

Effect of Nasal CPAP Versus NIPPV On Diaphragm Electrical Activity (Edi) In VLBW Preterm Infants

NCT06295484

Status	RECRUITING
Phase	Not Applicable
Sponsor	Sunnybrook Health Sciences Centre
Enrollment	24 participants

Key Eligibility Criteria

Inclusion (3)

- Clinically stable preterm infants (defined as cardiovascular stability with normal blood pressure and heart rate for gestational age and no recent increase in apneic episodes or spells and confirmed by the attending neonatologist)
- Birth weight less than 1500 grams
- Admitted to the NICU at Sunnybrook Health Sciences Centre on nasal CPAP of 5 to 8 cmH₂O support, for at least 48 hours and requiring less than 35% of oxygen

Exclusion (18)

- Congenital anomalies of the gastrointestinal tract
 - Phrenic nerve damage
 - Diaphragmatic paralysis
 - Esophageal perforation
 - Congenital or acquired neurological deficit (including significant intraventricular hemorrhage greater than Grade II) or neonatal seizure
- ... and 13 more (see full listing online)

Locations (1 total)

Sunnybrook Health Sciences Center, Toronto, Ontario, Canada