

Assess ABC's
 History and Physical Exam- Determine severity and type of illness
 Consider ILI (Influenza Like Illness) Asthma, Pneumonia
 Vital Signs
 Oxygen: Titrate to SPo2 to 94%
 Older than 12 years – Consider CPAP for moderate to severe distress
 Airway control as appropriate

Patient alert
 Systolic BP above 90
 No CPAP contraindications

Setup CPAP equipment and explain procedure to patient.
 Utilize device per manufacturer instructions
 ILI/COVID s/s see below prior to CPAP

ALS

Bronchospasm / Asthma / COPD

CHF / Pulmonary edema see page 2

Mild distress:
 Mild wheezing / SOB and/or cough

Moderate / Severe distress
 Severe wheezing / SOB
 Accessory muscle use
 Difficulty speaking
 Cyanosis

Albuterol 5mg/ml Nebulized
 Or
 MDI if ILI is suspected

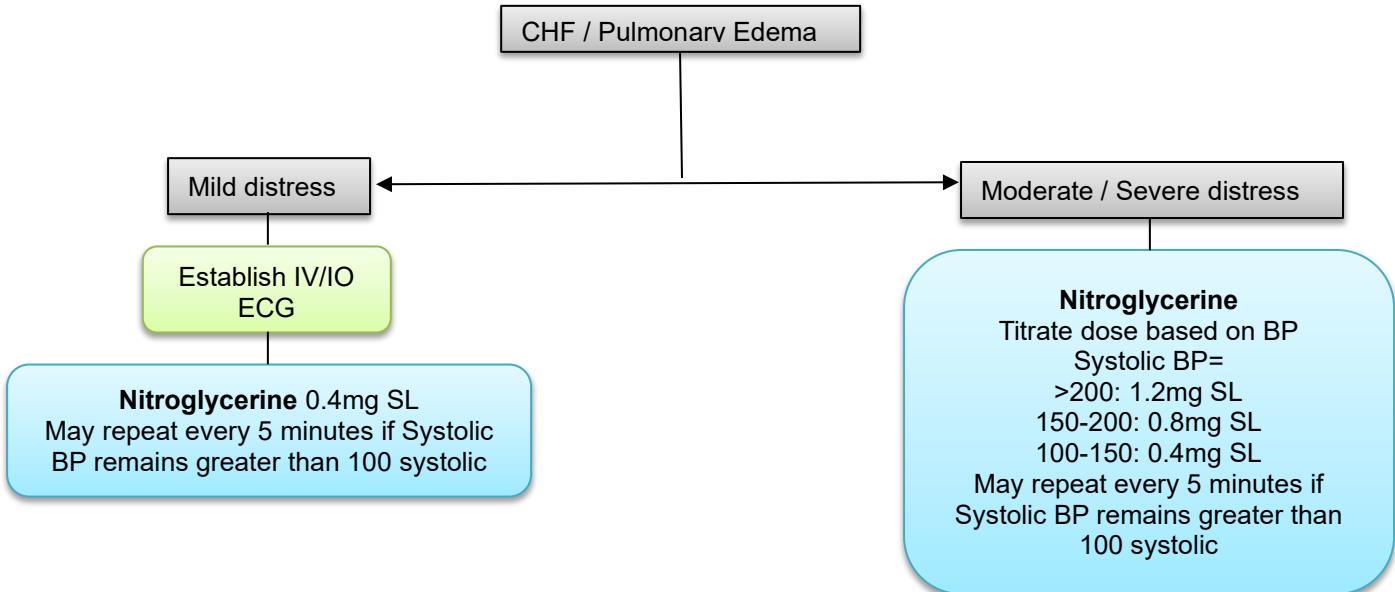
Albuterol 5mg with
 Ipratropium 500mcg/2.5ml nebulized
 Or
 MDI if ILI is suspected

Albuterol 5mg/ml Nebulized
 Or
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Epinephrine
 0.01mg/kg of 1:1000 IM (Max 0.5mg)

Magnesium
 1-2g IV over 10-20 minutes in 50-100mL of NS

Establish IV/IO
 ECG



High Flow Nasal Cannula (HFNC)

Paramedics may consider High Flow Nasal Cannula- See 1836

CPAP CONTRAINDICATIONS:

Age Less than 12 years
 Influenza Like Illness (ILI) / COVID19 (Relative contraindication)
 Respiratory arrest, Cardiac arrest, agonal respiration
 Unconscious patient, depressed level of consciousness
 Inability to cooperate / tolerate the device or understand and follow commands for use
 Inability to achieve a good seal
 Suspected Pneumothorax / Barotrauma
 Inability to maintain patent airway
 Major trauma – especially to chest or head (Increased ICP)
 Patient vomiting
 Claustrophobia or inability to tolerate mask (After 1-2 min trial)
 History of pulmonary fibrosis

ILI / COVID **See COVID protocol**

CPAP/HFNC and nebulizer treatments are high risk to providers

(Ensure good PPE for all personnel in contact PPE SHALL CONTAIN N95/P100, gown and eye protection)

Nebulizers should be avoided. Use of Metered Dose Inhaler (MDI) is preferred. If nebulizer treatment is provided it SHALL be completed in an outdoor environment with full PPE for providers.

ILI COVID Signs/Symptoms include:

- Cough
- Fever
- Fatigue
- Sputum production
- Sore throat
- Headache
- Respiratory distress
- Acute loss of taste and smell

Receiving facility should be notified of any suspicion of ILI/COVID