

## Lilavati Hospital launches Mumbai's first OMEGA 3T MRI system

The hospital introduces advanced diagnostic imaging with ultra-wide bore, Silent MRI Technology, and AI-powered imaging

### News

 By [EH News Bureau](#) On **Sep 9, 2025**



[0 395](#)



Share

Lilavati Hospital & Research Centre has announced the launch of the OMEGA 3T MRI, a new diagnostic imaging system designed with advanced technology and patient-centric features. This is the first installation of its kind in Mumbai. The system was inaugurated by permanent trustees Rajiv Mehta and Prashant Mehta in the presence of other trustees, senior doctors, management, and staff of the hospital.

The OMEGA 3T MRI includes the world's first 75 cm ultra-wide bore, which allows greater comfort and accessibility for patients. It is designed to accommodate claustrophobic, elderly, paediatric, or bariatric patients. Silent MRI Technology reduces acoustic noise, creating a quieter environment during procedures. The system also features AI-powered imaging with deep learning reconstructions to enable faster scans and sharper results.

The system uses a 3T superconducting magnet and advanced homogeneity to produce clear images with strong tissue contrast. Scans can be completed in 10–12 minutes

compared to the conventional 30–40 minutes. With scanning speeds up to 36 times faster than standard MRI, clinicians can obtain detailed images in less time. This reduces patient discomfort and motion artifacts, which is significant for paediatric and emergency cases.

The OMEGA 3T MRI supports full-body imaging across neurology, cardiology, oncology, orthopaedics, abdomen, pelvis, breast, vascular, and spine. The system includes a 300 kg capacity table to accommodate a wide range of patients. Automated setup tools, including EasyScan and AutoPositioning, reduce preparation time for scans.

Rajiv Mehta, Permanent Trustee, said, “It gives me great pleasure to welcome you all on this occasion as we unveil yet another milestone in Lilavati Hospital’s journey. The installation of Mumbai’s first OMEGA 3T MRI marks a significant step forward in our ongoing commitment to enhancing the hospital’s capabilities with next-generation medical technology. As a trust, we have always strived to bring world-class innovations to our patients, and this advancement reinforces our vision of delivering healthcare that is not only advanced in science but deeply centred on patient well-being.”

Prashant Mehta, Permanent Trustee, added, “Lilavati Hospital has always been in the vanguard of embracing cutting-edge medical technologies. With the launch of the OMEGA 3T MRI, we are pushing the standard of patient care by providing quicker, quieter, and more precise scans, all while maximising patient comfort. This project is a culmination of our continued commitment to excellence in healthcare and our drive to provide world-class medical services to the people of Mumbai and beyond.”

The MRI suite will be operational 24×7, offering supportive amenities including calm lighting, ventilation, music, and voluntary sedation for children or nervous patients.