

NERVE AGENT

Clinical Statement: This SO will be implemented under MCI, Hazmat and/or WMD conditions. Therefore, it is understood that ALS, BLS, and Firefighters will be utilizing the DuoDote™ auto-injector for intramuscular injection (IM)

Each DuoDote™ Auto-Injector Delivers: Using the 2-chamber BinaJect™ drug delivery system, contains 2.1 mg atropine in 0.7 mL and 600 mg pralidoxime chloride in 2 mL sequentially using a single needle.

Indications: Antidote for organophosphate (nerve agent/insecticide) poisoning

Mild Exposure Symptoms	Treatment
Pinpoint pupils	One (1) DuoDote™ Kit IM Repeat every 10 mins. IM as needed. Max of three doses.
Runny nose	
Localized muscle twitches	
Sweating	

Moderate Exposure Symptoms	Treatment
Muscular weakness	One (1) or two (2) DuoDote™ Kit IM Support ventilation if needed. Consider intubation to protect the airway. Repeat DuoDote™ Kit IM every 10 mins. as needed. Max of three doses.
Vomiting & Diarrhea	
Increased respiratory distress	

Severe Exposure Symptoms	Treatment
Unconscious	Three (3) DuoDote™ Kits IM
Seizing or postictal	Treat seizures as per protocol
Apneic or severe dyspnea	Support ventilation
Twitching or flaccid	Intubate to protect airway
Effects in two or more body systems	Repeat DuoDote™ Kit IM every 10 mins. as needed. Max of three doses.

NERVE AGENT cont.

DUODOTE ADMINISTRATION PROCEDURE

Instructions:

1. Remove the Nerve Agent Antidote Kit (DuoDote™) from its storage location
2. With your non-dominant hand, hold the auto injectors by the plastic clip so that the larger auto injector is on top and both are positioned in front of you at eye level.
3. With the other hand, check the injection site (thigh or buttocks) for buttons or objects in pockets, which may interfere with the injections.
4. Grasp the DuoDote™ (Green-tipped) auto-injector with the thumb and first two fingers
5. Pull the injector out of the clip with a smooth motion.
6. Hold the auto injector like a pen or pencil, between the thumb and first two fingers
7. Position the green tip of the auto injector against the injection site (thigh or buttocks)
8. Apply firm, even pressure (not a jabbing motion) to the injector until it pushes the needle into the thigh or buttock
9. Hold the injector firmly in place for least 10 seconds.
10. Carefully remove the auto injector.
11. Place the used auto injector into a sharps container.
12. Document the number of auto-injectors administered on an ambulance run report or (in a mass causality situation) on the triage tag.