

Antibiotics (most commonly used)

Class	Drug	Uses	Side Effects	Considerations
Carbapenems -penem	Imipenem (Primaxin)	Resp. infections, UTI's, blood/ skin/ bone infections	GI upset, rash, itching	Do not take with antivirals. Do not use in CNS disorders
Cephalosporins Cef- / Ceph-	Cephalexin (Keflex)	Resp., skin, bone, and ear infections, UTI's	GI upset, dark urine, rash, oral candidiasis	May cause kidney problems, especially if taken with metformin
Fluroquinolones -floxacin'	Ciprofloxacin (Cipro) Levofloxacin (Levaquin)	UTI's, resp./ skin infections, sinusitis, bronchitis	GI upset, dizziness, blurred vision, photosensitivity	May cause peripheral neuropathy, avoid NSAIDs, caffeine, and warfarin
Glycopeptides	Vancomycin (Vancocin)	MRSA, C-diff, resp. infections, septicemia	Dizziness, chills, thrombophlebitis	Monitor kidneys, avoid loop diuretics, require peak and trough levels, ^fluid intake
Macrolides -romycin'	Azithromycin (Zithromax) Erythromycin (E-mycin)	Resp./ ear infections, STI's, UTI's, acne, tonsilitis	Gi upset, photosensitivity, dizziness	May interact with anticoagulants, digoxin, and antacids. Avoid fruit juice
Monobactams -actam	Aztreonam (Azactam)	Severe blood, urinary, lung, skin, and stomach infections	GI upset, HA, blurred vision	Monitor for seizures, superinfection and renal impairment
Nitroimidazoles -idazole	Metronidazole (Flagyl) Fluconazole (Diflucan)	Fungal infections of the skin and mucosa	Gi upset, HA, hypokalemia, tinnitus, dizziness, fatigue	Monitor kidneys/ renal function. No caffeine herbal products, or warfarin
Oxazolidinones -zolid-	Linezolid (Zyvox)	Skin infections, pneumonia	Diarrhea, HA, dizziness, rash, thrombocytopenia	Monitor BP/HR. Can cause peripheral neuropathy and visual disturbances
Penicillin's -cillin	Amoxicillin (Amoxil)	Skin, resp. infections, UTI's	GI upset, dizziness, HA, rash	Decreases effectiveness of contraceptives, avoid fruit juice. Increased bleeding with anticoagulants
Sulfonamides 'Sulfa drugs'	Trimethoprim/ sulfamethoxazole (Bactrim)	UTI's, STI's, otitis media, pneumonia	GI upset, vertigo, depression, photosensitivity	Monitor for anemia/ neutropenia, may cause bleeding/ bruising
Tetracyclines -cycline	Doxycycline (Vibramycin)	UTI's, STI's, acne, resp./ intestinal infections	Gi upset, HA, rash	Take on empty stomach, stay upright, may cause candida infection or blisters

