

Weaning after prolonged mechanical ventilation

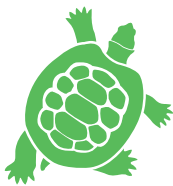


How do I wean my patients with a tracheostomy?



You can still wean after tracheostomy

Go slow!



Barlow hospital
TIPS protocol

TIPS protocol

Up to 3 steps per day at 4-hour intervals.

If patient is breathing comfortably at the 9th step, a slow-paced, spontaneous breathing trial can be started.

Up to 2 steps per day.

After completion of daily steps, put back on step 9 for rest of day.

If patient is breathing comfortably after 19th step, they can be removed from ventilator.

Reduce to SIMV:

- Step 1: AC to SIMV of 10/min and PS of 20
- Step 2: SIMV of 8/min and PS of 20
- Step 3: SIMV of 6/min and PS of 20
- Step 4: SIMV of 4/min and PS of 20

↓ 4 breaths/min (SIMV)

Reduce the pressure support (PS):

- Step 5: SIMV of 4/min and PS of 18
- Step 6: SIMV of 4/min and PS of 16
- Step 7: SIMV of 4/min and PS of 14
- Step 8: SIMV of 4/min and PS of 12
- Step 9: SIMV of 4/min and PS of 10

↓ Pressure support (PS) to 10 cmH₂O

SBT: Reduce to CPAP of 0 and PS of 0 and monitor for:

- Step 10: 1 hour
- Step 11: 2 hours
- Step 12: 4 hours
- Step 13: 6 hours
- Step 14: 8 hours
- Step 15: 10 hours
- Step 16: 12 hours
- Step 17: 16 hours
- Step 18: 20 hours
- Step 19: 24 hours

↓ CPAP and PS to 0



Patient can be extubated

