

# Use of transthoracic echocardiography to assess left ventricular volume in total hip joint replacement.

ACTRN12606000038594

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**Status** RECRUITING  
**Sponsor** Department of Anaesthesia, St Vincent's Hospital, Melbourne  
**Enrollment** 40 participants

## Plain Language Summary

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This study is looking at whether a type of heart ultrasound called transthoracic echocardiography can be used to measure the amount of blood in the heart's left chamber during hip replacement surgery. This non-invasive test may help doctors better monitor patients during the operation to keep them safe.

You may be eligible if:

- You are scheduled for a planned (elective) right-sided total hip joint replacement

You may NOT be eligible if:

- You have a medical reason that prevents you from having spinal anaesthesia
- You have poorly controlled heart failure

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

## Key Eligibility Criteria

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### Inclusion (1)

- Patients undergoing elective right sided total hip joint replacement.

### Exclusion (1)

- Patients with contraindications to spinal anaesthesia. Poorly compensated cardiac failure.

## Locations (1 total)

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Australia