S-9 – CPAP (Continuous Positive Airway Pressure)

Evaluate the following conditions before applying CPAP;

- A. Heart rate: look for a decrease
- B. Respiratory rate: look for a decrease
- C. Blood Pressure: look for a decrease
- D. S_0O_2 : look for an increase
- E. Mental Status
- F. Lung sounds

Explain procedure to patient

INDICATIONS FOR POTENTIAL USE OF CPAP

- 1. For patients 8 years of age or older, in severe respiratory distress from suspected acute pulmonary edema. The index of suspicion should be elevated for patients with the following assessments:
- --On medications such as digoxin or lasix
- --Pedal edema
- --Jugular Venous Destination (JVD)
- --Rales sounds in lungs
- --Patients with a history of CHF
- 2. For patients 8 years of age or older, in respiratory distress from asthma, bronchospasms or COPD without mental status changes.
- 3. For patients 8 years or older, in respiratory distress from near drowning.

Set up CPAP System (per manufacturer's recommendations) to 10 cm H_2O pressure.

Apply CPAP mask while reassuring patient. Encourage patient to breathe normally.

Re-evaluate the patient every five (5) minutes and document findings for:

- A. Heart rate: look for a decrease
- B. Respiratory rate: look for a decrease
- C. Blood Pressure: look for a decrease
- D. S_pO_2 : look for an increase
- E. Mental Status
- F. Lung sounds

Notify Receiving Hospital ASAP once CPAP has been applied to patient

If patient improves, do not remove CPAP device until receiving hospital is prepared to replace the device with their own system, or instructed by a physician.

Disrupted Communications: In the event of a "disrupted communications" situation, the EMT-P in Solano County may utilize all portions of this treatment protocols without Base Hospital Contact as is needed to stabilize an immediate patient.