

Current Clinical Strategies

Physicians' Drug Manual

2003 Edition

- Dosages, Side Effects, Drug Interactions, and Newly Approved Drugs
- Updated and Revised

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Current Clinical Strategies Publishing

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Therapeutic Category Listing

Upper case lettering indicates combination drugs

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Individual Drug Preparations

Drug	Category	Dosage Forms	Dosage, Side Effects, Interactions, and Comments
Abacavir (Ziagen)	Antiretroviral	Tab: 300 mg Oral soln: 20 mg/mL	300 mg bid in combination with other antiretroviral agents. Fatal hypersensitivity reactions, lactic acidosis.
Abciximab (ReoPro)	Antiplatelet agent	Inj: 5 mg/10 mL	0.25mg/kg IVP, then 0.125 mcg/kg/min (max 10 mcg/min) for 12 hrs. Thrombocytopenia; possible anaphylaxis on re-exposure in 1 year.
Acarbose (Precose)	Hypoglycemic	Tab: 50, 100 mg	Initially 25 mg (½ tab) tid, then 50-100 mg tid with first bite of each meal. Delays carbohydrate absorption, modestly reduces glucose. Flatulence, bloating, diarrhea common.
Acebutolol (Sectral)	Antiarrhythmic Antihypertensive	Cap: 200, 400 mg	200 mg bid, increase up to 600 mg bid; cardioselective, intrinsic beta-activity; less bradycardia at rest
Acetaminophen (Tylenol)	Analgesic Antipyretic	Tab, cap: 160, 325, 500, 650 mg Elixir: 325 mg/5 mL, 160 mg/5 mL, 120 mg/5 mL Suppository: 120, 125, 325, 650 mg	325-650 mg (1-2 tab) tid-qid; overdose causes hepatotoxicity, renal failure
Acetylcysteine (Mucomyst)	Antidote	Soln: 10, 20%	Acetaminophen overdose: Initially 140 mg/kg, then 70 mg/kg q4h orally x 17 doses. All 17 doses must be given, even if acetaminophen levels have declined to non-toxic range.
Acitretin (Soriatane)	Antipsoriatic	Cap: 10, 25 mg	25-50 mg qd, full benefit in 2-3 months. Mandatory contraception, teratogenic, avoid alcohol and UV light exposure.

Acyclovir (Zovirax)	Antiviral	Tab: 400, 800 mg Cap: 200 mg Vial: 500, 1000 mg Susp: 200 mg/5 mL	<p>Herpes Simplex: Initial infection: 200 mg five times a day or 400 mg tid for 10 days or Recurrent infection: 400 mg tid or 800 mg bid for 5 days Severe infections or immunosuppressed: 5 mg/kg IV q8h for 5-7 days Suppressive therapy: 400 mg bid. Gastrointestinal upset.</p> <p>Herpes varicella/zoster: Immunocompetent patients: 800 mg q4h (5 times a day) for 7 days Severely immunosuppressed or ophthalmic zoster: 10 mg/kg IV over 1 hour q8h; keep patient well-hydrated; lethargy, confusion, tremor. May cause meperidine toxicity.</p> <p>Encephalitis: 10 mg/kg IV over 1 hour, q8h x 14 days Adjust dose in renal failure, headache, rash. Apply to lesion 6 times daily x 7 days Apply qhs after washing; photosensitizing; contraception mandatory; teratogenic 6 mg IV push, then 12 mg x 2 doses; max 30 mg; theophylline and methylxanthines antagonize its effect</p>
Adapalene (Differin)	Anti-acne	Oint: 5% (3, 5 gm) Topical gel: 0.1% [15, 45 gm]	Apply to lesion 6 times daily x 7 days Apply qhs after washing; photosensitizing; contraception mandatory; teratogenic
Adenosine (Adenocard)	Antiarrhythmic	Vial: 2 mL	6 mg IV push, then 12 mg x 2 doses; max 30 mg; theophylline and methylxanthines antagonize its effect
Albumin (Albuminar)	Plasma expander	Soln: 25% [50, 100 mL] 5% [250, 500 mL]	50-100 mL of 25% soln IV, increases plasma oncotic pressure. 250-500 mL of 5% soln IV; contains 130-160 mEq sodium per liter
Albuterol (Proventil, Ventolin,	Bronchodilator	Inhaler: [17 gm] Soln: 0.5% Repetabs: 4 mg Tab: 2, 4 mg Tab ER: 4, 8 mg	1-2 puffs bid-qid prn 0.5 mL in 2.5 mL NS q4-8h prn by nebulizer 4-8 mg sustained release tab bid 2-4 mg tid-qid; cardiac side effects, insomnia, anxiety. 1-2 tab bid.
Volmax)			

