Advanced Practice Protocol for Weaning From Mechanical Ventilation

In accordance with the Division of Trauma Practice Guidelines Manual and the Practice Guidelines for Acute Care Nurse Practitioners

I. Definition
   A. Guidelines for mechanical ventilation weaning including SIMV weaning, PSV weaning, IMV weaning, PEEP weaning, Fi0₂ weaning.

II. Subjective data
   A. Attending physician requesting or discussed with primary team.

III. Objective data
   A. no signs of weaning intolerance such as:
      1. agitation
      2. tachycardia
      3. hypertension
      4. diaphoresis
      5. Sp0₂ < 92%
      6. respiratory rate >30
      7. abnormal blood gases

IV. Assessment
   A. causes of weaning intolerance such as pneumonia, effusions, pneumothorax, ARDS, anemia, poor nutrition, heart failure, and oversedation.
   B. Reassess every one to two hours if weaning successful with an Fi0₂ < 40%, peep < 6, IMV<2, PSV=5, RR <30.

V. Plan
   A. Notify fellow/attending if weaning intolerance develops such as decreased tidal volumes < 6cc/kg, PC0₂ >50 or pH < 7.30, RR > 30, or Sp0₂ <92%.