

# PEDIATRIC MEDICAL PM-09

## **OVERDOSE/ POISONING**

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History and Physical:	
Historical Findings	Physical Findings
<ul> <li>Known or suspected ingestion or injection of</li> </ul>	<ul><li>Lethargy</li></ul>
pharmacoactive substance, whether	■ AMS
intentional or accidental	<ul><li>Combative</li></ul>
<ul><li>Ingestion, inhalation, or absorption of</li></ul>	<ul><li>Unresponsive</li></ul>
potentially harmful substance	

#### **Assessment:**

- Medical Assessment
- Differential Diagnoses: Toxins, Seizure, CVA, Metabolic (glucose)

Clinical Management Options:	
Interventions	Pharmacology
<ul> <li>■ Oxygen therapy as indicated</li> <li>○ 100% O₂ for carbon monoxide, consider hyperbaric therapy</li> <li>■ Vascular Access</li> </ul>	Sympathomimetic overdose  Midazolam 0.1mg/kg IV/IO/IM/IN  Cholinergics and OGP poisoning  Atropine 0.02mg/kg IV/IO  May repeat q5 minutes PRN  Max single dose: 0.5mg  Opiate Overdose  Naloxone 0.4mg-2mg IV/IO/IN/IM  For respiratory depression due to
	suspected opiate overdose  o May repeat PRN  Cardiotoxins
	<ul> <li>For Symptomatic Bradycardia</li> </ul>
	<ul> <li>Epinephrine infusion 2-10mcg/min</li> <li>Mix 1 mg in 100ml (10mcg/ml)</li> <li>Utilize infusion pump</li> <li>TCA or Na-Channel Blocker overdose</li> <li>Sodium Bicarbonate 1mEq/Kg IV/IO</li> <li>For Hypotension and/or widened QRS</li> </ul>

#### **Consult:**

None

### **Considerations:**

Consider contacting Poison Control (1-800-POISON-1 / 1-800-764-7661)