

Lilavati Hospital Launches Mumbai's First OMEGA 3T MRI

By **The Indian Practitioner** - September 3, 2025



Credits: Press release

Lilavati Hospital & Research Centre today unveiled the OMEGA 3T MRI, a next-generation diagnostic imaging system that blends advanced technology with patient-focused design. This marks the first installation of its kind in Mumbai, offering unmatched speed, precision, and comfort to patients of all age groups. The new system was inaugurated by permanent trustees Mr. Rajiv Mehta and Mr. Prashant Mehta in the presence of other trustees, senior doctors, hospital management, and staff.

World's First 75 cm Ultra-Wide Bore

The OMEGA 3T MRI stands out with the world's first 75 cm ultra-wide bore. This unique feature ensures greater accessibility and comfort, especially for claustrophobic, elderly, pediatric, and bariatric patients. Moreover, its Silent MRI Technology significantly reduces acoustic noise, creating a calm and stress-free environment for patients undergoing scans.

AI-Powered Imaging for Faster and Sharper Results

Equipped with Advanced AI-Powered Imaging, the OMEGA system uses deep learning reconstructions to deliver faster scans and sharper images. The 3T superconducting magnet and advanced homogeneity provide crystal-clear images with superior tissue contrast. As a result, clinicians can complete scans in just 10–12 minutes compared to the conventional 30–40 minutes. In fact, with speeds up to 36 times faster than standard MRI, the system minimizes patient discomfort and reduces motion artifacts, which is particularly valuable in pediatric and emergency cases.

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Comprehensive Imaging Across Specialties

The new system supports full-body imaging across multiple specialties, including neurology, cardiology, oncology, orthopedics, abdomen, pelvis, breast, vascular, and spine. Its 300 kg capacity table accommodates a wide spectrum of patients. In addition, automated setup tools such as EasyScan and AutoPositioning shorten preparation time, enabling clinicians to focus on patient care while ensuring quicker and more reliable results.

Leadership Perspectives

Highlighting the importance of this milestone, Mr. Rajiv Mehta, Permanent Trustee, said: “It gives me great pleasure to welcome you all as we unveil yet another milestone in Lilavati Hospital’s journey. The installation of Mumbai’s first OMEGA 3T MRI represents a significant step forward in our commitment to adopting next-generation medical technology. As a trust, we have always strived to bring world-class innovations to our patients. This advancement reinforces our vision of delivering healthcare that is both scientifically advanced and deeply centered on patient well-being.”

Echoing this commitment, Mr. Prashant Mehta, Permanent Trustee, added: “Lilavati Hospital has always been at the forefront of adopting cutting-edge medical technologies. With the OMEGA 3T MRI, we are raising the standard of patient care by offering quicker, quieter, and more precise scans while ensuring maximum comfort. This launch reflects our unwavering pursuit of excellence in healthcare and our dedication to providing world-class services to the people of Mumbai and beyond.”

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24×7 MRI Suite with Patient-Friendly Amenities

As per the press release, the MRI suite at Lilavati Hospital will operate round the clock, supported by patient-friendly amenities such as calm lighting, ventilation, music, and voluntary sedation for children or anxious patients. This initiative underscores Lilavati Hospital’s dedication to patient-centric innovation, setting a new benchmark in diagnostic care while staying true to its philosophy of offering more than healthcare – human care.