

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
A	IV/ IO Procedure
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

High Suspicion of Cyanide

→ YES →

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P	Hydroxocobalamin 70 mg / kg IV / IO Maximum 5 g <i>If available</i>
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NO

	Continue Care Continue High Flow Oxygen
	Monitor and Reasses

	Notify Destination or Contact Medical Control	
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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.