

dobutamine (generic, Dobutrex)		
Classification		Indication
<ul style="list-style-type: none"> • Alpha and Beta-Adrenergic Agonists • Antihypotensive Agents • Sympathetic Adrenergic Agonists or Vasopressors 		<ul style="list-style-type: none"> • Congestive heart failure
Side effects/Adverse Reactions	Contraindications	Nursing Considerations
<ul style="list-style-type: none"> • Arrhythmias, hypertension, palpitations, angina and dyspnea • Nausea and vomiting • Headache and sweating, tension and anxiety • SOB 	<ul style="list-style-type: none"> • Pheochromocytoma • Tachyarrhythmias or ventricular fibrillation • Hypovolemia • Halogenated hydrocarbon general anesthetics • Caution should be used with peripheral vascular disease • Pregnancy Category C • Lactation 	<ul style="list-style-type: none"> • Prototype: Isoproterenol • Monitor ECG and BP continuously during administration • Monitor I&O • Report anginal pain to physician

iodine (generic)		
Classification		Indication
<ul style="list-style-type: none"> • Antithyroid Agents • Iodine solutions 		<ul style="list-style-type: none"> • important dietary element used by the thyroid gland to produce thyroid hormone • Adjunct therapy for hyperthyroidism; thyroid blocking in a radiation emergency
Side effects/Adverse Reactions	Contraindications	Nursing Considerations
<ul style="list-style-type: none"> • Rash, hypothyroidism, goiter, swelling of the salivary glands, iodism (metallic taste, burning mouth and throat, sore teeth and gums, head cold symptoms, stomach upset, diarrhea), allergic reactions 	<ul style="list-style-type: none"> • Pregnancy Category D • Lactation 	<ul style="list-style-type: none"> • Assess for history of allergy to any antithyroid drug; pregnancy and lactation status, liver dysfunction; and pulmonary edema or pulmonary tuberculosis • Give through a straw to decrease staining of teeth • Monitor signs of iodism

vasopressin (Pitressin)		
Classification	Indication	
<ul style="list-style-type: none"> ● Hormones and Synthetic substitutes ● Pituitary (antidiuretic) 	<ul style="list-style-type: none"> ● Increase sodium and decrease potassium reabsorption ● Small dose = produce anginal pain ● Large dose = precipitate MI, decrease heart rate and cardiac output, increase BP 	
Side effects/Adverse Reactions	Contraindications	Nursing Considerations
<ul style="list-style-type: none"> ● Skin: rash ● Anaphylaxis, tremor, sweating, facial pallor ● GI: gas, nausea, vomiting, abdominal cramps ● CV: angina, cardiac arrest, HTN, heart block, MI, bradycardia ● Respiratory: rhinorrhea, irritation 	<ul style="list-style-type: none"> ● Ischemic heart disease PVCs ● Advanced arteriosclerosis ● Pregnancy Category X ● Lactation 	<ul style="list-style-type: none"> ● Monitor BP and weight ● Keep report of output ● Monitor urine output ● Polydipsia and polyuria ● Avoid concentrated fluids

nystatin (generic, Mycostatin, Nadostine)		
Classification	Indication	
<ul style="list-style-type: none"> ● Antifungals ● Antiinfective 	<ul style="list-style-type: none"> ● Fungistatic and fungicidal activity against a variety of yeasts and fungi; not appreciably active against bacteria, viruses, or protozoa 	
Side effects/Adverse Reactions	Contraindications	Nursing Considerations
<ul style="list-style-type: none"> ● GI: nausea, vomiting, epigastric distress, diarrhea 	<ul style="list-style-type: none"> ● Use of vaginal tablets during pregnancy ● Pregnancy Category C ● Lactation 	<ul style="list-style-type: none"> ● Prototype: Amphotericin B ● Stop using drug if redness, swelling or irritation develops ● Remove dentures before each rinse with oral suspension ● Clean infected areas with tepid water before each application

lactulose (Constilac)		
Classification	Indication	
<ul style="list-style-type: none"> Osmotic Laxatives 	<ul style="list-style-type: none"> saltless osmotic laxative that pulls fluid out of the venous system and into the lumen of the small intestine 	
Side effects/Adverse Reactions	Contraindications	Nursing Considerations
<ul style="list-style-type: none"> GI: diarrhea, abdominal cramping, abdominal bloating, nausea Dehydration, dry mouth CNS: dizziness, headache, weakness Sweating, palpitations, flushing, fainting 	<ul style="list-style-type: none"> Diabetes Low galactose diet Appendicitis, acute surgical abdomen, fecal impaction, or intestinal obstruction Pregnancy Category C Lactation 	<ul style="list-style-type: none"> Discontinue if diarrhea persists Diarrhea = sign of overdose

