

Physiologic Effects of Continuous Positive Airway Pressure and High Flow Nasal Oxygenation in Patients with Acute Respiratory Distress Syndrome.

NCT06694311

Status	RECRUITING
Phase	Not Applicable
Sponsor	Ricard Mellado Artigas
Enrollment	120 participants

Key Eligibility Criteria

Inclusion (4)

- PaO₂/FiO₂ ratio <300 mmHg with FiO₂ >40% and PEEP e5 cmH₂O (CPAP) or flow e30 L/min (HFNC).
- Bilateral pulmonary opacities observed in the chest X-ray, thoracic computerized tomography (CT) scan or lung ultrasonography (bilateral B lines)
- <7 days from the pulmonary insult to symptom onset and criteria 1 and 2
- Not meeting the aforementioned criteria for >24 hours prior to study inclusion.

Exclusion (7)

- Age <18 years or >80 years
- History of chronic respiratory failure or interstitial pulmonary disease
- Acute cardiogenic pulmonary edema after echocardiographic evaluation
- Having received either invasive mechanical ventilation or non-invasive mechanical ventilation (NIV)
- Atelectasis, pleural effusion, pulmonary masses or nodules as the primary finding in thoracic imaging.
- ... and 2 more (see full listing online)

Locations (1 total)

Hospital Clínic de Barcelona, Barcelona, Barcelona, Spain