Drug	Category	Dosage Forms	Dosage, Side Effects, Interactions, and Comments
Alendronate (Fosamax)	Anti-osteoporotic Bone stabilizer	Tab: 5, 10, 35, 40, 70 mg	Osteoporosis in post-menopausal women: Treatment: 10 mg qd, or 70 mg weekly Prevention: 5 mg qd, or 35 mg weekly Osteoporosis in men: 10 mg qd Paget's disease: 40 mg qd x 6 months
Allopurinol (Zyloprim)	Antigout	Tab: 100, 300 mg Inj: 500 mg/vial	100-300 mg PO/IV qd; max 600 mg PO/IV qd. Rash, GI upset, hepatitis, marrow suppression.
Alprazolam (Xanax)	Anxiolytic	Tab: 0.25, 0.5, 1, 2 mg Soln: 0.5, 1 mg/mL	0.25-0.5 mg tid; max 4 mg/day; decrease dosage in elderly; short acting, addictive
Aluminum acetate (PhosLo)	Phosphate binder	Tab: 667	1-3 tabs prior to meals. Binds to intestinal phosphate
Aluminum carbonate (Basaljel)	Antacid Phosphate binder	Tab and cap: 500 mg Susp: 400 mg/mL	1-2 tab or cap or 5-10 mL tid-qid
Aluminum hydroxide (Amphojel, Alu-cap, Alu-tab)	Antacid Phosphate binder	Tab: 300, 600 mg Cap: 475 mg Tab: 600 mg Susp: 320 mg/5 mL	1 tab tid-qid; may cause constipation 3 cap tid prior to meals 3 tab tid 15-30 mL tid-qid prn
Amantadine (Symmetrel)	Antiparkinsonian Antiviral	Cap: 100 mg Syr: 50 mg/5 mL	200 mg qd or 100 mg bid; 100 mg qd in elderly; reduce in renal insufficiency. Confusion, anorexia, peripheral edema. Effective against influenza A.
Amcinonide (Cyclocort)	Topical corticosteroid	Cr: 0.1% [15, 30, 60 g] Lotion, oint: 0.1%	Apply to affected area(s) bid-tid
Amikacin (Amikin)	Antibiotic	Inj: 100, 500 mg/2 mL	7.5 mg/kg IV loading dose; then 5 mg/kg IV q8h; monitor serum levels. Nephrotoxic, ototoxic.
Aminophylline	Bronchodilator	Tab: 100, 200 mg Inj: 25 mg/mL	100-200 qid IV loading dose: 5.6 mg/kg (total weight) IV over 20-30 min, then 0.3-0.9 mg/kg/h (ideal weight) IV infusion

Amiodarone (Cordarone)	Antiarrhythmic Class III	Tab: 200 mg	PO loading dose: 400 mg tid x 15-30 days, then 200-400 mg qd (5-10 mg/kg); pneumonitis when dose >400 mg/d; elevation of digoxin level, prolongation of prothrombin time (70-100%) with warfarin; pulmonary fibrosis, hepatitis, ocular opacities; proarrhythmic; monitor thyroid function, liver function tests
		Inj: 150 mg/3 mL amp	150 mg IV over 10 min, then 1 mg/min for 6 hrs, then 0.5 mg/min IV infusion(900 mg in 500 mL D5W).
Amitriptyline (Elavil, Endep)	Antidepressant	Tab: 10, 25, 50, 75, 100, 150 mg	50 mg qhs-bid, increase dose to 300 mg/d; may be given in single bedtime dose. Elderly: 10 mg tid; strong anticholinergic; urinary retention, sedation; serum levels may be monitored.
		Inj: 10 mg/mL	20-30 mg IM q6-8h
Amlodipine (Norvasc)	Calcium-blocker	Tab: 2.5, 5, 10 mg	2.5-10 mg qd
Amoxapine (Asendin)	Antidepressant	Tab: 25, 50, 100, 150 mg	50-100 mg bid-tid; max 400 mg/day; reduce dosage in elderly
Amoxicillin (Amoxil)	Antibiotic	Tab: 500, 875 mg Cap: 250, 500 mg	500-875 mg bid 250-500 mg q8h
Amphotericin B (Fungizone)	Antifungal	Inj powd:: 50 mg	Test dose of 1 mg over 60 min, gradually increase to 0.7 to 1 mg/kg/d in 500 mL of D5W over 4h for immunocompromised patients; 0.6-0.7 mg/kg/d for immunocompetent patients; monitor renal function, serum K and Mg.
		Susp: 100 mg/mL (24 mL)	100 mg po qid. Oral candidiasis; no systemic effect.
		Cream: 3% [20 gm] Lotion: 3% [30 mL] Oint: 3% [20 gm]	Apply liberally to affected area bid-qid.

