

Spontaneous Breathing Trials Using Pressure Support or T-Piece in Overweight and Obese Patients

NCT07114289

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| Status | RECRUITING |
| Phase | Not Applicable |
| Sponsor | Taipei Medical University Hospital |
| Enrollment | 100 participants |

Key Eligibility Criteria

Inclusion (8)

- Patients had undergone intubation and mechanical ventilation for more than 24 hours prior to the first spontaneous breathing trial.
 - Adult patients aged ≥ 18 years. 3. BMI ≥ 25 kg/m². 4. Meeting all the International Consensus Conference on weaning criteria:
 - Stable vital signs: heart rate < 140 beats/min, systolic blood pressure: 90-160 mmHg, and no use of vasopressors or use of minimal doses (< 0.2 μ g/kg per min).
 - Respiratory rate ≤ 35 breaths/min.
 - Adequate oxygenation, defined as either SpO₂ $\geq 90\%$ with FiO₂ ≤ 0.4 , or PaO₂/FiO₂ ≥ 150 mmHg with positive end-expiratory pressure (PEEP) ≤ 8 cmH₂O.
- ... and 3 more (see full listing online)

Exclusion (8)

- Patients with tracheostomy.
 - Patients who had been admitted for traumatic brain injury.
 - Patients who had preexisting peripheral neuromuscular disease (underlying myopathy or myasthenia gravis).
 - Patients who had a do-not-reintubate order at the time of the initial spontaneous breathing trial were excluded
 - Patients who have already undergone a first spontaneous breathing trial.
- ... and 3 more (see full listing online)

Locations (1 total)

Taipei Medical University Hospital, Taipei, Taiwan