

ranitidine (Zantac)		
Classification	Indication	
<ul style="list-style-type: none"> ● OTC gastrointestinal secretions ● Histamine-2 Antagonists 	<ul style="list-style-type: none"> ● Treatment of duodenal ulcer, benign gastric ulcer, pathological hypersecretory syndrome, GERD, relief of symptoms of heartburn, acid indigestion, sour stomach in adults 	
Side effects/Adverse Reactions	Contraindications	Nursing Considerations
<ul style="list-style-type: none"> ● Diarrhea ● Dizziness and headache ● sore throat, unusual bleeding or bruising, confusion, muscle or joint pain, and tarry stools ● GI: constipation, nausea, abdominal pain, diarrhea 	<ul style="list-style-type: none"> ● Hypersensitivity ● Acute porphyria ● Pregnancy Category B ● Lactation 	<ul style="list-style-type: none"> ● Avoid taking any OTC medication ● S/S of Hepatotoxicity, jaundice, and LDH ● Prototype: Cimetidine ● Do not smoke

omeprazole (Prilosec)		
Classification	Indication	
<ul style="list-style-type: none"> ● Gastrointestinal agent ● Proton pump inhibitor 	<ul style="list-style-type: none"> ● Short-term treatment of active duodenal ulcer or active benign gastric ulcer; treatment of heartburn or symptoms of gastroesophageal reflux; treatment of pathological hypersecretory syndromes; eradication of Helicobacter pylori infection as part of combination therapy 	
Side effects/Adverse Reactions	Contraindications	Nursing Considerations
<ul style="list-style-type: none"> ● Headache, dizziness, vertigo, insomnia, rash, diarrhea, abdominal pain, nausea, vomiting, upper respiratory infection symptoms, cough 	<ul style="list-style-type: none"> ● Long-term use for gastroesophageal reflux disease (GERD), duodenal ulcers; proton pump inhibitors (PPIs), hypersensitivity ● Pregnancy Category C ● Lactation 	<ul style="list-style-type: none"> ● Report any changes in urinary elimination such as pain or discomfort associated with urination, or blood in urine. ● Report severe diarrhea

loperamide (Imodium)

Classification	Indication	
<ul style="list-style-type: none"> ● Antidiarrheals 	<ul style="list-style-type: none"> ● Control and symptomatic relief of acute, nonspecific diarrhea and chronic diarrhea associated with irritable bowel syndrome; reduction of volume of discharge from ileostomies 	
Side effects/Adverse Reactions	Contraindications	Nursing Considerations
<ul style="list-style-type: none"> ● Abdominal pain, distension, or discomfort; dry mouth; nausea; constipation; dizziness; tiredness; drowsiness 	<ul style="list-style-type: none"> ● Severe colitis ● Pregnancy Category B ● Lactation 	<ul style="list-style-type: none"> ● Record number and consistency of stools ● Do not drive ● Do not take alcohol and other CNS depressants ● Relieve dry mouth, suck hard candy, rinse mouth frequently

metoclopramide (Reglan)		
Classification	Indication	
<ul style="list-style-type: none"> ● Antiemetic agents ● Nonphenothiazine 	<ul style="list-style-type: none"> ● Prevention of nausea and vomiting associated with emetogenic cancer chemotherapy, prevention of postoperative nausea and vomiting 	
Side effects/Adverse Reactions	Contraindications	Nursing Considerations
<ul style="list-style-type: none"> ● Drowsiness, fatigue, restlessness, extrapyramidal symptoms, diarrhea 	<ul style="list-style-type: none"> ● Pregnancy Category B ● Lactation 	<ul style="list-style-type: none"> ● Avoid alcohol and other CNS depressants ● Report S&S of acute dystonia, such as trembling hands and facial grimacing ● Monitor for possible hypernatremia and hypokalemia

ondansetron (Zofran)

Classification		Indication	
<ul style="list-style-type: none"> ● Antietmetic agents ● 5-HT3 Receptor Blockers 		<ul style="list-style-type: none"> ● Control of severe nausea and vomiting associated with emetogenic cancer chemotherapy, radiation therapy; treatment of postoperative nausea and vomiting 	
Side effects/Adverse Reactions	Contraindications	Nursing Considerations	
<ul style="list-style-type: none"> ● Headache, dizziness, drowsiness, myalgia, urinary retention, constipation, pain at injection site ● Diarrhea 	<ul style="list-style-type: none"> ● Hypersensitivity ● Pregnancy Category B ● Lactation 	<ul style="list-style-type: none"> ● Monitor fluid and electrolyte status ● Monitor cardiovascular status (CAD hx) ● Be aware that headache requiring an analgesic for relief is a common adverse effect 	

methylprednisolone (Medrol)	
Classification	Indication
<ul style="list-style-type: none"> ● Adrenocortical Agents ● Glucocorticoids 	<ul style="list-style-type: none"> ● An anti-inflammatory agent in the management of acute and chronic inflammatory diseases, for palliative management of neoplastic diseases, and for control of severe acute and chronic allergic processes. ● management of acute bronchial asthma, prevention of fat embolism in patient with long-bone fracture.

