

ATROPINE

Protocols: AC 2-Bradycardia, PC 2-Pediatric Bradycardia, TE 9-WMD/Nerve Agent

- **Type of drug:** antidysrhythmic, anticholinergic, parasympatholytic
- **Mechanism of Action:** blocks acetylcholine at parasympathetic neuroeffector sites on AV and SA nodes; increases cardiac output, heart rate by blocking vagal stimulation
- **Indications:** Symptomatic bradycardia < 60 bpm, Organophosphate poisoning
- **Contraindications:**
- **Precautions:** Increases myocardial oxygen demand, CHF, HTN. May be harmful if used to treat AV block (Mobitz II and 3rd degree block); doses less than the minimum may slow the heart rate.
- **Route and Dosage:** Bradycardia: Adult IV 0.5 mg q 3-5 min., max 3 mg; Pediatric 0.02 mg/kg (min. dose 0.1 mg, max dose 0.5 mg) Organophosphate Poisoning 0.05 mg/kg IV or IO
- **Adverse reactions and side effects:** tachycardia, paradoxical slowing in 3rd degree block, drymouth, dilated pupils.