

CLASS: A

PROTOCOL(S) USED IN: Chest Pain ACS, Respiratory Distress, Continuous Positive Airway Pressure

PHARMACOLOGY AND ACTIONS:

- A. Vasodilator
- B. Decreases peripheral resistance
- C. Generalized smooth muscle relaxation
- D. Reduces venous tone

INDICATIONS:

- A. Chest, arm, neck pain thought to be related to coronary ischemia.
- B. Angina
- C. Control of hypertension in angina or acute MI
- D. Pulmonary edema

CONTRAINDICATIONS:

- A. Systolic B/P < 90 mmHg
- B. Aortic Stenosis
- C. Severe bradycardia or tachycardia
- D. Patients who have taken Viagra® (sildenafil citrate) or Levitra® (vardenafil HCl) within 24 hours, or who have taken Cilais® (tadalafil) within 48 hours. *Contact OLMC for direction.*

SIDE EFFECTS AND NOTES:

- A. Common side effects are headache, flushing, dizziness or burning under the tongue.
- B. Hypotension; IV line should be established prior to administration.
- C. Reflex tachycardia.
- D. Syncope.
- E. May be effective in relieving chest pain due to esophageal spasm
- F. Therapeutic effect is enhanced but adverse effects are increased when patient is upright.
- G. NTG loses potency easily; should be stored in a dark glass container with tight lid and not exposed to heat.

ADULT DOSING:

Chest pain, Pulmonary Edema
0.4 mg SL q 3 - 5 min up to 3 doses

PEDIATRIC DOSING:

Not indicated for pediatric patients