

Efficacy of DEXamethasone in Patients With Acute Hypoxemic Respiratory Failure Caused by INfEctions

NCT04545242

Status	RECRUITING
Phase	Phase 4
Sponsor	Dr. Negrin University Hospital
Enrollment	980 participants

Key Eligibility Criteria

Inclusion (4)

- age 18 years or older;
- intubated and mechanically ventilated;
- acute onset of AHRF (as defined by a PaO₂/FiO₂ < 300 mmHg during at least 6 hours from diagnosis. For the measurement of PaO₂ and calculation of PaO₂/FiO₂ ratio, the minimum accepted value for PEEP is 5 cmH₂O and for FiO₂ is 0.3. ARDS is defined by Berlin criteria,⁴ which includes: (i) having pneumonia or worsening respiratory symptoms, (ii) bilateral pulmonary infiltrates on chest imaging (x-ray or CT scan), (iii) absence of left atrial hypertension or no clinical signs of left heart failure, and (iv) hypoxemia, as defined by a PaO₂/FiO₂ < 300 mmHg on positive end-expiratory pressure (PEEP) of ≥ 5 cmH₂O, regardless of FiO₂).
- Pulmonary or systemic infectious etiology of AHRF.

Exclusion (3)

- Patients with a known contraindication to corticosteroids,
- Patient included in another therapeutic clinical trial
- Lack of informed consent

Locations (40 total)

Hospital Universitario Mutua Terrassa (ICU), Terrassa, Barcelona, Spain
Hospital General La Mancha Centro (ICU), Alcázar de San Juan, Ciudad Real, Spain
Complejo Hospitalario Universitario de Santiago (Anesthesia), Santiago de Compostela, La Coruña, Spain
... and 37 more locations