

Cardiovascular Magnetic Resonance Imaging study assessing myocardial ischemia in patients with end-stage renal disease and renal transplant - End Stage Renal Disease cohort

ACTRN12611000785909

Status	RECRUITING
Sponsor	Professor Joseph Selvanayagam
Enrollment	80 participants

Plain Language Summary

This study is using cardiac MRI to check for poor blood flow to the heart muscle (myocardial ischemia) in people with end-stage kidney disease who are on dialysis. People on dialysis have very high rates of heart disease, often without any typical symptoms like chest pain. This study uses a new MRI technique to detect early heart problems before they become serious. This is the dialysis patient group in the study.

You may be eligible if:

- You are 18 years or older
- You have end-stage renal disease and are on hemodialysis or peritoneal dialysis, or your kidney function (GFR) is between 30 and 60 mL/min

You may NOT be eligible if:

- You have a known history of coronary artery disease
- You cannot give informed consent
- You have severe claustrophobia
- You have a pacemaker or metal implant incompatible with MRI
- You have asthma or reactive airways
- You take theophylline
- You cannot lie flat for 1 hour

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

Key Eligibility Criteria

Inclusion (1)

- Patients with end-stage renal disease on haemodialysis or peritoneal dialysis and or GFR 30-60ml/min

Exclusion (1)

- Known history of coronary artery disease, 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 1 hour

Locations (1 total)

Australia

<https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=ACTRN12611000785909>

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