Drug	Category	Dosage Forms	Dosage, Side Effects, Interactions, and Comments
Amphotericin B, lipid-based (Abelcet, Amphotec, AmBisome)	Antifungal	Inj: 100 mg/20 mL Inj: 50 mg/vial Inj: 50 mg/vial	Systemic: 5 mg/Kg/day infuse over 2 hours. Lipid-based amphotericin B is less nephrotoxic. Systemic: 3-4 mg/Kg/day infuse over 3-4 hours. Systemic: 3-5 mg/Kg/day infuse over 2 hours. Cryptococcal meningitis: 6 mg/Kg/day infuse over 2 hours.
Amphotericin B Liposomal (Abelcet)	Antifungal	Susp for inj: 5 mg/mL [20 mL/vial]	Dosage: 5 mg/kg IV qd over 2 hours; use in patients who are refractory to or intolerant to conventional amphotericin B. Less nephrotoxic; more expensive than amphotericin B.
Ampicillin (Omnipen, Principen)	Antibiotic	Inj: 125, 250, 500 mg Cap: 250, 500 mg	0.5-2 gm IV q4-6h 125-500 mg qid
Amprenavir (Agenerase)	Antiretroviral	Cap: 50, 150 mg Soln: 15 mg/mL	1200 mg bid. Diarrhea, rash, paraesthesias. Use with cisapride, diltiazem, amiodarone, or quinidine is contraindicated.
Anakinra (Kineret)	Antirheumatic	Inj: 100 mg	100 mg SC qd. Injection site reaction common
Anistreplase (Eminase)	Thrombolytic	Vial: 30 U	Myocardial Infarction: 30 U IV over 2 min; pre-hospital use
Ardeparin (Normiflo)	Anticoagulant LMW Heparin	Inj: 5000, 10,000 U	Prophylaxis: 50 U/kg SC q12h
Argatroban (Acova)	Anticoagulant	Inj: 250 mg/2.5mL	2 mcg/kg/min IV infusion (250 mg in 250 mL NS or D5W). Direct thrombin inhibitor for use in venous thrombosis. Hypotension, fever. No antidote available.
Aspirin (Bayer, Ecotrin, Easprin, Halfprin)	NSAID	Tab: 325 mg, 975 mg Tab SR: 800 mg Tab: 81, 165 mg	Analgesia: 325-650 mg qd-qid; max 12 tab day; may cause GI upset, peptic ulcer, bleeding Antiplatelet: One tab qd
Atenolol (Tenormin)	Beta-blocker Antianginal	Tab: 25, 50, 100 mg Amps: 5 mg/10 mL	25-100 mg qd; contraindicated in heart failure, asthma, diabetes. Supraventricular tachycardia: 5-10 mg IV.
Atorvastatin (Lipitor)	Antihyperlipidemic	Tab: 10, 20, 40 mg	10 mg qhs then up to 80 mg qd. Lowers LDL and triglycerides.

Atovaquone (Mepron)	Antiprotozoal	Susp: 750 mg/5 mL	PCP prevention: 1500 mg po qd with food. PCP treatment: 750 mg po bid with food x 21 days 0.4-0.5 mg/kg IV push, then 0.08-0.1 mg/kg/hr.
Atracurium (Tracrium)	Neuromuscular blocker	Inj: 10 mg/mL	
Atropine	Anticholinergic	Inj: 1 mg/mL, 1 mg/10 mL	Bradycardia or asystole: 0.5 mg IV, repeat q5min, max 3 mg
Auranofin (Ridaura)	Antirheumatic	Cap: 3 mg	6 mg qd or 3 mg bid
Azatadine (Optimine)	Antihistamine	Tab: 1 mg	1-2 mg bid
Azathioprine (Imuran)	Immunosuppressive	Tab: 50 mg Inj: 100 mg	1-2 mg/kg/d PO/IM in divided doses; max 2.5 mg/kg/d; GI intolerance, monitor blood count
Azelaic acid (Azelex)	Anti-acne	Cream: 20% [30 gm]	Apply to affected areas bid. Less irritating than tretinoin; equal efficacy, but more expensive
Azelastine (Astelin)	Antihistamine, Antiallergic	Nasal spray: 17 mg/bottle [2 bottle pack]	2 sprays per nostril bid. Bitter taste.
Azithromycin (Zithromax)	Antibiotic	Cap: 250 mg [6 pack] Tab: 600 mg Susp: 100, 200 mg/5 mL Inj: 500 mg	500 mg x 1, then 250 mg qd x 4 days; increases theophylline levels. Prolongation of QT if taken with astemizole. Mycoplasma avium complex prophylaxis: 1200 mg once weekly Chlamydia: 1 gm PO once 500 mg IV q24h x 10-14 days; monotherapy for community-acquired pneumonia and pelvic inflammatory disease.
Aztreonam (Azactam)	Antibiotic	Vial: 0.5, 1, 2 gm	1-2 gm IV q6-8h; max 8 g/day; Gram negative bacilli only
Bacitracin (Bacitracin)	Antibiotic	Ophth oint: 500 U/g [1, 3.5 gm] Oint topical: 500 U/g [1, 15, 30 gm]	Apply to affected area(s) qd-qid Apply to affected area(s) qd-qid prn
Baclofen (Lioresal)	Muscle relaxant	Tab: 10, 20 mg	10 mg tid, increase to a max of 80 mg/day
Balsalazide (Colazal)	Ulcerative colitis	Cap: 750 mg	3 caps tid x 8 weeks. Headache, abdominal pain.

