

Subject: ALS Medications – Paramedic
Nerve Agent Antidote Administration

- I. Policy
 - A. Ensure personal safety.
 - B. Separate patient from causative agent.
 - C. Victim's clothing should be removed and isolated by personnel wearing proper personal protective equipment.
 - D. For severely affected patients, do rapid decontamination and provide treatment.
 - E. Victims should be decontaminated prior to transport whenever possible; patients with life threatening symptoms should receive rapid decontamination and transport.
 - F. ABCs/monitor cardiac rhythm.
 - G. Check pupil size.
 - H. Spinal immobilization if indicated.
 - I. IV access, rate titrated to perfusion as needed.
- II. Nerve Agent Dosages - Suspected Nerve Agent Exposure
 - A. Mild/Moderate Symptoms
 - 1. Mark I kits (Atropine 2 mg autoinjector and Pralidoxime 600 mg autoinjector).
 - 2. 1-2 Mark I kits, IM at 10-minute intervals. Maximum 3 Mark I kits.
 - 3. If Mark I kits not available:
 - 4. Atropine: 2-4 mg IM/IV at 10-minute intervals as needed.
 - B. Severe Symptoms
 - 1. Mark I kits (Atropine 2 mg autoinjector and Pralidoxime 600 mg autoinjector):
 - 2. Mark I kits, IM in rapid succession.
 - 3. If Mark I kits not available:
 - 4. Atropine: 6 mg IM/IV repeat as needed.
 - C. Elderly Patients (> 65 years of age) or those with underlying cardiovascular or renal disease:
 - 1. Atropine: 1.0 mg IM. Repeat doses may be given at base direction; IM or IV.
 - 2. Pralidoxime (2-PAM): 7.5 mg/kg IM, maximum of 600 mg (one autoinjector) per dose.

Subject: ALS Medications – Paramedic
Nerve Agent Antidote Administration

III. Pediatric Patients (< 12 years):

A. Atropine

1. 0-2 years: 0.5 mg IM
2. $\geq$ 2-12 years and at least 30 kg: 1 mg IM
3. 0.02 mg/kg IVP, minimum of 0.1 IVP

B. Pralidoxime (2-PAM) –

1. 20 mg/kg IP or IVP

IV. Pralidoxime (2-PAM) powder 1 Gm for reconstitution is available:

- A. Reconstitute as directed, use 20 ml sterile water without preservative to produce a concentration of 50 mg/mL.
- B. Adult dose 1 GM over 30 minutes IV or 600 mg-1 GM IM in divided injections if necessary.
- C. >65 yrs 7.5 mg/kg IM or IV. Max IV dose 1 Gm over 30 minutes. May repeat once in 1 hr.
- D. <12 yrs 20 mg/kg IM or IV. Max IV dose 1 Gm over 30 minutes. May repeat once in 1 hr.