

(place patient label here)

Patient Name: _____



PROVIDER ORDERS

Order Set Directions:

- > (✓)- Check orders to activate; Orders with pre-checked box will be followed unless lined out.
- > Initial each place in the pre-printed order set where changes such as additions, deletions or line outs have been made
- > Initial each page and Sign/Date/ Time last page

Diagnosis: _____

Allergies with reaction type: _____

Ventilator Spontaneous Breathing Trial (SBT) Protocol

Version 1 5/23/14

- After provider order for initiation of a protocol, nursing may place orders found within the protocol using the Policy/Protocol - No Esign Req order source.

General

Spontaneous Breathing Trial Criteria:

- Not intubated or re-intubated in last 24 hours
- MAP > 60 mmHg, Systolic BP > 90 mmHg and < 180 mmHg
If on Dopamine: rate < 5 microgram/kilogram per minute
- FiO2 < /= 0.5
- Minute Ventilation < 15 liter/minute
- Core Temperature < 101 F during previous 12 hours

Spontaneous Breathing Trial:

- Step 1: IF SBT criteria met: change PEEP to 5 cmH2O and turn off Pressure Support for 1 minute. If the rapid, shallow breathing index (frequency/tidal volume) is less than 105- proceed to Step 2
- Step 2: Hold enteral feedings
- Step 3: Change PEEP to 5 cmH2O and Pressure Support to 5 cmH2O OR 100% tube compensation for 2 hours

Assess and Document SBT Tolerance:

- SBT Tolerance- Meets all of the following criteria:
 - a. Respiratory rate < 35
 - b. Oxygen saturation > 90%
 - c. Heart Rate < 140 beats/minute or sustained change < 20% of baseline in either direction
 - d. MAP < 60mmHg; SBP > 90mmHg or < 180 mmHg
 - e. Spontaneous tidal volumes > 4 ml/kg ideal body weight
 - f. Absence of Agitation or anxiety
 - g. No Diaphoresis
 - h. No Respiratory distress (paradoxical respirations)
 - i. No Angina
 - j. Patient complains of respiratory fatigue
- SBT Intolerance- Meets any of the following criteria:
 - a. Respiratory rate > 35 breaths/minute
 - b. Oxygen saturation < 90%
 - c. Heart Rate > 140 beats/minute or sustained change > 20% of baseline in either direction
 - d. MAP < 60mmHg; SBP < 90mmHg or > 180 mmHg
 - e. Spontaneous tidal volumes < 4 ml/kg ideal body weight
 - f. Agitation or anxiety
 - g. Diaphoresis
 - h. Respiratory distress (paradoxical respirations)
 - i. Angina
 - j. Patient complains of respiratory fatigue

IF SBT Tolerated:

- Check ABG and Notify Provider for extubation orders

IF SBT NOT Tolerated:

- Place patient back on pre-trial ventilator settings
- Document reason for failed SBT and vital signs