Drug	Category	Dosage Forms	Dosage, Side Effects, Interactions, and Comments
Beclomethasone Dipropionate (Beclivent, Beconase, Beconase AQ)	Corticosteroid	Aerosol: [16.8 gm] Nasal aerosol: [16.8 gm] Aqueous nasal spray: 0.042% [25 gm]	Two puffs tid-qid; oral thrush. One spray in each nostril bid-qid One spray in each nostril bid-qid
Benazepril (Lotensin)	ACE-inhibitor	Tab: 5, 10, 20, 40 mg	10-20 mg qd-bid; increase to 20-40 mg qd; max 80 mg/day; orthostatic hypotension, cough; hyperkalemia in renal failure.
Benzonatate (Tessalon)	Antitussive	Cap: 100, 200 mg	100-200 mg tid. Headache, dizziness, confusion.
Benzoyl peroxide	Anti-acne	Lotion: 5, 10% Liq: 5, 10% Gel: 2.5, 5, 10%	Apply to affected area(s) qd-bid; 10% is more irritating, but not more effective than 5%.
Benztropine (Cogentin)	Anticholinergic	Tab: 0.5, 1, 2 mg; inj: 1 mg/mL	Extrapyramidal symptoms: 1-2 mg IV/PO bid prn
Bepidil (Vascor)	Antianginal	Tab: 200, 300, 400 mg	Initially: 200 mg qd, max 400 mg qd; for unstable angina only; proarrhythmic, agranulocytosis.
Betamethasone (Celestone)	Corticosteroid	Tab: 0.6 mg	0.6-7.2 mg qd.
Betamethasone dipropionate augmented (Diprolene, Diprolene AF)	Corticosteroid	Gel, oint: 0.05% [15, 45 gm] Lotion: 0.05% [30, 60 mL] Cr: 0.05%	Apply to affected area(s) bid-qid
Betamethasone dipropionate (Diprolene, Diprosone, Maxivate)	Corticosteroid	Oint, Cr, lotion: 0.05% [15, 45 gm] Oint, lotion, aerosol: 0.1% [15, 45 gm]	Apply to affected area(s) qd-bid Apply to affected area(s) qd-tid

Betamethasone valerate (Valisone)	Corticosteroid	Cr, oint : 0.1% [15, 45 gm] Lotion: 0.1% [60 mL]	Apply to affected area(s) qd-tid
Betaxolol (Kerlone, Betoptic, Betoptic S)	Beta-blocker Antiglaucoma	Tab: 10, 20 mg Ophth soln: 0.5, 0.25% [2.5, 5, 10, 15 mL]	Initially: 10-20 mg qd, increase prn to a max of 40 mg qd. Elderly: Start with 5 mg qd. 1 drop in each eye bid; may cause bradycardia.
Bethanechol (Urecholine)	GI stimulant	Tab: 5, 10, 25, 50 mg	10-20 mg PO tid-qid, 1-2 hrs after meals. Abdominal cramps, diarrhea, urinary urgency, vasomotor responses, bronchial constriction.
Biperiden (Akineton)	Antiparkinsonian	Tab: 2 mg	2 mg tid-qid, max 8 tab/day
Bisacodyl (Dulcolax)	Laxative, irritant	Tab: 5 mg Suppository: 10 mg	10-15 mg qhs prn 10 mg PR prn
Bismuth subsalicylate (Pepto-Bismol)	Antidiarrheal	Tab: 162 mg Liq: 120, 240, 360, 480 mL	2 tab or 30 mL prn; max 8 doses per day.
Bisoprolol (Zebeta)	Antihypertensive	Tab: 5, 10 mg	2.5-10 mg qd; max 20 mg qd; cardioselective beta-blocker.
Bitolterol (Tornalate)	Bronchodilator	Aerosol: [15 mL]	2-3 puffs tid-qid prn
Bivalirudin (Angiomax)	Anticoagulant	Inj: 250 mg/vial	PCI: 1 mg/Kg IVP, then 2.5 mg/Kg/hr cont inf x 4 hours. A dosage reduction may be required if used with a GP 2b/3a receptor blocker.
Bosentan (Tracleer)	Vasodilator	Tab: 62.5, 125 mg	Pulmonary arterial hypertension: 62.5-125 mg PO bid. Hepatotoxic, teratogenic. Lowers effectiveness of cyclosporin, glyburide, statins, and hormonal contraceptives.
Bretylium (Bretylol)	Antiarrhythmic Class III	Inj: 500 mg/10 mL	5-10 mg/kg IV over 5-10 min, then maintenance of 1-4 mg/min IV infusion.
Brinzolamide (Azopt)	Antiglaucoma	Ophth susp: 1% (10, 15 mL)	One drop tid. Bitter or sour taste, blurred vision.

