

<b>Captopril (Capoten)</b>	
Classification:	Indication:
<ul style="list-style-type: none"> <li>● Cardiovascular agent</li> <li>● ACE inhibitor</li> </ul>	<ul style="list-style-type: none"> <li>● Hypertension</li> <li>● Heart failure</li> </ul>
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> <li>● Hypersensitivity reactions, skin eruptions</li> <li>● CV: Slight increase in heart rate, dizziness, fainting</li> <li>● GI: weight loss, altered taste sensation</li> <li>● Hematologic: hyperkalemia</li> <li>● Respiratory: cough</li> <li>● Skin: rash</li> </ul>	<ul style="list-style-type: none"> <li>● Contraindications                             <ul style="list-style-type: none"> <li>○ Angioedema, hypersensitivity to captopril or ACE inhibitors; hypotension;</li> <li>○ Pregnancy category D</li> <li>○ Lactation</li> </ul> </li> <li>● Monitor BP closely</li> <li>● Bed rest</li> <li>● Monitor therapeutic effectiveness</li> <li>● Monitor weight and fluid overload</li> </ul>

<b>Losartan (Cozaar)</b>	
Classification:	Indication:
<ul style="list-style-type: none"> <li>● Cardiovascular agent</li> <li>● Angiotensin II receptor antagonist</li> </ul>	<ul style="list-style-type: none"> <li>● Hypertension</li> </ul>
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> <li>● CNS: Dizziness, insomnia, headache</li> <li>● GI: Diarrhea, dyspepsia</li> <li>● MS: Muscle cramps</li> <li>● Resp: Nasal congestion, cough, upper respiratory infection</li> </ul>	<ul style="list-style-type: none"> <li>● Contraindications                             <ul style="list-style-type: none"> <li>○ Hypersensitivity to losartan</li> <li>○ Pregnancy category C (1st trimester), category D (2nd-3rd trimester)</li> <li>○ Lactation</li> </ul> </li> <li>● Monitor BP and heart rate</li> <li>● Notify physician of symptoms of hypotension</li> </ul>

<b>Diltiazem (Cardizem)</b>	
Classification:	Indication:
<ul style="list-style-type: none"> <li>● Cardiovascular agent</li> </ul>	<ul style="list-style-type: none"> <li>● Hypertension</li> </ul>

<ul style="list-style-type: none"> <li>● Calcium channel blocking agent</li> </ul>	<ul style="list-style-type: none"> <li>● Angina</li> <li>● Atrial fibrillation</li> </ul>
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> <li>● CNS: Headache, fatigue, dizziness, drowsiness, nervousness, insomnia, confusion, tremor, gait abnormality</li> <li>● CV: Edema, arrhythmias, CHF, hypotension, palpitations</li> <li>● GI: Nausea, constipation, anorexia, vomiting, diarrhea, weight increase</li> <li>● Skin: Rash</li> </ul>	<ul style="list-style-type: none"> <li>● Contraindications <ul style="list-style-type: none"> <li>○ Hypersensitivity to drug, severe hypotension, bleeding aneurysms</li> <li>○ Pregnancy category C</li> <li>○ Lactation</li> </ul> </li> <li>● Check BP and ECG before therapy</li> <li>● Monitor for headache</li> <li>● Monitor symptoms of CHF</li> <li>● Make position changes slowly</li> <li>● Assist ambulation</li> </ul>

<b>Nitroprusside (Nipride)</b>	
Classification:	Indication:
<ul style="list-style-type: none"> <li>● Cardiovascular agent</li> </ul>	<ul style="list-style-type: none"> <li>● Rapid reduction of BP</li> <li>● Hypotension</li> <li>● Reduce bleeding</li> </ul>
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> <li>● Diaphoresis, apprehension, restlessness, muscle twitching</li> <li>● CV: Profound hypotension, palpitation, bradycardia, tachycardia</li> <li>● GI: Nausea, abdominal pain</li> <li>● CNS: Headache, dizziness</li> <li>● Irritation at infusion site</li> </ul>	<ul style="list-style-type: none"> <li>● Contraindications <ul style="list-style-type: none"> <li>○ Compensatory hypertension, control of hypotension</li> <li>○ Pregnancy category C</li> </ul> </li> <li>● Monitor constantly to titrate IV infusion rate to BP response</li> <li>● Monitor I&amp;O</li> <li>● Keep patient supine to relieve adverse effects</li> </ul>

