

<b>dobutamine (Rx)</b>	
Classification:	Indication:
Adrenergic direct-acting $\beta$ 1-agonist	Cardiac decompensation due to organic heart disease or cardiac surgery <b>Unlabeled uses:</b> Cardiogenic shock in children; congenital heart disease in children undergoing cardiac catheterization
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> <li>• Fatigue</li> <li>• Palpitations, tachycardia, hypo/hypertension, PVCs, angina</li> <li>• Hypokalemia</li> <li>• Heart burn</li> <li>• Muscle cramps in legs</li> <li>• dyspnea</li> </ul>	<ul style="list-style-type: none"> <li>• Contraindication: Hypersensitivity, idiopathic hypertrophic subaortic stenosis</li> <li>• Report s/s of dyspnea, chest pain, numbness of extremities, headache, IV site discomfort</li> </ul>

<b>iodine (Rx)</b>	
Classification:	Indication:
Antithyroid	<b>High dose:</b> Thyroid cancer, hyperthyroidism <b>Low dose:</b> Visualization to determine thyroid cancer, diagnostic aid for thyroid function studies
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> <li>• Burning of mouth or throat, increased watering of mouth, metallic taste, soreness of teeth and gums</li> <li>• headache</li> <li>• irregular heartbeat</li> <li>• numbness, tingling, pain, or weakness in hands or feet, rash</li> <li>• stomach upset</li> </ul>	<ul style="list-style-type: none"> <li>• Contraindication: Pregnancy, breastfeeding, age &lt;30 yr, recent MI, large nodular goiter, vomiting/diarrhea, acute hyperthyroidism, use of thyroid products</li> <li>• Check skin, LOC, pulse, BP, EKG, RR, check for adventitious sounds, do a thyroid function test.</li> </ul>

<b>Generic name (Pressyn, Vasostrict)</b>	
Classification:	Indication:
Pituitary hormone	Diabetes insipidus, hypotension, shock, septic shock, post-cardiotomy cardiogenic shock
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> <li>• Increased BP, MI, shock, cardiac arrest, chest pain</li> <li>• Drowsiness</li> <li>• Congestion</li> <li>• Heartburn</li> <li>• Vulval pain, uterine cramping</li> <li>• Tremors, bronchial constriction, sweating</li> </ul>	<ul style="list-style-type: none"> <li>• Contraindication: Hypersensitivity, chronic nephritis</li> <li>• Check I&amp;Os, avoid alcohol and OTCs.</li> </ul>

<b>nystatin (Mycostatin, Nadostine, Nilstat)</b>	
Classification:	Indication:
Antifungal	Candida species causing oral, intestinal infections
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> <li>• Nausea, diarrhea</li> <li>• rash</li> </ul>	<ul style="list-style-type: none"> <li>• Contraindication: Hypersensitivity</li> <li>• Complete the entire course of rx, avoid commercial mouthwashes for mouth infections, share rx before each dose, report irritation</li> </ul>

<b>lactulose (Cholac, Constilac, Constulose, Enulose, Generlac, Kristalose)</b>	
Classification:	Indication:
Laxative	Chronic constipation, portal-systemic encephalopathy in patients with hepatic disease
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> <li>• Nausea, distention, belching</li> <li>• Hypernatremia</li> </ul>	<ul style="list-style-type: none"> <li>• Contraindication: Hypersensitivity, low-galactose diet</li> <li>• Use as prescribed, not for long term use, dilute in water or fruit juice, store in a cool, do not freeze, take on an empty stomach for rapid response, report diarrhea, number, amount, consistency of stool</li> </ul>

<b>alteplase (Activase, Cathflo Activase)</b>	
Classification:	Indication:
Thrombolytic enzyme	Lysis of obstructing thrombi associated with acute MI, ischemic conditions that require thrombolysis, central venous catheter occlusion
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> <li>• Sinus bradycardia, cholesterol microembolization, ventricular tachycardia, accelerated idioventricular rhythm, bradycardia, recurrent ischemic stroke, hypotension</li> <li>• Orolingual angioedema</li> <li>• retroperitoneal bleeding, anaphylaxis,</li> </ul>	<ul style="list-style-type: none"> <li>• Contraindication: internal bleeding, history of CVA, severe uncontrolled hypertension, aneurysm, brain tumor, platelets &lt;100,000, intracranial hemorrhage, seizure</li> <li>• Report any adverse effects or bleeding</li> </ul>

