

EPINEPHRINE (ADRENALIN)-PEDIATRIC

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. Bradycardia or non-traumatic hypotension 2. Ventricular Fibrillation/Pulseless Ventricular Tachycardia 3. Asystole/PEA 4. Anaphylaxis <ul style="list-style-type: none"> ✓ Moderate (a) ✓ Severe (b) 			
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.			
PEDIATRIC DOSAGE/ROUTE	Indication 1 A continuous infusion of 0.1 to 1 mcg/kg/min	Indications 2,3 0.01 mg/kg 1:10 000 IV/IO. Max dose 1 mg q 3-5 min	Indication 4a 0.01 mg/kg 1:1 000 IM. Up to 0.3 mg q 5 minutes, as required.	Indication 4b 0.01 mg/kg 1:10 000 IV/IO. Up to 0.3 mg q 5 minutes, as required.