



Organophosphate Exposure

Assessment

Pediatric Pearls:

- Use pediatric dosing of medications or electrical therapy for a pediatric patient < 37 kg and as defined by the PEDIA Tape.

Signs & Symptoms:

- Salivation
- Lacrimation
- Urination
- Defecation
- GI distress
- Emesis
- Bronchospasm
- Bronchorrhea
- Bradycardia
- Seizure

Differential:

- Stroke
- MI
- Asthma / COPD
- Other chemical agent / weapon
- Biologic agent / weapon
- Overdose
- Food borne illness
- Airborne irritant (hydrogen sulfide, chlorine, etc.)

Clinical Management Options

P	P	P	P	P	P	<ul style="list-style-type: none"> • Scene safety, PPE
L	L	L	L	L	L	<ul style="list-style-type: none"> • Decontamination as trained and equipped
1	2	3	4	5	6	<ul style="list-style-type: none"> • Oxygen
						<ul style="list-style-type: none"> • If Hypersalivation: Ipratropium Bromide • CPAP
						<ul style="list-style-type: none"> • Vascular access
						<ul style="list-style-type: none"> • Atropine titrated to improvement of secretions, no max dose in this setting. • Pralidoxime as available
						<ul style="list-style-type: none"> • If Seizures, Midazolam and refer to Seizure COG

Consult Online Medical Control As Needed

Pearls:

- Refer to drug formulary charts for all medication dosing for both adults and pediatric patients.
- Follow HazMat procedures for decontamination.
- Assure decontamination prior to initiating treatment unless specifically trained and equipped.