<b>streptokinase (Streptase)</b>	
Classification:	Indication:
Thrombolytic Agents	acute ST-segment myocardial infarction, deep vein thrombosis, pulmonary embolism, arterial thrombosis or embolism, and arteriovenous cannula occlusion
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> <li>• Bleeding (internal, hepatic, intracerebral), black tarry stools</li> <li>• Respiratory depression</li> <li>• Hypotension, dysrhythmias</li> <li>• Cool clammy skin</li> </ul>	<ul style="list-style-type: none"> <li>• Contraindication: severe uncontrolled hypertension, intracranial neoplasms, surgery within two months, recent stroke, and intraspinal surgery</li> <li>• Move as little as possible and get assistance to get out of bed, check BP, check for bleeding or oozing of skin, report signs of allergic rx, avoid invasive procedures</li> </ul>

<b>folic acid/ vit B<sub>9</sub> (Apo-Folic, Folvite, Novo-Folacid)</b>	
Classification:	Indication:
Vit B complex group, water-soluble vitamin	Megaloblastic or macrocytic anemia caused by folic acid deficiency; hepatic disease, alcoholism, hemolysis, intestinal obstruction, pregnancy to reduce risk for neural tube defects
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> <li>• Confusion</li> <li>• Bitter taste</li> <li>• Rash</li> <li>• Bronchospasm</li> <li>• Anaphylaxis</li> </ul>	<ul style="list-style-type: none"> <li>• Contraindication: Hypersensitivity</li> <li>• Must take period lab work, take as prescribed, also eat foods high in folic acid (organ meats, vegetables, fruits), urine will turn bright yellow, do breastfeed, report allergic reaction</li> </ul>

<b>glucagon (GlucaGen)</b>	
Classification:	Indication:
Antihypoglycemic	Hypoglycemia, used to temporarily inhibit movement of GI tract as a diagnostic test
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> <li>• Dizziness</li> <li>• Hypotension</li> <li>• Nausea</li> <li>• Hypersensitivity</li> </ul>	<ul style="list-style-type: none"> <li>• Contraindication: Hypersensitivity, pheochromocytoma, insulinoma</li> <li>• Teach pt how to use rx, s/s of hypoglycemia; use only when pt can't swallow, do not use if expired, always carry a sugar source</li> </ul>

<b>dexamethasone (Dexasone, Decadron, DexPak, TaperDex)</b>	
Classification:	Indication:
Corticosteroid, synthetic	Inflammation, allergies, neoplasms, cerebral edema, septic shock, collagen disorders, dexamethasone suppression test for Cushing syndrome, adrenocortical insufficiency, TB, meningitis, acute exacerbations of MS
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> <li>• seizures, insomnia, pseudotumor cerebri, mood changes</li> <li>• HTN, circulatory collapse, tachycardia, edema, cardiomyopathy, thromboembolism, heart failure, dysrhythmias</li> <li>• Fungal infections, glaucoma</li> <li>• Hyperglycemia, fluid retention</li> <li>• abdominal distention, GI hemorrhage, increased appetite, pancreatitis</li> <li>• Thrombocytopenia, transient leukocytosis, thromboembolism</li> <li>• Acne, poor wound healing, angioedema</li> </ul>	<ul style="list-style-type: none"> <li>• Contraindication: Hypersensitivity to corticosteroids, sulfites, or benzyl alcohol; fungal infections, abrupt discontinuation, coagulopathy, ulcerative colitis, seizure disorders</li> <li>• carry medical alert ID as corticosteroid user, contact prescriber if surgery, trauma, stress occurs to adjust dosage amount; take with milk or food, bruising may occur, have a high-protein diet if using long term, do not stop rx abruptly, avoid OTC products: salicylates, alcohol in cough products, cold preparation; report</li> </ul>

<ul style="list-style-type: none"><li>• Hypokalemia</li><li>• Fractures, osteoporosis, weakness, arthralgia, myopathy</li></ul>	infection, avoid exposure to chickenpox or measles, persons with infection
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