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Fujifilm India installs first-ever â??Smartâ?? MRI machine at Sarvodaya Hospital, Greater Noida

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Equipped to consume low power at 29 kVA, this machine is cost-effective and environment-friendly



Fujifilm India, the Indian arm of Japan-headquartered company Fujifilm, has announced the first-ever installation of the new *Magnetic Resonance Imaging* (MRI) machine Echelon Smart 1.5 Tesla in Sarvodaya Hospital, Greater Noida West (Noida Extension).

Costing Rs 7 crore, the new MRI machine by Fujifilm India provides functions for patient-friendly acoustic noise reduction (Smart Comfort), operator-friendly operation support and environment-friendly low power consumption. The device is a 1.5T Superconductive MRI system with the high image quality of the high magnetic field achieved by Fujifilm technology and with a flexible site layout inherited from a permanent magnet MRI system.

The MRI system has a power consumption of 29 kVA under general conditions and comes with smart technologies including SmartECO, SmartSPACE, SmartCOMFORT, SmartSPEED, and SmartQUALITY. While SmartECO reduces heat generation and provides economical running costs, SmartSPACE has a small footprint and flexible layout. SmartCOMFORT features soft sound technology that provides a 94% reduction in noise and offers quiet scanning without any compromise with image resolution and applies to SE, FSE, FIR, GRE, and DWI sequences. SmartSPEED features Autopose for Brain and Spine under a quick scan plan, besides Whole Body Diffusion, IsoFSE –Single volume acquisition to generate isotropic images in all planes and RADAR- Versatile motion artefact Reduction.