

Cardiovascular

Angiotensin-converting enzyme (ACE) inhibitors			
Indications for Use:	HTN, CHF, Post-MI		
Mechanism of Action (MOA):	inhibits the conversion of Angiotensin I to angiotensin II.		
Adverse reactions:	dry unproductive cough, dizzy, angioedema, hypotension		
Drug Interactions:	NSAIDS, potassium supplements, certain diuretics, lithium		
Contraindications/cautions:	renal impairment, elderly, pregnancy (not assigned in use but not recommended unless no alternative)		
Comments	full glass of water, with or without food, potassium sparing effect = hyperkalemia, if pregnant stop medication immediately due to fetal morbidity		
Prefix/Suffix	Generic name	Trade name	Individual medicines quick Facts
<i>-pril</i>	ramipril	Altace®	
	enalapril	Vasotec®	
	lisinopril	Zestril®, Prinivil®	
	quinapril	Accupril®	
	benazepril	Lotensin®	
	captopril	Capoten	
Angiotensin II receptor Blockers (ARB)			
Indications for Use:	HTN, CHF, Prevent kidney fail in diabetics or HTN patients		
Mechanism of Action (MOA):	Binds to angiotensin II receptors and blocks vasoconstriction effects of arteries		
Adverse reactions:	angioedema, cough, fatigue, dyspepsia		
Drug Interactions:	lithium, ketoconazole, phenobarbital		
Contraindications/cautions:	pregnancy and renal or hepatic impairments		
Comments	monitor BP, stop taking if pregnant		
Prefix/Suffix	Generic name	Trade name	Individual medicines quick Facts
	candesartan	atacand	

-sartan	irbesartan	Avapro	
	olmesartan	Benicar®	
	losartan	Cozaar®	
	valsartan	Diovan®	
	telmisartan	Micardis	
Beta blockers			
Indications for Use:	HTN, angina, MI		
Mechanism of Action (MOA):	blocks response to bet stimulation reducing heart rate and myocardial contractility		
Adverse reactions:	heart depression, bronchoconstriction, impotence, fatigue, depression, bradycardia		
Drug Interactions:	diuretics, hypoglycemic agents, NSAIDS, CCB		
Contraindications/cautions:	sinus bradycardia, 2nd or 3rd degree AV block, CHF		
Comments	Boxed warning		
Prefix/Suffix	Generic name	Trade name	Individual medicines quick Facts
-olol	acebutolol	Sectral	
	atenolol	Tenormin®	
	carvedilol	Coreg®	
	metoprolol succinate	Toprol XL®	
	metoprolol tartrate	Lopressor®	
	propranolol	Inderal®	
Calcium Channel Blockers			
Indications for Use:	HTN, Angina, Arrhythmias		
Mechanism of Action (MOA):	Inhibits calcium ion from entering vascular muscle and myocardium resulting in relaxation		
Adverse reactions:	Peripheral edema, palpitations, drowsy, HA		
Drug Interactions:	Beta blockers, digitalis, K-depleting meds		
Contraindications/cautions:	Severe CAD, severe aortic stenosis, CHF		
Comments	Avoid alcohol, Nicotine reduces effect of CCB, take with food, taper before d/c		
Prefix/Suffix	Generic name	Trade name	Individual medicines quick Facts
	amlodipine besylate	Norvasc®	
	nifedipine	Procardia®	

<i>-dipine</i>	verapamil	Calan®	
	diltiazem	Cardizem®	
	felodipine	Plendil	
	nicardipine	none	
	diltiazem	Dilacor XR	
Diuretics			
Indications for Use:	Hypertension		
Mechanism of Action (MOA):	removes excess fluid from body		
Adverse reactions:	Hypotension, hypokalemia depending on agent used		
Drug Interactions:	[Thiazide: Digitalis and lithium] [Loop: Digoxin,, NSAIDS, K-sparing diuretics]; [K sparing diuretics: Anticoagulants, ACE, NSAIDs]		
Contraindications/cautions:	Anuria, hepatic coma, electrolyte imbalance		
Comments	take early in day, frequents sips of water or gum chewing help with dry mouth,		
Prefix/Suffix	Generic name	Trade name	Individual medicines quick Facts
<i>-mide/nide</i>	triamterene/hydrochlorothiazide	Dyazide®, Maxzide®	K sparing
	furosemide	Lasix®	Loop, limit sunlight exposure, Diabetics monitor glucose
	spironolactone	Aldactone®	K sparing
	hydrochlorothiazide (hctz)	Microzide®, Esidrix®	Thiazide: limit sunlight exposure
	chlorthalidone	Thalitone	Thiazide: limit sunlight exposure
Combination Agents			
Indications for Use:	Hypertension		
Mechanism of Action (MOA):	varies		
Adverse reactions:	see original drug		
Drug Interactions:	see original drug		
Contraindications/cautions:	electrolyte issues		
Comments			
Prefix/Suffix	Generic name	Trade name	Individual medicines quick Facts
	amlodipine besylate/benazepril	Lotrel®	
	atenolol/chlorthalidone	Tenoretic®	
	propranolol/hctz	Inderide®	

