A randomized controlled trial of modes of ventilatory support in preterm babies from point of delivery to the neonatal intensive care unit.

ACTRN12609000986279

Status	RECRUITING
Sponsor	Dr Mark Tracy
Enrollment	90 participants

Plain Language Summary

This study is looking at whether using an advanced breathing machine (ventilator) that targets a specific amount of air with each breath from the moment of birth can lead to better blood oxygen and carbon dioxide levels when very premature babies arrive in the neonatal intensive care unit (NICU). Babies born before 30 weeks of pregnancy are often too small and underdeveloped to breathe on their own and need breathing support right from delivery. The study compares standard manual breathing support to advanced ventilator-controlled support during the journey from delivery room to NICU.

You may be eligible if:
- Your baby is born at less than 30 weeks of pregnancy (gestation)

You may NOT be eligible if:
- There is a suspected underdevelopment of the baby's lungs (pulmonary hypoplasia)
- There is a suspected chromosomal abnormality
- There is a suspected genetic syndrome

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

Key Eligibility Criteria

Inclusion (1)

- Preterm babies less than 30 weeks' gestation at birth

Exclusion (1)

- Suspected pulmonary hypoplasia, suspected chromosomal abnormality or a suspected syndrome.

Locations (1 total)

Australia