

CENTRAL CALIFORNIA
EMERGENCY MEDICAL SERVICES
A Division of the Fresno County Department of Public Health

Manual	Emergency Medical Services Administrative Policies and Procedures	Policy Number 540.16
Subject	Critical Care Paramedic Treatment Protocols VENTILATORS (AUTOMATIC TRANSPORT) - ATV	Page 1 of 2
References	California Code of Regulations Title 22, Division 9, Chapter 4	Effective 06/01/2018

I. PURPOSE

To authorize CCPs to monitor and adjust ATVs during scheduled interfacility transport.

II. POLICY

- A. Authorized CCPs will be permitted to monitor and adjust ATV’s during scheduled interfacility transports.
- B. **CCPs may not initiate ventilator support (CCP may initiate CPAP utilizing transport ventilator in accordance with EMS policy).**

III. PROCEDURE

Ventilator support must be regulated by an ATV familiar to the CCP. If an ATV failure occurs and cannot be corrected, the CCP is to discontinue use of the ATV and initiate ventilation by bag- valve.

- A. **Personnel shall monitor the PSI level in the oxygen cylinder.**
- B. A continuous wave-form capnography must be employed during transport.
- C. CCPs shall continually observe the patient and document patient response to any changes while the device is operational. CCPs shall chart the initial settings and any subsequent changes. Such documentation shall appear on the patient care report.
- D. Signed transfer guidelines from the transferring physician must be obtained prior to transport. Transfer guidelines must provide parameters for maintaining and adjusting ventilations via ATV during transport.

IV. PRECAUTIONS

The CCP is responsible for all airway management and must frequently reassess endotracheal tube placement. Bilateral breath sounds and end – tidal CO2 are to be checked after each patient movement.

V. SPECIAL INFORMATION

- A. 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:
 - 1. Set rate of ventilations
 - 2. Adjustable delivered tidal volume

Approved By	Daniel J. Lynch (Signature on File at EMS Agency)	Revision
EMS Director		
EMS Medical Director	Jim Andrews, M.D. (Signature on File at EMS Agency)	

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3. Positive End-Expiratory Pressure (PEEP)
 4. Peak airway pressure gauge
 5. Modes:
 - a. Assist Control (AC)
 - b. Controlled Mechanical Ventilation (CMV)
 - c. Continuous Positive Airway Pressure (CPAP)
 6. Alarms:
 - a. Peak airway pressure
 - b. Disconnect
- B. Agencies using this equipment must be certain to follow the manufacturer's instructions regarding the use, maintenance, cleaning and regular testing of this device.
1. The units must be inspected and tested after every patient.
 2. The units must be disinfected after use unless a disposable unit is used.
 3. The units shall undergo preventative testing and maintenance by qualified personnel annually
 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.
- C. CCPs must be thoroughly trained and regularly retrained in the devices they use. Such training shall occur annually and shall be documented.