Drug	Category	Dosage Forms	Dosage, Side Effects, Interactions, and Comments
Bromocriptine (Parlodel)	Parkinsonian agent	Tab: 2.5 mg Cap: 5 mg	Parkinson's disease: 1.25-2.5 mg bid with meals, increase prn to a max of 100 mg/day Lactation suppression: 2.5 mg bid x 14-21 days Nausea, vertigo, confusion, abnormal involuntary movements, hallucinations, depression; prevent pregnancy.
Budesonide (Rhinocort, Pulmicort Turbuhaler)	Glucocorticoid	Nasal spray: 32 mcg/spray Resp inh: 200mcg/spray	Two sprays in each nostril bid. 1-2 inhalations bid; max 4 inhalations bid.
Bumetanide (Bumex)	Diuretic	Tab: 0.5, 1, 2 mg Inj: 0.25 mg/mL	0.5-2.0 mg qAM 0.5-1 mg IV q2-3h until response; then 0.5-1.0 mg IV q8-24h
Bupropion (Zyban, Wellbutrin)	Smoking deterrent Antidepressant	Tab: 150 mg Tab: 75, 100 mg	150 mg qd x 3, then 150 mg bid x 7-12 weeks. Taper and stop smoking after 2 weeks; use with nicotine patch. Insomnia, impaired concentration, dry mouth. 100 mg bid; increase to 100 mg tid after 4 days; max 450 mg/day; useful if patient had sexual dysfunction with other antidepressants; agitation, dry mouth, insomnia, headache, tremor, contraindicated in seizures.
Wellbutrin SR		Tabs SR: 100, 150 mg	150-200 mg bid (max 450 mg/day)
Buspirone (BuSpar)	Anxiolytic	Tab: 5, 10, 15, 30 mg	5-10 mg bid-tid; start with 5 mg and increase to 15-25 mg day; max 60 mg/day; nonaddicting
Butenafine (Mentax)	Antifungal	Cream 1%: [2, 15, 30 gm]	Apply to affected areas once daily x 4 weeks
Butoconazole (Femstat)	Antifungal	Vaginal cream: 2% [28 gm]	One applicatorful intravaginally qhs for 3-6 nights; do not use in first trimester.
Butorphanol (Stadol, Stadol NS)	Narcotic analgesic Antimigraine	Inj: 1 mg/mL Nasal spray: 1 mg/spray [2.5 mL]	0.5-2 mg IV q3-4h; max 2 mg or 1-4 mg IM Migraine headache: 1 spray (in one nostril only). May repeat in 60-90 min, then q3-4h. Potential for addiction.

Calcitonin (Miacalcin)	Anti-osteoporotic	Nasal spray: [2 mL]	One spray (200 IU) per day in alternating nostrils; analgesic properties are useful in patients with arthritis.
		Inj: 200 IU/mL	100 IU SQ/IM qod-qd
Calcitriol (Rocaltrol,	Vitamin D analog	Cap: 0.25, 0.5 mcg	0.25-0.5 mcg qd
Calcijex)		Oral soln: 1 mcg/mL	
Calcium acetate	Mineral	Inj: 1, 2 mcg/mL	1-2 mcg SQ/IM 3 X weekly. Monitor Ca, phos, and PTH.
(PhosLo)		Tab: 667 mg	2-4 tab with each meal
Calcium carbonate	Mineral	Tab: 500, 600 mg; 1.5 gm	One tab qd-tid
(Tums, Os-cal, Caltrate 600, Os-cal 500)			Recommend daily allowance: 1500 mg calcium/day
Calcium chloride	Mineral	Inj: 10% [10 mL]	1-2 gm IV at 1 gm/hr (1 gm in 50 mL D5W or NS).
Calcium citrate	Mineral	Tab: 950 mg	One tab tid
(Citracal)			
Calcium gluconate	Mineral	Soln: 10% [10, 30 mL]	1-2 gm IV at 1 gm/hr (1 gm in 50 mL D5W or NS).
		Tab: 500, 650, 1,000 mg	500 mg-2 g in divided doses.
Candesartan	Angiotensin-II receptor blocker	Tab: 4, 8, 16 mg	8-16 mg qd-bid. Headache, dizziness.
(Atacand)			
Capsaicin (Zostrix, Zostrix-HP)	Topical analgesic	Cr: 0.025% [45, 90 gm]	Apply to affected area(s) tid-qid.
		Cr: 0.075% [30, 60 gm]	
Captopril (Capoten)	ACE-inhibitor	Tab: 12.5, 25, 50, 100 mg	12.5-150 mg bid-tid; rash, proteinuria, cough, hyperkalemia in renal failure.
Carbamazepine	Anticonvulsant	Tab: 100, 200 mg	Initially: 200-400 mg bid; increase to max 1200 mg/day; bone marrow suppression, monitor CBC, reticulocytes, and serum levels. Reduces the effect of oral contraceptives. Neurotoxicity with diltiazem.
(Tegretol,		Chew tab: 100 mg	
Tegretol-XR)		Tab ER: 100, 200, 400 mg	200-400 mg po bid; max 1.2 g daily.
			Trigeminal neuralgia: 100 mg bid; titrate to 400 mg bid. Macrolide antibiotics elevate carbamazepine level.

