

<b>captopril (Capoten, Captopril, Apo-Capto)</b>	
Classification:	Indication:
Antihypertensive	Hypertension, HF, proteinuria, left ventricular dysfunction
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> <li>• Fever, chills</li> <li>• hypotension, tachycardia, angina</li> <li>• loss of taste</li> <li>• dysuria, nocturia, urine frequency, acute reversible renal failure</li> <li>• anemia, thrombocytopenia,</li> <li>• rash</li> <li>• bronchospasm, dyspnea, cough</li> </ul>	<ul style="list-style-type: none"> <li>• Contraindications: breastfeeding, children, hypersensitivity, potassium diuretics, bilateral renal artery stenosis, ACE inhibitors</li> <li>• Assess B/P, Pulse baseline, blood test to check blood dyscrasias, RR, Lung assessment, check jugular venous for distention.</li> </ul>

<b>losartan (Cozaar)</b>	
Classification:	Indication:
Antihypertensive	Hypertension, nephropathy in diabetes type II, proteinuria, stroke, HF (unlabeled)
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> <li>• Dizziness, insomnia, migraine, tremor, confusion</li> <li>• Angina pectoris, 2<sup>nd</sup> degree AV block, cerebrovascular accident, hypotension, MI, dysrhythmias</li> <li>• Blurred vision, conjunctivitis</li> <li>• Diarrhea, dry mouth, vomiting, anorexia</li> <li>• Nocturia, renal failure, UTI, urinary frequency</li> <li>• Anemia, thrombocytopenia</li> <li>• Alopecia, dermatitis, angioedema</li> <li>• Gout, hyperkalemia, hypoglycemia</li> <li>• Pain, stiffness, myalgia</li> <li>• URI, dyspnea, bronchitis</li> <li>• Diabetic vascular disease</li> </ul>	<ul style="list-style-type: none"> <li>• Contraindication: hypersensitivity</li> <li>• Assess B/P, check pulse before and during treatment, baselines of renal and hepatic, electrolytes, check skin turgor, check for s/s for angioedema (face swelling, dyspnea, wheezing), check for HF, check for blood dyscrasias</li> </ul>

<b>diltiazem (Cardizem (CD, LA), Cartia XT, Taztia XT, Tiazac (XC))</b>		
Classification:	Indication:	
Ca Channel Blocker antiarrhythmic class IV antihypertensive	Angina pectoris, hypertension, exercise tolerant, IV arterial fibrillation, paroxysmal supraventricular tachycardia	
Side effects/ adverse reactions:	Nursing Considerations:	
<ul style="list-style-type: none"> <li>• Headache, fatigue, depression, weakness, insomnia, tremor, paresthesia</li> <li>• Dysrhythmia, edema, HF, heart block, bradycardia, hypotension, palpitations</li> <li>• Nausea, diarrhea, increased LFTS</li> <li>• Acute renal failure, polyuria</li> <li>• Rash, photosensitivity, flushing, burning, Steven-Johnson syndrome</li> <li>• Rhinitis, dyspnea, pharyngitis</li> </ul>	<ul style="list-style-type: none"> <li>• Contraindication: sick sinus syndrome, AV heart block, hypotension &lt;90 mm Hg systolic, acute MI, cardiogenic shock</li> <li>• Assess cardiac activity, monitor I&amp;O and daily weight, check for angina and dysrhythmias, check for pregnancy or breastfeeding, check for: rash, fever, fatigue, mouth blisters which is linked to Steven-Johnson syndrome.</li> </ul>	

<b>nitroprusside (Nitropress)</b>		
Classification:	Indication:	
Antihypertensive, vasodilator	Hypertensive urgency, used to decrease bleeding by creating hypotension during surgery, HF, postoperative hypertension (unlabeled uses), mitral regurgitation (unlabeled uses)	
Side effects/ adverse reactions:	Nursing Considerations:	
<ul style="list-style-type: none"> <li>• Dizziness, headache, agitation, twitching, decreased reflexes, restlessness</li> <li>• Bradycardia, ECG changes, tachycardia, hypotension</li> <li>• Nausea, abdominal pain</li> <li>• Pain, irritation at injection site, sweating</li> <li>• Cyanide, thiocyanate toxicity, flushing, hypothyroidism</li> </ul>	<ul style="list-style-type: none"> <li>• Contraindication: Hypersensitivity, hypertension due to aortic coarctation or AV shunting, acute HF, toxic amblyopia, hypothyroidism</li> <li>• Assess electrolytes, CO2, glucose serum, ABGs, CBC, renal and hepatic studies.</li> </ul>	

<b>atenolol (Tenormin)</b>	
Classification:	Indication:
Antihypertension antianginal	Hypertension (mild or moderate), MI, atrial fibrillation, angina pectoris
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> <li>• Insomnia, fatigue, memory loss, hallucinations, lethargy</li> <li>• Hypotension, HF, bradycardia, cold extremities, 2<sup>nd</sup> or 3<sup>rd</sup> degree heart block</li> <li>• Nausea, diarrhea, mesenteric arterial thrombosis, ischemic colitis</li> <li>• Decreases libido</li> <li>• Agranulocytosis, thrombocytopenic purpura</li> <li>• Rash, fever, alopecia</li> <li>• Bronchospasm, dyspnea, wheezing, pulmonary edema</li> </ul>	<ul style="list-style-type: none"> <li>• Contraindications: pregnancy, hypersensitivity to <math>\beta</math>-blockers, HF, cardiogenic shock, bradycardia</li> <li>• Assess I&amp;O, check weight, look out for: Hypertension, Hypotension, and Hypoglycemia</li> </ul>