Antidepressants

Class	Drug	Side Effects	Considerations
SSRI's	Citalopram (Celexa) Escitalopram (Lexapro) Fluoxetine (Prozac) Fluvoxamine (Luvox) Paroxetine (Paxil) Sertraline (Zoloft) Vilazodone (Viibryd)	<ul style="list-style-type: none"> ◆ N/V/D ◆ Insomnia/ sedation ◆ Weight gain ◆ Sexual dysfunction 	<ul style="list-style-type: none"> ◆ 1st line therapy in depression/ anxiety ◆ May take 4-6 weeks to reach effectiveness ◆ Do not stop abruptly
SNRI's	Desvenlafaxine (Savella) Duloxetine (Cymbalta) Levomilnacipran (Fetzima) Venlafaxine (Effexor)	<ul style="list-style-type: none"> ◆ Increased BP/ HR ◆ Insomnia/ sedation ◆ Anxiety/ agitation ◆ Dry mouth ◆ Constipation ◆ Dry mouth 	<ul style="list-style-type: none"> ◆ Do not mix with TCA's or MAOI's (can cause serotonin syndrome) ◆ May take 4-6 weeks to reach effectiveness ◆ Do not stop abruptly
TCA's	Amitriptyline (Elavil) Amoxapine (Asendin) Clomipramine (Anafranil) Desipramine (Norpramin) Doxepin (Sinequan) Imipramine (Tofranil) Nortriptyline (Pamelor) Protriptyline (Surmontil)	<ul style="list-style-type: none"> ◆ Blurred vision ◆ Orthostatic hypotension ◆ Tachycardia ◆ Weight gain/ loss ◆ Constipation ◆ Dry mouth 	<ul style="list-style-type: none"> ◆ Cardiotoxic (should not be taken in those with heart conditions) ◆ Lethal in overdose ◆ May take 2-4 weeks to reach effectiveness ◆ Do not stop abruptly
MAOI's	Isocarboxazid (Marplan) Phenelzine (Nardil) Selegiline (Emsam) Tranylcypromine (Parnate)	<ul style="list-style-type: none"> ◆ N/V/D/ constipation ◆ Headache ◆ Insomnia ◆ Dizziness ◆ Dry mouth 	<ul style="list-style-type: none"> ◆ Avoid tyramine – can cause hypertensive crisis (aged meat, cheese, beer/ wine, pickled/ fermented foods, dried/ overripe fruits) ◆ May take 4-6 weeks to reach effectiveness
ATYPICALS	Bupropion (Wellbutrin) Fluoxetine/olanzapine (Symbax) Mirtazapine (Remeron) Trazodone (Oleptro)	<ul style="list-style-type: none"> ◆ Insomnia/ sedation ◆ Dizziness ◆ Weight gain/ loss ◆ Dry mouth 	<ul style="list-style-type: none"> ◆ Avoid bupropion in anorexia, bulimia, and seizures ◆ Mirtazapine may cause ^lipids and weight gain ◆ May take 4-6 weeks to reach effectiveness

Psych Meds

Class	Drug	Uses	Side Effects	Considerations
