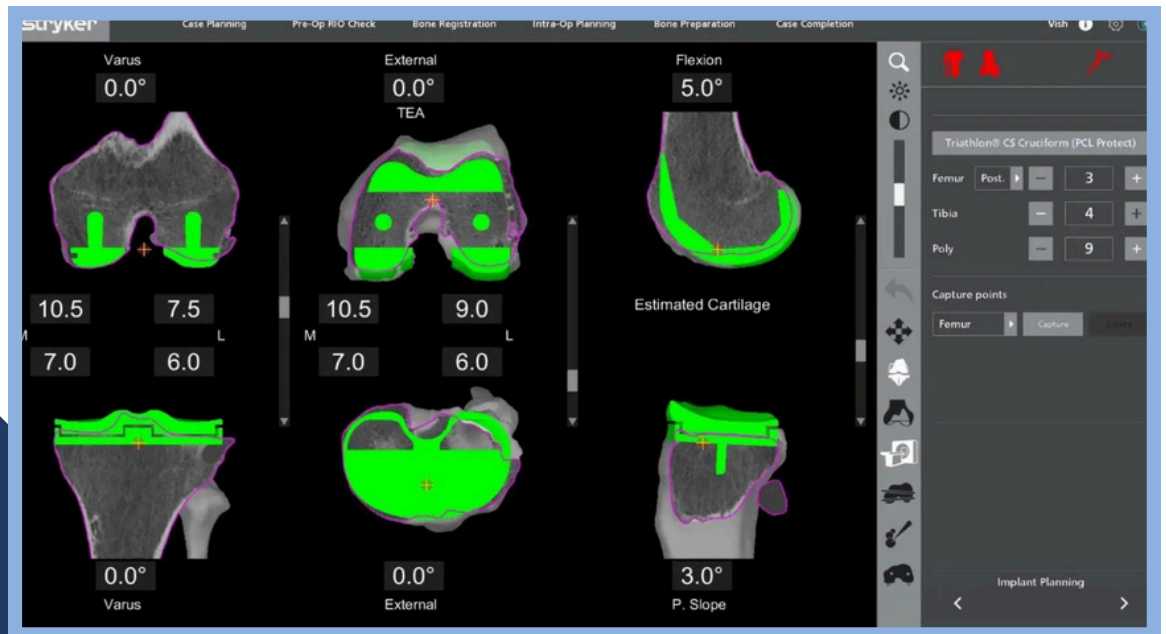




Mr Vishal Pai
ORTHOPAEDIC KNEE SURGEON

Robotic Partial Knee Replacement Surgery: Who Might It Suit?



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Arthritis doesn't always spread evenly through a knee. In some patients, wear stays confined to one section of the joint while the rest continues to function normally. For selected patients in that situation, [robotic partial knee replacement surgery](#) may be discussed as an alternative to a total knee replacement.

What the Technology Adds to Planning

Robotic assistance is used for planning and precision during surgery, working from detailed imaging of the individual knee's shape and alignment rather than a generalised approach applied the same way to every patient.

- Detailed pre-operative planning based on individual anatomy
- Technology-assisted precision during the procedure
- Assessment of which compartment is affected
- Suitability determined through examination and imaging, not assumption

Why Assessment Comes Before Any Decision

Not every patient with single-compartment arthritis is a suitable candidate for a partial replacement, robotic or otherwise. The decision depends on the extent of damage, the condition of the ligaments, and overall knee stability, all of which are assessed individually.

A Decision Made With Full Information

Patients considering robotic partial knee replacement surgery are usually better placed to weigh up their options once the full picture, symptoms, imaging, and examination findings, has been reviewed together.

If robotic partial knee replacement surgery has been raised as an option, arrange a consultation with Mr Vishal Pai, orthopaedic knee surgeon in Melbourne, to discuss whether it suits your specific knee.

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