**Medication Formulary**

**Generic Name:** Atropine Sulfate

**Brand Name:** none

**Class:** Anticholinergic agent, antiarrhythmic

**Actions:** Inhibits acetylcholine at the receptor sites. Inhibits secretions, dilates pupils, and increases heart rate. Larger doses decreases GI motility & inhibits gastric secretions. Blocks vagal stimulation, and increases heart rate and AV conduction; with little inotropic effects. Muscarinic & nicotinic antagonist.

**Onset:** Rapid-Immediate

**Duration:** 2-6 hours

**Indications:** To treat significant bradycardia, asystole, PEA, organophosphate poisoning.

**Contraindications:** Tachycardia, hypersensitivity, obstructive disease of the GI/GU tract, acute narrow angle glaucoma, thyrotoxicosis.

**Side Effects:** Tachycardia, paradoxical bradycardia (pushed too slowly or too low of dose), palpitations, dysrhythmias, headache, vertigo, dry mouth, vision disturbance, nausea/vomiting, flushed/dry/hot skin, allergic reaction.

**Interactions:** May be enhanced by antihistamines, Procainamide, anti-psychotics, and anti-depressants. Potentiated be other anticholinergic.

**Administration Routes:** IV, ET, IO

**Notes:** Atropine may cause the pupils to be non-reactive and not reliable for checking neurologic status.