

# TOXIC INHALATION

## Indications

- Respiratory distress caused by inhalation of toxic gases
- Symptoms may include headache, malaise, dizziness, nausea/vomiting, seizures, hypotension, coma; may be associated with cherry-red color of mucous membranes (late sign)
- Consider carbon monoxide (CO) poisoning or cyanide poisoning with any patient exposed to products of combustion toxic gases in an enclosed area

Rapid removal of patient from toxic environment



High flow oxygen; give oxygen despite normal SpO2



ALS RMC



**If wheezing**

- **Albuterol** 5mg in 6ml NS via HHN
- Repeat as indicated



CO monitoring, if available

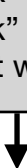


**High Suspicion of CO poisoning**

- Any patient (non-smoker) with CO >9%
- Any patient (smoker) with CO >12%

**At Risk for CO poisoning**  
(at risk= pregnant, children <6y, elderly, patients with hx of respiratory problems)

- Any “at risk” patient (non-smoker) with CO >4%
- Any “at risk” patient (smoker) with CO >8%
- Any patient with CO sx and confirmed source of CO



**If patient exhibits serious signs and symptoms of smoke inhalation (ie: unconscious/unresponsive, hypotension, and/or severely ALOC)**

- Treat with **CYANOKIT (hydroxocobalamin)**
  - Adult: 5g IV/IO infusion over 15 min. **MR x1** if severe signs of poisoning and lack of clinical response to first dose
    - **Max total dose:** 10g
  - Pediatric: not approved