

# Chemical Injuries

HARRT 2004

## Nerve Agents

- S.L.U.D.G.E
  - Salivation
  - Lacrimation
  - Urination
  - Defecation
  - Gastro-intestinal distress
  - Emesis

## Nerve Agent Triage - "Minimal" & "Expectant"

### Minimal

- Walking and talking which indicates intact breathing and circulation

### Expectant

- Apneic for more than 5 minutes
- No pulse or blood pressure

## Nerve Agent Treatment

- Atropine
  - Infant (0 to 2) 0.5 mg IM
  - IV for infants and children 0.02 mg/kg
  - Child (2 to 10) 1.0 mg IM
  - Adolescent (> 10) 2.0 mg
  - Elderly 1.0 mg IM

## Nerve Agent Treatment

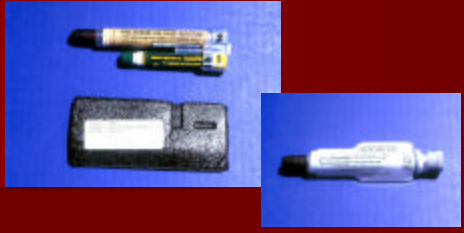
- 2-PAMCI
  - < 20 kg 15 mg/kg IV
  - > 20 kg 600-mg IM auto-injector
  - Elderly 1/2 adult dose (7.5 mg/kg IV)
- 2-PAMCI-induced hypertension
  - Phentolamine Adult 5 mg IV
  - Child 1 mg IV



## Nerve Agent Treatment

- Diazepam
  - - Infants > 30 days old 0.2 - 0.5 mg/kg IV to 5 years q 2 to 5 min (max 5 mg)
  - - Children > 5 years 1 mg IV q 2 to 5 min (max 10 mg)

### Use of Mark I & Mark IV kits



### Vapor Exposure - Mild

- Signs and Symptoms
  - Shortness of breath
  - Meiosis, tearing eyes, increased secretions
  - Nausea / Vomiting
  - Feeling of weakness