

Cardiac function and cerebral blood flow in the beachchair surgical patient.

ACTRN12610001075077

Status RECRUITING
Sponsor The Avenue Hospital
Enrollment 34 participants

Plain Language Summary

This study is looking at what happens to blood flow in the brain and heart function when patients are placed in an upright sitting position (beach chair position) during shoulder surgery under general anesthesia. Researchers want to know if the medications used to maintain blood pressure during surgery adequately protect the brain from reduced blood flow. Participants will also be assessed for cognitive (thinking) changes after surgery.

You may be eligible if:

- You are between 18 and 80 years old
- You are scheduled for shoulder surgery in the beach chair position
- You are able to give informed consent

You may NOT be eligible if:

- You have had a previous stroke or cerebrovascular event
- You have significant heart disease (including a pacemaker) or significant lung or breathing problems
- You have a contraindication to the nerve block used (interscalene block)
- Your BMI is above 35
- You do not have an adequate understanding of English

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

Key Eligibility Criteria

Inclusion (3)

- >18 years of age
- Shoulder surgery suitable for beach chair position
- Able to provide informed consent

Exclusion (6)

- Previous cerebrovascular event
- Current cardiac disease including pacemaker Cerebrovascular disease
- Significant cardiac or respiratory impairment
- Contraindications to interscalene block
- Inadequate understanding of English
- ... and 1 more (see full listing online)

Locations (1 total)

Australia

<https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=ACTRN12610001075077>

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