

Magnesium in open shoulder surgery

ACTRN12617001320347

Status RECRUITING
Sponsor Melbourne Orthopaedic Group
Enrollment 50 participants

Plain Language Summary

This study tests whether giving a single dose of magnesium through an IV drip before shoulder surgery can reduce pain after the operation — especially after a nerve block has worn off. Shoulder surgery often causes significant post-operative pain, and standard pain relief does not always work well. Magnesium is a safe, widely used medication that may help block pain signals. Patients are randomly assigned to receive either magnesium or a saltwater placebo, and their pain levels and pain medication use are tracked after surgery.

You may be eligible if:

- You are 18 to 75 years old
- You are scheduled for planned (elective) open shoulder surgery

You may NOT be eligible if:

- You have a chronic pain syndrome
- You have a heart conduction defect or a pacemaker
- You are unable to communicate your pain level due to a language barrier or comprehension difficulty

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

Key Eligibility Criteria

Inclusion (1)

- These are patients scheduled for elective open shoulder surgery.

Exclusion (1)

- Patients with a chronic pain syndrome, conduction defect or pacemaker, or inability to communicate VAS scoring due to language or miscomprehension will be excluded from this study.

Locations (1 total)

The Avenue Private Hospital - Windsor, VIC, Australia