

ranitidine (Acid Reducer, Nu-Ranit, Zantac)	
Classification:	Indication:
H2-Histamine receptor antagonist	Heart burn, gastric ulcer, gastroesophageal reflux disease
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> • Dizziness • Blurred vision, increased ocular pressure • hepatotoxicity 	<ul style="list-style-type: none"> • Contraindications: Hypersensitivity • Avoid driving and other hazardous activities until effects are stable, do not take if breastfeeding, take once daily before bedtime, report immediately coffee-ground emesis, black tarry stools, abdominal pain, cramping

omeprazole (Losec, PriLOSEC, PriLOSEC OTC)	
Classification:	Indication:
proton pump inhibitor, antiulcer	Gastroesophageal reflux disease (GERD), severe erosive esophagitis, treatment of active duodenal ulcers
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> • dizziness, asthenia • acid regurgitation, abdominal swelling, irritable colon, esophageal candidiasis, dry mouth, hepatic failure, Clostridium difficile–associated diarrhea (CDAD) • Upper respiratory infections, cough, epistaxis, pneumonia 	<ul style="list-style-type: none"> • Contraindications: Hypersensitivity • Report sever diarrhea, black tarry stool, abdominal pain; headache, hypoglycemia may occur if diabetic, avoid alcohol, salicylates, NSAIDs; can cause GI irritation, take as directed, takes 4 days to take effect, if pregnant only take if benefit outweighs the risk, caution if breastfeeding (it is excreted in the breastmilk), do not use with other OTC or prescription without permission

loperamide (Diamode, Imodium, Imodium A-D)	
Classification:	Indication:
antidiarrheal	Diarrhea, to decrease amount of ileostomy discharge Unlabeled uses: irritable bowel syndrome, traveler's diarrhea
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> • Drowsiness • Nausea, dry mouth, constipation, abdominal pain, anorexia, toxic megacolon, bacterial enterocolitis • Rash • Hyperglycemia • Anaphylaxis, angioedema, toxic epidermal necrolysis 	<ul style="list-style-type: none"> • Contraindications: Hypersensitivity, pseudomembranous colitis, constipation, dysentery, GI bleeding/obstruction/perforation, ileus, vomiting • Avoid taking with OTC, ileostomy patient may take product for extended time, do not drive if drowsiness occurs, use hard candy, sips of water for dry mouth

metoclopramide (Apo-Metoclop, Metonia, Metozolv ODT, Reglan)	
Classification:	Indication:
Cholinergic, antiemetic, GI stimulant	Prevention of nausea, vomiting induced by chemotherapy, radiation, delayed gastric emptying, gastroesophageal reflux Unlabeled uses: Hiccups, migraines, breastfeeding induction, lung cancer
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> • Sedation, fatigue, suicidal ideation, seizures, EPS, neuroleptic malignant syndrome; tardive dyskinesia (>3 mo, high doses) • Hypotension, SVT • Dry mouth, constipation, nausea, anorexia, vomiting, diarrhea • Decreased libido, prolactin secretion, amenorrhea, galactorrhea • Neutropenia, leukopenia, agranulocytosis • Urticaria, rash 	<ul style="list-style-type: none"> • Contraindications: Hypersensitivity to this product, procaine, or procainamide; seizure disorder, pheochromocytoma, GI obstruction • avoid driving and other hazardous activities until stabilized on product, avoid alcohol and other CNS depressants due to enhancing sedation

ondansetron (Zofran, Zofran ODT, Zuplenz, Ondissolve ODF)	
Classification:	Indication:
Antiemetic	Prevention of nausea, vomiting associated with cancer chemotherapy, radiotherapy, prevention of postoperative nausea, vomiting Unlabeled uses: Pruritus (rectal use), alcoholism, severe vomiting in pregnancy
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> • headache, dizziness • diarrhea, constipation, abdominal pain, dry mouth • Rash, bronchospasm (rare), musculoskeletal pain, wound problems, shivering, fever, hypoxia, urinary retention 	<ul style="list-style-type: none"> • Contraindications: Hypersensitivity; phenylketonuric hypersensitivity (oral disintegrating tab), torsades de pointes • report diarrhea, constipation, rash, changes in respirations, discomfort at insertion site, serotonin symptoms, EPS symptoms, may need to take analgesic for headache, take with a glass of water, for oral disintegrating tabs: remove strip from pouch, place on tongue, and allow to dissolve; drink water

methylprednisolone (A-Methapred, Depo, Medrol, Solu)	
Classification:	Indication:
Corticosteroid, synthetic	Severe inflammation, shock, adrenal insufficiency, collagen disorders, management of acute spinal cord injury, multiple sclerosis, acute lymphocytic leukemia, anaphylaxis, angioedema, asthma, Crohn's disease, eczema, gouty arthritis
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> • Depression, flushing, sweating, headache, mood changes • Hypertension, circulatory collapse, thrombophlebitis, embolism, tachycardia • Fungal infections, increased intraocular pressure, blurred vision, cataracts 	<ul style="list-style-type: none"> • Contraindications: Hypersensitivity, intrathecal use, neonates • increase intake of potassium, calcium, protein; carry emergency ID as corticosteroid use, notify prescriber if therapeutic response decreases, do not discontinue abruptly, take with food or milk, avoid OTC products: salicylates, alcohol in cough products, cold preparations, avoid vaccinations

