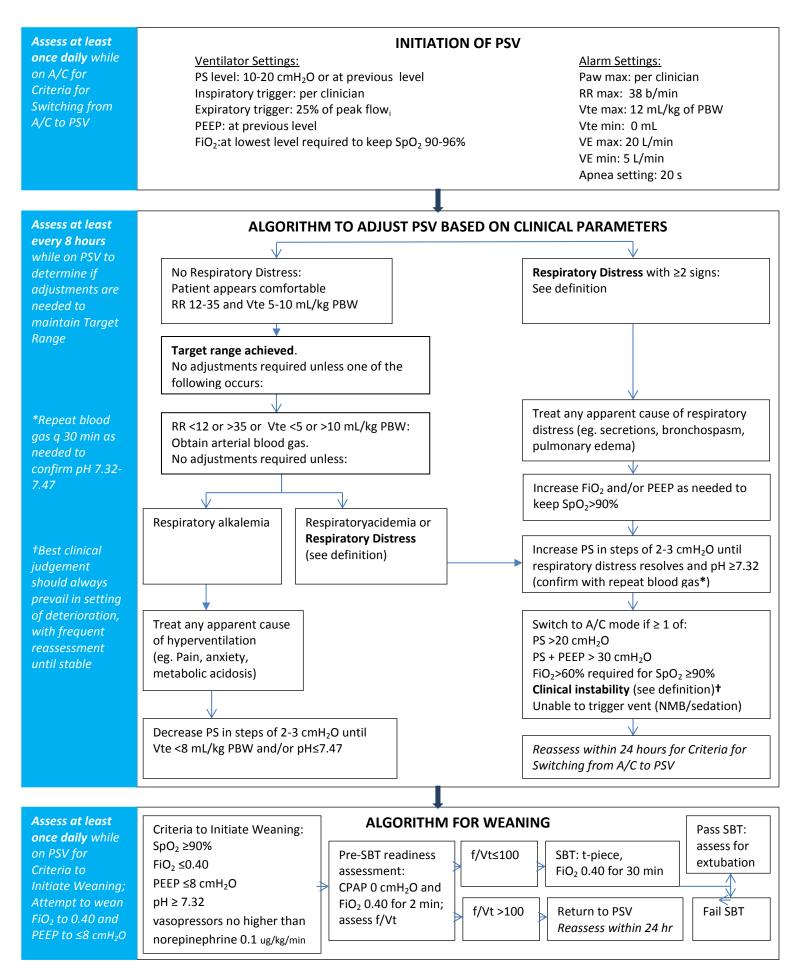
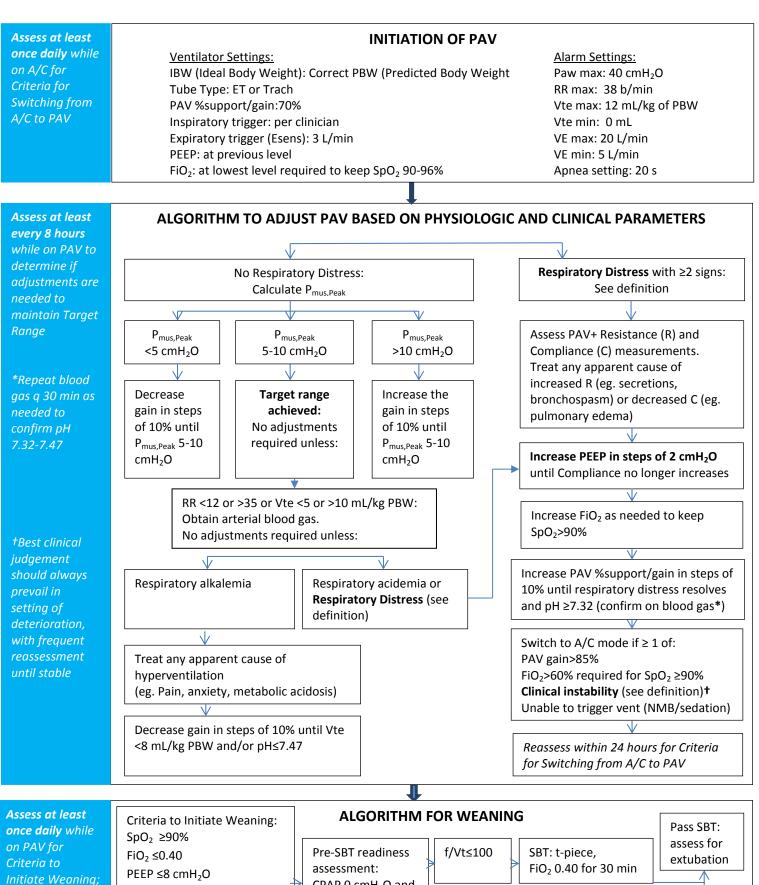
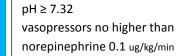
PSV VENTILATION STRATEGY



