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Mahajan Imaging & Labs introduces AI-enabled CT scanner

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Offers ultra-low-radiation scans with high-definition images



Mahajan Imaging & Labs has announced the addition of a state-of-the-art Dual Energy Spectral CT Scanner, to its Gurugram centre. The Dual Energy CT Scanner is equipped with exceptional technology designed to guarantee precise and accurate diagnoses across a diverse spectrum of medical conditions with a remarkable rotation speed of just 0.3 seconds. This means patients can get their scans done quickly without compromising the quality of the images.

One of the key benefits for patients is the low radiation exposure. The scanner uses ultra-low-dose protocols, which are especially beneficial preventive cardiac scans and for scanning for children, minimizing exposure to radiation during scans.

It also features artificial intelligence or AI-enabled advanced software that enhances early disease detection, particularly notable in cardiac screening.

The CT Scanner reduces the radiation dose for cardiac patients by up to 85%, making it much safer for individuals undergoing heart-related scans. The unique ultra-fast, high-definition Dual-Energy CT scan provides spectral analysis of body tissues and disease states, adding a new dimension to routine CT imaging. This leads to better lesion characterization and tissue analysis non-invasively.

While addressing the launch, Dr Harsh Mahajan, Chairman & Founder & Chief Radiologist, Mahajan Imaging & Labs, said, "Leveraging Artificial Intelligence, the scanner promises improved diagnostic accuracy and efficiency, aiming to improve patient outcomes and healthcare delivery. The CT Scanner offers superior image quality with high-definition ultra thin images and the best spatial resolution, enabling doctors to make more accurate diagnoses. This is particularly crucial for detecting and analysing even the smallest details in the body."