

Dr. Mohana Rao Patibandla (Dr Rao)Pioneers Revolutionary Endoscopic Neurosurgery Techniques at International Conferences

Dr. Rao's Groundbreaking Endoscopic Procedures Herald a New Era in Neurosurgery

GUNTUR, ANDHRA PRADESH, INDIA, March 30, 2025 /EINPresswire.com/ -- In a landmark achievement set to redefine neurosurgical care, Dr. Rao—widely acclaimed as the [best neurologist in Guntur](#), [best neurosurgeon in Guntur](#) and one of the [top neurosurgeons in India](#)—unveiled a suite of groundbreaking endoscopic techniques at two major international conferences held in Delhi and Chennai. His presentations, steeped in clinical rigor and innovation, have already begun to reshape the approach to minimally invasive brain, spine, and nerve surgeries.

Dr. Rao's Groundbreaking Endoscopic Procedures Herald a New Era in Neurosurgery

Dr. Rao, a visionary in neurosurgery, has consistently pushed the boundaries of medical science with his commitment to advancing surgical techniques. At recent international gatherings, his new procedures were introduced as a transformative alternative to conventional open surgery, promising enhanced precision, reduced recovery time, and markedly lower complication rates.

At the esteemed World Neurosciences Conclave, held at The Leela Ambience Gurugram on March 21, 2025, Dr. Rao delivered his address, "Endoscopic Transnasal Odontoidectomy: A Paradigm Shift in CVJ Decompression." In his remarks, he detailed the innovative use of high-definition neuroendoscopy combined with advanced neuronavigation systems to perform surgeries that previously required extensive invasive procedures. He emphasized that by carefully navigating the craniovertebral junction through a transnasal approach, surgeons are now able to preserve vital tissues while effectively decompressing the spine. Dr. Rao presented a



series of compelling case studies that illustrated that patients undergoing the procedure experienced significantly diminished postoperative pain and an expedited return to normal activities.

Two days later, at the Neuroendoscopic Conference hosted at the Taj Coromandel in Chennai, Dr. Rao further captivated his audience with a keynote address titled “Endoscopic Microvascular Decompression: Revolutionizing Treatment for Trigeminal Neuralgia.” This condition, notorious for inflicting excruciating facial pain, has long posed treatment challenges. Dr. Rao explained that his technique utilizes state-of-the-art 4K neuroendoscopy to perform microvascular decompression with unparalleled accuracy. The procedure’s minimally invasive nature not only curbs the typical risks associated with nerve surgeries but also substantially reduces the duration of hospitalization. His demonstration left the assembled international experts in the field impressed and inspired, with many lauding the method as a potential new standard in treating cranial nerve disorders.

Reflecting on his work, Dr. Rao stated,

“

I am honored to share these innovations worldwide. Our cutting-edge techniques reduce trauma and speed up recovery, setting a new standard in neurosurgery.”

Dr. Mohana Rao Patibandla

“I am honored to share these innovations with our peers worldwide. Our commitment to reducing surgical trauma and accelerating patient recovery is at the heart of these advancements. I firmly believe that with these techniques, we are setting a new benchmark in neurosurgery that will benefit patients globally.”

Dr. Rao’s pioneering efforts are supported by his institution’s unwavering dedication to state-of-the-art

technology. Under his leadership, Dr. Rao’s Hospital has invested substantially in modern surgical facilities, including hybrid operating theaters that integrate advanced imaging, FDA-approved neurointensive care units, and comprehensive neuronavigation systems. These investments not only facilitate the execution of cutting-edge procedures but also ensure that patient safety and comfort remain paramount.

The international acclaim garnered from these conferences is a testament to the significant



Dr. Mohana Rao Patibandla - the best Neurooncologist in India

clinical impact of Dr. Rao's innovations. Over 500 leading neurosurgeons and neurologists from around the globe attended the sessions, many of whom remarked on the transformative potential of these techniques. The new methods promise to reduce patient morbidity, lower overall healthcare costs, and contribute to a future where minimally invasive procedures are the norm rather than the exception.

Dr. Rao's work embodies a rare marriage of clinical expertise and technological advancement in today's medical landscape. His approach—one that meticulously balances precision, innovation, and patient-centered care—has the potential to revolutionize neurosurgery and inspire further research and development in minimally invasive medical procedures.

For Journalists and Media Representatives:

Interviews with Dr. Rao and detailed technical demonstrations of the new procedures are available upon request. Media inquiries should be directed to the contact details below.

About Dr. Rao's Hospital

Established in Guntur, Andhra Pradesh, Dr. Rao's Hospital is renowned as one

of India's premier neurosurgery, neurology, and spine surgery centers. Under the expert guidance of Dr. Rao, the hospital has become synonymous with advanced, minimally invasive techniques that significantly improve patient outcomes. With cutting-edge facilities, including hybrid operating theaters, FDA-approved neuro ICUs, and sophisticated neuronavigation systems, the hospital is committed to delivering exceptional care and pioneering medical breakthroughs. For additional information, please visit www.drRaoshospitals.com.

Media Contact



Dr. Rao's hospital - the best neurosurgery and spine surgery hospital in India



Dr Rao the best stereotactic radiosurgeon in India, Guntur

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Conclusion

Dr. Rao's recent presentations have firmly established him as a trailblazer in neurosurgery. Dr. Rao is setting a new benchmark in treating complex neurological conditions by introducing advanced endoscopic techniques that minimize surgical invasiveness while

maximizing patient recovery. His work inspires peers and patients, reaffirming Dr. Rao's Hospital's role as a global leader in innovative medical care. As these breakthrough procedures gain traction internationally, they pave the way for a future in which precision, safety, and patient satisfaction define the standard of neurosurgical excellence.

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The high-tech neurosurgery operating room at Dr. Rao's Hospital, Guntur featuring advanced imaging and navigation systems for precise brain and spine surgeries.

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