

Cetirizine (Zyrtec)	
Classification:	Indication:
<ul style="list-style-type: none"> ● Antihistamines ● Second Generation (nonsedating) 	<ul style="list-style-type: none"> ● Seasonal and perennial allergic rhinitis and chronic idiopathic urticaria
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> ● GI: constipation, diarrhea, dry mouth ● CNS: Drowsiness, sedation, headache, depression 	<ul style="list-style-type: none"> ● Contraindications <ul style="list-style-type: none"> ○ Hypersensitivity to H1-receptor antihistamines ○ Children <2 years ○ Pregnancy category B ○ Lactation ● Monitor for drug interactions ● Monitor for sedation ● Do not combine with OTC antihistamines

Montelukast (Singulair)	
Classification:	Indication:
<ul style="list-style-type: none"> ● Bronchodilator (respiratory smooth muscle relaxant) ● Leukotriene Receptor Antagonists 	<ul style="list-style-type: none"> ● Inflammation ● Prophylaxis and chronic treatment of asthma or allergic rhinitis
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> ● Fever, trauma ● CNS: dizziness, headache ● GI: abdominal pain, gastroenteritis, diarrhea, nausea ● Respiratory: nasal congestion, cough, influenza, laryngitis, pharyngitis, sinusitis ● Skin: rash 	<ul style="list-style-type: none"> ● Contraindications <ul style="list-style-type: none"> ○ Hypersensitivity ○ Severe asthma attacks ○ Bronchoconstriction due to asthma or NSAIDs ○ Pregnancy category B ○ Lactation ● Periodic liver function tests ● Do not use for reversal of an acute asthmatic attack

Fluticasone propionate (Flonase, Flovent)	
Classification:	Indication:
<ul style="list-style-type: none"> ● Skin and mucous membrane agent ● Anti Inflammatory ● Corticosteroid 	<ul style="list-style-type: none"> ● Treat asthma and nonallergic rhinitis
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> ● Nosebleeds ● Noisy breathing, runny nose ● Redness, sores, white patches in mouth/throat ● Fever, chills, body aches ● Blurred vision ● Headache, insomnia 	<ul style="list-style-type: none"> ● Contraindications <ul style="list-style-type: none"> ○ Hypersensitivity ○ Pregnancy category C ○ Lactation ● Monitor patient's respiratory status ● Instruct patient to stop smoking

Ipratropium (Atrovent)	
Classification:	Indication:
<ul style="list-style-type: none"> ● Anticholinergic Agents/Parasympatholytics ● Bronchodilators/Antiasthmatics 	<ul style="list-style-type: none"> ● Maintenance therapy in COPD including chronic bronchitis and emphysema ● Nasal spray for perennial rhinitis and symptomatic relief of rhinorrhea associated with common cold
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> ● Blurred vision ● GI: bitter taste, nausea, constipation ● Respiratory: cough, epistaxis, nasal dryness ● Skin: rash, hives ● Urogenital: urinary retention ● CNS: headache 	<ul style="list-style-type: none"> ● Contraindications <ul style="list-style-type: none"> ○ Hypersensitivity ○ Children < 3 years old ○ Pregnancy category B ○ Lactation ● Monitor respiratory status ● Auscultate lungs before/after inhalation ● Report exacerbation of respiratory symptoms

Diphenhydramine (Benadryl)	
Classification:	Indication:
<ul style="list-style-type: none"> ● Anxiolytic and Hypnotic Drugs ● Anticholinergic agents ● Antihistamines - First Generation 	<ul style="list-style-type: none"> ● Temporary symptomatic relief of various allergic conditions and to treat or prevent motion sickness, vertigo, and reactions to blood or plasma in susceptible patients
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> ● CNS: drowsiness, dizziness, headache, fatigue, tremors, insomnia, fever ● CV: tachycardia ● Tinnitus, vertigo, nasal stuffiness, blurred vision ● GI: dry mouth, nausea, anorexia, vomiting, constipation, diarrhea ● Urogenital: dysuria ● Respiratory: wheezing, chest tightness 	<ul style="list-style-type: none"> ● Contraindications <ul style="list-style-type: none"> ○ Hypersensitivity ○ Bladder neck obstruction ○ GI obstruction or stenosis ○ Pregnancy category C ○ Lactation ● Monitor cardiovascular status ● Supervise ambulation ● Do not use alcohol and other CNS depressants ● Do not drive ● Increase fluid intake

