NERVE AGENT EXPOSURE

ADULT	PEDIATRIC

INDICATION

This protocol is designed to give direction to EMS personnel when utilizing medications within the CHEMPACK Cache and treating patients exposed to organophosphate type chemicals, including GA (Tabum), GB (Sarin), GD (Soman), GF (Cyclosarin) and VX.

Level of exposure:

Mild: Rhinorrhea, Chest Tightness, Dyspnea, Bronchospasm

Moderate: SLUDGEM

Severe: SLUDGEM, Severe Dyspnea, Seizures, Agitation, Drowsiness, Coma, Staggering

BLS Procedures

Secure Airway.
Suction as needed.
Assist Ventilations, if needed.
Oxygen, Titrate to SPO2 of 94% or higher.
Consider SMR for suspected trauma.
Assess Vitals.
Blood Glucose Check.

ALS Standing Orders

Follow BLS procedures if applicable.
Obtain ETCO2.
Obtain ECG.
IV/IO Access.

Mild Symptoms

Atropine 2 mg Auto-Injector IM
- No repeat.

If Signs and Symptoms do not resolve 5 minutes after Atropine administrations

Pralidoxime (2-Pam) 600 mg Auto-Injector IM
- No repeat.

Palliative Care only for Mild Symptoms

Moderate Symptoms

Atropine 4 mg Auto-Injector IM x2
- Administer two doses (2 mg ea.)
- Total dose 4 mg, no repeat.

Pralidoxime (2-Pam) 600 mg Auto-Injector IM
- May repeat once in 5-10 minutes.

Palliative Care only for Moderate Symptoms

Severe Symptoms

Atropine 6 mg Auto-Injector IM x3
- Administer three doses (2 mg ea.)
- Total dose 6 mg, no repeat.

Pralidoxime (2-Pam) 1.8 gms Auto-Injector IM
- Administer three doses (600 mg ea.)
- Total dose 1.8 gms, no repeat.

Atropine 0.02 mg/kg IV/IO/IM
- Minimum dose 0.1mg
- Repeat as needed
- Do not exceed adult dose.

Pralidoxime (2-Pam) 20-40mg/kg IV/IO/IM
- Repeat as needed
- Maximum dose 1 gram.

Seizures

Valium 2.5-10 mg IV/IO slow push
- May repeat once for recurrent seizures
- Max dose 20 mg.

Valium 0.1-0.3 mg/kg IV/IO slow push
- May repeat at 0.05-0.1 mg/kg for recurrent seizures
- Max dose 10 mg.

Special Considerations

- This protocol is intended for use only when CHEMPACK release has been authorized.
- If CHEMPACK contains Midazolam instead of Valium, follow existing SCEMSA Seizure protocol for Midazolam dosing.

Base Hospital Orders Only