



Atropine Sulfate

CLASS:	Parasympathetic blocker
ACTIONS:	Blocks acetylcholine receptors Accelerates atrial pacemakers Increases electrical conduction through the heart Inhibits secretion
INDICATIONS:	Adult Cardiac Dysrhythmia Bradycardia
CONTRAINDICATIONS:	None when used in emergency situations.
PRECAUTIONS:	Dose of 3.0 mg should not be exceeded except in cases of organophosphate poisonings. May cause tachycardia Use with caution in acute MI due to increased myocardial oxygen demand May cause hypertension 2 nd Degree Mobitz Type II or 3 rd degree heart block with wide QRS complex Avoid in hypothermic bradycardia
SIDE EFFECTS:	Palpitations/Tachycardia Headache Blurred Vision Dry mouth
ADULT DOSAGE:	Bradycardia: <i>Atropine Sulfate 0.5 mg IV/IO every 5 minutes</i> until signs and symptoms resolve up to a maximum dose of 3 mg Organophosphate poisoning (CBRNE/Nerve Agent): If symptoms persist, administer <i>Atropine 2-4 mg IV/IO every 2-5 minutes</i> until secretions are dried and/or the patient's breathing improves
PEDIATRIC DOSAGE:	Bradycardia: Administer <i>Atropine Sulfate 0.02 mg/kg IV/IO to a maximum of 0.5 mg single dose</i> which may be repeated once in 5 minutes Minimum dose 0.1 mg Child (1-12 years of age) maximum total 1 mg Adolescent (greater than 12 years of age) maximum total 3 mg Organophosphate poisoning (CBRNE/Nerve Agent): <i>Weight based. See CBRNE Protocols.</i>