Side effects/Adverse Reactions	Contraindications	Nursing Considerations
<ul style="list-style-type: none"> ● increased toxicity in African Americans ● CNS: Euphoria, headache, insomnia, confusion, psychosis. ● CV: CHF, edema. ● GI: Nausea, vomiting, peptic ulcer. ● Musculoskeletal: Muscle weakness, delayed wound healing, muscle wasting, osteoporosis, aseptic necrosis of bone, spontaneous fractures. ● Endocrine: Cushingoid features, growth suppression in children, carbohydrate intolerance, hyperglycemia. ● Special Senses: Cataracts. ● Hematologic: Leukocytosis. ● Metabolic: Hypokalemia. 	<ul style="list-style-type: none"> ● Systemic fungal infections ● Pregnancy Category C ● Lactation 	<ul style="list-style-type: none"> ● Monitor diabetics for loss of glycemic control. ● Monitor serum potassium and report S&S of hypokalemia ● Monitor for and report S&S of Cushing's syndrome ● Do not alter established dosage regimen ● Consult physician for any of the following: slow wound healing, significant insomnia or confusion, or unexplained bone pain.

levothyroxine (Levothroid, Synthroid)		
Classification	Indication	
<ul style="list-style-type: none"> ● Thyroid Hormones 	<ul style="list-style-type: none"> ● Replacement therapy in hypothyroidism; pituitary TSH suppression in the treatment of euthyroid goiters and in the management of thyroid cancer; thyrotoxicosis in conjunction with other therapy; myxedema coma 	
Side effects/Adverse Reactions	Contraindications	Nursing Considerations
<ul style="list-style-type: none"> ● Tremors, headache, nervousness, palpitations, tachycardia, allergic skin reactions, loss of hair in the first few months of therapy in children, diarrhea, nausea, vomiting 	<ul style="list-style-type: none"> ● Hypersensitivity ● Thyrotoxicosis ● Severe cardiovascular conditions ● Adrenal insufficiency ● Pregnancy Category A ● Lactation 	<ul style="list-style-type: none"> ● Monitor pulse before each dose (notify physician if >100 or rhythm changes) ● Monitor bone age, growth, and psychomotor function in children ● Notify signs of toxicity ● Avoid OTC meds

alendronate (Fosamax)		
Classification	Indication	
<ul style="list-style-type: none"> ● Thyroid Agents ● Antihypercalcemic Agents ● Bisphosphonates 	<ul style="list-style-type: none"> ● Treatment and prevention of osteoporosis in postmenopausal women and in men; treatment of glucocorticoid-induced osteoporosis; treatment of Paget disease in certain patients 	
Side effects/Adverse Reactions	Contraindications	Nursing Considerations
<ul style="list-style-type: none"> ● Headache, nausea, diarrhea, increased or recurrent bone pain ● esophageal erosion, ulceration ● Hypocalcemia 	<ul style="list-style-type: none"> ● Hypersensitivity ● Severe renal impairment ● Hypocalcemia ● Abnormalities ● Pregnancy Category C ● Lactation 	<ul style="list-style-type: none"> ● Take calcium and vitamin D in diet in cases of hypocalcemia ● Report fever ● Monitor renal and liver functions

insulin (Regular)

Classification	Indication	
<ul style="list-style-type: none"> ● Insulin ● Antidiabetic agent 	<ul style="list-style-type: none"> ● Treatment of type 1 diabetes ● treatment of type 2 diabetes when other agents have failed ● short-term treatment of type 2 diabetes during periods of stress; management of diabetic ketoacidosis, hyperkalemia, and marked insulin resistance. 	
Side effects/Adverse Reactions	Contraindications	Nursing Considerations
<ul style="list-style-type: none"> ● Hypersensitivity reaction, local reactions at injection site, hypoglycemia, ketoacidosis 	<ul style="list-style-type: none"> ● Known allergy ● Pregnancy Category B ● Lactation 	<ul style="list-style-type: none"> ● Monitor patient response to the drug (stabilization of blood glucose levels). ● Monitor for adverse effects (hypoglycemia, ketoacidosis, lung function decline with inhaled insulin, and injection site irritation). ● Evaluate the effectiveness of the teaching plan (patient can name drug, dosage, adverse effects to watch for, specific measures to avoid them, and proper administration technique). ● Monitor the effectiveness of comfort measures and compliance with the regimen.

metformin (Glucophage)		
Classification	Indication	
<ul style="list-style-type: none"> ● Antidiabetic Agents 	<ul style="list-style-type: none"> ● Adjunct to diet and exercise for the treatment of type 2 diabetics older than 10 years of age; extended release form for patients older than 17 years of age; adjunct treatment with polycystic ovary syndrome 	
Side effects/Adverse Reactions	Contraindications	Nursing Considerations
<ul style="list-style-type: none"> ● Hypoglycemia, lactic acidosis, GI upset, nausea, anorexia, diarrhea, heartburn, allergic skin reaction ● Lactic acidosis 	<ul style="list-style-type: none"> ● Hypersensitivity ● Alcoholism, acute MI, diabetic ketoacidosis, hypoxemia, renal failure, sepsis, surgery ● Pregnancy Category B ● Lactation 	<ul style="list-style-type: none"> ● Oral antidiabetic drug approved for children ● Report S/S of infection ● Hypoglycemia is NOT a risk