

**MEHLVILLE FIRE PROTECTION DISTRICT  
EMERGENCY MEDICAL SERVICES  
GUIDELINE FOR PREHOSPITAL EMERGENCY CARE**

**SUBJECT: 900.11  
MEDICAL EMERGENCIES:  
NERVE AGENT  
ORGANOPHOSPHATE EXPOSURE**

**ORIGINAL ISSUE: 5/08  
LATEST REVISION: 5/08**

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**Pre-Hospital Actions:**

1. Recognize the toxidrome:
  - Miosis (small pupils) – present in ALL significant exposures, in association with at least two of the following:
    - Seizure
    - Fasciculations
    - Respiratory distress
    - Increased secretions
    - Vomiting/Diarrhea/Incontinence
    - Cardiovascular collapse
2. Wear appropriate personal protective equipment; do NOT enter hot zone.
3. Assure appropriate patient decontamination if liquid or vapor exposures (in concert with fire department HazMat team).
4. Assess ABCs and begin oxygen therapy if possible, intubate if needed (may have high airway resistance).
5. Treat seizures per protocol.
6. Atropine 2mg IV, repeated as necessary to reduce bronchial secretions.
7. MARK 1 Kit, if available, (600mg pralidoxime, 2mg atropine) auto-injectors IM x2 for patients with seizures, severe shortness of breath, and cardiovascular collapse.