

# Infants with Severe Acute Respiratory Distress Syndrome: the Prone Trial

NCT05002478

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Status	RECRUITING
Phase	Not Applicable
Sponsor	Medical University of Vienna
Enrollment	14 participants

## Key Eligibility Criteria

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### Inclusion (10)

- Patients hospitalized at Pediatric Intensive Care Unit (PICU) or Neonatal Intensive Care Unit (NICU) of the Medical University Vienna.
- Patients aged  $\geq 36$  weeks (corrected gestational age) and  $\leq 24$  months.
- Patient intubated and mechanically ventilated for at least 6 hours, with an expected requirement of invasive ventilatory support for at least 12 hours.
- Clinical picture strongly suggestive for acute bronchiolitis or pneumonia (fever, fine crackles, prolonged expiration, lung hyperinflation and/or findings of new infiltrates consistent with acute pulmonary parenchymal disease on chest X-ray).
- Severe pediatric acute respiratory distress syndrome (ARDS), defined by OSI  $\geq 12.3$  (wean FIO<sub>2</sub> to maintain SpO<sub>2</sub>  $\geq 97\%$  to calculate oxygen saturation index).

... and 5 more (see full listing online)

### Exclusion (19)

- Clinical context
- Need for O<sub>2</sub> supplementation to maintain SpO<sub>2</sub>  $\geq 94\%$  in the 4 weeks preceding hospitalization in the PICU/NICU
- Cyanotic congenital heart disease Cardiogenic pulmonary edema
- Severe pulmonary hypertension
- Untreated pneumothorax

... and 14 more (see full listing online)

## Locations (1 total)

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Medical University of Vienna, Vienna, Austria