Guaifenesin (Mucinex, Robitussin)	
Classification:	Indication:
<ul style="list-style-type: none"> ● Expectorant ● Antitussive 	<ul style="list-style-type: none"> ● Combat dry, nonproductive cough associated with colds/bronchitis
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> ● GI: low incidence of nausea ● CNS: drowsiness 	<ul style="list-style-type: none"> ● Contraindications <ul style="list-style-type: none"> ○ hypersensitivity ○ Pregnancy category C ○ Lactation ● Monitor for therapeutic effectiveness ● Notify physician if high fever, rash, or headaches develop ● Increase fluid intake to help loosen mucus

Epinephrine (EpiPen)	
Classification:	Indication:
<ul style="list-style-type: none"> ● Antihypotensive agents ● Sympathetic Adrenergic Agonists or Vasopressors ● Bronchodilators/antiasthmatics ● Sympathomimetics 	<ul style="list-style-type: none"> ● Temporary relief of bronchospasm, acute asthmatic attack, mucosal congestion, hypersensitivity and anaphylactic reactions
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> ● Nasal burning, burning or eyes, headache, allergy ● Nervousness, restlessness, fear, anxiety, tremors, syncope ● Digestive: nausea, vomiting ● Cardiovascular: palpitations, hypertension, MI ● Respiratory: bronchial/pulmonary edema ● Urogenital: urinary retention 	<ul style="list-style-type: none"> ● Contraindications <ul style="list-style-type: none"> ○ Hypersensitivity ○ Cardiac dilatation ○ Arrhythmias ○ Pregnancy category C ○ Lactation ● Monitor BP, pulse, respirations ● Monitor urinary output ● Monitor I&O

Albuterol sulfate (Proventil HFA, Ventolin)	
Classification:	Indication:
<ul style="list-style-type: none"> ● Beta-specific adrenergic agonists ● Bronchodilators/antiasthmatics ● Sympathomimetics 	<ul style="list-style-type: none"> ● Relieve bronchospasm associated with asthma, bronchitis ● Prevent exercise-induced bronchospasm
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> ● Hypersensitivity ● CNS: tremor, anxiety, headache ● CV: palpitation, hypertension, hypotension, bradycardia ● Blurred vision, dilated pupils ● GI: nausea, vomiting ● Muscle cramps 	<ul style="list-style-type: none"> ● Contraindications <ul style="list-style-type: none"> ○ Diabetes ○ High BP ○ Irregular heart rate ○ Pregnancy category C ○ Lactation ● Monitor therapeutic effectiveness ● Monitor for S/S of tremors, tachycardia, GI symptoms ● Periodic ABGs, pulmonary functions, pulse oximetry ● Give last dose several hours before bedtime

Terbutaline sulfate (Brethaire, Brethine, Bricanyl)	
Classification:	Indication:
<ul style="list-style-type: none"> ● Beta-specific adrenergic agonists ● Bronchodilators/antiasthmatics ● Sympathomimetics 	<ul style="list-style-type: none"> ● Relieves bronchospasm in COPD ● Promotes relaxation of vascular smooth muscle
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> ● CNS: nervousness, tremor, headache, drowsiness, fatigue, seizures ● CV: tachycardia, palpitation ● GI: nausea, vomiting ● Sweating, muscle cramps 	<ul style="list-style-type: none"> ● Contraindications <ul style="list-style-type: none"> ○ Hypersensitivity ○ Severe hypertension and coronary artery disease ○ Pregnancy category B ○ Lactation ● Assess vital signs and baseline pulse/BP before each dose ● Monitor I&O ● Monitor symptoms of hypoglycemia

Rifampin (Rifadin)	
Classification:	Indication:
<ul style="list-style-type: none"> ● Antimycobacterials ● Antituberculosis Drugs ● Antibiotic 	<ul style="list-style-type: none"> ● Treat tuberculosis
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> ● CNS: fatigue, drowsiness, headache, dizziness ● GI: heartburn, epigastric distress, nausea, vomiting, anorexia, flatulence, cramps, diarrhea ● Hematologic: anemia ● Hypersensitivity ● Jaundice, sweat, saliva, tears 	<ul style="list-style-type: none"> ● Contraindications <ul style="list-style-type: none"> ○ Hypersensitivity ○ Meningococcal disease ○ Pregnancy category C ○ Lactation ● Periodic liver function tests ● Report onset of jaundice, hypersensitivity reactions, persistence of GI adverse effects ● Do not interrupt prescribed dosage regimen