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Pristyn Care introduces robotic knee replacement in Pune

04 April 2023 | News

Deccan Hardikar hospital has installed the state-of-the-art CUVIS Joint Robotic system



Gurugram-based startup Pristyn Care forays into fully automatic robotic-assisted total knee replacement surgery in Pune. 120-bed multi-speciality hospital Deccan Hardikar has installed the state-of-the-art CUVIS Joint Robotic system from medtech giant Meril which has assisted Pristyn Care surgeons in performing many types of complex procedures with more precision, flexibility and control than is possible with conventional techniques.

According to WHO, nearly 18 percent of women and 9.6 percent of men over 60 years suffer from osteoarthritis worldwide. In India, osteoarthritis is the second most common rheumatologic problem and affects more than 180 million people in India. With the prevalence of arthritis in India increasing at a higher pace, a breakthrough introduction of the CUVIS robotic system for knee replacement by Pristyn Care will ensure that surgical procedure is performed with a new degree of precision, enhancing patient outcomes.

This new system uses artificial intelligence (AI), computer-assisted programmes and robots to assist surgeons in performing this complex procedure. Its advanced 3D visualisation and intuitive control systems offer the best level of precision, accuracy and control that has never been seen before. Other advantages include achieving great results, ensuring the best implant position with improved longevity, durability and minimising human errors. It also helps in the patient's faster recovery and early discharge from the hospital.

Pristyn Care with its advanced robotic surgery techniques eyes the potential to tap into medical tourism which is expected to grow to $13 billion by 2026.