

Visualization of Inspiratory Effort and Respiratory Mechanics to Promote Lung- and Diaphragm Protective Ventilation

NCT05459116

Status	RECRUITING
Phase	Not Applicable
Sponsor	University Hospital, Antwerp
Enrollment	150 participants

Key Eligibility Criteria

Inclusion (4)

- age \geq 28 days
- weight \geq 3kg
- requiring invasive mechanical ventilation
- anticipated length of ventilation \geq 48h

Exclusion (4)

- refusal of consent
- mechanical ventilation \geq 2 weeks before inclusion
- known anatomical malformation of the diaphragm (including congenital diaphragmatic hernia)
- contra-indication to the placement of a naso-gastric esophageal balloon catheter

Locations (3 total)

Antwerp University Hospital (UZA), Edegem, Antwerp, Belgium
University Hospital Leuven (UZL), Leuven, Belgium
The Hospital for Sick Children (SickKids), Toronto, Ontario, Canada