

Nerve Agents

Organophosphate Poisoning - Adult 2.13A

EMERGENCY MEDICAL RESPONDER/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	Apnea Convulsions Unconsciousness Flaccid paralysis	3 DuoDotes AND 1 diazapam (10mg) auto-injector	1 DuoDote every hour for 3 hours
YELLOW	Dyspnea Twitching Nausea, vomiting Sweating, anxiety Confusion Constricted pupils, Restlessness, weakness	1 DuoDote AND Monitor every 10 minutes	
GREEN	Asymptomatic None	Monitor every 10 – 15 minutes for evidence of exposure.	

PARAMEDIC STANDING ORDERS

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- If field conditions permit, initiate cardiac monitoring and consider the administration of IV medications.
 - If symptoms persist after the administration of 3 DuoDote kits:
 - Atropine 2mg IV; repeat every 5 minutes until secretions clear.
 - Pralidoxime 1 – 2 gram IV over 30 – 60 minutes.
 - Diazepam 5mg IV every 5 minutes; or 10mg IM or diazepam auto-injector (10mg) every 10 minutes, as needed.
- Instead of diazepam, may use either:**
- Lorazepam 1mg IV; may repeat once in 5 minutes, or 2mg IM, may repeat once in 10 minutes, **OR**
 - Midazolam 2.5mg IV/IN every 5 minutes; or 5mg IM every 10 minutes as needed.

PARAMEDIC MEDICAL CONTROL – MAY CONSIDER:



- Pralidoxime maintenance infusion: up to 500mg per hour (maximum of 12 grams in 24 hours).