



Carbon Monoxide/ Cyanide

History

- Smoke inhalation
- Ingestion of cyanide
- Eating large quantity of fruit pits
- Industrial exposure
- Trauma
- Reason: Suicide, criminal, accidental
- Past Medical History
- Time/ Duration of exposure

Signs and Symptoms

- AMS
- Malaise, weakness, flu like illness
- Dyspnea
- GI Symptoms; N/V; cramping
- Dizziness
- Seizures
- Syncope
- Reddened skin
- Chest pain

Differential

- Diabetic related
- Infection
- MI
- Anaphylaxis
- Renal failure/ dialysis problem
- Head injury/ trauma
- Co-ingestant or exposures

	Immediately Remove from Exposure
	Appropriate Airway Protocol(s) 1 - 7 as indicated
	High Flow Oxygen
	Blood Glucose Analysis Procedure
B	12 Lead ECG Procedure
	IV or IO Access Protocol UP 6
P	Cardiac Monitor/ CO Monitor
	Altered Mental Status Protocol UP 4 if indicated
	Age Appropriate Diabetic Protocol AM 2/ PM 2 if indicated
	Age Appropriate Multiple Trauma Protocol TB 6 Head Injury TB 5 if indicated
	Age Appropriate Hypotension/ Shock Protocol AM 5/ PM 3 if indicated

**Contact
Carolinas Poison Control
1-800-222-1222**

P	Hydroxocobalamin 70 mg / kg IV / IO Maximum 5 g
	OR
	If Altered Mental Status Sodium Thiosulfate 12.5 grams IV x 1 Pediatrics 1ml/kg (Max 50ml = 12.5 grams) <i>If available</i>

High Suspicion of Cyanide

← YES →

NO

	Continue Care Continue High Flow Oxygen
	Monitor and Reasses

Notify Destination or Contact Medical Control

Pearls

- **Recommended exam: Neuro, Skin, Heart, Lungs, Abdomen, Extremities**
- **Scene safety is priority.**
- Consider CO and Cyanide with any product of combustion.
- Normal environmental CO level does not exclude CO poisoning.
- Symptoms present with lower CO levels in pregnancy, children, and the elderly.
- Continue high flow oxygen regardless of pulse ox readings.