



POPULATION:

All inpatients 18 years of age and older intubated and receiving partial mechanical ventilation support

SKILL LEVEL:

Licensed Respiratory Therapist

GENERAL CONSIDERATIONS:

- The Spontaneous Breathing Trial (SBT) will be performed with a low level CPAP (5 - 8 cm H₂O) while maintaining the ventilator's FiO₂
- Extubation Criteria:
A patient should be considered for extubation if all of the following are met:
 - A RSBI (or f/V_T) less than 100 after a 30 – 120 minute SBT (CPAP or PSV 5 H₂O)
 - PaO₂/FiO₂ greater than 180 and PEEP less than 5 (CPAP) and FiO₂ less than 0.4
 - Adequate airway protection, a reliable respiratory drive, and airway suctioning no more than every two hours
 - Successful “cuff leak test” in patients suspected of possible upper airway abnormalities
 - Arterial Blood Gases (ABG) are recommended 30 minutes post extubation

ORDERS:

1. Conduct a daily spontaneous breathing trial per Adult Mechanical Ventilation policy. Request minimum sedation before proceeding.
2. Notify provider and obtain order for extubation when Extubation Criteria is met

Signature of Physician

Date

Time

