

EPINEPHRINE (ADRENALIN)-ADULT

THERAPEUTIC EFFECTS	A potent alpha and beta stimulant which is diluted 1 mg in 1 ml (1:1 000) or 1 mg in 10 ml (1:10 000) of saline. It increases vasoconstriction through its alpha properties and electrical activity of the heart through its beta properties.			
INDICATIONS	<ol style="list-style-type: none"> 1. Ventricular Fibrillation/Pulseless Ventricular Tachycardia 2. Asystole/PEA 3. Asthma 4. Anaphylaxis <ul style="list-style-type: none"> ✓ Moderate (a) ✓ Severe (b) 5. Bradycardia or non-traumatic hypotension 			
CONTRAINDICATIONS	None in the patient who needs aggressive resuscitation.			
PRECAUTIONS/SIDE EFFECTS	Should be protected from light and should not be infused with alkaline solutions such as sodium bicarbonate since they will deactivate epinephrine. The drug's actions are of short duration.			
ADULT DOSAGE/ROUTE	<p>Indications 1,2</p> <p>1 mg 1 mg/10ml IV/IO q 3–5 minutes, as needed.</p>	<p>Indications 3,4a</p> <p>0.01 mg/kg 1 mg/ml up to 1 mg/ml IM.</p>	<p>Indication 4b</p> <p>0.01 mg/kg 1 mg/10ml IV/IO, slowly, up to 0.3 mg q 5 min. as needed.</p> <p>0.01 mg/kg 1 mg/ml IM up to 0.3 mg q 5 minutes as needed.</p>	<p>Indication 5</p> <p>A continuous infusion of 2–10 mcg/min. 0.1–0.5 mcg/kg/min</p>