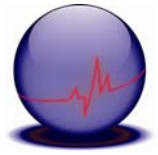




**FAST RESPONSE SCHOOL OF HEALTHCARE EDUCATION**  
**EMERGENCY MEDICAL TECHNICIAN**  
**EMT Medical Skill Sheet**



**Continuous Positive Airway Pressure (CPAP)**

- OBJECTIVE:** Student will demonstrate the ability to correctly assemble and apply a CPAP device to a patient
- EQUIPMENT:**
1. Patient.
  2. Oxygen Tank with Regulator.
  3. CPAP Device.
  4. Stethoscope.

**CPAP Technique:**

1.	Takes body substance isolation precautions.
2.	Gathers necessary equipment.
3.	Assesses vital signs, oxygen saturation, ETCO <sub>2</sub> and lung sounds.
4.	Identifies indications for CPAP use <ul style="list-style-type: none"><li>• Age &gt;8 years old</li><li>• Signs of pulmonary edema</li><li>• Pulmonary edema secondary to near-drowning</li><li>• Severe respiratory distress</li><li>• Respiratory drive present and adequate (rate &gt;10)</li><li>• GCS &gt;13</li></ul>
5.	Verbalizes contra-indications of CPAP Use <ul style="list-style-type: none"><li>• Physical findings indicating a pneumothorax present</li><li>• Hypotension (Systolic &lt;90)</li><li>• Vomiting</li></ul>
6.	Have patient in a seated Full-Fowlers or Tripod position prior to application of CPAP.
7.	Prepares equipment. <ul style="list-style-type: none"><li>• Connects the funnel on the CPAP extension to mask and connects to oxygen</li><li>• Adjusts oxygen flow rate to 15 LPM or higher</li></ul>
8.	Explains procedure to patient.
9.	Applies mask to patients face.
10.	Ensures a proper seal with no leaks.
11.	Instructs patient to breathe normally and adjust to air pressure.
12.	Applies and secures straps to mask and around patients head
13.	Reassesses vital signs, oxygen saturation, ETCO <sub>2</sub> and lung sounds.
14.	Verbalizes high priority transport.

**CRITICAL CRITERIA**

<ul style="list-style-type: none"><li>• Did not take or verbalize BSI.</li><li>• Improper assembly or placement</li><li>• Did not correctly identify or verbalize the constitution of CPAP.</li><li>• Did not turn on oxygen at proper rate before applying mask.</li><li>• Did not rule out contra-indications.</li><li>• Did not confirm proper seal of mask.</li><li>• Failure to manage the patient as a competent EMT</li></ul>
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