



CPAP

EMT-Basic

Advanced EMT

Paramedic

PROCEDURE

- ❑ Connect tubing to high pressure unregulated Oxygen source of 50 psi. Do NOT use the regulated flowmeter.
- ❑ Explain procedure and coach patient, some patients will demonstrate anxiety with procedure. **COACHING IS KEY**
- ❑ Select appropriate size mask and guide on to patient's face and secure.
- ❑ Start at 5 cmH₂O and increase until desired effect (max of 15 cmH₂O).
- ❑ Nebulizer may be given as an inline treatment if indicated.
- ❑ Capnography may be attempted (nasal is preferred, consider application at time of CPAP).
- ❑ Remove **IMMEDIATELY** if any contraindication* develops and manage oxygenation/ventilation with alternative means (may re-apply if/when contraindication is resolved)

REFERENCE GRAPHICS



KEY POINTS

- Ensure that the patient is able to produce a normal tidal volume – this device provides pressure, not volume
- This is never to be used as a substitute for a BVM
- The mask will connect to a BVM should the patient's condition warrant supportive ventilations
- Use in conjunction with NTG spray in patients suspected with CHF

INDICATIONS

Severe respiratory distress secondary to, but not limited to:

- Pulmonary edema: heart failure, near drowning
- Obstructive lung pathology: COPD, asthma
- Pulmonary infections
- Toxic inhalations
- Severe obesity

*CONTRAINDICATIONS

- Apnea
- Decreased level of consciousness preventing patient from following commands or coaching
- Hypotension
- Inability to protect airway secondary to vomiting, obstruction, secretions

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