



# SIERRA-SACRAMENTO VALLEY EMS AGENCY PROGRAM POLICY

REFERENCE NO. 1110-K

## SUBJECT: INFREQUENTLY USED SKILLS – VERIFICATION OF MAINTENANCE

### CONTINUOUS POSITIVE AIRWAY PRESSURE (CPAP) DEVICES ANNUAL SKILLS VERIFICATION

NAME \_\_\_\_\_ DATE \_\_\_\_\_

ALS AGENCY \_\_\_\_\_ EVALUATOR \_\_\_\_\_

**OBJECTIVE:** The candidate will demonstrate the ability to correctly identify the indications for CPAP and properly apply and use the device

**EQUIPMENT:** Manikin or simulated patient, oxygen source, required CPAP equipment (device specific), appropriate mask sizes, stethoscope.

**PERFORMANCE CRITERIA AND CONDITIONS:** The candidate will be presented with a manikin or simulated patient who has pulmonary edema and is in moderate – severe respiratory distress. The candidate will correctly assemble and apply the CPAP device and properly inform / instruct the patient on its use.

EVENT	DOES	DOES NOT
<b>1. States the indications for the application and use of CPAP</b> <ul style="list-style-type: none"><li>• Age &gt; 8 years old</li><li>• Moderate – Severe respiratory distress</li><li>• CHF with acute pulmonary edema</li><li>• Near drowning</li></ul>		
<b>2. States the contraindications for the application and use of CPAP</b> <ul style="list-style-type: none"><li>• &lt; 8 years old</li><li>• Respiratory or cardiac arrest</li><li>• Agonal respirations</li><li>• Severe decreased LOC</li><li>• SBP &lt; 90</li><li>• S/S of pneumothorax</li><li>• Inability to maintain airway patency</li><li>• Major trauma, especially Head Injury with increased ICP or significant chest trauma</li><li>• Facial anomalies</li></ul>		
<b>3. States the complications for the application and use of CPAP</b> <ul style="list-style-type: none"><li>• Hypotension</li><li>• Pneumothorax</li><li>• Corneal drying</li></ul>		
<b>4. States or demonstrates the use of appropriate PPE</b>		
<b>5. Properly assemble equipment (device specific) including selection of the appropriate size mask</b>		
<b>6. Properly informs / instructs patient on device application and use</b>		

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**CONTINUOUS POSITIVE AIRWAY PRESSURE (CPAP) DEVICES ANNUAL SKILLS  
VERIFICATION – Cont.**

EVENT	DOES	DOES NOT
7. Properly applies device to patient		
8. Selects appropriate device settings or Oxygen flow rate / adjusts as necessary		
9. Reassess patient for proper fit, use and airway patency		
10. Explains / demonstrates the proper procedure for administering NTG to a patient on CPAP <ul style="list-style-type: none"> <li>• Unhook or remove the CPAP mask temporarily, administer the NTG sublingually and immediately replace the CPAP mask (should be done as quickly as possible)</li> </ul>		