



5. EPINEPHRINE (1:1,000)

a) Indications

- (1) Moderate to severe allergic reaction with respiratory distress or mild allergic reaction with history of life-threatening allergic reaction
- (2) Patients with severe asthma

b) Adverse Effects

- (1) Tachycardia/palpitations
- (2) Angina
- (3) Headache
- (4) Nausea/vomiting
- (5) Dizziness
- (6) Hypertension
- (7) Nervousness/Anxiety
- (8) Tremors

c) Precautions



Medical consultation must be obtained before administering the EMS service's manual epinephrine or EMS service's auto-injector to cardiac (pediatric and adult), pregnant, and adult patients. However, medical consultation is not required for severe allergic reactions with respiratory distress.

d) Contraindications

None in the presence of anaphylaxis


e) Preparations

- Epinephrine
(Patient prescribed or EMS supplied)
- (1) Vial: 1 mg in 1 mL (1:1,000)
 - (2) Preloaded Syringe
 - (a) Adult: 0.5 mg in 0.5 mL
 - (b) Pediatric: 0.15 mg in 0.15 mL



CONSIDER MEDICAL CONSULTATION FOR PATIENTS WITH CARDIAC HISTORY.

f) Dosage

- (1) **Patients 5 years of age or greater:**
Adult: 0.5 mg in 0.5 mL IM
- (2) **Patients less than 5 years of age:**
Pediatric: 0.15 mg in 0.15 mL IM
- (3)  Additional doses may be administered with medical consultation.