



Spontaneous Breathing Trial Pass Criteria

Must meet ALL criteria and complete 1 hour on an SBT

1. Exhaled Vte \geq 5 ml/kg Ideal Body Weight (using dosing weight; \geq 60kg then use 300 ml)
2. Oxygen Saturation (SpO₂) \geq 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 \geq 15 min**
4. No increase in Heart Rate > 30% from pretest value **sustained for \geq 15 min**
5. No increase in End Tidal CO₂ > 10 from pretest value **sustained for \geq 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.