

HOD launches Advanced Digital PET-CT at Pusa Road

Highlights

- ❖ Advanced imaging with faster scans, enhanced precision, and lower radiation dose.
- ❖ Comprehensive radiology and pathology services under one roof.

May 20, 2026 – New Delhi: House of Diagnostics (HOD), a pioneer in the field of diagnostics and pathology, has launched the advanced uMI 550 Digital PET-CT scanner at its Pusa Road Integrated Centre. The imaging modality further strengthens the company's commitment to deliver cutting-edge and patient-centric diagnostic services across Delhi-NCR.

Speaking about the launch, Dr Shubham Sogani, CEO of House of Diagnostics, said, "The new digital PET CT makes use of AI-driven precision to support clinicians in detecting even very small lesions with greater accuracy and confidence. The addition strengthens our commitment to expand comprehensive cancer care diagnostics across Delhi-NCR. Faster imaging and improved workflow efficiency not only help reduce delays in diagnosis and treatment but also support timely intervention and better patient outcomes."

PET-CT scans are widely used in the diagnosis and management of cancer, cardiovascular diseases, neurological disorders, and other complex medical conditions by providing accurate and timely clinical information.

He further added, "Advanced imaging technologies continue to play a critical role in oncology and precision diagnostics. With exceptional sensitivity, high image quality, and optimised low-dose protocols, the new PET-CT system is designed to deliver accurate clinical insights while enhancing overall patient experience."

A key highlight of the uMI 550 Digital PET-CT is its ultra-high resolution capability, enabling clinicians to visualise fine anatomical details and identify small lesions at an earlier stage. The system integrates advanced Integrated-Light-Guide Digital PET Detectors with enhanced Time-of-Flight (TOF) technology to improve image contrast, reduce noise, and accelerate image reconstruction.

The Digital PET-CT also supports faster whole-body scans with a lower radiation dose, helping improve patient safety and comfort without compromising imaging quality. Additional features such as AI-powered iterative reconstruction and Metal Artifact Correction (MAC) further enhance diagnostic accuracy and image clarity.

Designed with patient comfort in mind, the system features a large field of view and efficient low-dose imaging protocols, enabling a faster and more comfortable scanning experience.

With the addition of Digital PET-CT, the [HOD Pusa Road](#) Integrated Centre now offers a comprehensive range of advanced diagnostic services under one roof, including 3T MRI, 160-slice Cardiac CT, 3D/4D Ultrasound, pathology services, and specialised imaging solutions. This launch reflects HOD's continued focus on expanding access to world-class diagnostic technologies while maintaining high standards of quality, safety, and operational excellence.



About HOD

HOD is a young, dynamic and rapidly growing integrated medical diagnostic service provider, making a positive impact in India's healthcare sector. With a vision to be a pan-India healthcare player, the company is currently managing its operations in Delhi-NCR, with plans to expand rapidly into other parts of the country. HOD operates 13 Integrated Service Centres offering radiology, pathology and nuclear medicine services, with a footprint spanning over 200+ blood collection centres across the national capital region. HOD is committed to serving people with reliable and quality diagnostic and pathology services using the latest state-of-the-art technology supported by strict internal and external quality assessments and controls.