Antipsychotics	Aripiprazole (Abilify) Clozapine (Clozaril) Olanzapine (Zyprexa) Quetiapine (Seroquel) Risperidone (Risperdal) Ziprasidone (Geodon)	<ul style="list-style-type: none"> Manic depression Schizophrenia Bipolar disorder Irritability Acute psychosis Alzheimer's 	<ul style="list-style-type: none"> Drowsiness Dizziness Weight gain Dry mouth N/V/D/constipation Restlessness 	<ul style="list-style-type: none"> Can cause EPS symptoms CNS depression Orthostatic hypotension May increase risk of DM Beta-blockers increase effects of both drugs Avoid alcohol
Antianxiety	Alprazolam (Xanax) Clonazepam (Klonopin) Diazepam (Valium) Lorazepam (Ativan)	<ul style="list-style-type: none"> Anxiety Panic disorder Alcohol withdrawal Muscle spasms Seizures 	<ul style="list-style-type: none"> Confusion Drowsiness Memory loss Poor coordination GI upset 	<ul style="list-style-type: none"> High risk of dependency Avoid alcohol and other depressants Do not stop abruptly Can cause resp. depression
Hypnotics	Butobarbital (Butisol) Quazepam (Doral) Suvorexant (Belsomra) Triazolam (Halcion) Zolpidem (Ambien)	<ul style="list-style-type: none"> Insomnia Sleep disorders 	<ul style="list-style-type: none"> Hallucinations Dry mouth Rebound insomnia Forgetfulness Dependence Headache Vivid dreams 	<ul style="list-style-type: none"> May be habit forming Can cause resp. depression May cause increased effects in elderly Avoid alcohol and other depressants
Mood Stabilizers	Asenapine (Sycrest) Carbamazepine (Tegretol) Lamotrigine (Lamictal) Lithium (Litarex) Valproate (Depakote)	<ul style="list-style-type: none"> Bipolar disorder Manic depression Mood disorder 	<ul style="list-style-type: none"> Liver & kidney damage Weight gain Sexual dysfunction Hair loss Tremors (hands) Increased urination 	<ul style="list-style-type: none"> Lithium- monitor levels closely & monitor salt intake May increase risk of liver damage Can have teratogenic effects Avoid alcohol
Stimulants	Amphetamine (Adderall) Atomoxetine HCL (Strattera) Dextroamphetamine (Dexedrine) ER Methylphenidate (Concerta) Lisdexamfetamine (Vyvanse) Methylphenidate (Ritalin)	<ul style="list-style-type: none"> ADD ADHD Narcolepsy 	<ul style="list-style-type: none"> Tachycardia Hypertension Insomnia Anxiety/ panic Loss of appetite Bizarre/ erratic behavior Depression 	<ul style="list-style-type: none"> Do not use with MAOI's May decrease effects of warfarin and phenytoin Avoid caffeine Monitor cardiovascular system May cause behavioral changes Can cause sudden death

