

Complications of the Alveolar Opening Maneuver in Children on Mechanical Ventilation

NCT07233304

Status RECRUITING
Sponsor Hospital de Alta Complejidad en Red
Enrollment 143 participants

Key Eligibility Criteria

Inclusion (4)

- Patients under 14 years of age admitted to the HCANK PICU
- More than 4 hours of invasive mechanical ventilation (IMV)
- An oxygenation index (OI) ≥ 4 or an oxygen saturation index (OSI) ≥ 5
- Indication for ARM and PEEP as determined by the treating team

Exclusion (5)

- Predicted body weight (PBW) >45.5 kg
- Recent pulmonary resection surgery (<7 days)
- Presence of broncho-pleural fistula or peri-tube leak $>25\%$ of the tidal volume
- Hemoglobin decline <7 g/dL
- Patients with congenital or acquired heart diseases with significant intracardiac shunt.

Locations (1 total)

Hospital Cuenca Alta Néstor Kirchner, Cañuelas, Buenos Aires, Argentina