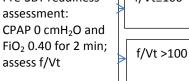




Attempt to wean

*FiO*₂ *to* 0.40 *and*

PEEP to $\leq 8 \text{ cmH}_2\text{O}$



Return to PAV

Reassess within 24 hr

FailSBT

Weaning /SBT Methods for PROMIZING

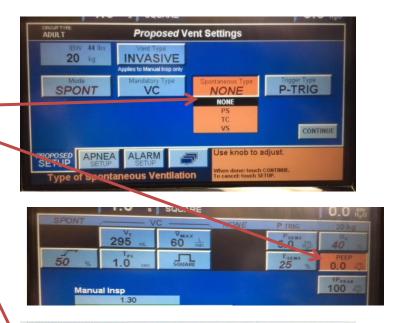
Pre-SBT readiness assessment (CPAP Trial)

- With patient's ETT connected to the ventilator circuit, change the ventilator mode to CPAP at 0 cmH₂O and FiO₂ 0.40 (on PB 840 ventilator, choose MODE: SPONT and then choose Spontaneous Type NONE, then set PEEP to 0 and FiO₂ to 40%)
- 2. Monitor patient for 2 min
- On the ventilator, assess the f/Vt ratio after 1-2 minutes at 0 cmH₂O CPAP:
- FAIL: If the f/Vt >100, or SpO2<90% or Clinical Instability, patient has failed the CPAP trial. Resume ventilation on settings used immediately prior to the CPAP test.
- PASS: If the f/Vt is ≤100, and SpO₂ ≥90%, proceed to SBT

<u>SBT</u>

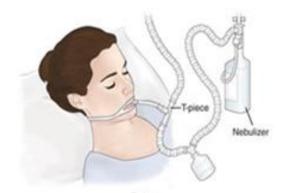
- Disconnect endotracheal tube from ventilator circuit and place patients on T-piece* with FiO₂ 0.40. (For patients with tracheostomy, place patients on tracheostomy mask trial with FiO₂ 0.40)
- 2. Monitor patient for 30-120 minutes:
- 3. **FAIL/ SBT Termination**: Terminate the SBT and return patient to ventilator settings according to assigned algorithm if at any time one of the following occur:
 - a. Respiratory Distress
 - b. Clinical Instability
 - c. Increased somnolence with elevated pCO_2 and/or pH<7.32
 - d. Desaturation with SpO2 <90% on FiO2 0.40
- PASS: Patients will be considered to have passed the SBT if, after a minimum of 30 minutes and maximum of 120 minutes, none of the failure/SBT termination criteria have occurred.
- 5. Extubation/Disconnection: Proceed to evaluate patients with endotracheal tube for extubation criteria. Patients with tracheostomy who pass their initial SBT may remain off ventilator until they develop failure criteria. Tracheostomized patients who fail their initial SBT within 120 minutes may undergo gradual increments in tracheostomy mask trials according to local practice.

*for the purposes of this study, the Sponsor considers SBT performed with patients connected to ventilator on flow-by with CPAP of 0 cmH₂O and FiO₂ 0.40 to be equivalent to SBT performed on T-piece with FiO₂ 0.40.





T-Piece



Tracheostomv Mask Trial