Cardiac Drugs

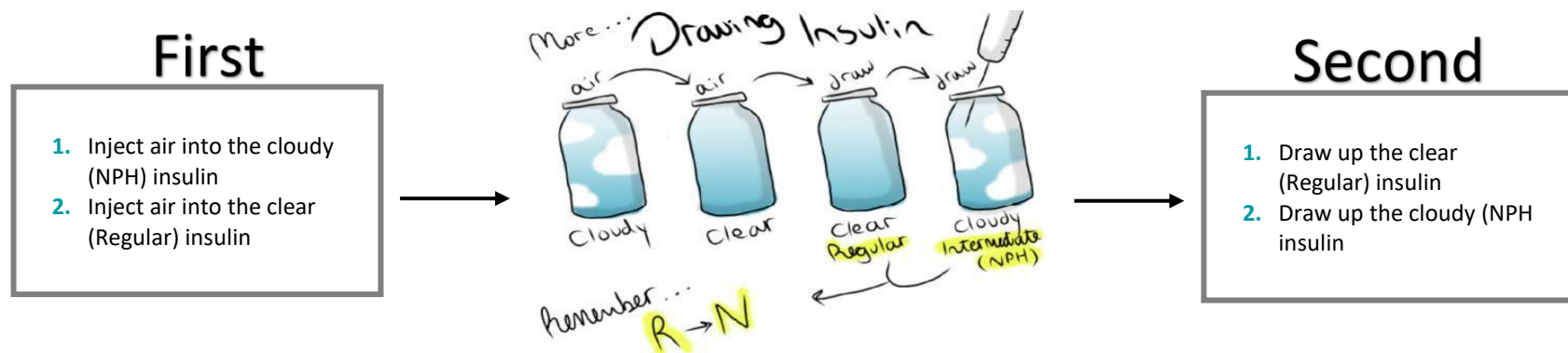
Class	Drug	Uses	Side Effects	Considerations	Extras
Anticoagulants	Apixaban (Eliquis) Dabigatran (Pradaxa) Enoxaparin (Lovenox) Heparin Rivaroxaban (Xarelto) Warfarin (Coumadin)	<ul style="list-style-type: none"> Clot prevention Stroke prevention 	Bleeding/ bruising	<ul style="list-style-type: none"> Report unusual bleeding or bruising 	Warfarin requires therapeutic monitoring
Antiplatelets	Aspirin Clopidogrel (Plavix)	<ul style="list-style-type: none"> MI & stroke Prevent plaque buildup Cardiovascular disease 	Bleeding, bruising, HA, dizziness	<ul style="list-style-type: none"> Report unusual bleeding or bruising 	Avoid OTC's with aspirin
ACE Inhibitors -pril	Lisinopril (Zestril) Ramipril (Altace) Enalapril (Vasotec) Benazepril (Lotensin)	<ul style="list-style-type: none"> Hypertension Heart failure 	Cough, hypotension, dizziness, angioedema, hyperkalemia	<ul style="list-style-type: none"> S/S of ACE cough Monitor BP Orthostatic hypotension Monitor potassium 	Monitor BP & HR before admin. Can cause hyperkalemia
ARB's -artan	Losartan (Cozaar) Valsartan (Diovan)	<ul style="list-style-type: none"> Hypertension Heart failure 	HA, dizziness, respiratory symptoms, edema	<ul style="list-style-type: none"> Monitor BP/HR Avoid foods high in potassium 	Educate on diet & food choices
Beta Blockers -lol	Metoprolol (Lopressor) Atenolol (Tenormin) Propranolol (Inderal) Carvedilol (Coreg)	<ul style="list-style-type: none"> Lower BP Arrhythmias Chest pain MI prevention 	HA, dizziness, dry mouth/ skin/ eyes, cold hands & feet, diarrhea, constipation, sexual dysfunction	<ul style="list-style-type: none"> Monitor BP/HR Monitor for SOB/ wheezing 	Monitor BP & HR before admin. Can cause bronchospasm
Calcium Channel Blockers	Amlodipine (Norvasc) Diltiazem (Cardizem) Amiodarone (Pacerone) Verapamil (Verelan)	<ul style="list-style-type: none"> HTN Chest pain Arrhythmias A-fib 	Constipation, tachycardia, palpitations, dizziness, flushing, rash	<ul style="list-style-type: none"> Monitor BP/HR Monitor for dyspnea Monitor for edema Orthostatic hypotension 	Can cause serious toxicities
Cholesterol Drugs -statin	Atorvastatin (Lipitor) Simvastatin (Zocor) Rosuvastatin (Crestor) Pravastatin (Pravachol)	<ul style="list-style-type: none"> Lower LDL (bad) cholesterol 	N/V/D, constipation, muscle soreness, stomach cramps, HA, dizziness	<ul style="list-style-type: none"> Avoid in severe liver disease Avoid grapefruit juice 	Do not take with calcium channel blockers, warfarin, or certain antibiotics/ antifungals
Digitalis	Digoxin (Lanoxin)	<ul style="list-style-type: none"> Relieves S/S of HF Slows irreg. HR A-fib 	N/V/D, dizziness, hypokalemia	<ul style="list-style-type: none"> Monitor for dig toxicity Monitor for visual changes Bradycardia 	Monitor BP & HR before admin. Monitor dig levels regularly
Vasodilators	Isosorbide (Imdur) Hydralazine (Apresoline) Nitroglycerin (Nitro)	<ul style="list-style-type: none"> HTN Chest pain (angina) CAD 	HA, tachycardia, palpitations, N/V	<ul style="list-style-type: none"> Monitor BP/HR Monitor for HA Monitor urine output 	DO NOT take Nitro with sildenafil (Viagra) can cause fatal interaction. Stop 24-48hr before taking Nitro

