

SUBJECT: TREATMENT PROTOCOL - NERVE AGENT EXPOSURE -
AUTOINJECTOR USE

Date: 7/1/2015

BLS

ALS

<p>Upon identification of a scene involving suspected or known exposure of nerve agent: Isolate Area Notify dispatch of possible Mass Casualty Incident with possible Nerve Agent involvement. DO NOT ENTER AREA</p> <p>If exposed: Blot off agent Strip off all clothing, avoiding contact with outer surfaces. Flush area (s) with copious amounts of water Cover affected area (s)</p> <p>If you begin to experience any signs/symptoms of nerve agent exposure, for example: Increased secretions (tears, saliva, runny nose, sweating) Diminished vision SOB Nausea, vomiting diarrhea Muscle twitching/weakness NOTIFY THE INCIDENT COMMANDER (or dispatch if no IC) immediately of your exposure and declare yourself a patient</p> <p>Self Treat Immediately per the following Acuity Guidelines:</p> <p>Mild: <i>Miosis, rhinorrhea, increasing dyspnea fasciculations, sweating</i> Atropine autoinjector 2-PAM CI autoinjector</p>	<p>Triage, decontaminate and treat patient based on severity of symptoms <u>SO</u></p> <p>Mild: <i>Miosis, rhinorrhea, increasing dyspnea, fasciculations, sweating</i> Atropine autoinjector (or 2 mg) IM 2-PAM CI autoinjector (or 600 mg) IM</p> <p>Moderate: <i>Miosis, rhinorrhea, dyspnea/wheezing, increased secretions, fasciculations, muscle weakness, GI effects</i> Atropine Autoinjector (or 2 mg) IM, MR x1 in 5-10" 2-PAM CI autoinjector (or 600 mg) IM, MR x1 in 5-10" *Diazepam autoinjector or Midazolam 5 mg IM if Diazepam autoinjector not available</p> <p>Severe: <i>Unconscious, seizures, flaccid, apnea</i> Initial dosing: Atropine autoinjector (or 2 mg) IM x3 doses in succession 2-PAM CI autoinjector (or 600 mg) IM x3 doses in succession *Diazepam autoinjector, or Midazolam 10mg IM if Diazepam autoinjector not available, for seizure activity O₂/Intubate. Ongoing treatment: Atropine autoinjector (or 2 mg) IM, MR q3-5" until secretions diminish 2-PAM CI autoinjector (or 600 mg) IM, MR x1 in 3-5" For continuous seizure activity MR Midazolam 10 mg IM x1 in 10"</p> <p>Pediatric doses:</p> <table><thead><tr><th><u>Weight</u></th><th><u>Atropine</u></th><th><u>2-PAM CI</u></th><th><u>Midazolam</u></th></tr></thead><tbody><tr><td><20kg</td><td>0.5mg</td><td>100mg</td><td>2.5mg</td></tr><tr><td>20-39kg</td><td>1mg</td><td>300mg</td><td>5.0mg</td></tr><tr><td>≥40kg</td><td>2mg</td><td>600mg</td><td>10mg</td></tr></tbody></table> <p><i>For doses less than the amount in the Autoinjector, use the medication vial and administer with a syringe.</i></p> <p>Consider: For frail, medically compromised, hypertensive or patients with renal failure administer half doses of Atropine and 2-PAM CI</p>	<u>Weight</u>	<u>Atropine</u>	<u>2-PAM CI</u>	<u>Midazolam</u>	<20kg	0.5mg	100mg	2.5mg	20-39kg	1mg	300mg	5.0mg	≥40kg	2mg	600mg	10mg
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Note: *Diazepam autoinjectors available from Chempack caches only.
Diazepam, Atropine and 2-Pam CI autoinjectors are approved for self-treatment, treatment of public safety personnel, and the treatment of patients ONLY by prehospital personnel who have completed the County of San Diego approved training specific to the use of autoinjectors.

Document revised 7/1/2015

Approved:



EMS Medical Director