Robotic Technology and COVID

Faster recovery, quicker hospital discharge enabled by Mako robotic arm-assisted surgery is a gamechanger for joint replacement patients, especially in the present COVID-pandemic situation. **Robotic-assisted joint replacement surgery** is more accurate and precise.

Do you feel constant pain in your joints? Your everyday routine is adversely affected by poor mobility? Do you find yourself struggling to achieve your daily goals? Depending on the condition and pain level of your knees, medications and therapies can be your best recourse. However, when these options fail, partial or total knee replacement surgery is recommended.

Osteoarthritis is the most common joint condition affecting the elderly worldwide. Extremely painful and debilitating in advance cases, over 4 crore arthritis patients are estimated to need a knee replacement in India. Inhibitions to visit hospitals due to the risk of COVID-19 infection has led many patients to lead a painful and compromised quality of life for the last five months.

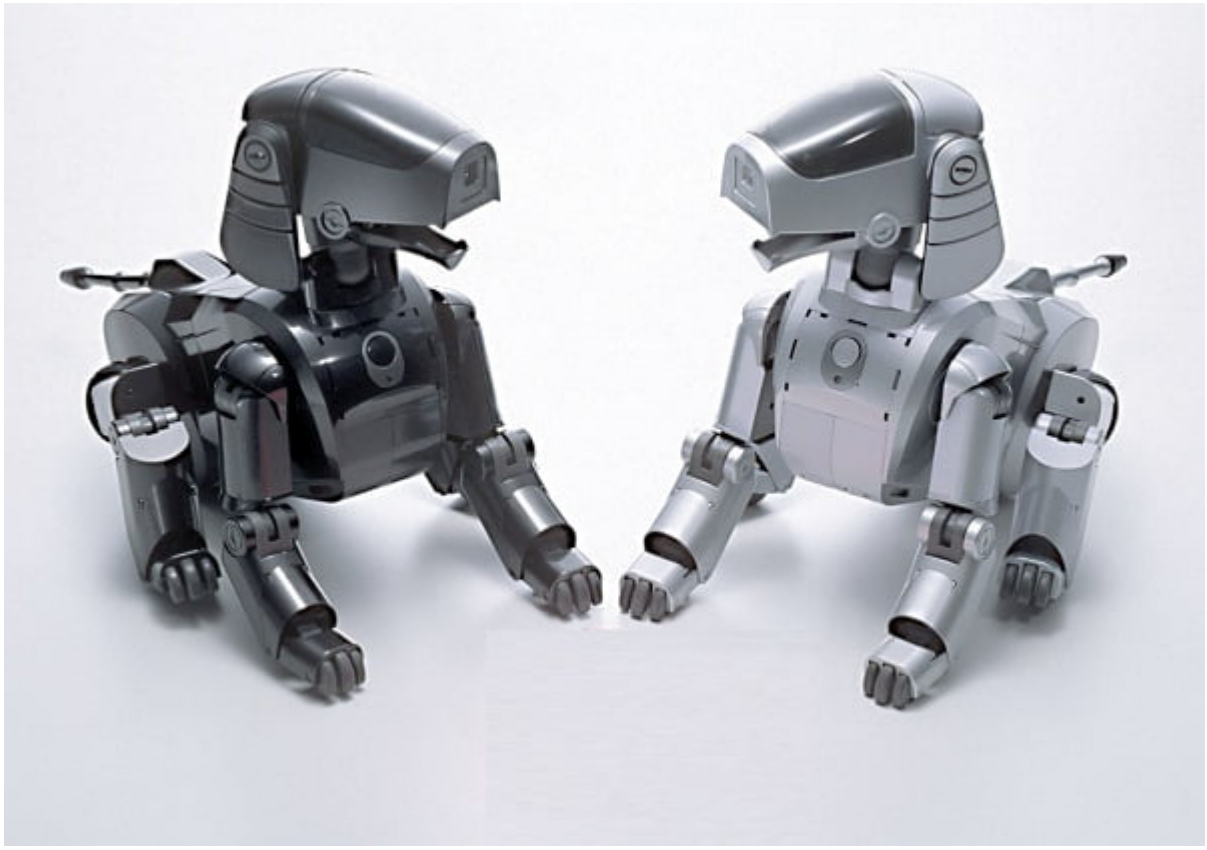
Elaborating on the technology, Dr. Ashish Singh, Consultant Orthopaedic and Robotics Joint Replacement Surgeon shares: “Robotics is the future of healthcare. And Mako Robotic Arm-Assisted Surgery has showcased remarkable results in the last 14 years globally. In conventional joint surgery, a patient might require 5-6 days of hospital stay post-surgery, which in the current scenario can increase their Covid-19 transmission risk. With Mako, we have been successfully able to discharge patients within 3 days, reduce their post-op pain and support faster recovery.”

Benefits of Robotic-Assisted Total Knee Replacement and Hip Replacement surgery are immense thus, they are finding

acceptance and popularity.

In a Mako surgery, everything is pre-planned. This technology enables surgeons to create a personalized virtual plan for each patient based on their specific diagnosis and anatomy of the knee or hip joint. Using the patient's CT scans, the software develops a 3D model of the diseased joint, which helps surgeons to personalized surgical plans, even before entering the operation theatre. "Though conventional knee or hip replacement surgeries are considered to be effective since the last three decades, the Mako System scales up our accuracy from 95% to 100%. Its patient benefits including less blood loss, bone and soft tissue preservation, smaller incision, faster recovery, and quicker discharge were the most compelling conviction to get this cutting-edge technology to Bihar," said Dr. RN Singh, Founder, and Chairman.

Several clinical studies suggest that Mako robotic arm-assisted surgery for hip or knee replacement leads to more accurate implant placement, greater bone preservation, and better patient satisfaction and outcomes.



The cost of robotic hip replacement surgery varies and your choice of hospital should be led by its facilities, knowledge and experience of the team.

Visit the website of Anup Institute of Orthopaedic and Rehabilitation https://www.aior.co.in/ and connect with its team https://www.drashishsingh.com/bookappointment/appointment.php to get assistance and guidance about **Robotic-assisted joint replacement surgery.**