

# 2.13P

## Nerve Agents Organophosphate Poisoning – Pediatric

### EMT/ADVANCED EMT STANDING ORDERS

**E/A**

- Routine Patient Care.
  - Assess for SLUDGEM [Salivation, Lacrimation, Urination, Defecation, Gastric upset, Emesis, Muscle twitching/miosis (constricted pupils) and KILLER Bs (Bradycardia, Bronchorrhea, Bronchospasm)].
  - Remove to cold zone after decontamination and monitor for symptoms.
  - Antidotal therapy should be started as soon as symptoms appear.
  - All antidote auto-injections must be administered IM.
- Determine dosing according to the following symptom assessment and guidelines.

Tag Color	Signs & Symptoms of SLUDGEM	Autoinjector Dose and Monitoring Interval		Maintenance Dose
RED (Pediatric)	Yes	Age < 1 year	1 Peds Atropine Auto-Injector (0.5mg) * Monitor every 3 minutes	1 Atropine Auto-Injector (0.5mg) every 3 – 5 minutes, as needed.
	Yes	Age > 1 year	1 Adult DuoDote Monitor every 3 minutes	
GREEN (Pediatric)	No	None Monitor every 10 minutes for evidence of exposure.		

\*DuoDote may be used for pediatric patients < 1 year old in a life-threatening situation with exposure symptoms when no pediatric doses of atropine or pralidoxime chloride are available.

### PARAMEDIC STANDING ORDERS

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- In the unlikely event that field conditions permit, follow weight-based dosing and treatment guidelines:
  - Initiate cardiac monitoring.
  - Establish IV access.
  - Atropine 0.05 – 0.1mg/kg IV or IM (minimum dose of 0.1mg, maximum single dose 5mg); repeat every 2 – 5 minutes as needed.
  - Pralidoxime 25 – 50mg/kg/doses IV (maximum dose 1 gram) or IM (maximum dose of 2 grams), may repeat within 30 – 60 minutes as needed, then again every hour for 1 – 2 doses as needed.
  - Diazepam 0.3mg/kg IV (0.5mg/kg per rectum) (maximum dose 10mg), repeat every 5 – 10 minutes as needed.
- **Instead of diazepam, may use either:**
  - Lorazepam 0.1mg/kg IV/IM (maximum dose 4mg), repeat every 5 – 10 minutes as needed, **OR**
  - Midazolam 0.2mg/kg IM/IN/IV, repeat every 5 – 10 minutes as needed.

### PARAMEDIC MEDICAL CONTROL – MAY CONSIDER:



- Pralidoxime maintenance infusion: 10 – 20mg/kg/hr.