

Body Lateralization and Its Effects on Respiratory Drive, Ventilation, and Pulmonary Aeration in Critically Ill Patients

NCT07323472

Status	RECRUITING
Phase	Not Applicable
Sponsor	University of Pernambuco
Enrollment	30 participants

Key Eligibility Criteria

Inclusion (12)

- Patients of both sexes will be included;
- Aged e 18 years;
- BMI 18-35 kg/m²;
- Under invasive mechanical ventilation via orotracheal tube for e 24 hours and expected to remain on mechanical ventilatory support for at least 48 hours;
- Sedated (Richmond Agitation-Sedation Scale \[RASS\] -1 to -4);
- ... and 7 more (see full listing online)

Exclusion (26)

- Patients presenting medical restrictions to body repositioning, or to the use of EIT or sEMG;
- Those in therapeutic failure;
- Individuals with spinal cord injury, brain injury, or stroke with a history of functional loss and respiratory impairment prior to hospitalization;
- Neurological diseases affecting respiratory myoelectric conduction;
- History of postural deformities, diaphragmatic abnormalities, or colostomy bag;
- ... and 21 more (see full listing online)

Locations (1 total)

Hospital Geral Otávio de Freitas - Secretaria de Saúde de Pernambuco, Recife, Pernamu, Brazil