<b>metoprolol (Lopressor, Nu-Metop, Toprol-XL)</b>	
Classification:	Indication:
Antihypertensive, antianginal	Hypertension, acute MI, angina pectoris,
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> <li>• Insomnia, dizziness, hallucinations, depression</li> <li>• Hypotension, bradycardia, HF, palpitations, dysrhythmias, cardiac arrest, AV block, pulmonary/peripheral edema, chest pain</li> <li>• Sore throat, burning eyes</li> <li>• Nausea, colitis, cramps, diarrhea, dry mouth, hiccups</li> <li>• Impotence</li> </ul>	<ul style="list-style-type: none"> <li>• Contraindication: Hypersensitivity to <math>\beta</math>-blockers, cardiogenic shock, 2<sup>nd</sup> and 3<sup>rd</sup> heart block sinus bradycardia, sick sinus syndrome</li> <li>• Assess for hypertension and angina: ECG during IV treatment, I&amp;O and daily weight check, check for HF, Monitor B/P, only use if needed if pregnant or breastfeeding, educate pt and family when to take medication.</li> </ul>

<ul style="list-style-type: none"> <li>• Agranulocytosis, eosinophilia, thrombocytopenia,</li> <li>• Rash, purpura, alopecia, dry skin, urticaria, pruritus</li> <li>• Bronchospasm, dyspnea, wheezing</li> </ul>	
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<b>furosemide (Lasix)</b>	
Classification:	Indication:
Loop diuretic	Pulmonary edema, edema with HF, hypertension, ascites, hepatic disease, nephrotic syndrome
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> <li>• Headache, fatigue, vertigo, paresthesia</li> <li>• Orthostatic, hypotension, chest pain, ECG changes, circulatory collapse</li> <li>• Hypokalemia, hyponatremia, hypocalcemia, metabolic alkalosis</li> <li>• Hyperglycemia</li> <li>• Nausea, diarrhea, dry mouth, gastric irritation, pancreatitis</li> <li>• Polyuria, renal failure, bladder spasm</li> <li>• Thrombocytopenia, anemia, leukopenia, agranulocytosis, neutropenia</li> </ul>	<ul style="list-style-type: none"> <li>• Contraindications: anuria, pregnancy, diabetes, dehydration, severe renal disease, hypersensitivity, cirrhosis, sulfonamides/thiazide, infants, hypovolemia</li> <li>• Assess for HF: I&amp;Os, hypertension, hypokalemia, hearing, assess lungs (RR, lung sounds, etc.), electrolytes, allergies to sulfonamides/thiazide, rash, pregnancy, should not breastfeed.</li> </ul>

<ul style="list-style-type: none"> <li>• Rash, sweating, purpura, photosensitivity</li> <li>• Cramps, stiffness</li> <li>• Toxic epidermal necrolysis</li> </ul>	
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<b>norepinephrine (Levophed)</b>	
Classification:	Indication:
Adrenergic	Acute hypotension, shock
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> <li>• Headache, anxiety, dizziness, insomnia, tremor, cerebral hemorrhage</li> <li>• Palpitations, tachycardia, hypertension, ectopic beats, angina</li> <li>• Nausea</li> <li>• Decreased urine output</li> <li>• Necrosis, tissue sloughing with extravasation, gangrene</li> <li>• Dyspnea</li> <li>• Anaphylaxis</li> </ul>	<ul style="list-style-type: none"> <li>• Contraindication: Hypersensitivity, hypovolemia, mesenteric thrombosis</li> <li>• Assess I&amp;Os (report if &lt;30ml/hr), ECG during treatment, check for paresthesia and coldness of extremities, peripheral blood flow may decrease</li> </ul>

<b>simvastatin (Zocor)</b>	
Classification:	Indication:
HMG-CoA reductase inhibitor	CAD, high cholesterol
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> <li>• Headache, cognitive impairment</li> <li>• Nausea, constipation, diarrhea, abdominal pain, liver dysfunction, pancreatitis, hyperglycemia</li> <li>• Rash, pruritus</li> </ul>	<ul style="list-style-type: none"> <li>• Contraindication: Pregnancy, breastfeeding, hypersensitivity, active hepatic disease</li> <li>• Assess dietary history, renal and hepatic studies, check for s/s</li> </ul>

<ul style="list-style-type: none"> <li>• Muscle cramps, myalgia, myositis, rhabdomyolysis, myopathy</li> <li>• URIs</li> </ul>	<p>rhabdomyolysis, should not be use if pregnant or breastfeeding.</p>
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<b>amlodipine (Norvasc)</b>	
Classification:	Indication:
Antianginal Antihypertension Ca <sup>+</sup> Channel blocker	Hypertension, variant angina
Side effects/ adverse reactions:	Nursing Considerations:
<ul style="list-style-type: none"> <li>• Headache, fatigue, paresthesia</li> <li>• Peripheral edema, bradycardia, hypotension, chest pain</li> <li>• Nausea, constipation</li> <li>• Polyuria</li> <li>• Rash</li> <li>• Muscle cramps</li> </ul>	<ul style="list-style-type: none"> <li>• Contraindication: hypersensitivity, severe aortic stenosis, severe obstructive CAD</li> <li>• Assess cardiac status, B/P, ECG, RR, crackles, check for signs of angina, check for acute MI (due to possible severe obstructive CAD), check for pregnancy or breastfeeding.</li> </ul>