

NITROGLYCERIN (SPRAY/TABLET)

Indications:

- Chest Pain
- CHF/Pulmonary Edema

Contraindications:

- Hypotension (B/P less than 100 mmHg systolic)
- Hypovolemia
- Severe bradycardia
- Use of erectile dysfunction drugs within past 24hrs up to 48 hours depending on use of extended-release medications.

Precautions:

- Headache
- Tachycardia

Side effects:

- Hypotension
- Syncope

Class: Nitrate

Mechanism of Action: Potent vasodilator with antianginal, anti-ischemic, and antihypertensive effects. Relaxes vascular smooth muscle by an unknown mechanism. Decreases peripheral vascular resistance, preload, and afterload. Onset 1-3m SL, 30m transdermal. Peak 5-10m SL. Duration is 20-30m SL, 3-6h transdermal.

Concentration: 400.0 mcg/1 spray or 400.0 mcg/1 tablet (0.4mg)

Dosage:

Adult:

- **Chest Pain/Acute Coronary Syndrome**
0.4mg SL tabs or metered dose spray
Every 5 minutes
Repeat total of 3 doses
- **Congestive Heart Failure/Pulmonary Edema**
Administer every 5 minutes
Maintain B/P 100 mmHg systolic

Pediatric: Contact Medical Control