Stavya Spine Hospital Introduces Open Standing Weight Bearing MRI for Advanced Spine Diagnostics

Category: Business
written by | December 17, 2024



Stavya Spine Hospital, a renowned leader in exclusive spine care for over two decades, has introduced the Open Standing Weight Bearing MRI(Manufactured by Esaote SpA Italy) to its suite of advanced diagnostic tools. This innovative technology, designed specifically to meet the unique demands of spine diagnostics, enables imaging in standing, sitting and supine positions, offering new dimensions in evaluating spine conditions. The addition of this tool underscores Stavya’s commitment to ethical care, transparency, and advancing patient outcomes.



Stavya Spine Hospital introduces Gujarats first State-of-the-Art Weight Bearing Spine MRI, bringing new dimensions to spinal surgery

Transforming Diagnostics with Open Standing MRI

Unlike conventional MRIs, which require patients to lie flat for higher-resolution imaging, the Open Standing Esaote's MRI allows for weight-bearing assessments of the spine. This machine is particularly suited to dynamic evaluations of conditions such as scoliosis, degenerative disc disease, and spinal instability. For patients with claustrophobia or anxiety about traditional MRI machines, the Open Standing MRI provides a more comfortable and open environment. Additionally, this technology can also be used to image the knee and hip in weight-bearing positions, offering valuable insights into joint health.

Dr. Mirant Dave, Spine Surgeon at Stavya, explained, "*Our diagnostic philosophy is rooted in understanding how the spine functions under real-life conditions. The Open Standing Esaote's MRI helps us evaluate the behavior of the spine under load, which is invaluable when determining whether a condition requires surgical intervention or can be managed conservatively. This is another step in our mission to deliver*

ethical, evidence-based care."

The Open Standing MRI is an essential tool for conditions where dynamic, functional imaging is critical."

Advanced Spine Care at Stavya

Stavya Spine Hospital has set itself apart as a center of excellence for spine care, combining cutting-edge technology, expert medical professionals, and a patient-first philosophy. As the only hospital in India exclusively dedicated to spine care, Stavya offers a comprehensive range of advanced treatments and diagnostics:

- **Robotics in Spine Surgery**: Revolutionizing complex procedures with enhanced precision and minimal risk.
- **Endoscopic Spine Surgery**: Delivering minimally invasive solutions for faster recovery and reduced discomfort.
- **German Advanced Physiotherapy**: Employing structured, evidence-based rehabilitation techniques for long-term recovery.

These technologies and techniques have been meticulously integrated into Stavya's framework to provide a holistic approach to spine care. Every patient's journey-from diagnosis to treatment and rehabilitation-is tailored to their specific needs, ensuring optimal outcomes and long-term spine health.

Dr. Bharat Dave, Director and Spine Surgeon, remarked, "*At Stavya, we have always prioritized integrating the best of technology, talent, and treatment methods to provide our patients with comprehensive spine care. The Open Standing MRI complements this approach, helping us better understand and treat conditions that require dynamic imaging.*"

The Team of Experts at Stavya

Stavya Spine Hospital prides itself on its team of highly skilled spine surgeons and physiotherapists who are dedicated to providing the best care. The surgical team includes:

- Dr. Bharat Dave
- Dr. Mirant Dave
- Dr. Ajay Krishnan
- Dr. Hitesh Modi
- Dr. Shivanand Mayi
- Dr. Raviranjan Rai
- Dr. Mukesh Patel
- Dr. Devanand Degulmadi

Together, this team brings decades of experience and expertise in managing complex spine conditions through advanced surgical techniques and ethical decision-making. The team's collaborative approach ensures every patient receives the most effective care, whether surgical or conservative.

Stavya also boasts a world-class physiotherapy team, led by Dr. Akruti Dave, that works in close coordination with the surgeons to create comprehensive rehabilitation plans. Their focus is on ensuring patients regain optimal mobility and strength, whether recovering from surgery or managing their condition through conservative means.

