

# Effect of sitting position on blood pressure reading among patients for caesarean section under spinal anesthesia

ACTRN12612000472875

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**Status** RECRUITING  
**Sponsor** King Abdulaziz University Hospital  
**Enrollment** 90 participants

## Plain Language Summary

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This study is looking at the best sitting position to use after a spinal anesthetic for a planned cesarean section, to help reduce the risk of a sudden drop in blood pressure (hypotension). After the spinal injection, patients will sit upright for different lengths of time (3, 5, 7, or 9 minutes) before lying down, and researchers will measure how this affects blood pressure and the level of numbness from the anesthetic.

You may be eligible if:

- You are a woman between 18 and 50 years old
- You are having a planned (elective) cesarean section
- You are classified as ASA class I or II (generally healthy or with mild illness)
- You have provided informed consent

You may NOT be eligible if:

- You have obesity, pre-existing high blood pressure, or pregnancy-induced hypertension
- You have heart or blood vessel disease
- You have an abnormal fetal heart rate tracing
- You have any condition that prevents spinal anesthesia

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

## Key Eligibility Criteria

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### Inclusion (1)

- ASA class I or II patients undergoing elective caesarean section, obtained consent

### Exclusion (1)

- obesity, preexisting hypertension, pregnancy-induced hypertension, known cardiovascular or cerebrovascular disease, abnormal cardiotocography (CTG) tracing, or patients with contraindications to spinal anesthesia

## Locations (1 total)

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Saudi Arabia

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<https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=ACTRN12612000472875>

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