

Does Nebulised Lignocaine Reduce Children's Pain When a Nasogastric Tube is Inserted?

ACTRN12607000156482

Status RECRUITING
Sponsor Royal Children's Hospital (Emergency Department)
Enrollment 52 participants

Plain Language Summary

This study is for young children who need a nasogastric tube — a thin tube inserted through the nose and down to the stomach — for medical treatment in the Emergency Department. Inserting this tube is uncomfortable, and the study tests whether breathing in a mist of the local anaesthetic lignocaine through a mask (a nebuliser) before the procedure makes it less painful. The study compares lignocaine mist to salt water mist (a placebo) in children aged 1 to 5 years.

You may be eligible if:

- Your child is between 1 and 5 years old
- Your child needs a nasogastric tube inserted for a medical reason in the Emergency Department

You may NOT be eligible if:

- Your child needs the tube inserted immediately (emergency situation)
- Your child has an allergy to lignocaine or other local anaesthetics
- Your child has a significant medical condition such as asthma, kidney or liver disease, epilepsy, heart disease, or a cognitive or neurological impairment
- An English-speaking parent or interpreter is not available in time

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

Key Eligibility Criteria

Inclusion (1)

- Children presenting to our Emergency Department with a clinical indication for nasogastric tube insertion.

Exclusion (1)

- Need for immediate nasogastric tube insertion (e.g. acute gastric dilatation). 2. Non-English speaking parent/guardian - only when appropriate interpreter services cannot be accessed expeditiously (i.e. where nasogastric tube insertion is delayed by more than one hour). 3. Allergy to Lignocaine or local anaesthetic. 4. Significant co-morbid disease (asthma/chronic renal or hepatic impairment/epilepsy/cardiac disease/cognitive impairment or neurological disease).

Locations (1 total)

Australia

<https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=ACTRN12607000156482>

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