



Yolo County Emergency Medical Services Agency

Quick Reference

Revised Date: December 14, 2018

Medication Profile

Nitropaste 2%
(Nitro-Bid Ointment)

Class:

Vasodilator

Action:

Nitropaste contains a 2% solution of nitroglycerin in an absorbent paste. Relaxation of vascular smooth muscle and consequent dilation of peripheral arteries and veins. The dilation promotes peripheral pooling thereby decreasing venous return to the heart, reducing left ventricular end-diastolic pressure and pulmonary capillary wedge pressure (preload). Arteriolar relaxation reduces arterial pressure (afterload). Dilation of coronary arteries also occurs.

Onset: 15-60 minutes

Peak: 15-60 minutes

Duration: 2-12 hours

Indications:

CHF/Pulmonary edema

Contraindications:

Hypersensitivity/allergy
Increased intracranial pressure
Hypotension
Patients that have taken erectile dysfunction medications within the past 24-hours. May encounter patients taking similar medications for pulmonary hypertension. (Viagra, Cialis, Levitra, stendra, staxyn, sildenafil, avanafil, tadalafil, vardenafil).

Side Effects:

CV: Postural hypotension, tachycardia, CV collapse
CNS: Headache, dizziness, flushing, vertigo, weakness
GI: Nausea, vomiting, abdominal pain
INTEG: Pallor, sweating, rash, flushing

Notes:

This document is not a substitute for Protocols and Procedures.