

HOD introduces One-Beat Cardiac CT at Lajpat Nagar

Highlights

- ❖ 640-Slice Cardiac CT for whole-heart imaging in a single rotation
- ❖ Advanced cardiac imaging for complex coronary anatomy, arrhythmia and variable heart rates

September 1, 2026, New Delhi: House of Diagnostics (HOD), a pioneer in the field of diagnostics and pathology, has introduced the advanced uCT 960+, a 640-slice CT system, at its [Lajpat Nagar](#) centre, bringing advanced cardiac imaging capabilities to patients across Delhi-NCR. The system is first in North India and is designed to capture the entire heart in a single rotation, supporting detailed cardiac imaging even in patients with high or irregular heart rates.

Unlike conventional 128- or 256-slice scanners, the uCT 960+ is designed to acquire the whole heart within a single rotation, reducing the need to combine images acquired across multiple heartbeats. With a 0.25-second rotation speed and 25 ms temporal resolution, the system is designed to support detailed imaging of the moving heart while helping address motion-related challenges during cardiac CT.

Speaking about the launch, Dr Shubham Sogani, CEO of House of Diagnostics, said, “The introduction of One-Beat Cardiac CT at our Lajpat Nagar centre marks another step towards strengthening our capabilities in advanced cardiac imaging. The technology is designed to support cardiac imaging across a broad range of clinical scenarios, including cases where motion and heart-rate variability can present imaging challenges. With this technology, we continue to expand access to advanced diagnostic capabilities while maintaining our focus on quality, efficiency and patient-centric care.”

Cardiac CT is widely used for evaluating the coronary arteries, cardiac anatomy and other cardiovascular conditions. By providing detailed cross-sectional images of the heart and surrounding structures, it can support clinical evaluation across a range of cardiac indications.

The uCT 960+ combines 640-slice Dual-Energy CT with a 16 cm wide detector to enable whole-heart coverage in a single rotation, eliminating the need for stitching or repeat acquisition in appropriate cases. With a 0.25-second rotation speed and 25 ms temporal resolution, the system is designed to capture the moving heart with greater motion clarity. Its ultra-high-resolution imaging and ultra-low-dose scanning capabilities further support detailed cardiac imaging, while its rapid acquisition is designed to help reduce motion artefacts in cases involving fast or irregular heart rates, subject to clinical protocol and patient factors.

The system features an 82 cm wide bore, providing additional space during scanning and supporting patient comfort. Its AI-enabled image reconstruction technology is designed to support image quality and visualisation, while its free-breathing cardiac imaging capability may help reduce the need for breath-holding in appropriate cases.

The uCT 960+ is designed to support challenging cardiac imaging, including cases involving complex coronary anatomy, coronary stents, calcification and patients with a history of coronary artery bypass grafting (CABG). Its rapid acquisition capabilities may also support imaging in cases involving arrhythmia, variable heart rates and situations where heart-rate management may be challenging or contraindicated. The technology may further support cardiac imaging in paediatric patients, where higher heart rates and limited breath-holding ability can present additional imaging challenges.

The addition of the uCT 960+ **One-Beat Cardiac CT** further strengthens the diagnostic capabilities of HOD's Lajpat Nagar centre, which brings advanced imaging, cardiac, neurological and pathology services under one roof. The centre offers a comprehensive range of diagnostic services, including Digital 3T MRI, PET-CT, Mammography, DEXA, Echocardiography, TMT, EEG, EMG, NCV, Uroflowmetry, X-ray and a comprehensive range of blood tests.

The launch is part of HOD's continued expansion of advanced diagnostic infrastructure across key markets, with a focus on bringing specialised imaging technologies closer to patients while maintaining established standards of quality, safety and operational efficiency.



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About HOD

House of Diagnostics is a fast-growing, technology-driven diagnostic service provider transforming healthcare access across India. A B2C-focused integrated diagnostics platform, HOD offers pathology, radiology and nuclear medicine services through a network of 14 Integrated Centres and over 200 collection centres across Delhi-NCR and Mumbai. Driven by innovation, operational efficiency and patient trust, HOD has built strong consumer recall and high repeat usage, and is steadily expanding towards becoming a pan-India leader in diagnostics and pathology services.



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