

MEDICATION REFERENCE LIST

PHENYLEPHRINE HCL (NEOSYNEPHRINE)

1. Classification: vasopressor
2. Physiologic Effect: stimulates receptors (alpha1) on blood vessels and causes vasoconstriction; similar to epinephrine and ephedrine. The vasoconstriction increases blood pressure and heart rate without affecting heart rhythm.
3. Major Indications:
 - 3.1. maintenance of blood pressure during anesthesia
 - 3.2. treatment of vascular failure in shock or shock-like states
 - 3.3. drug-induced hypotension
 - 3.4. to overcome paroxysmal supraventricular tachycardia during anesthesia
4. Primary Contraindications:
 - 4.1. Hypersensitivity to it or any of its components
5. Side Effects:
 - 5.1. headache
 - 5.2. reflex bradycardia
 - 5.3. excitability, anxiety, restlessness
 - 5.4. high blood pressure
 - 5.5. PVCs
6. Additional information:
 - 6.1. Usual adult dose for mild to moderate hypotension
 - 6.1.1. Initial: 2-5 mg IM or SC; not to exceed 5 mg
 - 6.1.2. Maintenance: 1-10 mg
 - 6.2. Usual adult dose for severe hypotension/shock
 - 6.2.1. Initial: 100-180 mcg increments IV bolus, THEN
 - 6.2.2. Maintenance: 40-60 mcg/min continuous IV infusion