

# Children and Nerve Agents

TEEX WMD Per 301

Pediatric assessment

Multiple sets of vitals

Developmental characteristics

Pediatric Assessment Triangle

- general appearance
- work of breathing
- circulation to the skin

Fluctuations in body temp

Smaller fluid reservoir

Respiratory rate – higher

Lower to the ground

Different medication dosage

Hypotension – abnormal low blood pressure

Organ systems – immature

Depression and Anxiety

Decontamination

- thermoregulatory issues
- privacy concerns
- willingness to follow instructions
- comprehension of instructions

## Broselow Tape

Broselow-Luten guide to pediatric antidotes for chemical warfare

Pediatric atropine dose .05mg/kg IV or IM 10 min

Pralidoxime chloride enzymes 25-50mg/kg 60 min

Benzodiazepine decrease response to stimulus

Diazepam or Valium .05-.3mg/kg up to 5-10mg depending on age

Lorazepam or Ativan .1mg/kg maximum 4mg

Midazolam or Versed .05-.3mg/kg

## Presentation

CNS symptoms

Weakness

Hypotonia – decrease muscle tone

Seizure

Use BVM with appropriate mask