<b>Atenolol (Apo-Tenolol, Tenormin)</b>	
Classification:	Indication:
<ul style="list-style-type: none"> <li>● Autonomic nervous system agent</li> </ul>	<ul style="list-style-type: none"> <li>● Hypertension</li> <li>● Treatment of stable angina pectoris, MI</li> </ul>
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> <li>● CNS: Dizziness, vertigo, light-</li> </ul>	<ul style="list-style-type: none"> <li>● Contraindications</li> </ul>

<p>headedness, syncope, fatigue or weakness, drowsiness, insomnia, depression</p> <ul style="list-style-type: none"> <li>● CV: Bradycardia, hypotension, CHF, leg pains</li> <li>● GI: Nausea, vomiting, diarrhea</li> <li>● Resp: Dyspnea, bronchospasm</li> <li>● Hypoglycemia</li> </ul>	<ul style="list-style-type: none"> <li>○ Sinus bradycardia, uncompensated heart failure, cardiogenic shock, Raynaud's disease, hypotension, pulmonary edema</li> <li>○ Pregnancy category D</li> </ul> <ul style="list-style-type: none"> <li>● Risk for hypoglycemia to breastfeeding newborns</li> <li>● Monitor apical pulse, BP, respirations, and peripheral circulation</li> <li>● Make position changes slowly</li> </ul>
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<b>Metoprolol (Betaloc, Lopressor)</b>	
<b>Classification:</b>	<b>Indication:</b>
<ul style="list-style-type: none"> <li>● Autonomic nervous system agent</li> </ul>	<ul style="list-style-type: none"> <li>● Hypertension</li> <li>● Angina</li> </ul>
<b>Side effects/ adverse reactions:</b>	<b>Nursing Considerations:</b>
<ul style="list-style-type: none"> <li>● Hypersensitivity (rash, fever, headache, muscle aches, sore throat)</li> <li>● CNS: Dizziness, fatigue, insomnia, mental depression</li> <li>● CV: Bradycardia, palpitation, CHF</li> <li>● GI: Nausea, heartburn, gastric pain, diarrhea, constipation</li> <li>● Skin: Dry skin, eruptions</li> <li>● Dry mouth, mucous membranes</li> <li>● Metabolic: Hypoglycemia</li> <li>● Resp: Shortness of breath</li> </ul>	<ul style="list-style-type: none"> <li>● Contraindications <ul style="list-style-type: none"> <li>○ Cardiogenic shock, sinus bradycardia</li> <li>○ Pregnancy category C</li> <li>○ Lactation</li> </ul> </li> <li>● Take apical pulse and BP before administering drug</li> <li>● Monitor BP, HR, and ECG</li> <li>● Monitor I&amp;O, daily weight</li> <li>● Monitor blood glucose (diabetics) for loss of glycemic control</li> </ul>

<b>Furosemide (Fumide, Lasix)</b>	
<b>Classification:</b>	<b>Indication:</b>
<ul style="list-style-type: none"> <li>● Electrolytic and water balance agent</li> <li>● Loop diuretic</li> </ul>	<ul style="list-style-type: none"> <li>● Treatment of edema</li> <li>● Hypertension</li> <li>● Hypercalcemia</li> </ul>
<b>Side effects/ adverse reactions:</b>	<b>Nursing Considerations:</b>
<ul style="list-style-type: none"> <li>● CV: Postural hypotension, dizziness with excessive diuresis</li> <li>● Metabolic: Hypovolemia, dehydration, elevated BUN</li> <li>● GI: Nausea, vomiting, oral and gastric burning, anorexia, diarrhea,</li> </ul>	<ul style="list-style-type: none"> <li>● Contraindications <ul style="list-style-type: none"> <li>○ Hx of hypersensitivity to furosemide, anuria, increasing oliguria, fluid and electrolyte depletion, hepatic coma</li> <li>○ Pregnancy category C</li> </ul> </li> </ul>

