**Class and Action:** Adrenergic agonist; Strong beta 1 and weak beta2/alpha effects. Resulting in increased cardiac output, blood pressure, and heart rate. It will also cause decreased peripheral vascular resistance.

**Indications:** Use as a second line vasopressor in pts in shock

**Contraindications:** Sensitivity, do not run in alkaline substances

**Side Effects:** Tachyarrhythmias, HTN, angina, PVCs, dyspnea, fever, headache, nausea, and palpation

**Drug Interactions:** Significant drug interactions, run through separate line.

**Onset, Duration, and Routes:** Onset 1-10 minutes. Time to peak effect is 15 minutes. Half-life 2 minutes. IV or IO.

**Adult Dose:**
- 5-20 mcg/kg/min
- Patient Specific Orders

**Pediatric Dose:**
- Contact medical control
- Patient Specific

**WDM EMS Protocols:**
C12. Shock

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**Special Considerations:**

Date of Most Recent Update: 6/2020