

Please complete each section.

A pulse oximeter and either an ETCO<sub>2</sub> monitor or TCM monitor (for pediatrics/infants) will be used to adjust ventilator settings unless otherwise identified below.

A daily evaluation of Spontaneous Evaluation Criteria will be obtained if patient is stable.

**GUIDELINES FOR TIDAL VOLUMES:**

Adult mechanical V<sub>t</sub>: 6-8 ml/kg of ideal body weight

Pediatric mechanical V<sub>t</sub>: 6-8 ml/kg of body weight

Infant mechanical V<sub>t</sub>: 3-6 ml/kg of body weight

Pressure ventilation patient cycled: 3-6 ml/kg of body weight

Pressure ventilation to not exceed a pressure setting of 40 cm

H<sub>2</sub>O pressure

**I. MODE OF VENTILATION NOTE: Tidal Volume guidelines will be used, unless identified by the physician.**

VOLUME VENTILATION

- SIMV+PS (Pressure Support)
- CMV (Continuous Mechanical Ventilation)
- Volume Support (SERVO Vent only)

PRESSURE VENTILATION

- SIMV+PS
- CMV

PRVC (Pressure regulated volume control) SERVO Vent only.

(Infant target is measured on inspiration; adult/pediatric is measured on expiration)

Do not utilize guidelines for the tidal volume

Place patient on a target Machine V<sub>t</sub> of \_\_\_\_\_; Patient-cycled V<sub>t</sub> of \_\_\_\_\_ (for pressure support modes).

Other modes \_\_\_\_\_

**II. RESPIRATORY RATE**

Machine-cycled respiratory rate at \_\_\_\_\_/minute.

Do not use an ETCO<sub>2</sub> or TCM to monitor patient

Adjust to maintain ETCO<sub>2</sub> or TCM between 30 and 45 mm Hg. **OR**

Between \_\_\_\_\_ and \_\_\_\_\_ mm Hg

**III. FiO<sub>2</sub>**

Adjust FiO<sub>2</sub> to maintain SpO<sub>2</sub> at or above 90% **OR**

Between \_\_\_\_\_% and \_\_\_\_\_%

**IV. PEEP/CPAP LEVEL**

5 cm H<sub>2</sub>O pressure **OR**

at \_\_\_\_\_ cm H<sub>2</sub>O

**V. ADDITIONAL ORDERS**

**Obtain Chest x-ray for tube placement**

Automatic Mode (SERVO only)

**After initial settings, obtain arterial blood gas (or venous for pediatrics/infants) within 30 minutes or at \_\_\_\_\_ (time). Point of Care may be utilized at SMH.**

**Correlate the non-invasive monitors: if ETCO<sub>2</sub> or TCM less than or equal to 10 mm Hg from the PaCO<sub>2</sub>, use the ETCO<sub>2</sub> or TCM values to adjust respiratory rate and target V<sub>t</sub>.**

ABG (VB for pediatric/infant) PRN for change in patient status. Point of Care may be utilized at SMH.

**Ideal Body Weight Calculation:**

Males = 50 kg for first 5' of height, plus 2.3 kg for each subsequent inch **OR** 50 + [2.3 x (height in inches - 60)]

Females = 45.5 kg for the first 5' of height, add 2.3 kg for each subsequent inch

**OR** 45.5 + [2.3 x (height in inches - 60)]

\_\_\_\_\_(Physician Signature) \_\_\_\_\_(Date) \_\_\_\_\_(Time) \_\_\_\_\_RCP Noting orders.



- SAFH
- SDH
- SMCS
- SRMC

**Initial Ventilator Management Physician Orders**

Patient Identification