Diuretics

Class	Drug	Uses	Side Effects	Considerations
Loop	Furosemide (Lasix) Torsemide (Demadex) Bumetanide (Bumex)	<ul style="list-style-type: none"> ◆ Hypertension ◆ CHF ◆ Edema 	<ul style="list-style-type: none"> ◆ Hyponatremia ◆ Hypokalemia ◆ Dizziness/ dehydration ◆ GI upset 	<ul style="list-style-type: none"> ◆ Limit sodium intake ◆ Monitor weight ◆ Monitor BP ◆ May cause orthostatic hypotension ◆ Monitor edema ◆ Will have ↑urine output
Thiazide	Chlorthalidone (Chlorthalid) Hydrochlorothiazide (Microzide) Indapamide (Lozol)	<ul style="list-style-type: none"> ◆ Hypertension ◆ Heart failure ◆ Increase urine output 	<ul style="list-style-type: none"> ◆ Dizziness/ weakness ◆ Blurred vision ◆ Loss of appetite ◆ Itching ◆ GI upset ◆ HA 	<ul style="list-style-type: none"> ◆ Monitor for hypotension ◆ Do not take if have hx of gout ◆ Avoid in renal failure ◆ Avoid if on Lithium ◆ May cause sulfa allergy
Potassium Sparing	Spironolactone (Aldactone) Triamterene (Dyrenium) Eplerenone (Inspra) Amiloride (Midamor)	<ul style="list-style-type: none"> ◆ Prevent hypokalemia in diuretic use ◆ Heart failure 	<ul style="list-style-type: none"> ◆ Hypo/ hyperkalemia ◆ Hyponatremia ◆ Increased blood sugar ◆ Muscle cramps ◆ Dizziness/ weakness ◆ HA 	<ul style="list-style-type: none"> ◆ Do not use with sulfonamides ◆ Use caution in liver disease ◆ For use in combination with other diuretics ◆ Monitor for orthostatic hypotension

Insulin Guide

Insulin	Onset	Peak	Duration	Side Effects	Considerations
Rapid-acting					
Lispro (Humalog)	15-30 min	1-2 hours	3-6 hours	Weight gain, edema, hypoglycemia, sweating, confusion, dizziness, tachycardia	<ul style="list-style-type: none"> ◆ Can cause hypokalemia ◆ Monitor for muscle cramps, weakness, irregular heartbeat
Aspart (Novolog)	15-30 min	1-2 hours	3-6 hours		
Glulisine (Apidra)	15-30 min	1-2 hours	3-6 hours		
Short-acting					
Regular	30-60 min	2-4 hours	3-6 hours	Sweating, dizziness, hunger, tachycardia, blurred vision	<ul style="list-style-type: none"> ◆ Ensure vial is mixed well ◆ Monitor BS levels
Intermediate-acting					
NPH	2-4 hours	8-10 hours	10-18 hours	Sweating, dizziness, hunger, tachycardia, blurred vision	<ul style="list-style-type: none"> ◆ Ensure vial is mixed well ◆ Monitor BS levels
Long-acting					
Glargine (Lantus)	1-2 hours	None	19-24 hours	Hunger, nervousness, edema, weight gain	<ul style="list-style-type: none"> ◆ Do not mix with other insulins ◆ Avoid alcohol
Detemir (Levemir)	1-2 hours	None	19-24 hours	Flu-like symptoms, edema, HA, stomach pain	<ul style="list-style-type: none"> ◆ Do not mix with other insulins ◆ Avoid alcohol



