

## DRUG STUDY

MEDICATION	DRUG CLASSIFICATION	INDICATION / CONTRAINDICATION	MECHANISM OF ACTION	DOSING & ADMINISTRATION	ADVERSE EFFECTS	NURSING RESPONSIBILITIES
nitroglycerin (Nitrostat Sublingual)	Nitrates	<p><u>Indications:</u></p> <ul style="list-style-type: none"> <li>- treatment of angina pectoris</li> </ul> <p><u>Contraindications</u></p> <ul style="list-style-type: none"> <li>- hypersensitivity to nitroglycerin and other components</li> <li>- closed-angle glaucoma</li> <li>-severe anemia</li> <li>- increased intracranial pressure</li> <li>- head trauma</li> <li>- uncorrected hypovolemia</li> </ul>	Reduces cardiac oxygen demand by decreasing left ventricular pressure and systemic vascular resistance; dilates coronary arteries and improves collateral flow to ischemic regions/	<u>tablet:</u> 0.2-0.6 mg SL q 5 mins for maximum of 3 doses in 15 mins	<p><u>Cardiovascular:</u> Face and neck flushing, orthostatic hypotension, tachycardia</p> <p><u>CNS:</u> headache, restlessness</p> <p><u>GI:</u> nausea, vomiting</p>	<p>Monitor blood pressure and heart rate on a regular basis.</p> <p>Instruct patient to take medication while sitting down and to change positions slowly.</p> <p>Instruct patient to allow tablets to dissolve under tongue, and not to chew or swallow sublingual tablets.</p> <p>Instruct patient to seek emergency help promptly if chest pain is unresolved after 15 minutes.</p> <p>Instruct patient not to change brands without consulting prescriber.</p> <p>Instruct patient to keep tablets in original, air-tight container.</p> <p>Advise patient to use caution when engaging in activities requiring mental alertness.</p> <p>Advise patient to report acute headache, rapid heartbeat, unusual restlessness or dizziness, or blurring of vision</p>

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