Drug	Category	Dosage Forms	Dosage, Side Effects, Interactions, and Comments
Carisoprodol (Soma)	Muscle relaxant	Tab: 350 mg	350 mg tid-qid; sedation
Carteolol (Cartrol)	Beta-blocker	Tab: 2.5, 5 mg	2.5-10 mg qd; intrinsic sympathomimetic activity.
Carvedilol (Coreg)	Alpha-1/beta blocker	Tab: 3.125, 6.25, 12.5, 25 mg	CHF: 3.125 mg po bid x 2 weeks, then double the dose q2weeks to 25 mg bid (50 mg bid if >85 kg); take with food. HTN: 6.25 mg po bid, then double the dose q1-2weeks to 25 mg bid.
Caspofungin (Cancidas)	Antifungal	Inj: 50, 70 mg	Invasive aspergillosis: 70 mg IV loading, then 50 mg IV q24h. Headache, increase ALT, AST. Concurrent use with cyclosporine is not recommended.
Cefaclor (Ceclor, Ceclor CD)	Antibiotic	Cap: 250, 500 mg Tab ER: 375, 500 mg	250-500 mg tid; low bioavailability; serum sickness. 375-500 mg po bid.
Cefadroxil (Duricef, Ultracef)	Antibiotic	Cap: 500 mg Tab: 1000 mg	500-1000 mg bid
Cefazolin (Ancef)	Antibiotic	Inj: 250, 500, 1,000 mg	0.5-2 gm IV/IM q8h
Cefdinir (Omnicef)	Antibiotic	Cap: 300 mg Susp: 125 mg/5mL	300 mg bid x 10 days; for bronchitis, sinusitis; community-acquired pneumonia.
Cefepime (Maxipime)	Antibiotic	Inj: 0.5, 1, 2 gm	1 to 2 gm IV q12h for infections due to Pseudomonas, Klebsiella pneumoniae, Enterobacter sp. Febrile neutropenia: 2 gm q8h as monotherapy.
Cefixime (Suprax)	Antibiotic	Tab: 200, 400 mg	200 mg q12h or 400 mg qd Gonorrhea: 400 mg PO once
Cefoperazone (Cefobid)	Antibiotic	Vial: 1, 2 gm	1-2 gm IV/IM q8-12h
Cefotaxime (Claforan)	Antibiotic	Vial: 1, 2 gm	1-2 gm IV/IM q4-6h
Cefotetan (Cefotan)	Antibiotic	Vial: 1, 2 gm	1-2 gm IV/IM q12h
Cefoxitin (Mefoxin)	Antibiotic	Vial: 1, 2 gm	1-2 gm IV/IM q6-8h