Respiratory Meds

Class	Drug	Uses	Side Effects	Considerations
Antihistamines	Fexofenadine (Allegra) Cetirizine (Zyrtec) Diphenhydramine (Benadryl) Loratadine (Claritin)	<ul style="list-style-type: none"> ♦ Inflammation ♦ Allergies ♦ Drug reactions ♦ Cold/flu 	Drowsiness, dry mouth, blurred vision, hypotension, tachycardia, difficulty urinating, constipation, mucous thickening in airways	<ul style="list-style-type: none"> ♦ Avoid alcohol/ CNS depressants ♦ With Fexofenadine avoid erythromycin/ ketoconazole ♦ Take antacids 2-3hr before these meds ♦ Monitor for urinary retention
Antitussives	Dextromethorphan (Robitussin) Benzonatate (Tessalon)	<ul style="list-style-type: none"> ♦ Cough ♦ Cold symptoms 	N/V, shakiness, decreased respirations, nervousness, irritability, blurred vision, difficulty urinating	<ul style="list-style-type: none"> ♦ Do not use in head injury/ impaired CNS ♦ Avoid in those with hx of narcotic addiction ♦ Do not use longer than 1 week
Bronchodilators	Albuterol (Proair/ Ventolin) Levalbuterol (Xopenex) Epinephrine Formoterol (Preformist) Ipratropium (Atrovent) Tiotropium (Spiriva) Theophylline (Theo 24)	<ul style="list-style-type: none"> ♦ Asthma ♦ COPD/ emphysema ♦ Allergic reactions ♦ Cough/congestion 	Tachycardia, dry mouth, muscle pain, cough, insomnia, dizziness, palpitations, HTN, blurred vision, anxiety, confusion	<ul style="list-style-type: none"> ♦ Avoid in HTN, CAD, hx of CVA ♦ Use caution in DM, can cause ketoacidosis ♦ Avoid caffeine ♦ Theophylline can cause CNS toxicity ♦ Do not use in cerebrovascular disease
Corticosteroids	Budesonide (Pulmicort) Beclomethasone (Qvar) Fluticasone (Flovent)	<ul style="list-style-type: none"> ♦ Asthma ♦ COPD ♦ Pneumonia ♦ Allergic reaction ♦ Cystic fibrosis ♦ ARDS 	Redistribution of body fat (moon face/ buffalo hump), hyperglycemia, fluid retention, HTN, hypokalemia, GI bleed	<ul style="list-style-type: none"> ♦ Avoid grapefruit juice ♦ Can cause muscle wasting and osteoporosis in long term use ♦ Do not stop abruptly ♦ Rinse mouth after inhaled use
Decongestants	Pseudoephedrine (Sudafed) Phenylephrine (Sudogest PE)	<ul style="list-style-type: none"> ♦ Cold/ allergies ♦ Rhinitis ♦ Sinus congestion 	Dizziness, headache, nervousness, tremors, tachycardia, insomnia, irritability	<ul style="list-style-type: none"> ♦ Do not use longer than 3-5 days (can cause rebound congestion) ♦ Avoid in HTN, CAD, glaucoma ♦ Do not mix with other OTC cold/ flu/ allergy products
Expectorants	Guaifenesin (Mucinex) Potassium iodide (iOSTAT)	<ul style="list-style-type: none"> ♦ Asthma ♦ Chronic bronchitis ♦ COPD ♦ Cold/flu 	Excessive salivation, GI upset, irregular heartbeat, numbness/ tingling of hands and feet, skin sores, sore gums	<ul style="list-style-type: none"> ♦ Use caution in elderly & renal disease ♦ Potassium iodide can cause hypothyroidism in children ♦ Do not use more than 1 week in colds/flu
Leukotriene modifiers	Montelukast (Singulair)	<ul style="list-style-type: none"> ♦ Asthma ♦ Allergies ♦ Rhinitis 	Dry mouth, hoarseness, body aches, fever, drowsiness, tender/ swollen neck glands, trouble swallowing, stuffy/ runny nose	<ul style="list-style-type: none"> ♦ Can cause neuromuscular problems/ affect gait ♦ Monitor liver function/ avoid in liver disease ♦ Take at same time daily/ do not stop abruptly
Mucolytics	Acetylcysteine (Mucomyst)	<ul style="list-style-type: none"> ♦ COPD/ emphysema ♦ Respiratory infections ♦ Chronic bronchitis ♦ Colds 	Increased cough, N/V, mouth sores, fever, runny nose, sweating, drowsiness	<ul style="list-style-type: none"> ♦ Do not use in acute bronchospasm ♦ Use caution in those with PUD/ esophageal varices ♦ Do not mix with other drugs in nebulizer
Selective phosphodiesterase-4 inhibitors	Roflumilast (Daliresp)	<ul style="list-style-type: none"> ♦ COPD 	N/V/D, weight loss, HA, dizziness, insomnia, tremors, irregular heartbeat	<ul style="list-style-type: none"> ♦ Monitor for increased depression/ suicidal ideations/ mental status changes ♦ Monitor for muscle spasms/ tremor/ abnormal gait ♦ Monitor weight regularly