

# A pilot study on delivery suite mask ventilation in extremely preterm infants

ACTRN12614000245695

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**Status** RECRUITING  
**Sponsor** Neonatal Intensive Care Unit, Westmead Hospital  
**Enrollment** 40 participants

## Plain Language Summary

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This study is comparing two techniques for giving assisted breathing to extremely premature babies in the delivery room: one person holding the mask versus two people holding the mask together. Premature babies often need help breathing right after birth, and researchers want to find out which technique causes less air leaking around the mask and delivers breathing support more effectively.

You may be eligible if:

- Your baby is born before 30 weeks of pregnancy
- Your baby needs breathing support in the delivery room

You may NOT be eligible if:

- Your baby has a serious birth defect that affects survival
- Your baby has an upper airway abnormality
- The research team is not available at the time of birth

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

## Key Eligibility Criteria

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### Inclusion (1)

- Preterm infants at <30 weeks gestation requiring respiratory support in delivery suite

### Exclusion (3)

- Lethal congenital anomalies
- Upper airway anomalies
- Unavailability of the research team

## Locations (1 total)

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Westmead Hospital - Westmead, NSW, Australia