

The impact of neuromuscular blocking agents on traction forces during total hip replacement surgery

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Status RECRUITING
Sponsor Thomas Ledowski
Enrollment 20 participants

Plain Language Summary

This study is investigating whether muscle relaxant drugs given during general anaesthesia can reduce the amount of physical force needed during hip replacement surgery. Orthopaedic surgeons often use these drugs hoping they will make surgery easier, but this has never been properly measured. This study will use a special instrument on the operating table to record the forces needed at different stages of the operation.

You may be eligible if:

- You are 18 years of age or older
- You are scheduled for hip replacement surgery under general anaesthesia

You may NOT be eligible if:

- You have a neuromuscular disease
- You are having regional or spinal anaesthesia instead of general anaesthesia
- You will already be paralysed (on muscle relaxants) at the start of the surgery

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

Key Eligibility Criteria

Inclusion (1)

- scheduled for hip replacement surgery under general anaesthesia

Exclusion (1)

- neuromuscular disease, regional or spinal anaesthesia, paralysis at start of surgery

Locations (1 total)

Royal Perth Hospital - Perth, WA, Australia