

Cardiovascular Magnetic Resonance Imaging study assessing myocardial ischemia in patients with end-stage renal disease and renal transplant - post renal transplant cohort

ACTRN12611000783921

Status	RECRUITING
Sponsor	Professor Joseph Selvanayagam
Enrollment	80 participants

Plain Language Summary

This study is using a special type of heart MRI scan to check whether people who have had a kidney transplant have poor blood flow to their heart muscle (called myocardial ischemia). People with kidney disease have a much higher risk of heart problems, and this study tests a new MRI technique that can detect problems even before symptoms appear. This is the group of patients who received a kidney transplant more than 3 months ago.

You may be eligible if:

- You are 18 years or older
- You received a kidney transplant more than 3 months ago
- Your kidney function (eGFR) is above 45 mL/min

You may NOT be eligible if:

- You cannot give informed consent
- You have severe claustrophobia (fear of enclosed spaces)
- You have a pacemaker or other metal implant that cannot go in an MRI
- You have asthma or reactive airways
- You take theophylline medication
- You cannot lie flat for 1 hour
- Your kidney function (eGFR) is below 45 mL/min

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

Key Eligibility Criteria

Inclusion (1)

- all patients who have undergone renal transplant >3 months ago; eGFR >45mls/min

Exclusion (1)

- inability to give informed consent; extreme claustrophobia; implantable cardiac devices and other contra-indications to MRI; asthma or other reversible bronchospasm; patients on theophylline; inability to lie flat for 1hr; eGFR <45mls/min;

Locations (1 total)

Australia

<https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=ACTRN12611000783921>

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