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Fortis Noida acquires Medtronic's â??O-armâ?? intra-operative X-Ray rechnology

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To transform complex surgeries, particularly for the orthopaedic, neurological and trauma care



In a major leap for advanced surgical care, Fortis Hospital Noida has become the first hospital in Noida to install the state-of-the-art ‘O-arm’ intra-operative X-ray system.

This breakthrough technology enables surgeons to visualise bones, implants -screws, plates, rods and catheters with high precision during surgery. Its highly enabled technological design enables the patient to be positioned within the circular scanner for a complete spine scan. This supports minimally invasive techniques, shorter operation times and significantly lower radiation exposure for both patients and medical teams.

When used with neuro navigation, the system acts like a GPS inside the body and enables surgeons to place implants with 99.9 percent accuracy while reducing surgical trauma and recovery time. Smaller incisions and minimal muscle injury contribute to faster healing and a reduced risk of infection.

Speaking about the new technology, Dr Rahul Gupta, Senior Director and HOD, Neuro and Spine Surgery, Fortis Hospital, Noida said, “The O-arm will greatly improve the accuracy and safety of surgeries. With advanced imaging and real time navigation, we can perform complex procedures with smaller cuts, less muscle damage, lower radiation exposure and quicker recovery time for patients. This pioneering technology significantly reduces surgery duration, lowers infection risks and enhances recovery outcomes. For patients, it means less pain, smaller scars and a quicker return to normal life. For surgeons, it offers unmatched clarity and confidence during critical procedures.”

With this addition, Fortis Hospital Noida further strengthens its position as a leader in healthcare technology. Fortis Noida is already equipped with modular operation theatres, robotic surgery capabilities and high-definition imaging systems, enabling it to deliver excellent medical care to patients from across the region.