Cefpodoxime (Vantin)	Antibiotic	Tab: 100, 200 mg Susp: 50, 100 mg/5mL (100 mL)	Community acquired pneumonia: 200 mg bid Bronchitis, pharyngitis: 100 mg bid Skin, skin structure: 400 mg bid Cystitis: 100 mg bid Gonorrhea: 200 mg x 1
Cefprozil (Cefzil)	Antibiotic	Tab: 250, 500 mg	250-500 mg qd-bid
Ceftazidime (Fortaz)	Antibiotic	Vial: 0.5, 1, 2 gm	0.5-1 gm IV/IM q8h; max 12 gm/day
Ceftibuten (Cedax)	Antibiotic	Cap: 400 mg Susp: 90, 180 mg/5 mL	400 mg qd on an empty stomach. Gram-positive cocci and gram-negative bacilli activity. Inadequate for pneumococcal otitis.
Ceftizoxime (Cefizox)	Antibiotic	Vial: 1, 2 gm	1-2 gm IV/IM q8h
Ceftriaxone (Rocephin)	Antibiotic	Vial: 250, 500 mg; 1, 2 gm	1-2 gm IV/IM q12-24h; delayed action because highly bound to serum proteins Gonorrhea: 250 mg IM x 1
Cefuroxime axetil (Ceftin)	Antibiotic	Tab: 125, 250, 500 mg	250-500 mg bid; max 4 g/day
Cefuroxime sodium (Zinacef)	Antibiotic	Vial: 0.75, 1.5, 7.5 gm	0.75-1.5 gm IV/IM q8h for 5-10 days
Celecoxib (Celebrex)	COX-2 inhibitor	Cap: 100, 200 mg	100-200 bid. Slightly less effective than NSAIDS. Abdominal pain, diarrhea; less GI ulceration than NSAIDS. No effect on platelet aggregation.
Cephalexin (Keflex)	Antibiotic	Cap: 250, 500 mg	250-500 mg q6h
Cephapirin (Cefadyl)	Antibiotic	Vial: 500 mg, 1, 2, gm	500 mg-1 gm IV q4-6h
Cephradine (Velosef)	Antibiotic	Cap: 250, 500 mg	250-500 mg q6h
Cetirizine (Zyrtec)	Antihistamine	Tab: 5, 10 mg Syr: 1 mg/mL	Allergic rhinitis or urticaria: 5-10 mg qd; non-sedating; arrhythmias have not been reported with macrolides, fluconazole, or ketoconazole.
Cevimeline (Evoxac)	Mouth and throat	Cap: 30 mg	30 mg PO tid for xerostomia in Sjögren's Syndrome. Cholinergic effects including sweating, bradycardia, blurred vision, vomiting.

Drug	Category	Dosage Forms	Dosage, Side Effects, Interactions, and Comments
Charcoal, activated with sorbitol	Antidote	Susp: 25 gm/120 mL	50-100 gm x 1 after GI lavage; in tricyclic antidepressant or phenothiazine overdose continue 50g q6h until drug level non-toxic. Keep patient's head at 45 degree angle to prevent aspiration.
Chloral hydrate (Noctec)	Sedative	Cap: 250, 500 mg	Sleep: 500 mg qhs
Chloramphenicol (Chloromycetin)	Antibiotic	Inj: 1 gm Ophth oint: 10 mg/gm [3.5gm]	0.5-1 gm IV q6h. Monitor levels and reticulocyte count. Apply tid-qid
Chlordiazepoxide (Librium, Libritabs)	Anxiolytic	Ophth soln: 5 mg/mL Cap: 5, 10, 25 mg Tab: 5, 10, 25 mg Inj: 100 mg/amp	1-2 drops q4-6h 5-25 mg tid-qid. Prevention of alcohol withdrawal: 50-100 mg PO/IV/IM q6h x 72 hours. 25-100 mg IM/IV q4-6h
Chlorothiazide (Diuril)	Diuretic	Tab: 250 mg Inj: 500 mg/vial	250 mg bid 500 mg IV over 30 min qd-bid
Chlorpromazine (Thorazine)	Antipsychotic	Tab: 10, 25, 50, 100, 200mg Inj: 25 mg/mL Syr: 10 mg/5 mL [120 mL]	10-100 mg PO/IM bid-qid; sedation, extrapyramidal symptoms common; alpha-adrenergic blocking effects.
		Suppository: 25, 100 mg	25-100 mg PR q6-8h prn
Chlorzoxazone (Parafon, Paraflex)	Muscle relaxant	Tab: 250 mg Cap: 500 mg	250-750 mg tid-qid

Cholestyramine (Cholybar, Questran, Questran Light)	Antihyperlipidemic	Chewable bar: 4 gm Powder: 4 gm	4 gm bar bid with meals; up to 6 times daily; max 36 gm/day. 1 scoop or packet in cold beverage or applesauce bid before meals; increase gradually prn, up to 3 packets or scoops bid. Lowers LDL cholesterol; levothyroxine, warfarin, digoxin, diuretics should not be taken within 1 hour because of decreased absorption. May reduce effect of warfarin.
Choline magnesium salicylate (Trilisate)	Analgesic Antiinflammatory	Tab: 500, 750, 1000 mg	500-1500 mg bid
Cidofovir (Vistide)	Antiviral	Inj: 75 mg/mL	Cytomegalovirus retinitis: 5 mg/kg q week x 2 weeks, then biweekly; contraindicated in renal insufficiency. Coadminister with oral probenecid; nephrotoxic.
Cilostazol (Pletal)	Anti-claudicant	Tab: 50, 100 mg	100 mg bid. Reduce dose to 50 mg bid if taking azoles, macrolides, diltiazem, or omeprazole. Headache, palpitations, diarrhea. Contraindicated in class III-IV congestive heart failure
Cimetidine (Tagamet)	H ₂ -blocker	Tab: 200, 300, 400, 800 mg Liq: 300 mg/ 5 mL	Initial dose: 400 mg bid or 800 mg qhs. Increases theophylline level. GERD: 800 mg bid or 400 mg qid. Maintenance: 400 mg qhs; can cause confusion in elderly and in renal failure.
Ciprofloxacin (Cipro,	Antibiotic	Inj: 300 mg/2 mL Tab: 100, 250, 500, 750 mg	300 mg IV q6-8h or 900-1200 mg in 250 mL D5W at 11 mL/hr 250-750 mg bid; GI upset; contraindicated in pregnancy, seizure disorder, or <16 years of age; increases theophylline level; poor coverage for S pneumonia.
Ciloxan,		Inj: 200, 400 mg Ophth soln: 0.3% [2.5, 5 mL]	200-400 mg IV q12h 1-2 drops in affected eye(s) q2-4h
Cipro Cystitis Pack)		Tab: 100 mg [6]	100 mg bid x 3 days. Acute uncomplicated cystitis in women.

