

The effect of adding magnesium sulphate to fentanyl and bupivacaine for spinal anaesthesia in patients undergoing lower limb orthopedic surgery

ACTRN12615000508572

Status	RECRUITING
Sponsor	mansura university hospital
Enrollment	99 participants

Plain Language Summary

This study is looking at whether adding magnesium sulphate to the spinal anaesthetic mixture (containing fentanyl and bupivacaine) improves pain control after lower limb surgery. Patients will be randomly assigned to one of three groups to compare how well each combination controls pain and how long it lasts.

You may be eligible if:

- You are between 20 and 60 years old
- You are having planned (elective) lower limb surgery
- You have ASA health status I or II (generally healthy or with mild disease)

You may NOT be eligible if:

- You have refused to participate
- You have liver or kidney problems
- You have a neuromuscular disease
- You have a history of opioid abuse
- You are allergic to any anaesthetic drugs used in the study
- You have an infection in the lower back area
- You have a blood clotting disorder
- You have increased pressure in the skull (raised ICP)
- You have cardiovascular or respiratory disease

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

Key Eligibility Criteria

Inclusion (4)

- ASA statuses I or II patients.
- Aged between 20 and 60 years old.
- Patients scheduled for elective lower limb surgery.
- Both sexes.

Exclusion (9)

- Patient refusal.
- Hepatic or renal impairment.
- Neuromuscular diseases.
- History of opioid abuse.
- History of allergy to anesthetic drugs.

... and 4 more (see full listing online)

<https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=ACTRN12615000508572>

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Locations (1 total)

Egypt