

HOD installs Digital 3T MRI at Karkardooma Centre

Highlights

- ❖ AI-driven technology for highly accurate scans
- ❖ Powerful magnet ensures unparalleled image clarity
- ❖ uCS technology enables high-resolution 3D imaging and improved detection of small lesions

November 1, 2024, Delhi: House of Diagnostics (HOD), a renowned name in the field of diagnostics and pathology, has launched the uMR 780, a digital 3T MRI, at its [Karkardooma centre](#), marking a significant leap forward in advanced medical imaging. This state-of-the-art 3T MRI system is designed to redefine how healthcare providers diagnose complex medical conditions, from neurological to musculoskeletal and cardiac disorders.

The uMR 780 integrates cutting-edge digital technology with a powerful 3 Tesla magnet, ensuring exceptional magnetic field homogeneity, which delivers unparalleled image clarity and precision. Equipped with ACS (AI-assisted Compressed Sensing), the system delivers highly accurate scans by optimising image quality and minimising errors. Its uCS (Ultra Compressed Sensing) feature allows for high-resolution 3D imaging, significantly improving the detection of small lesions for more precise diagnoses.

The scanner comes with 48 high-channel RF, which when combined with integrated high-density coils, boosts the Signal-to-Noise Ratio (SNR) to deliver clearer and more detailed images. The uMR 780 is designed keeping patient comfort in mind. It features an in-bore video entertainment system that helps reduce anxiety and discomfort during scans. The system also offers faster scan times—just 15-20 minutes—making the MRI experience more efficient and comfortable.

Dr. Shubham Sogani, CEO of House of Diagnostics, said, “The introduction of the uMR 780 [Digital 3T MRI](#) at our Karkardooma centre is a significant milestone in our commitment to providing the most advanced diagnostic technologies available to our customers. This new MRI system enables us to provide faster, more accurate diagnostics, enhancing patient care and helping clinicians to make quicker and more informed decisions. We are dedicated to remaining at the forefront of diagnostic innovation, and the new MRI strengthens our position as a leader in diagnostic care.”

The 3T MRI provides comprehensive imaging capabilities for a wide range of clinical conditions, including brain and spine disorders, joint and soft tissue abnormalities, cardiovascular conditions, and more.

HOD Karkardooma’s state-of-the-art diagnostic centre follows rigorous quality assurance practices to ensure that every patient receives the highest standard of care. Along with the uMR 780, the centre offers a wide array of diagnostic and pathology services, including advanced imaging technologies like low-dose CT scans, DEXA, Mammography, echocardiography, and a comprehensive range of blood tests and health packages suitable for all age groups.

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About HOD

House of Diagnostics (HOD) is a dynamic and rapidly growing medical diagnostic service provider with a vision to expand its footprint across India. Currently operating in the Delhi-NCR, HOD offers a wide range of diagnostic and pathology services, including radiology, pathology, and nuclear medicine, through its integrated service centres and a network of over 170+ blood collection centres. HOD is committed to delivering reliable, high-quality diagnostic solutions using the latest in medical technology, supported by strict internal and external quality control systems.



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