alteplase (Activase)		
Classification	Indication	
<ul style="list-style-type: none"> Thrombolytic Agents 	<ul style="list-style-type: none"> dissolve that clot to open the vessel and restore blood flow to the dependent tissue activate the natural anticlotting system—conversion of plasminogen to plasmin 	
Side effects/Adverse Reactions	Contraindications	Nursing Considerations
<ul style="list-style-type: none"> Bleeding Cardiac arrhythmias Hypotension Rash, flushing, bronchospasm, anaphylactic reaction 	<ul style="list-style-type: none"> Allergy Hypersensitivity recent surgery, active internal bleeding, cerebrovascular accident (CVA) within the last 2 months, aneurysm, obstetrical delivery, organ biopsy, recent serious GI bleeding, rupture of a noncompressible blood vessel, recent major trauma (including cardiopulmonary resuscitation), known blood-clotting defects, cerebrovascular disease, uncontrolled hypertension, and liver disease Pregnancy Category C Lactation 	<ul style="list-style-type: none"> Assess body temp, skin color, lesions, BP, perfusion CBC, occult blood in stool, ECG Monitor S/S of excess bleeding Stop immediately if dysrhythmias occur Monitor vital signs

streptokinase (Streptase)		
Classification		Indication
<ul style="list-style-type: none"> ● Coagulators ● Anticoagulants ● Thrombolytic enzyme 		<ul style="list-style-type: none"> ● Promotes thrombolysis
Side effects/Adverse Reactions	Contraindications	Nursing Considerations
<ul style="list-style-type: none"> ● Allergic reactions ● Bronchospasm, periorbital swelling, anaphylaxis ● Urticaria, itching, headache, flushing, nausea, pyrexia ● Phlebitis ● Unstable blood pressure ● Reperfusion atrial or ventricular dysrhythmias 	<ul style="list-style-type: none"> ● Active internal bleeding, CVA, uncontrolled HTN ● Allergic response ● Obstetrical delivery, diverticulitis ● Children ● Pregnancy Category C ● Lactation 	<ul style="list-style-type: none"> ● Prototype: Alteplase ● Monitor vital signs, especially BP and temperature ● Report signs of bleeding ● Report symptoms of allergic reaction ● Check cardiac monitor frequently ● Avoid aspirin

folic acid (generic)		
Classification		Indication
<ul style="list-style-type: none"> ● Megaloblastic Anemias ● Erythropoiesis-stimulating agents 		<ul style="list-style-type: none"> ● Treatment of megaloblastic anemia due to sprue, nutritional deficiency ● essential for cell growth and division and for the production of a strong stroma in RBCs
Side effects/Adverse Reactions	Contraindications	Nursing Considerations
<ul style="list-style-type: none"> ● Allergic reactions, pain and discomfort at injection site ● Nasal irritation ● Nausea 	<ul style="list-style-type: none"> ● Hypersensitivity reactions ● Pregnancy Category C ● Lactation 	<ul style="list-style-type: none"> ● Monitor patient response to drug, alleviation of anemia

glucagon (GlucaGen)		
Classification	Indication	
<ul style="list-style-type: none"> ● Glucose-elevating agents 	<ul style="list-style-type: none"> ● Counteracts severe hypoglycemic reactions in diabetic patients treated with insulin 	
Side effects/Adverse Reactions	Contraindications	Nursing Considerations
<ul style="list-style-type: none"> ● GI upset, nausea, vomiting ● Hypotension, hypertension, respiratory distress with hypersensitivity reactions ● hypokalemia with overdose. ● hyperglycemia 	<ul style="list-style-type: none"> ● Hypersensitivity ● Pregnancy Category B ● Lactation 	<ul style="list-style-type: none"> ● Check blood glucose levels ● Monitor for adverse effects - hyperglycemia and GI distress ● Monitor effectiveness of comfort measures ● Give IV glucose if pt fails to respond to glucagon

dexamethasone (generic)		
Classification	Indication	
<ul style="list-style-type: none"> ● Adrenocortical Agents ● Glucocorticoids 	<ul style="list-style-type: none"> ● Management of allergic and topical inflammatory disorders ● Adrenal hypofunction 	
Side effects/Adverse Reactions	Contraindications	Nursing Considerations
<ul style="list-style-type: none"> ● Nasal irritation, dryness, epistaxis, bronchial asthma ● Euphoria, insomnia, vertigo, headache ● CV: CHF, HTN, edema ● Glaucoma ● GI: peptic ulcer, abdominal distension, nausea, increased appetite, oral candidiasis ● MS: muscle weakness ● Impaired wound healing 	<ul style="list-style-type: none"> ● Hypersensitivity ● Pregnancy Category C ● Lactation 	<ul style="list-style-type: none"> ● Monitor S/S of Cushing's syndrome and hypersensitivity reaction ● Take drug exactly as prescribed ● Report changes in appearance or easy bruising ● Discontinue drug gradually under physician's guidance