

Drug: EPINEPHRINE (Adrenalin)

Supplied as: 1:1,000 (1 mg/ml), 1 ml amp, 30 ml vial (*available in par stock*)
1:10, 000, (1 mg/10 ml) 10 ml syringe

Indication: Cardiac arrest: use 1:10,000 solution

Suggested Regimen: Administer 1 mg (10 ml of 1:10,000) IV push over 5 to 15 seconds q 3 to 5 minutes, follow each dose with 20 ml NS flush. If IV route is unavailable, give 2 to 2.5 times the IV dose of 1:1,000 solution diluted in 10 ml NS via the tracheal tube.

Indication: Septic or cardiogenic shock: use 1:1,000 solution for continuous infusion

Suggested Regimen: 1 mcg/min continuous IV infusion

Maintenance dose
2 to 10 mcg/min by IV infusion

Titration dose
1 mcg/min q 10 min

Monitor: BP, HR, ECG (arrhythmia), urine output

Comments: Protect from light. Infuse continuous infusion preferably through central line. Discard if discolored. Incompatible with alkaline solutions.

Compatibility: D₅W, NS and LR.

Mixing info:

4 mg (= 4 ml of 1:1,000) in 250 ml		
Concentration = 16 mcg/ml		
Dose mcg/min	Rate ml/hr	
1	3.8	
2	7.5	
3	11.3	
4	15	
5	18.8	
6	22.5	
7	26.3	
8	30	
9	33.8	
10	37.5	

These guidelines serve to give dosage ranges and rates of administration. All clinicians are expected to be thoroughly familiar with the drugs mentioned herein.