

A study assessing Periarticular Knee Osteotomy Surgery Outcomes with or without Autologous Chondrocyte Implantation (MACI technique).

ACTRN12607000505404

Status	RECRUITING
Sponsor	Sydney Orthopaedic Research Institute
Enrollment	20 participants

Plain Language Summary

This study is testing whether combining a type of knee surgery called high tibial osteotomy (HTO) — which realigns the knee to shift weight off the damaged joint — with a cartilage repair technique called MACI (where a patient's own cartilage cells are grown and implanted) gives better results than HTO alone. Both procedures aim to relieve knee pain and improve function in people with osteoarthritis (wear and tear) affecting one side of the knee. Outcomes will be measured with clinical assessments and imaging, including MRI scans.

You may be eligible if:

- You are 18 years of age or older
- You are on the waiting list for high tibial osteotomy
- You are willing to take part and understand you can withdraw at any time

You may NOT be eligible if:

- You have severe claustrophobia that prevents you from having an MRI scan
- You have a sensitivity (allergy) to gadolinium (the dye used in some MRI scans)
- You choose to withdraw from the study

Talk to your doctor about whether this trial might be right for you.

Key Eligibility Criteria

Inclusion (1)

- Inclusion will involve those patients who have been placed on waiting list for high tibial osteotomy. The patients will be offered the opportunity to take part in the trial, with no consequences for early withdrawal.

Exclusion (1)

- Patients will be excluded, or removed from the study due to severe claustrophobia in MRI scanner, Gadolinium sensitivity or patients' withdrawal.

Locations (1 total)

Australia

<https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=ACTRN12607000505404>

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