

SEALion: Study on Supplemental Oxygenation Via Nasal Cannula for Young Children During Intubation

NCT06683599

Status	RECRUITING
Phase	Not Applicable
Sponsor	Vinicius C Quintão, MD, MSc, PhD
Enrollment	240 participants

Key Eligibility Criteria

Inclusion (3)

- Pediatric patients requiring oral or nasal tracheal intubation for elective, semi-elective, or urgent surgical and non-surgical procedures.
- Neonates and infants up to 52 weeks post-conceptual age.
- Written informed consent provided by legal guardians prior to the intervention.

Exclusion (3)

- Prediction of difficult intubation based on physical examination or a history of previous difficult intubation.
- Requirement for an alternative technique to direct laryngoscopy to secure the airway.
- Specific conditions, such as congenital heart disease requiring FiO₂ < 1.0, or cardiopulmonary collapse necessitating advanced life support and intubation for emergency surgical or non-surgical interventions.

Locations (3 total)

Perth Children's Hospital, Perth, Western Australia, Australia
Hospital das Clinicas HCFMUSP, São Paulo, Brazil
Uppsala University Hospital, Uppsala, Sweden