

Benefits of Robotic Technology amidst the COVID-19 pandemic

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At a time, when people are afraid of visiting hospitals due to the pandemic, Robotics surgery has been gaining preference by providing much-needed relief to both doctors and patients by changing the way surgeries are performed.

Robotic Technology Benefits during the COVID-19 pandemic:

Opposed to traditional surgery, robotic surgery allows much quicker recovery with faster discharge from the hospital, which in turn lowers the risk of COVID-19 infection thus making hospital visits safer for the patient.

With the strong resolve of rendering better patient outcomes especially in the COVID-19 times, **Anup Institute of Orthopaedic and Rehabilitation Centre, Patna** <https://www.aior.co.in/> is now fully prepared to deploy the most modern and innovative system called the robotics arm-assisted technology that will help many patients suffering from pain due to arthritis of the hip or knee.

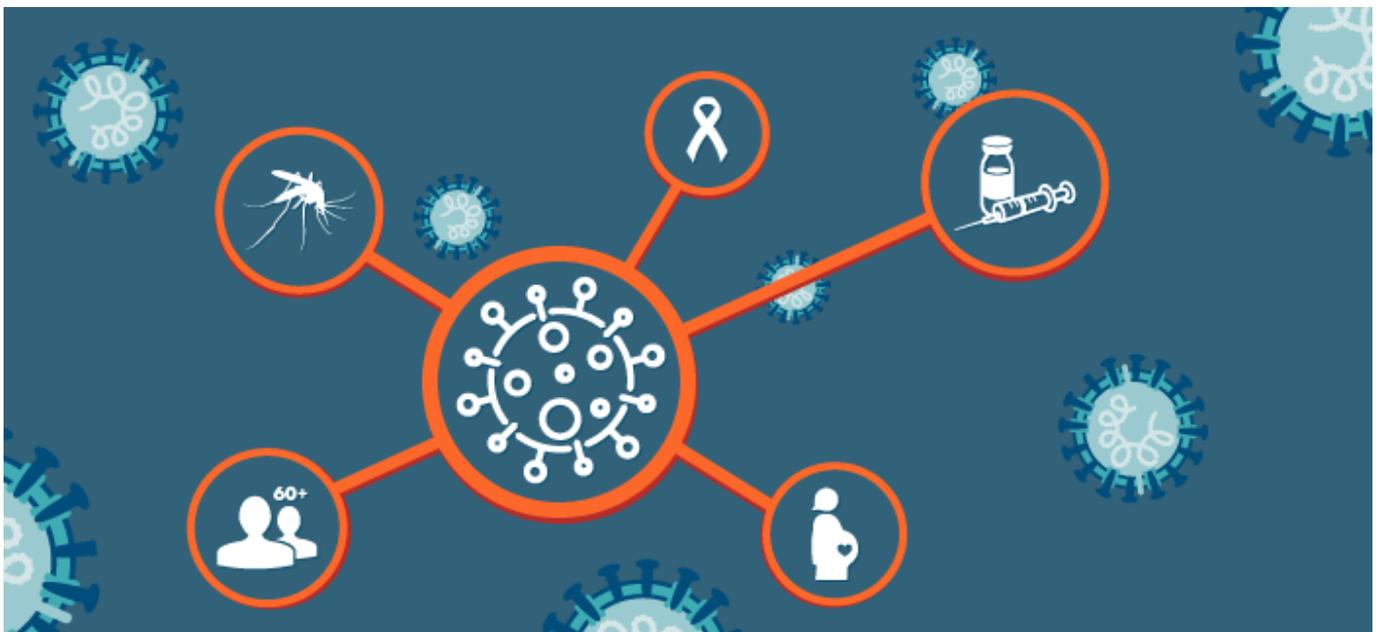
3D CT-based planning software is utilized in the robotic arm-assisted system. This would enable surgeons to get detailed information about patient's anatomy leading to a personalized

plan for joint replacement surgery.

Ahead of the launch, **Dr. Ashish Singh, Consultant,** <https://www.drashishsingh.com/bookappointment/appointment.php>

Anup Institute of Orthopedics and Rehabilitation, Patna, said, “Robotics is the future where in joint replacement surgeries using robotic-arm assisted surgery system enables surgeons to pre-plan and customize each procedure on the basis the anatomy of a patient resulting in better outcomes and surgical accuracy.

Patient’s recovering in a shorter period of time is an apt testimony to it. Orthopedic ailments have increased considerably due to a sedentary lifestyle and deteriorating nutritional patterns, which is leading to arthritis. We are really excited about the installation of the first robotic surgery system at our hospital. Joint replacement with this technology will give a new life to arthritis patients.”



In robotic arm-assisted surgery, everything is pre-planned. With a 3D scanning of the infected joints, it creates a personalized surgical plan for every patient, based on their conditions, anatomy, and diagnosis with accurate incisions before the actual surgery. This gives 100% accuracy, no additional incision, which leads to minimal loss of blood,

less pain, and helps in bone preservation, resulting in the body to recover quickly and return to normalcy.

Such medical advancements have significantly benefited the outcome of joint replacement surgery. This technology is evolving with time and has already proved itself as a game-changer in the orthopedic sector. Orthopedic surgeons worldwide admit that robotic arm-assisted joint replacement surgeries are far better and safer than the conventional methods because of their consistency and precision. Robotic arm-assisted surgery for hip or knee replacement results in a much-improved implant placement. How does that help the patients? The implant is used for a longer period of time and it also lesser revision surgery are required.

Robotics joint replacement surgery India:

At **AIOR Anup Institute of Orthopaedic and Rehabilitation Centre, Patna** <https://www.aior.co.in/best-orthopedic-hospital.php> we use Stryker Mako robot to conduct **Robotics joint replacement surgery**. The best way to know more about our team and facilities is to connect with our expert team at the earliest. Our team is here to counsel and guide you. Stay rest assured you are in good hands.