<ul style="list-style-type: none"> • Diarrhea, nausea, abdominal distention, GI hemorrhage, increased appetite, pancreatitis • Thrombocytopenia • Acne, poor wound healing, ecchymosis, petechiae • Fractures, osteoporosis, weakness 	<p>due to immunosuppression that will occur when taking rx, report adrenal insufficiency: nausea, anorexia, fatigue, dizziness, dyspnea, weakness, joint pain or Cushingoid symptoms: buffalo hump, moon face, rapid weight gain, excess sweating; avoid people with known infections</p>
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<p>levothyroxine (Eltroxin , Levothroid, Levoxyl, Synthroid, Tirosint, Unithroid, Euthyrox, Levo-T)</p>	
Classification:	Indication:
Thyroid hormone	Hypothyroidism, myxedema coma, thyroid hormone replacement, thyrotoxicosis, congenital hypothyroidism, some types of thyroid cancer, pituitary TSH suppression
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> • Anxiety, insomnia, tremors, headache, thyroid storm, excitability • Tachycardia, palpitations, angina, dysrhythmias, hypertension, cardiac arrest • Nausea, diarrhea, increased or decreased appetite, cramps • Menstrual irregularities, weight loss, sweating, heat intolerance, fever, alopecia, decreased bone mineral density 	<ul style="list-style-type: none"> • Contraindications: Adrenal insufficiency, recent MI, thyrotoxicosis, hypersensitivity to beef, alcohol intolerance (inj only) • Temporary hair loss will occur in child, is temporary, report excitability, irritability, anxiety (this indicate overdose), avoid iodine-rich food, iodized salt, soybeans, tofu, turnips, high-iodine seafood, some bread products; do not switch rx brands, take in the morning on an empty stomach, avoid OTC preparations with iodine; to read labels; to separate antacids, iron, calcium products by 4 hr

alendronate (Binosto, Fosamax, Fosamax plus D)	
Classification:	Indication:
Bone-resorption inhibitor	treatment and prevention of osteoporosis in postmenopausal women, treatment of osteoporosis in men, Paget's disease
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> • Headache • Abdominal pain, constipation, nausea, vomiting, esophageal ulceration, acid reflux, dyspepsia, esophageal perforation, diarrhea, esophageal cancer • Hypophosphatemia, hypocalcemia • Bone pain, osteonecrosis of the jaw, bone fractures • Angioedema, Stevens-Johnson syndrome, toxic epidermal necrolysis 	<ul style="list-style-type: none"> • Contraindications: Hypersensitivity to bisphosphonates, delayed esophageal emptying, inability to sit or stand for 30 min, hypocalcemia • Remain upright for 30 min after dose to prevent esophageal irritation, take calcium, vit D if instructed, exercise to increase bone density, maintain good oral hygiene

insulin (Rx)	
Classification:	Indication:
Antidiabetic, pancreatic hormone	Type 1 diabetes mellitus, type 2 diabetes mellitus, gestational diabetes
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> • Blurred vision, dry mouth • Flushing, rash, urticaria, warmth, lipodystrophy, lipohypertrophy, swelling, redness • Hypoglycemia, rebound hyperglycemia (Somogyi effect 12-72 hr or longer) • Peripheral edema • Anaphylaxis 	<ul style="list-style-type: none"> • Contraindications: Hypersensitivity to protamine; creosol (aspart) • Blurred vision can occur, always keep insulin or glycogen kit available, carry emergency diabetic ID card, recognize hyperglycemic and hypoglycemic reactions, report symptoms of ketoacidosis, follow diet, exercise, daily blood glucose testing, avoid OTC

metformin (Fortamet, Glucophage, Glucophage XR, Glumetza, Glycon, Riomet)	
Classification:	Indication:
Antidiabetic	Type 2 diabetes mellitus
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> • Headache, drowsiness, agitation • Lactic acidosis, hypoglycemia • Nausea, diarrhea, heartburn, anorexia, metallic taste • Thrombocytopenia, decreased vit B12 levels 	<ul style="list-style-type: none"> • Contraindications: Diabetic ketoacidosis, metabolic acidosis, renal failure, radiographic contrast use • regularly self-monitor blood glucose, recognize hyperglycemic and hypoglycemic reactions, avoid OTC, carry emergency ID and glucagon emergency kit, report adverse effects, take with meals, do not crush/break medication

