


EXTUBATION PATHWAY

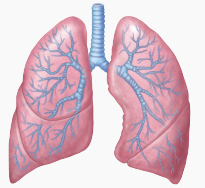
Readiness Criteria
 Resolution or improvement of the underlying problem
 Hemodynamically stable on minimal-to-no pressors
 Temperature < 38 °C
 PEEP ≤ 8 & FiO2 ≤ 50%
 Stable metabolic status (pH ≥ 7.25)
 No seizure, withdrawal, agitation, paralysis, or myocardial ischemia
 No increased ICP

Spontaneous Awakening Trial
 Stop sedation and IV analgesia and assess tolerability
 Respiratory rate <35
 SpO2 ≥ 88%
 No respiratory distress
 No acute cardiac arrhythmias
 No increased anxiety and agitation

Spontaneous Breathing Trial (SBT)
 PS 6-8 cm H2O (if ATC is not on)
 PEEP 5-8 cm H2O
 30-120 minutes



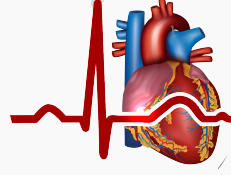
OXYGENATION
 PEEP ≤ 8 & FiO2 ≤ 50%
SpO2 ≥ 88%



VENTILATION
 Respiratory rate <35 and > 6 breaths/min
 Tidal volume ~ 6 mL/kg IBW
 Minute ventilation 100-150 mL/kg IBW
 Rapid Shallow Breathing Index <100



AIRWAY PROTECTION
 Intact neurological status
 Intact cough and gag reflexes
 Easily managed secretions
 Adequate cough strength:
 NIF <-30 cm Hg



HEMODYNAMICS
 Heart rate 60-140 beats/min and <25% above baseline
 Systolic Blood Pressure <180 mmHg or >90 mmHg and <40 mm Hg above baseline
 No acute arrhythmia

EXTUBATION
 If patient passed all criteria
 Otherwise back on full support and 1/2 the dose of sedation and repeat in 24 hours X 3-5 days