

<b>cetirizine (Zyrtec)</b>	
<b>Classification:</b>	<b>Indication:</b>
Antihistamine	Rhinitis, allergy symptoms,
<b>Side effects/ adverse reactions:</b>	<b>Nursing Considerations:</b>
<ul style="list-style-type: none"> <li>• Headache, drowsiness, sedation, restlessness, tremors</li> <li>• Dry mouth, increased LFTs, constipation</li> <li>• Rash, urticaria</li> <li>• Thickening of bronchial secretions, dry nose, throat, pharyngitis</li> </ul>	<p><b>Contraindications:</b> breastfeeding, newborn or premature infants, severe hepatic disease</p> <p><b>Assess:</b> allergy symptoms, respiratory status</p> <p><b>Educate:</b> avoid driving, take at night as drowsiness may occur</p> <p><b>Avoid alcohol, other CNS depressants</b></p>

<b>montelukast(Singular)</b>	
<b>Classification:</b>	<b>Indication:</b>
Bronchodilator	Chronic asthma, seasonal allergic rhinitis, bronchospasm, prophylaxis
<b>Side effects/ adverse reactions:</b>	<b>Nursing Considerations:</b>
<ul style="list-style-type: none"> <li>• Seizures, behavior changes, agitation, anxiety, suicidal ideation, memory impairment</li> <li>• Abdominal pain, NVD</li> <li>• Thrombocytopenia</li> <li>• Rash</li> <li>• Influenza, cough, nasal congestion</li> <li>• Anaphylaxis, angioedema</li> </ul>	<p><b>Contraindications:</b> hypersensitivity</p> <p><b>Assess:</b> respiratory symptoms, behavioral changes</p> <p><b>Educate:</b> not for acute asthma/acute exercise-induced bronchospasm</p>

## fluticasone propionate(Flovent and Flonase)

Classification:	Indication:	
	Prevention of chronic asthma, nasal symptoms of seasonal/perennial, allergic/nonallergic rhinitis	
Side effects/ adverse reactions:	Nursing Considerations:	
<ul style="list-style-type: none"> <li>• Fatigue, fever, headache</li> <li>• Pharyngitis, sinusitis, nasal discharge, epistaxis</li> <li>• NVD, oral candidiasis, abdominal pain</li> <li>• Hyperglycemia, growth retardation in children</li> <li>• Influenza, angioedema, anaphylaxis</li> <li>• Osteoporosis</li> <li>• URI, dyspnea, cough, bronchospasm</li> </ul>	<p>Contraindications: acute bronchospasm</p> <p>Assess: respiratory status</p> <p>Educate: not to use for acute asthmatic attack, rinse mouth after inhaled product to decrease risk of oral candidiasis, how to use</p>	

## ipratropium

Classification:	Indication:	
Anticholinergic, bronchodilator	Bronchospasm, COPD; rhinorrhea (nasal spray)	
Side effects/ adverse reactions:	Nursing Considerations:	
<ul style="list-style-type: none"> <li>• Anxiety, dizziness, headache, nervousness</li> <li>• Palpitation</li> <li>• Dry mouth, blurred vision, nasal congestion</li> <li>• NV, cramps,</li> <li>• Cough, bronchospasms</li> </ul>	<p>Contraindications: hypersensitivity to this product, soybean or peanut products</p> <p>Assess: palpitations, therapeutic response</p> <p>Educate: compliance, how to use equipment properly and take medication as directed, hard candy to relieve dry mouth</p>	

## diphenhydramine (Benadryl)

Classification:	Indication:
Antihistamine	Allergy symptoms, rhinitis, motion sickness, antiparkinsonism, nighttime sedation, nonproductive cough
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"><li>• Dizziness, drowsiness poor coordination, fatigue, anxiety, seizures</li><li>• Hypotension, palpitations</li><li>• Nausea, diarrhea, anorexia</li><li>• Retention, dysuria, frequency</li><li>• Thrombocytopenia</li><li>• Anaphylaxis</li><li>• Increased thick secretions, wheezing, chest tightness</li></ul>	Contraindications: neonates  Assess: urinary retention, CBC during long term therapy, respiratory status Educate: avoid CNS depressants, use hard candy & frequent rinsing of mouth for dryness

## guaifenesin (Mucinex, Robitussin, Vicks Dayquil)

Classification:	Indication:
Expectorant	Productive and nonproductive cough
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"><li>• Drowsiness, headache, dizziness</li><li>• NVD, anorexia</li></ul>	Contraindications: chronic, persistent cough  Assess: cough - type, frequency, character, sputum Educate: increase fluids 2L/day

## epinephrine (Epipen)

<b>Classification:</b>	<b>Indication:</b>	
Bronchodilator Vasopressor	Acute asthmatic attacks, hemostasis, bronchospasms, allergic reactions	
<b>Side effects/ adverse reactions:</b>	<b>Nursing Considerations:</b>	
<ul style="list-style-type: none"> <li>• Tremors, anxiety, insomnia, headache, dizziness, confusion, hallucinations,</li> <li>• Palpitations, tachycardia, HTN</li> <li>• Anorexia, nausea, vomiting</li> <li>• Sweating</li> <li>• Dyspnea</li> <li>• Hypoglycemia</li> </ul>	<b>Contraindications:</b> sulfites  <b>Asses:</b> VS, monitor pulmonary function studies before and after treatment, injection site  <b>Educate:</b> rinse mouth after use to prevent dryness after inhalation, take exactly as prescribed, maintain adequate fluid intake (2-3L/day)	

### **albuterol sulfate**

<b>Classification:</b>	<b>Indication:</b>	
Bronchodilator	Prevention of exercise-induced asthma, acute bronchospasm, bronchitis, emphysema	
<b>Side effects/ adverse reactions:</b>	<b>Nursing Considerations:</b>	
<ul style="list-style-type: none"> <li>• Tremors, anxiety, insomnia, hallucinations</li> <li>• Palpitations tachycardia, angina</li> <li>• Dry nose, irritation of nose and throat</li> <li>• Heartburn, NV</li> <li>• Metabolic acidosis</li> <li>• Muscle cramps</li> <li>• Cough, wheezing, dry throat</li> </ul>	<b>Contraindications:</b> hypersensitivity to sympathomimetics  <b>Assess:</b> respiratory function, patient's ability to self-medicate  <b>Educate:</b> use of inhaler	

### **terbutaline sulfate(Marex)**

<b>Classification:</b>	<b>Indication:</b>	
------------------------	--------------------	--

Bronchodilator	Bronchospasm
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> <li>• Tremors, anxiety, insomnia,</li> <li>• Cardiac arrest, HTN, tachycardia</li> <li>• NV</li> <li>• Hypokalemia, hyperglycemia</li> <li>• Dyspnea</li> </ul>	<p>Contraindications: tachydysrhythmias</p> <p>Assess: respiratory function</p> <p>Educate: increase fluids 2L/day</p>

<b>rifampin(Rifadin)</b>	
Classification:	Indication:
Antitubercular	Pulmonary TB
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> <li>• Headache, anxiety, confusion</li> <li>• Visual disturbances</li> <li>• NVD, colitis, heartburn, sore mouth and tongue, pancreatitis</li> <li>• Hematuria, acute renal failure</li> <li>• Leukopenia</li> <li>• Flulike symptoms, menstrual disturbances, edema, SOB, anaphylaxis</li> </ul>	<p>Assess: sputum culture, lung sounds, signs of anemia (Hct, Hgb, fatigue)</p> <p>Educate: urine, feces, saliva, sputum, sweat, tears may be colored red-orange</p>