Medication Formulary

Generic Name: Norepinephrine

Brand Name: Levophed

Class: Peripheral vasoconstrictor, vasopressor.

Actions: Stimulates primary αα-adrenergic receptors to result in potent arterial and venous vasoconstriction. Norepinephrine also stimulates ββ_1-adrenergic receptors to increase cardiac contractility and cardiac output.

Onset: 1-2 minutes

Duration: 1-2 minutes after discontinuing the infusion.

Indications: Hemodynamically significant hypotension.

Contraindications: Hypovolemia, hypersensitivity, myocardial ischemia/infarction, pregnancy.

Side Effects: Headache, vertigo, bradycardia, hypertension, arrhythmias, chest pain, renal failure, hypoglycemia, dyspnea, tissue necrosis.

Interactions: ββ blockers, atropine.

Administration Routes: IV, IO

Notes: Administer through the largest vein possible, extravasation may cause severe necrosis. Continuous ECG monitor and vitals every 2-3 minutes.