

The Rapid Shallow Breathing Index (RSBI) is a Widely Used Predictor for Weaning Patients From Mechanical Ventilation This Study Aims to Determine the Predictive Value of RSBI Measurements for Extubation Success in Mechanically Ventilated ICU Patients

NCT07467265

Status RECRUITING
Sponsor Ain Shams University
Enrollment 70 participants

Key Eligibility Criteria

Inclusion (7)

- Adults \geq 22 years.
- Mechanically ventilated patients meeting extubation readiness:
- $F_iO_2 \geq 0.4$, $PEEP \geq 8$ cmH₂O, $PaO_2/F_iO_2 \geq 200$ mmHg.
- Respiratory rate ≤ 35 breaths/min, $pH \geq 7.30$.
- Hemodynamic stability (HR ≤ 120 bpm, SBP 90-160 mmHg).
- ... and 2 more (see full listing online)

Exclusion (4)

- Age < 22 years.
- Refusal of informed consent.
- Altered mental status (e.g., traumatic brain injury).
- Hemodynamic instability or deep sedation (RASS ≤ -2).

Locations (1 total)

Ain Shams Hospital, Cairo, Abbasia, Egypt