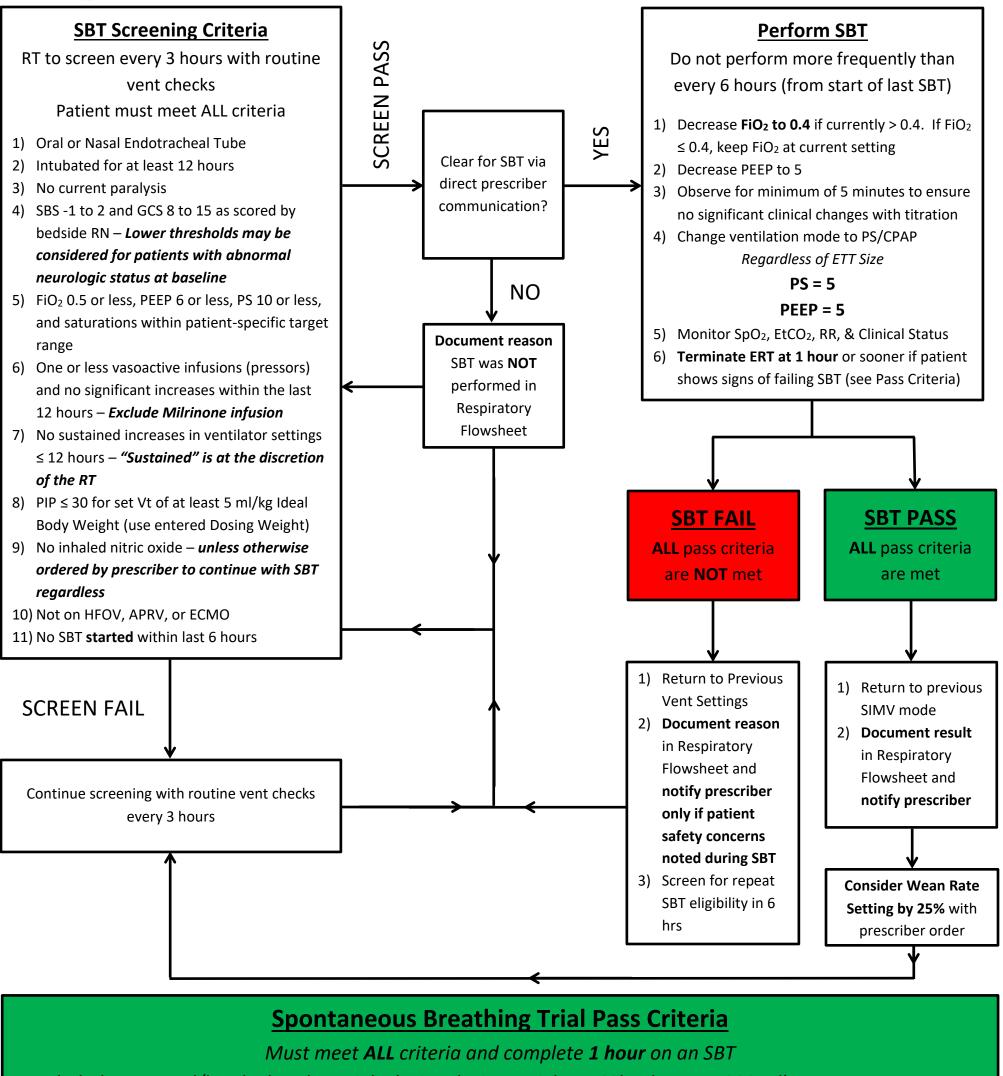


PICU Spontaneous Breathing Trial (SBT) Pathway



1. Exhaled Vte ≥ 5 ml/kg Ideal Body Weight (using dosing weight; ≥ 60kg then use 300 ml)

- 2. Oxygen Saturation $(SpO_2) \ge 92\%$
 - **Different limits may be considered** for patients with cyanotic heart disease or others at discretion of prescriber team. Temporary decline (< 15 mins) in SpO₂ that improve with suctioning/other interventions may be disregarded at the discretion of the RT, Bedside RN, and/or prescriber (attending, fellow, NP).
- 3. No increase in Respiratory Rate > 30% from pretest value sustained for ≥ 15 min
- 4. No increase in Heart Rate > 30% from pretest value sustained for ≥ 15 min
- 5. No increase in End Tidal $CO_2 > 10$ from pretest value sustained for ≥ 15 min (if an ETCO₂ detector is present)
- 6. Hemodynamic stability is maintained throughout test
- 7. No subjective signs of **significant** respiratory distress at the discretion of the RT, bedside RN, and/or prescriber. Consider whether the distress is any different on an SBT compared to SIMV.

