

**2020 Alameda County EMS
Critical Care Paramedic (CCP) Field Manual**

CCP policies and protocols should be used as guidelines and are not intended as a substitute for sound medical judgment. Unusual patient presentations make it impossible to develop a policy or protocol for every possible patient situation.

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VENTILATOR MANAGEMENT

4. SPECIAL INFORMATION

- 4.1. The ventilator that the provider is to use should be able to match the existing ventilator settings. The following minimum device features (including circuit) must be present for this category of patient:
- 4.1.1. Set rate of ventilations
 - 4.1.2. Adjustable delivered tidal volume
 - 4.1.3. Adjustable Inspiratory and Expiratory ratios (I:E ratio)
 - 4.1.4. Positive End-Expiratory Pressure (PEEP)
 - 4.1.5. Peak airway pressure gauge
 - 4.1.6. Modes
 - Assist Control (AC)
 - Pressure Control (PC)
 - Pressure Regulated Volume Control (PRVC)
 - Synchronized Intermittent Mandatory Ventilation (SIMV)
 - Controlled Mechanical Ventilation (CMV)
 - Continuous Positive Airway Pressure (CPAP)
 - Bi – level Positive Airway Pressure (BiPAP)
 - 4.1.7. Alarms
 - Peak airway pressure
 - Disconnect
 - 4.1.8. Strongly recommended option – blend percentage oxygen
- 4.2. Agencies using this equipment must be certain to follow the manufacturer's instructions regarding the use, maintenance, cleaning and regular testing of this device
- 4.2.1. The units must be inspected and tested after every patient use
 - 4.2.2. The units must be disinfected after use unless a disposable unit is used
 - 4.2.3. The units shall undergo preventative testing and maintenance by qualified personnel annually
 - 4.2.4. Agencies shall arrange for (at least) annual inspections and testing of the equipment by a manufacturer's representative (or designee). Documentation of this service shall be maintained in a service log. This record shall be kept by each agency using ATV's.
- 4.3. CCPs must be thoroughly trained and regularly retrained in the devices use. Such training shall occur annually and shall be documented.

APPROVED: _____


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