

Atropine Sulfate

Class:	Anticholinergic/Parasympatholytic agent
Route:	<ul style="list-style-type: none">• IV or IO, rapid push• Deep IM for nerve agent exposure
Adult Dose:	Symptomatic Bradycardia: standing order <ul style="list-style-type: none">• 0.5 mg - 1.0 mg push – BioTel must approve additional doses Organophosphate poisoning: BIOTEL AUTHORIZATION ONLY <ul style="list-style-type: none">• 2 mg push every 5-15 minutes until excessive secretions are diminished Nerve agent exposure: BIOTEL AUTHORIZATION ONLY <ul style="list-style-type: none">• 2 mg – 20 mg IM, IV, IO
Pediatric Dose:	Symptomatic Bradycardia unresponsive to oxygenation and ventilation: standing order <ul style="list-style-type: none">• 0.02 mg/kg, (minimum single dose 0.1 mg) IV or IO. May repeat once to a maximum total cumulative dose of 1 mg Organophosphate poisoning: BIOTEL AUTHORIZATION ONLY <ul style="list-style-type: none">• 0.05 mg/kg push every 20 minutes until excessive secretions are diminished Premedication in pharmacologically-assisted Intubation: standing order <ul style="list-style-type: none">• 0.01 mg/Kg push two minutes prior to intubation
Drug Action:	<ul style="list-style-type: none">• Reverses suspected vagal tone in some types of bradycardia• Blocks acetylcholine in organophosphate poisonings (pesticide or nerve agent)
Onset:	Rapid
Duration:	2 - 6 hours
Indications:	<ul style="list-style-type: none">• Symptomatic bradycardia• Organophosphate pesticide poisoning• Chemical exposure due to nerve agent• Pharmacologically-Assisted Intubation
Precautions:	<ul style="list-style-type: none">• If given too slowly, can cause transient bradycardia• Administer into medication port closest to IV site• Notify BioTel before giving to patients with glaucoma
Side Effects:	<ul style="list-style-type: none">• Tachycardia• Dilated pupils (may make pupil assessment unreliable)• Anticholinergic effects: dry mouth, blurred vision, decreased sweating, confusion
Contraindications:	Hypothermic bradycardia