

# Continuous Positive Airway Pressure (CPAP) Medical Directive – AUXILIARY

An Advanced Care Paramedic may provide the treatment prescribed in this auxiliary Medical Directive if authorized.

## Indications

Severe respiratory distress;

**AND**

Signs and /or symptoms of acute pulmonary edema or COPD.

## Conditions

	CPAP
<b>Age</b>	≥ 18 years
<b>LOA</b>	N/A
<b>HR</b>	N/A
<b>RR</b>	Tachypnea
<b>SBP</b>	Normotension
<b>Other</b>	SpO <sub>2</sub> < 90% or accessory muscle use

## Contraindications

CPAP
Asthma exacerbation
Suspected pneumothorax
Unprotected or unstable airway
Major trauma or burns to the head or torso
Tracheostomy
Inability to sit upright
Unable to cooperate

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## Treatment

<b>Consider CPAP</b>		
<b>Initial Setting</b>	5 cm H <sub>2</sub> O	Or equivalent flow rate of device as per RBHP direction
<b>Titration increment</b>	2.5 cm H <sub>2</sub> O	Or equivalent flow rate of device as per RBHP direction
<b>Titration interval</b>	5 min	
<b>Max. setting</b>	15 cm H <sub>2</sub> O	Or equivalent flow rate of device as per RBHP direction

<b>Consider increasing FiO<sub>2</sub> (if available)</b>	
<b>Initial FiO<sub>2</sub></b>	50-100%
<b>FiO<sub>2</sub> increment (if available on device)</b>	SpO <sub>2</sub> <92% despite treatment and/or 10 cm H <sub>2</sub> O pressure or equivalent flow rate of device as per RBHP direction
<b>Max. FiO<sub>2</sub></b>	100%

**Confirm CPAP pressure by manometer (if available)**

## Clinical Considerations

N/A