

# Epinephrine

Indication: Symptomatic bradycardia

Standard concentration: 4mcg/ml

Stable for 24 hours

Dosing:

Initiate at 1mcg/minute and titrate to effect.

Normal dosage range: 2-10mcg/minute

Dosing Chart:

	1mcg/min	2mcg/min	3mcg/min	4mcg/min	5mcg/min	6mcg/min	7mcg/min	8mcg/min	9mcg/min	10mcg/min
Rate (ml/hr)	15	30	45	60	75	90	105	120	135	150

**Adverse effects:** Tachycardia, dizziness, weakness, tremor, palpitations, headache.

**Drug interactions:** Concomitant use with cocaine, procarbazine (antineoplastic agent) and MAOI's increase the risk of hypertensive crisis.

**Contraindications:** Coronary insufficiency, and closed-angle glaucoma

**Nursing considerations:**

1. Monitor HR, BP
2. Monitor IV site: phlebitis (if extravasation occurs, treat with phentolamine)
3. Phentolamine administration: Dilute 10mg with 10ml 0.9% NaCl and inject into the affected area.