



ATROPINE SULFATE (CARDIAC)



Escambia County, Florida - ALS/BLS Medical Protocol

ACTIONS

Atropine is a potent anticholinergic (parasympathetic blocker, parasympatholytic) that reduces vagal tone and thus increases automatically the SA node and increases A-V conduction.

INDICATIONS

1. Sinus Bradycardia accompanied by hemodynamic compromise, (e.g. hypotension; confusion; frequent PVC's; pale, cold, clammy skin).
In infants (<6 months) bradycardia of less than 80 beats/minute should be treated even if BP is normal.
2. Asystole.

CONTRAINDICATIONS

None in emergency situations.

WARNINGS

Too small of a dose (< 0.5 mg) or if pushed too slowly, may initially cause the heart rate to decrease. Antihistamines and antidepressants potentiate atropine.
A maximum dose of 0.04 mg/kg should not be exceeded.

ADVERSE REACTIONS AND SIDE EFFECTS

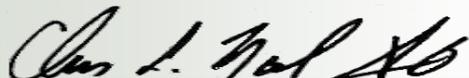
CNS: Restlessness, agitation, confusion, psychotic reaction, pupil dilation, blurred vision, and headache.



Approved: 10/01/2011
Version: 3.1

Page 1 of 2

Approved by:


Charles Neal, D.O. Medical Director



ATROPINE SULFATE (CARDIAC)



Escambia County, Florida - ALS/BLS Medical Protocol

Cardio: Increase heart rate, may worsen ischemia or increase area of infarction, ventricular fibrillation, ventricular tachycardia, angina, flushing of skin.

GI: Dry mouth, difficulty swallowing.

Other: Urinary retention. Worsened pre-existing glaucoma.

DOSAGE

Adult:

Bradycardias: 0.5-1 mg IV/IO, may repeat every 3-5 minutes until improved or total of 0.04 mg/kg or 3 mg is reached.

Pediatric:

0.02 mg/kg IV/IO (Minimum dose is 0.1 mg and maximum single dose is 0.5 mg child, 1 mg adolescent).



Approved: 10/01/2011
Version: 3.1

Page 2 of 2

Approved by:


Charles Neal, D.O. Medical Director