

Ranitidine (Zantac)	
Classification	Indication
Histamine-2 (H2) Receptor Antagonist	<ul style="list-style-type: none"><li>• Treatment and prevention of ulcers</li><li>• GERD</li><li>• Treatment of Zollinger-Ellison syndrome</li></ul>
Side effects/ adverse reactions	Nursing Considerations
<ul style="list-style-type: none"><li>• Elevated LFTs</li><li>• Abdominal pain</li><li>• GI bleeding</li></ul>	<ul style="list-style-type: none"><li>• Contraindicated: acute porphyria, impaired renal or hepatic function, pregnant and lactating</li><li>• Monitor: s/s of GI bleeding, renal and hepatic function tests, serum electrolytes</li></ul>

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Omeprazole (Prilosec, Zegerid)	
Classification	Indication
PPI	<ul style="list-style-type: none"><li>• Treatment of GERD</li><li>• Healing erosive esophagus</li><li>• Treatment of gastric ulcers caused by NSAIDs</li><li>• Treatment of ulcers caused by H Pylori (adjunct tx with abx)</li></ul>
Side effects/ adverse reactions	Nursing Considerations
<ul style="list-style-type: none"><li>• Flatulence</li><li>• Rash</li><li>• Vomiting</li><li>• GI bleeding</li></ul>	<ul style="list-style-type: none"><li>• use with caution in patients with impaired liver and renal function</li><li>• monitor: s/s of GI bleeding, LFTs, serum electrolytes</li></ul>

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Loperamide (Imodium)	
Classification	Indication
<ul style="list-style-type: none"><li>• Antidiarrheal agent</li><li>• Opioid receptor agonist</li></ul>	<ul style="list-style-type: none"><li>• Treatment of diarrhea in adults</li><li>• Reduction of volume and frequency of stool in patients with ileostomies</li></ul>
Side effects/ adverse reactions	Nursing Considerations
<ul style="list-style-type: none"><li>• Dry mouth</li><li>• Drowsiness</li></ul>	<ul style="list-style-type: none"><li>• Monitor: s/s of dehydration, duration and severity of diarrhea, electrolyte levels</li></ul>

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Metoclopramide (Reglan, Maxalon)	
Classification	Indication
Antiemetic	<ul style="list-style-type: none"><li>• Short term treatment of GERD</li><li>• Prevention of nausea and vomiting associated with chemo, radiation therapy and surgery.</li><li>• Treatment of diabetic gastroparesis</li></ul>
Side effects/ adverse reactions	Nursing Considerations
<ul style="list-style-type: none"><li>• Drowsiness</li><li>• Restlessness</li><li>• Extrapyramidal sx (dystonia, akathisia, tardive dyskinesia)</li><li>• Hypotension</li><li>• Hyperprolactinemia</li><li>• Breast tenderness or enlargement</li></ul>	<ul style="list-style-type: none"><li>• Monitor s/s of Extrapyramidal sx</li><li>• Monitor electrolyte levels.</li><li>• Monitor BP</li></ul>

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Ondansetron (Zofran)	
Classification	Indication
Antiemetic	Prevention of nausea and vomiting
Side effects/ adverse reactions	Nursing Considerations
<ul style="list-style-type: none"><li>• Elevated LFTs</li><li>• QT prolongation and torsade's de pointes</li><li>• Abdominal pain</li></ul>	<ul style="list-style-type: none"><li>• Monitor potassium and magnesium electrolyte levels.</li><li>• EKG in patients with a cardiac condition or electrolyte imbalances</li></ul>

