

FORMULARY

Phenylephrine

Class of Drug	Pressor
Mechanism of Action	A sympathomimetic which stimulates smooth muscle alpha adrenergic receptors, thus producing vasoconstriction for support of blood pressure.
Indications	<p>Adult Patients: Rapid Sequence Intubation: if patient BP is <90 systolic Hypotensive Shock</p> <p>NOT FOR PEDIATRIC PATIENTS</p>
Contraindications	Hypersensitivity, hypertension, ventricular tachycardia,
Adverse Effects	Arrhythmia, AV block, bradycardia, heart failure exacerbation, pulmonary edema, extravasation necrosis,
Precautions	Elderly patients, Volume depleted patients, angina, coronary artery disease, heart block, heart failure.
Dosing/Administration	<p>Adult Patients Only:</p> <p>Rapid Sequence Intubation: Push Dose Pressor Mixing Instructions: <ul style="list-style-type: none"> • Draw 1 ml (10 mg) of phenylephrine from the vial (vial contains phenylephrine 10 mg/mL) • Inject this into a 100 mL bag of NS • Now you have 10 mg/100 mL of phenylephrine. This is 100 mcg/mL • Draw several mL into a syringe; each mL in the syringe is 100 mcg/mL Dose: 0.5-2 mL (50-200 mcg) every 2-5 minutes until SBP ≥ 90 mmHg</p> <p>Shock: Mixing Instructions: <ul style="list-style-type: none"> • Draw 1 ml (10 mg) of phenylephrine from the vial (vial contains phenylephrine 10 mg/mL) • Inject this into a 100 mL bag of NS Dose: 100-180 mcg/min OR 0.5-6 mcg/kg/min – TITRATE to BP goal</p> <p>NOT FOR PEDIATRIC PATIENTS</p>
Pregnancy Category	Category C: Potential risk to fetus based on animal studies, but no human studies exist.