

<b>Dobutamine(Dobutrex)</b>	
Classification:	Indication:
Inotropic Agents	for patients who require positive inotropic support in the treatment of cardiac decompensation due to depressed contractility resulting either from organic heart disease or from cardiac surgical procedures,
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> <li>● nausea,</li> <li>● headaches,</li> <li>● chest pain,</li> <li>● palpitations,</li> <li>● shortness of breath</li> </ul>	<ul style="list-style-type: none"> <li>● Observe IV site closely and avoid extravasation.</li> <li>● Monitor for adverse reactions</li> <li>● Continuous blood pressure monitoring</li> <li>● Continuous cardiorespiratory monitoring</li> <li>● Document vital signs hourly and PRN</li> <li>● Monitor fluid balance</li> </ul>

<b>Iodine(Betadine)</b>	
Classification:	Indication:
halogen	commonly used as an antiseptic for minor cuts and abrasions, preventing infections that may result from contaminated wounds. Additionally, iodine has been studied in the treatment of fibrocystic disease and breast cancer.
Side effects/ adverse reactions:	Nursing Considerations:

<ul style="list-style-type: none"> <li>● thyroid gland inflammation</li> <li>● thyroid cancer.</li> <li>● burning of the mouth, throat, and stomach;</li> <li>● fever;</li> <li>● stomach pain;</li> <li>● nausea;</li> <li>● vomiting;</li> <li>● diarrhea;</li> <li>● weak pulse;</li> <li>● coma.</li> </ul>	<p>Do not apply over large areas of the body; toxicity may occur if applied in large areas or prolonged periods.</p> <ul style="list-style-type: none"> <li>● Not for use in the eyes.</li> <li>● Use caution in patients with burns.</li> <li>● Ask a doctor in cases of deep or puncture wounds, serious burns, or animal bites.</li> <li>● Use caution in renal impairment or thyroid disorders.</li> </ul>
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<b>Vasopressin(Vasostrict, and ADH.)</b>	
Classification:	Indication:
nonapeptide antidiuretic hormone	increase blood pressure in adults with vasodilatory shock who remain hypotensive despite fluids and catecholamines.
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> <li>● Abdominal or stomach pain, usually after eating a meal</li> <li>● agitation</li> <li>● back pain</li> <li>● chest pain or discomfort</li> <li>● chest tightness or heaviness</li> <li>● coma</li> <li>● confusion</li> <li>● constipation</li> </ul>	<ul style="list-style-type: none"> <li>● Vasopressors should be prescribed cautiously to pregnant clients and lactating mothers.</li> <li>● The drugs can harm the fetus or newborn.</li> <li>● Monitor blood pressure hourly during intravenous infusion</li> <li>● monitor urine output,</li> <li>● Also use caution with HF and CV disease.</li> </ul>

## Nilstat(nystatin)

<b>Nilstat(nystatin)</b>	
Classification:	Indication:
polyenes	treatment and/or prevention of oral candidiasis (a.k.a. thrush), intestinal candidiasis, and anal candidiasis. It is indicated topically for the treatment of vulvovaginal candidiasis and other cutaneous candida infections.
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"><li>● mouth irritation;</li><li>● upset stomach,</li><li>● Nausea,</li><li>● vomiting,</li><li>● diarrhea;</li><li>● skin rash</li></ul>	<ul style="list-style-type: none"><li>■ Culture fungus before therapy.<ul style="list-style-type: none"><li>■ Have patient retain oral suspension in mouth as long as possible before swallowing. Paint suspension on each side of the mouth. Continue local treatment for at least 48 hr after clinical improvement is noted.</li><li>■ Prepare nystatin in the form of frozen flavored popsicles to improve oral retention of the drug for local application.</li><li>■ Administer nystatin troche orally for the treatment of oral candidiasis; have patient dissolve 1–2 tablets in mouth.</li></ul></li></ul>

<b>Lactulose (Lactugal)</b>	
Classification:	Indication:
osmotic laxative	use as a laxative in the treatment of chronic constipation in adults and geriatric patients
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> <li>● Confusion               <ul style="list-style-type: none"> <li>● decreased urine</li> <li>● dizziness</li> <li>● dry mouth</li> <li>● fainting</li> <li>● fast or irregular heartbeat</li> <li>● increased thirst</li> <li>● irritability</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>● Caution patients that this medication may cause belching, flatulence, or abdominal cramping.</li> <li>● Health care professional should be notified if this becomes bothersome or if diarrhea occurs.</li> <li>● Advise patient to notify health care professional if pregnancy is planned or suspected or if breast feeding.</li> </ul>

<b>Alteplase(Actilyse, Activase)</b>	
Classification:	Indication:
fibrinolytic agent	pulmonary embolism, myocardial infarction with ST-segment elevation (STEMI), ischemic stroke when given within 3 hours of the start of symptoms, and re-establishment of patency in occluded intravenous (IV) catheters.

Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> <li>• Bleeding from puncture sites and wounds</li> <li>• bleeding gums</li> <li>• coughing up blood</li> <li>• difficulty with breathing or swallowing</li> <li>• dizziness</li> <li>• headache</li> <li>• increased menstrual flow or vaginal bleeding</li> <li>• nosebleeds</li> </ul>	<p>The patient receiving alteplase should be closely monitored for signs of bleeding or hemorrhage. The activation of plasmin may disrupt coagulation and prevent future clot formation required for vasculature injury.</p>

<b>Streptokinase(Streptase)</b>	
Classification:	Indication:
thrombolytic class	acute ST-segment myocardial infarction, deep vein thrombosis, pulmonary embolism, arterial thrombosis or embolism, and arteriovenous cannula occlusion
Side effects/ adverse reactions:	Nursing Considerations:
<p>Blurred vision</p> <ul style="list-style-type: none"> <li>• confusion</li> <li>• dizziness, faintness, or lightheadedness when getting up from a lying or sitting position suddenly</li> <li>• fever</li> <li>• sweating</li> </ul>	<p>Watch for signs of allergic reactions and anaphylaxis, including pulmonary symptoms (tightness in the throat and chest, wheezing, cough, dyspnea) or skin reactions (rash, pruritus, urticaria). Notify physician or nursing staff immediately if these reactions occur.</p>

<ul style="list-style-type: none"> <li>● unusual tiredness or weakness</li> </ul>	
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<b>folic acid(Folvite)</b>	
Classification:	Indication:
Vitamins	in the treatment of megaloblastic anemias of pregnancy. Folic acid requirements are markedly increased during pregnancy, and deficiency will result in fetal damage
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> <li>● stomach upset,</li> <li>● nausea,</li> <li>● diarrhea,</li> <li>● Irritability,</li> <li>● confusion,</li> <li>● behavior changes,</li> <li>● skin reactions,</li> <li>● seizures</li> </ul>	<ul style="list-style-type: none"> <li>■ Administer orally if at all possible. With severe GI malabsorption or very severe disease, give IM, IV, or subcutaneously. <ul style="list-style-type: none"> <li>■ Test using Schilling test and serum vitamin B12 levels to rule out pernicious anemia. Therapy may mask signs of pernicious anemia while the neurologic deterioration continues.</li> <li>■ Use caution when giving the parenteral preparations to premature infants. These preparations contain benzyl alcohol and may produce a fatal gasping syndrome in premature infants.</li> </ul> </li> </ul>

<b>Dexamethasone(Decadron)</b>	
Classification:	Indication:
corticosteroids	It relieves inflammation and is used to treat certain forms of arthritis; skin, blood, kidney, eye, thyroid, and intestinal disorders (e.g., colitis); severe allergies; and asthma. Dexamethasone is also used to treat certain types of cancer.
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> <li>● upset stomach.</li> <li>● stomach irritation.</li> <li>● vomiting.</li> <li>● headache.</li> <li>● dizziness.</li> <li>● insomnia.</li> <li>● restlessness.</li> <li>● depression.</li> </ul>	<ul style="list-style-type: none"> <li>● do not give drug to nursing mothers; drug is secreted in breast milk.</li> <li>● Give daily doses before 9 AM to mimic normal peak corticosteroid blood levels.</li> <li>● Increase dosage when patient is subject to stress.</li> <li>● Taper doses when discontinuing high-dose or long-term therapy.</li> </ul>

<b>Glucagon(GlucaGen )</b>	
Classification:	Indication:
glycogenolytic agents	to treat insulin coma or insulin reaction resulting from severe hypoglycemia
Side effects/ adverse reactions:	Nursing Considerations:

- nausea
- vomiting
- hives
- injection site swelling or redness
- headache
- fast heartbeat

Assess IV site closely for signs of extravasation.

- Observe for signs of adverse effects.
- Observe clinical condition closely for signs of hypoglycaemia. Monitor blood glucose levels.
- Monitor blood pressure regularly.