Mr Vishal Pai
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When is a Robotic Partial Knee Replacement Surgery Needed



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Arthritis does not always involve the entire knee joint. Sometimes, the damage remains within one compartment. Robotic partial knee replacement surgery may be an option in these cases. An examination and suitable imaging can show how far the joint changes have progressed.

What Happens During the Procedure

Robotic technology can assist with the preparation and positioning required during surgery. It gives the surgeon additional information throughout key stages.

- Imaging helps map the knee before surgery
- The planned position can be checked during the procedure
- Bone preparation is guided using robotic technology
- The affected compartment remains the focus of treatment
- Surgical decisions remain with the treating surgeon

The robotic system is an aid used during the operation. It does not make treatment decisions independently.

Is Partial Replacement Suitable for You

The assessment of the state of the knee joint includes, among other criteria, the location of the arthritis. Other factors may include knee joint alignment, motion, and imaging findings.

All the above factors can be discussed at your consultation. You will also have the chance to talk about rehabilitation and recovery. Not all patients require the same surgical treatment.

The partial knee replacement surgery might be an appropriate method of treatment for selected patients where the arthritis is confined to a particular part of the knee.

To know more about robotic partial knee replacement surgery, schedule an appointment with orthopaedic knee surgeon Mr Vishal Pai in Melbourne.

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