

Use of 'Mechanical Power' as a Predictor of Increased Serum and Pulmonary Proinflammatory Cytokine Concentrations in Patients With Acute Hypoxemic Respiratory Failure: A Prospective Observational Study

NCT06425354

Status	RECRUITING
Sponsor	University of Roma La Sapienza
Enrollment	150 participants

Key Eligibility Criteria

Inclusion (4)

- Patients with AHRF (P/F \leq 300 mmHg) undergoing invasive mechanical ventilation within 7 days from the onset of symptoms
- Invasive mechanical ventilation for less than 6 hours
- Evidence of newly developed lung consolidation on chest imaging (X-ray, CT)
- Age \geq 18 years

Exclusion (10)

- Prior invasive mechanical ventilation during the same hospitalization
- Tracheostomy
- Severe anemia (Hb $<$ 7g/dL)
- Severe neutropenia
- Renal insufficiency or RRT (Renal Replacement Therapy)

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

Locations (1 total)

Sapienza University of Rome, Roma, Italy