

PEDIATRIC TOXIC EXPOSURES

ALWAYS USE BODY SUBSTANCE ISOLATION PRECAUTIONS

INDICATION

- Probable ingestion and/or exposure to one or more toxic substances, including alcohol and medications


PHYSICIAN CONSULT

- **Calcium Channel Blocker, Beta-Blockers, and Tricyclic overdoses**

CRITICAL INFORMATION

- Treat according to length based color-coded resuscitation tape. Apply corresponding wrist band.
- Neonate = birth to four weeks; infant = four weeks to 1 year; child = 1-14 years; adolescent = >14 years
- Bring identifying substance containers to hospital when possible / appropriate

TREATMENT

- ALS RMC
- Fluid bolus **NS** 20 ml/kg IV/IO as indicated
- If suspected opiate overdose in patient > four weeks, administer **Narcan** 0.1 mg/kg IV/IO/IM/IN prior to advanced airway
 - **Hydrocarbons or Petroleum Distillates**
 - Do not induce vomiting
 - Transport immediately
 - **Calcium Channel Blockers / Tricyclics / Beta-Blockers**
 - Transport immediately
 - If within one hour of ingestion Administer **Activated Charcoal** 1 gm/kg PO, max. of 50 gms, if airway is protected
 -  Physician consultation for additional treatments (i.e., Calcium Chloride, Sodium Bicarb)
 - **Caustics/Corrosives**
 - Do not induce vomiting
 - Consider dilution with no more than 1-2 glasses of water or milk if NO respiratory compromise or change in mental status
 - **Insecticides** (organophosphates, carbonates; cause cholinergic crisis characterized by bradycardia, increased salivation, lacrimation, sweating, muscle fasciculation, abdominal cramping, pinpoint pupils, incoherence or coma):
 - Decontaminate patient
 - **Atropine** 0.05 mg/kg IV/IO slowly every 5-10 min. to max. of 4 mg or relief of symptoms
 - If seizures: **Midazolam (Versed)** 0.05 mg/kg IV/IO/IM; MR q 10 minutes to maximum dose of 5 mg
 - For IN: 0.2 – 0.4 mg/kg (split dose in half for each nostril; maximum dose of 2 cc per nostril). Give every 5 minutes until seizure stops and/or maximum dose of 5 mg is reached.
 - **Phenothiazine Reactions**
 - **Benadryl** 1 mg/kg IM/IV/IO to max. of 50 mg
 - **Other Non-Caustic Drugs**, awake and alert
 - If within one hour of ingestion: **Activated Charcoal** 1 gm/kg PO, max. of 50 gms

SPECIAL CONSIDERATION

- Early contact with Poison Control Center

DOCUMENTATION- ESSENTIAL ELEMENTS

- Toxic substance identification
- Approximate time of exposure / ingestion

RELATED POLICIES/ PROCEDURES

- Intranasal Medications Midazolam(Versed) and Narcan ALS PR 7
- Pediatric Seizures P 9