

Cerebral Oximetry in Cardiac Surgery

ACTRN12607000436471

Status	RECRUITING
Sponsor	Flinders Medical Centre
Enrollment	300 participants

Plain Language Summary

This study is looking at a brain oxygen monitoring technique during heart bypass surgery. When patients have heart surgery using a heart-lung machine, there is a risk that the brain does not get enough oxygen — which can lead to stroke, mood changes, or memory problems after surgery. This study uses a device called a cerebral oximeter, worn on the forehead, to continuously measure the oxygen level in the brain during surgery. Researchers will combine this monitoring with steps designed to protect the brain, to see if this reduces brain complications after surgery.

You may be eligible if:

- You are 18 years of age or older
- You are scheduled for elective (non-emergency) coronary artery bypass graft (CABG) surgery at Flinders Medical Centre
- You are willing to participate and have signed the consent form

You may NOT be eligible if:

- English is not your first language
- You have previously had a stroke, mini-stroke, or TIA (transient ischaemic attack)
- You require emergency or urgent heart surgery
- You have previously had open heart surgery
- You have a history of a neurological disease or brain injury

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

Key Eligibility Criteria

Inclusion (2)

- The patient sample: will consist of participants of both gender, requiring elective isolated coronary artery bypass graft surgery at Flinders Medical Centre;
- The patient is willing to participate and has signed a consent form.

Exclusion (5)

- English not first language;
- Previous cerebrovascular disease including CVA, RIND, or TIA anytime prior to planned surgery;
- Emergency and urgent coronary artery surgery
- Previous open heart surgery
- History of neurological disease/insult

<https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=ACTRN12607000436471>

DISCLAIMER: This document is for informational purposes only and does not constitute medical advice. Always consult your healthcare provider before enrolling in any clinical trial. Information may not be up to date — verify details at anzctr.org.au. Generated by ClinicalTrialsFinder.org.