<ul style="list-style-type: none"> <li>● constipation, abdominal cramping</li> <li>● Hematologic: Anemia</li> <li>● Tinnitus, vertigo, blurred vision, hearing loss</li> <li>● Increased perspiration, muscle spasms, weakness, thrombophlebitis</li> </ul>	<ul style="list-style-type: none"> <li>○ Lactation</li> <li>● Monitor BP and vital signs</li> <li>● Monitor signs of hypokalemia <ul style="list-style-type: none"> <li>○ Muscle cramps or weakness</li> </ul> </li> <li>● Take potassium-rich foods</li> <li>● Avoid large amounts of water</li> </ul>
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<b>Norepinephrine (Levarterenol, Noradrenaline)</b>	
Classification:	Indication:
<ul style="list-style-type: none"> <li>● Autonomic nervous system agent</li> </ul>	<ul style="list-style-type: none"> <li>● Restore BP (shock, MI, blood transfusion, drug reactions)</li> <li>● Cardiac arrest</li> </ul>
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> <li>● Restlessness, anxiety, tremors, dizziness, weakness, insomnia, pallor, edema, hemorrhage</li> <li>● CV: Palpitation, hypertension, severe hypertension</li> <li>● GI: Vomiting</li> <li>● Metabolic: Hyperglycemia</li> <li>● CNS: Headache, cerebral hemorrhage</li> <li>● Resp: respiratory difficulty</li> <li>● Blurred vision, photophobia</li> </ul>	<ul style="list-style-type: none"> <li>● Contraindications <ul style="list-style-type: none"> <li>○ Therapy in hypovolemic states, profound hypoxia or hypercarbia</li> <li>○ Pregnancy category D</li> <li>○ Lactation</li> </ul> </li> <li>● Monitor constantly</li> <li>● Take baseline BP and pulse before therapy</li> <li>● Monitor I&amp;O for possible urinary retention and kidney shutdown</li> <li>● Assess for headache, vomiting, chest pain, blurred vision</li> </ul>

<b>Simvastatin (Zocor)</b>	
Classification:	Indication:
<ul style="list-style-type: none"> <li>● Cardiovascular agent</li> </ul>	<ul style="list-style-type: none"> <li>● Hypercholesterolemia</li> <li>● Reduces risk of coronary death and nonfatal MI</li> </ul>
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> <li>● CV: Angina</li> <li>● CNS: Dizziness, headache, vertigo, fatigue, insomnia</li> <li>● GI: Nausea, diarrhea, vomiting, abdominal pain, constipation, heartburn</li> <li>● Fatigue</li> <li>● Resp: Rhinitis, cough</li> </ul>	<ul style="list-style-type: none"> <li>● Contraindications <ul style="list-style-type: none"> <li>○ Hypersensitivity to simvastatin; active liver disease</li> <li>○ Pregnancy category X</li> <li>○ Lactation</li> </ul> </li> <li>● Assess muscle pain, tenderness, weakness</li> <li>● Assess fever</li> <li>● Report signs of bleeding</li> <li>● Monitor cholesterol levels</li> </ul>

<b>Amlodipine (Norvasc)</b>	
<b>Classification:</b>	<b>Indication:</b>
<ul style="list-style-type: none"> <li>● Cardiovascular agent</li> <li>● Calcium channel blocker</li> </ul>	<ul style="list-style-type: none"> <li>● Hypertension</li> <li>● Angina</li> </ul>
<b>Side effects/ adverse reactions:</b>	<b>Nursing Considerations:</b>
<ul style="list-style-type: none"> <li>● CV: Palpitations, bradycardia, chest pain, syncope, postural hypotension</li> <li>● CNS: Light-headedness, fatigue, headache</li> <li>● GI: Abdominal pain, nausea, anorexia, constipation, dysphagia, diarrhea, flatulence, vomiting</li> <li>● Urogenital: Sexual dysfunction, frequency, nocturia</li> <li>● Resp: Dyspnea</li> <li>● Skin: Flushing, rash</li> <li>● Cramps</li> </ul>	<ul style="list-style-type: none"> <li>● Contraindications <ul style="list-style-type: none"> <li>○ hypersensitivity to amlodipine;</li> <li>○ Pregnancy category C</li> <li>○ Lactation</li> </ul> </li> <li>● Monitor BP and heart rate</li> <li>● Monitor for edema or weight gain or swelling</li> <li>● Report postural hypotension</li> <li>● Report SOB, palpitations, nausea, constipation</li> </ul>