



Epinephrine 1:10,000

CLASS:	Sympathomimetic or Catecholamine
ACTIONS:	Positive inotrope (force of contraction) Positive chronotrope (heart rate) Causes bronchodilation
INDICATIONS:	Adult Acute Allergic Reaction Adult Cardiac Arrest Shockable Adult Cardiac Arrest Non-Shockable Adult Respiratory Distress Pediatric Acute Allergic Reaction Pediatric Cardiac Arrest Shockable Pediatric Cardiac Arrest Non-Shockable Pediatric Cardiac Dysrhythmia Bradycardia Pediatric Respiratory Distress Obstetrical Emergencies Post Delivery and Neonatal Resuscitation
CONTRAINDICATIONS:	None when used in the emergency setting
PRECAUTIONS:	Should be protected from light Blood pressure, pulse and ECG must be constantly monitored Use caution with the elderly and those with pre-existing cardiovascular disease
SIDE EFFECTS:	Tachydysrhythmias Anxiety
NOTE:	If there is no <i>Epinephrine 1:10,000 preloaded syringe</i> , combine in a <i>10 mL syringe: 1 mg (1 mL) of Epinephrine 1:1,000 with 9 mL 0.9% Normal Saline</i> ; this creates the same as an <i>Epinephrine 1:10,000 preloaded syringe</i> .
ADULT DOSAGE:	Acute Allergic Reaction: When a patient is hemodynamically unstable, in profound shock, or in case of impending cardiopulmonary arrest, move immediately to: <i>Epinephrine 1:10,000 0.1mg IV/IO (1mL), maximum dose of 0.3mg</i> Cardiac Arrest Shockable: Administer <i>1:10,000 Epinephrine 1 mg IV/IO</i> , repeat every 3 minutes Cardiac Arrest Non-Shockable: Administer <i>1:10,000 Epinephrine 1 mg IV/IO</i> , repeat every 3 minutes Respiratory Distress/Status Asthmaticus: Consider <i>Epinephrine 1:10,000 0.1mg IV/IO (1mL)</i> only if the prior dose of <i>Epinephrine</i> is not administered Obstetrical Emergencies/Birth of Neonate: If heart rate is less than 60 beats per minute, consider <i>Epinephrine 1:10,000 0.01 mg/kg IV/IO (0.1 mL/kg)</i>



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Post Delivery and Neonatal Resuscitation:

If no improvement with above measures and heart rate is less than 60 beats per minute, consider *Epinephrine 1:10,000 0.01 mg/kg IV/IO (0.1 mL/kg)*

PEDIATRIC DOSAGE:

Acute Allergic Reaction/Anaphylaxis:

When a patient is hemodynamically unstable, in profound shock, or in case of impending cardiopulmonary arrest, move immediately to:
Epinephrine 1:10,000 0.01 mg/kg IV/IO (0.1 mL/kg), maximum dose of 0.3mg

Cardiac Arrest Shockable:

Administer *Epinephrine 1:10,000 0.01 mg/kg IV/IO (0.1mL/kg)*

Cardiac Arrest Non-Shockable:

Administer *Epinephrine 1:10,000 0.01 mg/kg IV/IO (0.1mL/kg)*

Cardiac Dysrhythmia Bradycardia:

Impending cardiac arrest – administer *Epinephrine 1:10,000 0.01 mg/kg IV/IO (0.1 mL/kg)*

Post Delivery and Neonatal Resuscitation:

If no improvement with above measures and heart rate is less than 60 beats per minute, consider *Epinephrine 1:10,000 0.01 mg/kg IV/IO (0.1 mL/kg)*