
ILLINOIS REGION 3 PROTOCOLS

EPINEPHRINE 1:10,000	
CLASS	Catecholamine; cardiac stimulant
ACTION	<ul style="list-style-type: none"> ▪ Beta 1 and beta 2 adrenergic effects ▪ Positive chronotrope (increases heart rate) ▪ Positive inotrope (increases force of cardiac contraction)
INDICATIONS	<ul style="list-style-type: none"> ▪ Cardiac arrest with ventricular fibrillation, pulseless ventricular tachycardia, asystole, pulseless electrical activity (PEA) ▪ Anaphylaxis
CONTRAINDICATIONS	None when used in an emergency situation such as cardiac arrest
PRECAUTIONS	<ul style="list-style-type: none"> ▪ Protect from light ▪ Can be deactivated by alkaline solutions – flush the IV line before and after administration
SIDE EFFECTS	Tachydysrhythmias
ROUTE	IV Endotracheal (ET)
DOSE	<ul style="list-style-type: none"> ▪ Cardiac arrest: 1 mg every 3-5 minutes; ET dose is 2 – 2.5 mg ▪ Anaphylaxis: 0.3-0.5 mg slow IVP
PEDIATRIC DOSE	<ul style="list-style-type: none"> ▪ 0.01 mg/kg IV ▪ Utilize Broselow tape or pediatric weight based dosing chart to confirm dose ▪ Reference policy PED-2.2
ONSET	IV = immediate
DURATION	3 to 5 minutes
STOCK	(6) 1 mg /10 mL Abbojects