

DR. SATYA NARAYANA MANDALAPU

Consultant - Interventional Radiology

Qualification

MBBS | MD (Radiology) | DM (Neuroimaging & Interventional Radiology)

Overview

Dr. Satya Narayana Mandalapu is experienced neuro and interventional radiology expert in Vijayawada. He brings more than 15 years of rich clinical and procedural experience in minimally invasive neurovascular interventions, peripheral vascular therapies, acute stroke management, and advanced image-guided oncology interventions. Dr. Satya Narayana Mandalapu is currently practising as a Consultant – Neuro & Interventional Radiology at Manipal Hospital, Vijayawada, where he provides comprehensive, evidence-based diagnostic and therapeutic interventional radiology care. Recognised for his meticulous procedural precision and patient-centred philosophy, Dr. Satya Narayana is regarded as one of the best interventional radiologists in Vijayawada. Dr. Satya Narayana completed his foundational MBBS from Andhra Medical College, Visakhapatnam, followed by an MD in Radiology from NRI Medical College. He completed his DM in Neuroimaging and Interventional Neuroradiology from the prestigious Sri Chitra Tirunal Institute for Medical Sciences and Technology (SCTIMST), Thiruvananthapuram. At Manipal Hospital Vijayawada, Dr. Satya Narayana Mandalapu manages an advanced

endovascular and interventional radiology suite. His clinical expertise covers emergency endovascular mechanical thrombectomy for acute ischemic stroke, carotid artery stenting, intracranial aneurysm coiling (simple, balloon-assisted, and stent-assisted), flow diverter placements, and embolisation of cerebral/spinal arteriovenous malformations (AVMs) and dural AV fistulas. Recognised as a top stroke and neurointerventional specialist in Vijayawada, his procedural proficiency spans peripheral angioplasty and stenting, bronchial artery embolisation, uterine artery embolisation for fibroids, Transcatheter Arterial Chemoembolisation (TACE), TIPSS/DIPSS, percutaneous transhepatic biliary drainage (PTBD), varicose vein interventions, and CT/Ultrasound-guided biopsies and drainages. A passionate researcher and academician, Dr. Satya Narayana served as a Co-Investigator in the landmark global EMERALD-1 study evaluating TACE in hepatocellular carcinoma. He has authored high-impact scientific publications in leading international journals, including the American Journal of Neuroradiology (AJNR) and the Journal of Neuroradiology, focusing on high-resolution MRI sequences and TRICKS for spinal vascular malformations. He regularly delivers guest lectures as an invited faculty speaker at national and state conferences, and holds active life memberships in the Society of Therapeutic Neurointerventions (STNI), Indian Radiological and Imaging Association (IRIA), and the Indian Society of Vascular and Interventional Radiology (ISVIR). Fluent in English, Telugu, and Hindi, Dr. Satya Narayana couples his high-precision endovascular expertise with an approachable and clear communication style. As a best vascular and neuro intervention doctor in Vijayawada, he prioritises patient empowerment through detailed diagnostic counselling, minimally invasive treatment planning, and dedicated post-procedural clinical care.

Fellowship & Membership

- STNI(Life member)- Society of Therapeutic Neurointerventions
- IRIA (Life member) - Indian Radiological Imaging Association.
- ISVIR – Indian Society of Vascular & Interventional Radiology.

Field of Expertise

- Neuro & Interventional Radiology
- Acute Stroke Intervention (Mechanical Thrombectomy)
- Brain Aneurysm Coiling & Flow Diverter Procedures
- Carotid Artery & Intracranial Stenting
- AVM, DAVF & Spinal Vascular Malformation Embolisation
- Peripheral Vascular & Endovascular Interventions
- Hepatobiliary Interventions (PTBD, TACE, TIPSS)
- CT & Ultrasound Image-Guided Intervention

Languages Spoken

- Telugu
- English
- Hindi

Talks & Publications

- Co-Investigator in EMERALD 1 Study (A Global randomised study to Evaluate Transarterial Chemoembolization (TACE) in Combination with Durvalumab and Bevacizumab Therapy in Patients with Locoregional Hepatocellular Carcinoma.
- Comparative Analysis of Volumetric High-Resolution Heavily T2-Weighted MRI and Time-Resolved Contrast-Enhanced MRA in the Evaluation of Spinal Vascular Malformations.

http://dx.doi.org/10.3174/ajnr.A6164.

- Fusion imaging of Time-Resolved Imaging of Contrast Kinetics (TRICKS) and high-resolution volumetric T2 MR sequences in the evaluation of spinal vascular malformation. Journal of Neuroradiology. doi.org/10.1016/j.neurad.2019.03.012.