



BLS

ALS

- Ensure patent airway
 - Reassurance
 - Dislodge any airway obstruction. Treat per Airway Obstruction Protocol (S-121)
 - O2 saturation
 - O2 and/or ventilate PRN
 - Transport in position of comfort
 - Carboxyhemoglobin monitor PRN, if available
 - May assist patient to self-medicate own prescribed MDI **once only**. BH contact required for additional dose(s)
- Toxic inhalation (e.g., CO exposure, smoke, gas)**
- Move patient to safe environment
 - 100% O₂ via mask
 - Consider transport to facility with hyperbaric chamber for suspected CO poisoning for unconscious or pregnant patients
- Croup-like cough**
- Aerosolized saline or water 5 mL via O₂-powered nebulizer/mask, MR PRN

- Monitor/EKG
 - Capnography PRN
 - IV/IO [Ⓐ]
 - Intubate PRN
 - NG/OG PRN
- Suspected CHF/cardiac origin**
- NTG¹ SL
 - **If systolic BP ≥100 but <150:** NTG 0.4 mg SL, MR q3-5 min [Ⓐ]
 - **If systolic BP ≥150:** NTG 0.8 mg SL, MR q3-5 min [Ⓐ]
 - CPAP 5-10 cmH₂O
- Suspected non-cardiac origin²**
- Albuterol/Levalbuterol 6 mL via nebulizer, MR [Ⓐ]
 - Ipratropium bromide 2.5 mL 0.02% via nebulizer added to first dose of albuterol/levalbuterol
 - CPAP 5-10 cmH₂O
- Severe respiratory distress/failure or inadequate response to nebulized treatments consider**
History of asthma or suspected allergic reaction
- Epinephrine 0.5 mg 1:1,000 IM, MR x2 q5 min [Ⓐ]

Notes:

- For respiratory arrest, immediately start BVM ventilation
- Use caution with CPAP in patients with COPD; start low and titrate pressure
- Epinephrine IM: Use caution if known cardiac history, history of hypertension, SBP >150 mmHg, or age >40
- Fireline paramedics without access to O₂ may use MDI

¹ NTG is contraindicated in patients who have taken erectile dysfunction medications such as sildenafil (Viagra®), tadalafil (Cialis®), and vardenafil (Levitra®) within 48 hours; and pulmonary hypertension medications such as sildenafil (Revatio®), and epoprostenol sodium (Flolan®) and (Veletri®)

² Infection control: If concerned about aerosolized infectious exposure, substitute with MDI, if available