
Atropine

Protocols:

1. Bradycardia (Adult and Pediatric)
2. Poisoning
3. Nerve Agents/Organophosphate exposure



Indications:

1. Symptomatic bradycardia with a suspected vagal origin
2. Exposure to organophosphates or other nerve agents

Contraindications:

1. Known hypersensitivity (no absolute contraindications)

Dosing:

1. Symptomatic Bradycardia
 - a. Adult:
 - i. Administer 1 mg IV/IO every 3-5 minutes
 - ii. Max dose 3 mg
 -  b. Pediatric:
 - i. Given ONLY if primary AV block, or if bradycardia is unresponsive to oxygenation, ventilation and epinephrine.
 - ii. Administer 0.01-0.02 0.02 mg/kg IV/IO
 - iii. Minimum single dose 0.1 mg
 - iv. Maximum single dose 1 mg
 - v. Repeat prn in 5 minutes, maximum total dose 3 mg
2. Organophosphate/Nerve Agent Exposures
 - a. Adults
 - i. 2-6 mg IV/IM per Mark 1 Kit Dosing Directive (each kit contains 2 mg of atropine)
 - ii. If kit is not available administer 2-6 mg IV/IM as needed
 -  b. Pediatrics
 - i. Infant 0.05-0.1 mg/kg IM/IV/IO (0.2-1 mg), Pediatric Atropen or Vial
 - ii. Child 1-4 mg IM/IV/IO, Pediatric Atropen, Vial, or Mark 1

Expected Effects:

1. Increased heart rate
2. Dilated pupils