	valsartan/hctz	Diovan HCT®	
	losartan/hctz	Hyzaar®	
	telmisartan/hctz	Micardis HCT	
	lisinopril/hctz	Zestoretic®	
CNS agents			
Indications for Use:	Hypertension		
Mechanism of Action (MOA):	Stimulate alpha 2 responses results in decreased HR, CO, peripheral resistance		
Adverse reactions:	drowsy, fatigue, depression, fluid retention		
Drug Interactions:	Beta blockers, TCA		
Contraindications/cautions:	Avoid abrupt withdrawal, CVD, CAD (severe)		
Comments	take with or without food, D/C should be tapered		
Prefix/Suffix	Generic name	Trade name	Individual medicines quick Facts
	clonidine	Catapres, Catapres TTS, Kapvay	
Peripherally acting			
Indications for Use:	Hypertension		
Mechanism of Action (MOA):	Blocks alpha stimulation resulting in vasodilation and hypotension		
Adverse reactions:	Difficulty breathing, hypotension, swelling in hands and feet		
Drug Interactions:	NSAIDS		
Contraindications/cautions:	Hypotension, hepatic issues, cataract surgery		
Comments	Monitor BP		
Prefix/Suffix	Generic name	Trade name	Individual medicines quick Facts
	doxazosin	Cardura	
-zosin	prazosin	Minipress	
	terazosin	Hytrin	
Vasodilators			
Indications for Use:	HTN and CHF		
Mechanism of Action (MOA):	reduces arteriole smooth muscle lowering peripheral resistance		
Adverse reactions:	Tachycardia, palpitations, flushing, and HA		
Drug Interactions:	NSAIDS, diuretics, nitrates		
Contraindications/cautions:	CAD, MVR, rheumatic heart ds.		
Comments	Monitor BP		

Prefix/Suffix	Generic name	Trade name	Individual medicines quick Facts
	fenoldopam	Corlopam	
	hydralazine	none	
	minoxidil	none	
Anticoagulants			
Indications for Use:	Stroke prevention, Afib and prevent thromboembolism		
Mechanism of Action (MOA):	prevent proper clot formation while maintaining adequate blood coagulation		
Adverse reactions:	Bleeding, urine may turn red-orange and feces may turn red or black		
Drug Interactions:	NSAIDS, diuretics, oral hypoglycemic agents		
Contraindications/cautions:	Hypersensitivity to pork, active major bleeding, thrombocytopenia		
Comments	Monitor blood clotting: INR, PTT		
Prefix/Suffix	Generic name	Trade name	Individual medicines quick Facts
	aspirin/dipyridamole	Aggrenox®	Contraindications: asthma, NSAIDS
	dabigatran etexilate mesylate	Pradaxa®	
	rivaroxaban	Xarelto®	
-arin	heparin	none	flush solution, Subcut or IV only, high alert medication
			protect from light, avoid foods rich in vitamin K; avoid alcohol, many drug interactions, Mephyton to treat overdose,
	warfarin	Coumadin®	
	enoxaparin	Lovenox®	
Antiplatelet			
Indications for Use:	stroke, MI, angina, CAD		
Mechanism of Action (MOA):	Interferes with reactions that cause platelets to clot		
Adverse reactions:	nausea, dyspepsia, diarrhea, ABD pain		
Drug Interactions:	oral anticoagulants, ACE, diltiazem		
Contraindications/cautions:	active bleeding, GI bleed, intracranial hemorrhage		
Comments	no NSAIDS or ASA, report any signs of bleeding		
Prefix/Suffix	Generic name	Trade name	Individual medicines quick Facts
	aspirin	none	

