sci.* 2024 Apr;68(2):201-207. doi: 10.23736/S0390-5616.21.05461-8. Epub 2021 Oct 14. PMID: 34647713.
- Vishwa Kumar KS, Mudumba VS, Alugolu R, Anne B. Acute Neuroendocrine Profile in Predicting Outcomes in Severe Traumatic Brain Injury: A Study from a Tertiary Care Center in South India. *Indian J Endocrinol Metab.* 2021 Mar-Apr;25(2):95-102. doi: 10.4103/ijem.ijem_194_21. Epub 2021 Sep 8. PMID: 34660237; PMCID: PMC8477731.
- Kola S, Meka SSL, Syed TF, Kandadai RM, Alugolu R, Borgohain R. Kufor Rakeb Syndrome with Novel Mutation and the Role of Deep Brain Stimulation. *Mov Disord Clin Pract.* 2022;9(7):1003-1007. Published 2022 Jul 27. doi:10.1002/mdc3.13518
- Meka SSL, Kandadai RM, Alugolu R, Haragopal VV, Borgohain R. Effect of Medication and Deep Brain Stimulation on Gait in Parkinson's Disease and its Quantitative Analysis Using Mobishoe - A Comparative Study. *Ann Indian Acad Neurol.* 2023;26(2):156-160. doi:10.4103/aian.aian_769_22
- Caregiver Burden in Parkinson's Disease Patients Post Deep Brain Stimulation: A Neglected Aspect
- Changes in Optimal Stimulation Frequency with Time for Gait Disturbances in Patients with PD after STNDBS—A Longitudinal Study
- Constant Current Versus Constant Voltage DBS Stimulators—Changing Trend
- Rohit W, Rajesh A, Mridula R, Jabeen SA. Idiopathic Intracranial Hypertension - Challenges and Pearls. *Neurol India* 2021;69:S420-8.
- Kashyap M, Kola S, Yaranagula SD, Alugolu R, Kandadai RM, Borgohain R. Outcome of deep brain stimulation in autosomal recessive monogenic mutations in young onset Parkinson's Disease. *Parkinsonism Relat Disord.* 2023 Jul;112:105486. doi: 10.1016/j.parkreldis.2023.105486. Epub 2023 Jun 8. PMID:

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- Kola S, Kandadai RM, Kashyap M, Deepak S, Prasad V, Alugolu R, Borgohain R. Dystonia Deafness Syndrome: A Rare Deep Brain Stimulation Responsive Dystonia. Ann Indian Acad Neurol. 2023 Sep-Oct;26(5):766-768. doi: 10.4103/aian.aian_319_23. Epub 2023 Sep 27. PMID: 38022471; PMCID: PMC10666884.
- Kandadai RM, Yaranagula SD, Kola S, Alugolu R, Prasad V, Borgohain R. Complex Movement Disorder with Prominent Tic like Movements: Expanding the Clinical Spectrum of IgLON 5 Antibody Disease. Mov Disord Clin Pract. 2024 Jan;11(1):94-96. doi: 10.1002/mdc3.13929. Epub 2023 Dec 1. PMID: 38291846; PMCID: PMC10828616.
- Yaranagula SD, Kashyap M, Kola S, Kandadai RM, Alugolu R, Prasad V, Jasani GA, Borgohain R, Varma RD. Delayed Peri-Lead Intracerebral Hemorrhage Months after Deep Brain Stimulation: A Series of Two Patients. Ann Indian Acad Neurol. 2024 Jan-Feb;27(1):96-98. doi: 10.4103/aian.aian_846_23. Epub 2023 Dec 8. PMID: 38495230; PMCID: PMC10941881.
- Kola S, Kandadai RM, Alugolu R, Jabeen SA, Borgohain R. Study of Impact of Stereotactic parameters on Microelectrode recording in Parkinson's disease patients who underwent Subthalamic nucleus Deep brain stimulation. Ann Mov Disord 2023;6:85-92

Profile URL: <https://www.yashodahospitals.com/doctor/hitec-city/neurology/movement-disorders/dr-rajesh-alugolu/>