

# The effects of Sterofundin versus Ringer's Lactate on Acid-base balance and electrolyte status in paediatric patients undergoing major urogenital surgery.

ACTRN12612000107820

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Status	RECRUITING
Phase	Phase 4
Sponsor	university malaya
Enrollment	50 participants

## Plain Language Summary

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This study compares two similar fluids — Sterofundin and Ringer's Lactate — used to replace fluids in children during major urological surgery. Both fluids are designed to closely match the body's own fluid composition. The study checks whether one fluid maintains better electrolyte and acid-base balance (the chemical balance of the blood) during surgery, which is important to avoid complications in children.

You may be eligible if:

- You are a child aged more than 1 year and less than 13 years old
- Your general health status is ASA I, II, or III
- You are scheduled for a major elective urogenital surgery lasting more than 2 hours

You may NOT be eligible if:

- You have kidney failure or impairment
- You have heart or liver failure
- You have heart abnormalities
- You have a fluid overload condition or severe swelling (oedema)
- You have electrolyte imbalance or metabolic acidosis
- You have a known allergy to Sterofundin

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

## Key Eligibility Criteria

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### Exclusion (1)

- Patients with renal failure or renal impairment, cardiac or liver failure, anomalies of the heart, hypervolaemic states, severe generalised oedema, electrolyte imbalance, metabolic acidosis and known allergies to sterofundin .

## Locations (1 total)

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Malaysia

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<https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=ACTRN12612000107820>

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