

# Lilavati gets fastest CT and high generation MRI scanner

By A Staff Reporter

On Friday, August 31, Lilavati Hospital became the only hospital in Mumbai to have both the SOMATOM Definition Flash, the world's safest and fastest CT scanner and the Phillips Ingenia 3-Tesla, the highest generation MRI scanner that will help in early detection of lifestyle diseases, sport injuries, strokes, cardiovascular ailments, etc. Fast, accurate and safe investigative scans of the body done by these two scanners will not only help patients but also doctors in proper diagnosis and plan for fast treatment options.

Phillips Ingenia 3-Tesla MRI scanner, the highest generation MRI scanner having digital technology can be used in stroke management, detection of tiny haemorrhages, spine imaging, various cardiac applications, breast imaging, orthopaedic imaging



Lilavati Hospital inaugurates world's safest, fastest and most advanced MRI and CT scanner.

whole body (Liver, renal, gynaecological, etc) and vascular imaging, early detection of clots/ blockages to reduce morbidity and the 3-Tesla MRI improves the image quality, is faster and is equipped with latest software leading to increased diagnostic capabilities. Unique digital broadband MRI captures the pure and increased signals with greater diagnostic accuracy. An extended ultra-large up

to 55 cm field-of-view gives extended coverage for the whole body MRI. The Wide bore of 70cm makes it more comfortable for patients and leads to less claustrophobia. The other benefits to the patients are reduced acoustic noise, better accuracy, faster scanning, and lesser repositioning.

"The SOMATOM Definition Flash CT Scanner reduces harmful radiation ensuring a healthier scan for the patients. A non-invasive Coronary Angiography if performed on a SOMATOM CT is nearly 95 per cent accurate and almost as effective as the results of a conventional invasive catheter angiogram. This is also very useful for follow-up with patients who have had a bypass surgery or angioplasty/stents to check the patency of the grafts/stents," said Dr. Manoj Deshmukh, Sr. Consultant Radiologist (CT) Lilavati Hospital.