**Medication Formulary**

**Generic Name:** Nitroglycerin

**Brand Name:** Tridil, Nitrong, Nitrostat, Nitrolingual

**Class:** Vasodilator

**Actions:** Nitrates & nitrites dilate arterioles and veins in the periphery (and coronary arteries in high doses). Reduces preload, afterload, and overall workload, and reduces myocardial oxygen demand.

**Onset:** 1-3 minutes

**Duration:** 30-60 minutes

**Indications:** Ischemic chest pain, pulmonary hypertension, CHF/pulmonary edema, hypertensive crisis.

**Contraindications:** Hypersensitivity, head injury, hypotension, cerebral hemorrhage, use of Erectile Dysfunction medications or other long acting nitrates in the last 24 hours.

**Side Effects:** Headache, tachycardia, hypotension, nausea/vomiting, syncope, diaphoresis.

**Interactions:** Increased hypotension with other vasodilators. Erectile Dysfunction medication.

**Administration Routes:** SL, IV, Topical

**Notes:** Nitroglycerin decomposes when exposed to light, air, or heat, keep bottle protected. PVC IV tubing will absorb the nitroglycerin; flush the tubing well (around 60 mL) before administering the infusion. Only infuse with a pump. Do not allow the patients systolic BP drop below 90 mmHg.