Initial Date: 07/19/2023
Revised Date:

Nitroglycerin

Pharmacological Category: Antianginal Agent; Vasodilator

Routes: SL

Indications:
1. Cardiac pain
2. Pulmonary edema

Contraindications:
1. Use of erectile dysfunction medications in previous 48 hours.
2. Use of medication to treat pulmonary hypertension in previous 48 hours
3. BP < 120 mm Hg without IV access
4. BP < 100 mm Hg with IV access

Expected effects:
1. Decreased blood pressure
2. Relief of chest pain

Side effects:
1. Headache
2. Flushing
3. Hypotension

Dosing: PULMONARY EDEMA/CARDIOGENIC SHOCK
Indication: Pulmonary edema
Adults administer:
1. Nitroglycerin 0.4 mg SL (without IV access) maximum of 3 doses.
2. Nitroglycerin 0.4 mg SL (with IV access) every 3-5 minutes

Dosing: CHEST PAINE/ACUTE CORONARY SYNDROME
Indication: Cardiac chest pain
Adults administer:
1. Nitroglycerin 0.4 mg SL (without IV access) maximum of 3 doses.
2. Nitroglycerin 0.4 mg SL (with IV access) every 3-5 minutes

Used in the Following Protocols:
Pulmonary Edema/Cardiogenic Shock (Section 5 Adult Cardiac)
Chest Pain/Acute Coronary Syndrome (Section 5 Adult Cardiac)