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Methylprednisolone (Medrol)	
Classification	Indication
Corticosteroid	<ul style="list-style-type: none"><li>• Allergic and inflammatory conditions - such as asthma, RA, and lupus</li><li>• Immunosuppression for transplant patients</li><li>• Cerebral edema with brain tumors or trauma</li><li>• Acute exacerbations of MS</li></ul>
Side effects/ adverse reactions	Nursing Considerations
<ul style="list-style-type: none"><li>• Fluid retention</li><li>• Elevated BP</li><li>• Elevated blood glucose</li><li>• Mood changes</li><li>• Peptic ulcers</li><li>• Cataracts and glaucoma</li><li>• Adrenal suppression</li></ul>	<ul style="list-style-type: none"><li>• Monitor</li><li>• I&amp;O</li><li>• BP</li><li>• Blood glucose levels</li><li>• Mood changes</li><li>• s/s of mood changes</li></ul>

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Levothyroxine (Synthroid)	
Classification	Indication
Thyroid hormone replacement	<ul style="list-style-type: none"><li>• Hypothyroidism</li><li>• TSH suppression in patients with thyroid cancer</li><li>• Thyroid hormone replacement in patients with thyroid cancer</li><li>• Thyroid hormone replacement in patients with goiter or nodular thyroid disease</li></ul>
Side effects/ adverse reactions	Nursing Considerations
<ul style="list-style-type: none"><li>• Weight loss</li><li>• Nervousness</li><li>• Palpitations</li><li>• Sweating</li><li>• Menstrual irregularities</li><li>• Muscle weakness and cramps</li><li>• Cardiac arrhythmias</li></ul>	<ul style="list-style-type: none"><li>• TSH levels to monitor therapy response and adjust the dosage</li><li>• Sx of hyperthyroidism or hypothyroidism</li><li>• Cardiac function in patients with preexisting heart disease</li><li>• s/s of hyperthyroidism</li></ul>

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Alendronate (Fosamax)	
Classification	Indication
Bisphosphate	<ul style="list-style-type: none"><li>• tx and prevention of osteoporosis in postmenopausal women</li><li>• tx of osteoporosis in men</li><li>• tx of corticosteroid-induced osteoporosis</li><li>• tx of Paget's disease of bone</li></ul>
Side effects/ adverse reactions	Nursing Considerations
<ul style="list-style-type: none"><li>• esophageal irritation or ulceration</li><li>• musculoskeletal pain</li><li>• hypocalcemia</li></ul>	<ul style="list-style-type: none"><li>• instruct pt to take with a full glass of water</li><li>• instruct pt to not take with calcium supplements, anti-acids, NSAIDs or aspirin</li><li>• monitor:</li><li>• bone density</li><li>• serum calcium and vitamin D levels</li><li>• sx of esophageal irritation or ulceration</li><li>• sx of musculoskeletal pain</li></ul>

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Insulin (Humulin, Novolin, Lantus, Levemir, Humalog, Novolog, Apidra, Tesiba)	
Classification	Indication
Hormone, antidiabetic agent	<ul style="list-style-type: none"><li>• DM to control blood sugar levels</li></ul>
Side effects/ adverse reactions	Nursing Considerations
<ul style="list-style-type: none"><li>• Hypoglycemia</li><li>• Hyperglycemia</li><li>• Injection site reactions, such as redness, itching, or pain</li></ul>	<ul style="list-style-type: none"><li>• Monitor</li><li>• Blood glucose levels</li><li>• s/s or hyper and hypo glycemia</li><li>• insulin dosage and injection site rotation</li></ul>

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Metformin (Glucophage, Glumetza, Riomet)	
Classification	Indication
Antidiabetic agent, biguanide	<ul style="list-style-type: none"><li>• type II DM</li><li>• PCOS</li><li>• Gestational diabetes</li></ul>
Side effects/ adverse reactions	Nursing Considerations
<ul style="list-style-type: none"><li>• Lactic acidosis</li><li>• Vitamin B12 deficiency</li><li>• Hypoglycemia</li><li>• Rash, itching, erythema</li></ul>	<ul style="list-style-type: none"><li>• Blood glucose levels</li><li>• Renal function</li><li>• s/s of lactic acidosis</li></ul>