

ATROPINE

Trade Name	Atropine sulphate (Max Health)
Class	Anticholinergic, alkaloid
Mechanism of Action	Blocks parasympathetic system effects. Increases heart rate (peak tachycardia \pm 15mins) Relaxes bronchial smooth muscle and decreases airway resistance Decreases salivary secretion and GIT motility for up to 6 hours
Indications	Indication 1: Intubation - prevention of bradycardia. Indication 2: Severe sinus bradycardia: particularly with parasympathetic influences on the heart (digoxin, beta blockers, carotid sinus reflex)
Contraindications	Arrhythmias, extreme tachycardia, glaucoma, hypersensitivity.
Supplied As	Injection 600 microgram/mL ampoule
Dilution	Nil required
Dosage	20 microgram/kg/dose. (Range 10-30 microgram/kg/dose) Max total dose of 40 microgram/kg.
Interval	Single dose Repeat at 5-10min intervals if needed
Administration	IV bolus over 1 min ET only if no IV access.
Compatible With	Solution: 0.9% sodium chloride Note: There is no info on compatibility of atropine with dextrose or TPN Y site: Adrenaline, amikacin, aminophylline, amiodarone, benzylpenicillin, calcium chloride, calcium gluconate, cefazolin, cefotaxime, cefuroxime, dexamethasone, dexmedetomidine, digoxin, dobutamine, dopamine, ephedrine, epoetin alfa, erythromycin, famotidine, fentanyl, fluconazole, furosemide, gentamicin, heparin, hydrocortisone succinate, imipenem cilastatin, indomethacin, insulin, lidocaine, magnesium sulfate, meropenem, methylprednisolone, metoprolol, midazolam, milrinone, morphine sulphate, naloxone, noradrenaline, phenobarbital, phenylephrine, piperacillin, potassium chloride, propofol, ranitidine, sodium bicarbonate, tobramycin, vancomycin, vasopressin.
Incompatible With	Ampicillin, diazoxide, flucloxacillin, hydralazine, pantoprazole phenytoin, sulphamethoxazole/trimethoprim, thiopentone.

