Effect of Varying Body Weight on the Pharmacokinetics of Paracetamol in Children

ACTRN12610000997055

Status	RECRUITING
Sponsor	University of South Australia
Enrollment	273 participants

Plain Language Summary

This study is looking at how the painkiller paracetamol (Tylenol/Panadol) is processed by the body in children who are overweight or obese, compared with children of a healthy weight. Researchers will measure paracetamol levels in saliva and blood after children receive the medication as prescribed by their doctor, to figure out whether the current recommended doses are appropriate for all body sizes.

You may be eligible if:
- Your child is between 1 and 18 years old
- Your child has been prescribed paracetamol by their treating doctor
- The time of the last dose of paracetamol is precisely known

You may NOT be eligible if:
- Your child has known liver or kidney problems
- Your child has a known chronic gut condition
- Your child has a known mental health condition or intellectual disability

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

Key Eligibility Criteria

Inclusion (2)

- Children who have been prescribed paracetamol by their treating doctor will be eligible for inclusion in the study.
- Participants will have received one or more doses of paracetamol, the time of the last dose is precisely known.

Exclusion (3)

- Known abnormality in hepatic or renal function
- Known chronic gastrointestinal dysfunction
- Known mental health or intellectual disability

Locations (1 total)

Australia