

Physiological Effects and Safety of Continuous High-frequency Oscillatory Ventilation in ICU Patients

NCT06702813

Status	RECRUITING
Phase	Not Applicable
Sponsor	Shanghai Zhongshan Hospital
Enrollment	45 participants

Key Eligibility Criteria

Inclusion (4)

- Patients older than 18 and younger than 90 years;
- Admitted to the ICU after December 1, 2024, who are alert, with a GCS of 15, normal comprehension, and able to communicate clearly through speech or writing.
- Patients with atelectasis, who are receiving oxygen therapy, high-flow oxygen, or are on a ventilator via tracheostomy.
- Signed informed consent for MetaNeb treatment.

Exclusion (7)

- Refusal to participate in the proposed study.
- Age < 10 years;
- Pregnancy;
- Significant hemodynamic instability defined as an increase of more than 20% in catecholamine doses in the last hour, despite optimization of blood volume, for a target mean blood pressure between 65 and 75 mmHg.
- Participation in another trial within 30 days prior to meeting eligibility criteria;
- ... and 2 more (see full listing online)

Locations (1 total)

Zhongshan Hospital, Fudan University, Shanghai, Shanghai Municipality, China