



Section 13: Appendix 1: Medications

ATROPINE SULFATE

Pregnancy Category - C

P **PARAMEDIC** **P**

ACTIONS	<ol style="list-style-type: none"> 1. Blocks acetylcholine (parasympathetic nervous system) 2. Increases conduction through the SA node by blocking vagal activity
INDICATIONS	<ol style="list-style-type: none"> 1. Symptomatic sinus bradycardia 2. Organophosphate poisoning 3. Nerve agent exposure
CONTRAINDICATIONS	<ol style="list-style-type: none"> 1. Known hypersensitivity 2. Second degree AV Blocks (Mobitz type II) 3. Third degree AV Blocks
PRECAUTIONS	<ol style="list-style-type: none"> 1. Avoid use in atrial flutter or atrial fibrillation with a rapid ventricular response 2. May increase myocardial oxygen demand – use caution if possible acute MI 3. May trigger tachydysrhythmias 4. Avoid in hypothermic bradycardia
SIDE EFFECTS	<ol style="list-style-type: none"> 1. Dry mouth 2. Blurred vision 3. Flushed skin 4. Headache 5. Tachycardia 6. Pupillary dilation
SUPPLIED	1 mg / 10 ml prefilled syringe
ADULT DOSAGE	<p>Bradycardia: 0.5 - 1 mg IVP / IO every 3 - 5 minutes (max dose 3 mg)</p> <p>Organophosphate Poisoning: 1 mg IVP repeated every 3 - 5 minutes until resolution of symptoms <i>No max dose. Extremely large doses will likely be required (1mg-6mg)</i></p>
PEDIATRIC DOSAGE	<p>Bradycardia: 0.02 mg / kg IVP / IO repeated in 5 minutes one time Minimum dose is 0.1 mg (max dose 0.5 mg CHILD / 1 mg ADOLESCENT)</p> <p>Organophosphate Poisoning: 0.2 mg / kg IVP repeat every 3 - 5 minutes until resolution of symptoms. No max dose. Extremely large doses will likely be required.</p> <p>See <u>PEDIATRIC DRUG ADMINISTRATION CHART</u> for weight based administration</p>
PROTOCOL USE	<ul style="list-style-type: none"> • Adult Bradycardia • Adult Toxic Ingestion / Exposure / Overdose • Nerve Agent Exposure • Pediatric Bradycardia • Pediatric Toxic Ingestion / Exposure / Overdose