Physiotherapy and Spine Health Checkups

Physiotherapy is a cornerstone of spine care, and Stavya emphasizes its role in both surgical and non-surgical treatment plans. Tools like the Open Standing MRI are invaluable for understanding a patient's functional

limitations and tailoring rehabilitation programs accordingly.

Dr. Akruti Dave, Head of Physiotherapy, shared, "*Physiotherapy plays a vital role in improving patient outcomes. The Open Standing MRI helps us assess the mechanical and functional aspects of the spine more effectively, which is essential in designing personalized recovery plans. It also enhances our ability to help patients who are pursuing conservative care options.*"

In addition to rehabilitation, Stavya has introduced Spine Health Checkups, a comprehensive program aimed at early detection and prevention of spine-related issues. The Open Standing MRI plays a central role in these checkups by offering dynamic imaging that uncovers subtle abnormalities and helps guide proactive treatment.

Dr. Akruti Dave added, "*Spine Health Checkups are critical for detecting problems early, especially in individuals with sedentary lifestyles, poor posture, or chronic back pain. The Open Standing MRI allows us to offer patients a detailed understanding of their spine health, enabling timely interventions that can prevent further complications.*

Two Decades of Trust and Global Impact

Stavya Spine Hospital has built a legacy of trust over 20 years, treating thousands of patients from across India and the world. Patients turn to Stavya not only for its advanced technology but also for the hospital's unwavering commitment to ethical, patient-first care.

In addition to its clinical impact, Stavya has been instrumental in training over 100 spine surgeons, many of whom now practice internationally. This focus on education and mentorship has helped Stavya contribute to the global advancement of spine care, ensuring its expertise reaches far beyond the hospital's walls.

A Vision for the Future: Asia's Largest Exclusive Spine Hospital

Looking to the future, Stavya is preparing to launch a new Center of Excellence in 2025, which will be the largest exclusive spine hospital in Asia. This landmark facility will expand Stavya's capabilities, featuring advanced diagnostic and treatment technologies, increased capacity for patient care, and dedicated spaces for research and education. This project underscores Stavya's ambition to remain at the forefront of spine care globally.

Mrs. Amita Dave, Managing Director, stated, "*As we prepare for this new chapter, our focus remains on maintaining the trust of our patients. The Open Standing MRI is more than just a new diagnostic tool-it reflects our values of transparency, ethics, and a commitment to providing the most appropriate care for each individual.*"

The Value of Transparency in Diagnostics

At Stavya, transparency is central to its care philosophy. The introduction of the Open Standing MRI is no exception. By openly sharing the specifications and purpose of this tool, Stavya ensures patients understand its role in their diagnostic journey.

Dr. Preety Krishnan, Radiologist, explained, "*The Open Standing MRI is an important tool for specific spine conditions that require imaging in natural, weight-bearing positions. It's ability to provide functional insights into the spine's behavior is invaluable for certain diagnoses. This transparency helps patients feel confident and informed about their care.*"

About Esaote Group

Esaote Group is a leader in medical imaging (ultrasound, MRI and diagnostic process management software). At the end of

2023, the Group had 1,250 employees, half of which are based in Italy. With facilities in Genoa and Florence and its own production and research units in Italy and the Netherlands, Esaote is present in over 100 countries worldwide. www.esaote.com

About Stavya Spine Hospital

Stavya Spine Hospital is committed to providing world-class spine care through a compassionate, patient-focused approach. Specializing in the diagnosis, treatment, and rehabilitation of spinal conditions, the hospitals team of highly skilled doctors, surgeons, and healthcare professionals is dedicated to delivering advanced, personalized care to enhance the quality of life for its patients.

With state-of-the-art facilities and cutting-edge technology, Stavya Spine Hospital offers a wide range of services, including minimally invasive spine surgery, non-surgical treatments, pain management, and physical therapy. Whether patients are dealing with chronic back pain, spinal injuries, or degenerative conditions, the hospital provides tailored solutions to meet their unique needs.

For more information, please contact: www.stavyaspine.com.