	clopidogrel	Plavix®	Box warning
	tenecteplase	TNKase	solution
Antiarrhythmic			
Indications for Use:	SVT, V-tach, A-fib, A flutter, some sinus tach		
Mechanism of Action (MOA):	Inhibits sodium channels. Medications can be broken down into smaller classes with more specific MOA.		
Adverse reactions:	dizzy, drowsy, other arrhythmias, see quick facts for more		
Drug Interactions:	See quick facts		
Contraindications/cautions:	See quick facts		
Comments	Take prescribed levels, do NOT skip a dose, no alcohol or nicotine, swallow whole do not crush ER forms, see quick facts for more		
Sub classes	Generic name	Trade name	Individual medicines quick Facts
Sodium Channel Blockers	disopyramide	Norpace, Norpace CR	Adverse: V-fib, long QT, SA, interacts with: TCAs and fluoroquinolones, issues with electrolyte, renal, elderly
	procainamide	none	Adverse: V-fib, long QT, SA, interacts with: TCAs and fluoroquinolones, issues with electrolyte, renal, elderly. take on empty stomach
	quinidine	none	Adverse: V-fib, long QT, SA, interacts with: TCAs and fluoroquinolones, issues with electrolyte, renal, elderly. Do not take with grapefruit juice
	lidocaine	Xylocaine	solution for IV infusion, impaired coordination
	Flecainide	none	additional IFU: Afib and Aflutter, V-fib and SVT, Drug interactions: Cisapride, and some antivirals
	propafenone	none	additional IFU: Afib and Aflutter, V-fib and SVT, Drug interactions: Cisapride, and some antivirals
beta blockers	acebutolol	Sectral	Adverse reactions: rashes and mental confusion, drug interactions: diuretics, NSAIDS and xanthines derivatives
	esmolol	brevibloc	IV solution
	propranolol	none	tab

K channel blockers	amiodarone	Cordarone	Anorexia, bitter taste, paresthesia of hands and feet, drug interactions cardiac glycosides and anticoagulants, contraindication in patients with torsade de pointes V-tach. Avoid grapefruit juice. Avoid prolonged sun exposure
	dofetilide	Tikosyn	Anorexia, bitter taste, paresthesia of hands and feet, drug interactions cardiac glycosides and anticoagulants, contraindication in patients with torsade de pointes V-tach. Avoid grapefruit juice
	dronedarone	Multaq	Anorexia, bitter taste, paresthesia of hands and feet, drug interactions cardiac glycosides and anticoagulants, contraindication in patients with torsade de pointes V-tach. Avoid grapefruit juice
	sotalol	Betapace	Anorexia, bitter taste, paresthesia of hands and feet, drug interactions cardiac glycosides and anticoagulants, contraindication in patients with torsade de pointes V-tach. Avoid grapefruit juice. Take on empty stomach
Calcium blockers	verapamil	Calan, Verelan	for SVT, Adverse reactions: bradycardia, hypotension, heart block, cardiac failure
Cardiac Glycosides			
Indications for Use:	CHF, A-fib, PSVT		
Mechanism of Action (MOA):	increases force of contraction. Stimulates SA node		
Adverse reactions:	Arrhythmias, N/V		
Drug Interactions:	BB, Omeprazole, thiazide, loop diuretics		
Contraindications/cautions:	V-fib, V-tach, and sick sinus syndrome		
Comments	frequent blood tests, monitor kidney function, s/s toxicity seeing blue-green halo, Narrow therapeutic index		
	Generic name	Trade name	Individual medicines quick Facts
	digoxin	Lanoxin®	
Nitrates			
Indications for Use:	Angina, HTN, CHF		

Mechanism of Action (MOA):	relaxes vascular smooth muscle = vessel dilation		
Adverse reactions:	hypotension, bradycardia, and flushing		
Drug Interactions:	BB, verapamil, diltiazem, sildenafil, tadalafil, or vardenafil		
Contraindications/cautions:	Cardiomyopathy, constrictive pericarditis, anemia		
Comments			
Prefix/Suffix	Generic name	Trade name	Individual medicines quick Facts
	isosorbide mononitrate	Imdur®	
	nitroglycerin	Nitrostat®, Nitro-Bid, Nitro-Dur	SL under tongue, dissolve slowly, do not chew, refill before RX runs out, store in glass container @ room temp, away from moisture and heat
	isosorbide dinitrate	Dilatrate-SR	
HMG -CoA Reductase Inhibitors			
Indications for Use:	Lowers cholesterol resulting in lowers risk of angina, heart attack and stroke		
Mechanism of Action (MOA):	Inhibits a substance needed to make cholesterol		
Adverse reactions:	GI upset, muscle pain, HA		
Drug Interactions:	Alcohol, oral anticoagulants, oral contraceptives		
Contraindications/cautions:	Hepatic disease, elevated liver function test, pregnancy and breastfeeding		
Comments	Avoid grapefruit juice, Avoid alcohol, Avoid pregnancy, liver function test q 6 months.		
Prefix/Suffix	Generic name	Trade name	Individual medicines quick Facts
-statin	rosuvastatin	Crestor®	
	atorvastatin	Lipitor®	
	lovastatin	Mevacor®	
	pravastatin	Pravachol®	
	simvastatin	Zocor®	
	amlodipine-atorvastatin	Caduet	
	ezetimibe	Zetia	
	ezetimibe/simvastatin	Vytorin®	
Fibric acid derivatives			

