

FAQ'S

1. What is robotic joint surgery?

Robotic joint surgery involves using a surgical robot to assist the surgeon in performing precise and minimally invasive procedures on joints.

2. How does robotic joint surgery work?

During the surgery, the surgeon controls a robotic system, which translates their movements into precise actions, enhancing accuracy and flexibility.

3. What are the benefits of robotic joint surgery?

Benefits include increased precision, smaller incisions, reduced pain, quicker recovery, and improved outcomes compared to traditional methods.

4. Is robotic joint surgery suitable for everyone?

While it's effective for many patients, suitability depends on various factors. The surgeon will assess your specific condition to determine the best approach.

5. Does robotic surgery mean complete autonomy for the robot?

No, the surgeon remains in control throughout the procedure. The robot assists and enhances the surgeon's skills.

6. How long does recovery take after robotic joint surgery?

Recovery times vary, but patients often experience quicker healing and return to normal activities sooner compared to traditional surgery.

7. Are there risks associated with robotic joint surgery?

As with any surgery, there are potential risks, but the precision of robotic surgery may minimise certain complications.

8. Is robotic joint surgery more expensive than traditional methods?

Costs may vary, but the potential benefits and shorter recovery times could contribute to overall healthcare savings.

9. Can any surgeon perform robotic joint surgery?

Surgeons undergo specific training to operate the robotic systems. It's important to choose a surgeon experienced in robotic-assisted procedures.

10. Which joints can be operated on using robotic surgery?

Robotic surgery is used for various joints, including knees, hips, and shoulders, depending on the surgeon's expertise and technology available.

ONLINE CONSULTATION

- Audio / Video Consultation
- Comprehensive & Virtual examination with
- Diagnosis making - Report evaluation
- (X-ray-MRI-Blood Tests) - Virtual Prescription - Details Counselling and lifestyle modification



TO BOOK AN APPOINTMENT

HOW IT WORKS

01

START A CHAT

Whatsapp on +91 90995 79958

02

PAY THE FEE on Number provided by the doctor PAYTM / GOOGLE PAY

03

START CONSULTING

at appointed time via AUDIO / VIDEO

04

FORGOT TO ASK ANYTHING?

Follow up consultation valid for 7 Days

Email : drishantimmanuel@gmail.com

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**“LET US
HELP YOU WALK
WITH EASE.”**

*With fully automated
Robotic KNEE & HIP
Replacement Surgery*

DR. NEHA PATEL

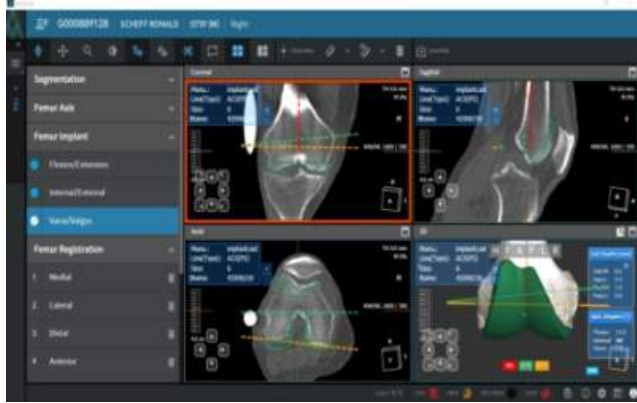
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WHY ROBOTIC ARTIFICIAL JOINT SURGERY IS GOOD?

01 Personalized pre-planning

As each person has a different face, the shape of bone is also different. Meril's artificial joint surgical robot CUVIS Joint® shows the patient's bone in 3D images, and the doctor can use those images for pre-planning of surgery personalized for the patient.



02 Pre-selection of artificial joint and precise insertion of artificial joint

What's as important as the precise surgical plan is to select and insert the personalized artificial joint. The doctor uses robot to select an artificial joint for the patient and insert it accurately.



03 Personalized pre-planning

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04 Personalized pre-planning

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ADVANTAGES OF CUVIS JOINT

SIMPLICITY

- Bone registration using probe
- Improved workspace check
- 3D bone model generation with fast and easy CT image data
- UI design considering user convenience
- Reduce the surgery preparation time - 3D modeling, Non-Sterile/Sterile Diagnosis

FLEXIBILITY

- Various cutting options
 - Full and partial cutting
 - change cutting order
- Intra-operative Gap Check - Pre/Intra/Post
- Plan changing, Gap Balancing possible

SAFETY

- Real-time system monitoring Emergency stop & force freeze
- Manual guide of robot arm.

ACCURACY

- Precise pre-surgical planning executed every time
- Sub-millimeter dimensional accuracy
- Optimal Alignment

**“TAILORED SURGERIES,
UNIQUE TO EACH PATIENTS NEEDS.”**

BENEFITS OF ROBOTIC JOINT REPLACEMENT

- MINIMAL PAIN
- MINIMAL BONE LOSS
- GREATER COMPONENT ACCURACY
- WALK WITHIN HOURS OF SURGERY
- MINIMAL BLOOD LOSS
- BETTER ALIGNMENT OF JOINT
- INCREASED LIFE SPAN OF JOINT
- FASTER RECOVERY TIME