Drug	Category	Dosage Forms	Dosage, Side Effects, Interactions, and Comments
Cisapride (Propulsid)	GI stimulant	Tab: 10, 20 mg Susp: 1 mg/mL	10-20 mg qid; 15-30 min before meals and qhs. Fatal QT prolongation may occur when used alone or in combination with azole antifungals or macrolides. Contraindicated in CHF, COPD, and multiple organ failure.
Cisatracurium (Nimbex)	Neuromuscular blocker	Inj: 2 mg/mL	0.15 mg/kg IV, then 0.3 mcg/kg/min IV infusion; titrate between 0.5-1.0 mcg/kg/min. Intermediate acting, Hoffman elimination.
Citalopram (Celexa)	Antidepressant	Tab: 10, 20, 40 mg Oral soln: 10 mg/5 mL	20 mg qd; max 40 mg qd. SSRI. Male sexual dysfunction.
Clarithromycin (Biaxin, Biaxin XL)	Antibiotic	Tab: 250-500 mg Susp: 125, 250 mg/5 mL Tab ER: 500 mg	250-500 mg bid; increases theophylline. 2 tabs qd with food x 7 days
Clemastine (Tavist 1, Tavist)	Antihistamine	Tab: 2.68 mg Tab: 1.34 mg Syr: 0.5mg/5mL	One tab bid-tid; max 3 tabs/day 1.34 mg bid
Clindamycin (Cleocin, Cleocin-T)	Antibiotic	Cap: 75, 150, 300 mg Cream vag: 2% [40 gm] Gel, soln: 10 mg/mL [7.5, 30 gm] Inj: 150 mg/mL	150-450 mg qid One applicatorful intravaginally qhs x 7 days Apply to affected area(s) bid
Clofazimine (Lamprene)	Tuberculostatic	Cap: 50, 100 mg	600-900 mg IV q8h; diarrhea, pseudomembranous colitis. 50-200 mg qd; take with meals; may discolor skin (pink to brownish black); may cause skin dryness, GI intolerance.
Clomipramine (Anafranil)	Antipsychotic	Cap: 25, 50, 75 mg	25 mg qhs, increase to 100 mg/day; sedation, anticholinergic, seizures. Also used for obsessive-compulsive disorder.
Clonazepam (Klonopin)	Anxiolytic/Anticonvulsant	Tab: 0.5, 1, 2 mg	0.5-2 mg qd-tid; useful in anoxic seizures.

Clonidine (Catapres, Catapres-TTS)	Antihypertensive	Tab: 0.1, 0.2, 0.3 mg Transdermal: 0.1 mg/24h, 0.2 mg/24h, 0.3 mg/24h	0.1-0.4 mg bid-tid; max 2.4 mg/day 0.1-0.3 mg/24h; apply new patch every 7 days; onset of effect requires 3 days; sedation, rebound hypertension.
Duraclon)	Analgesic	Inj: 500 mcg/mL	30 mcg/hr cont epidural infusion or 75-150 mcg epidural over 5 min.
Clopidogrel (Plavix)	Antiplatelet	Tab: 75 mg	75 mg qd; irreversibly binds to platelets; neutropenia 0.04%.
Clorazepate (Tranxene, Tranxene-SD)	Anxiolytic	Tab: 3.75, 7.5, 15 mg	3.75-15 mg tid
Clotrimazole (Gyne-Lotrimin, Lotrimin, Mycelex)	Antifungal OTC	Tab: 22.5 mg Cream vag: 1% [45, 90 gm] Tab vag: 100, 500 mg Cream: 1% [15, 30, 45, 90 gm] Troches: 10 mg	One tab qd One applicatorful intravaginally qhs x 7days. 2 tab intravaginally qhs for 3 days or 500 mg qhs, single dose. Apply to affected area bid for up to 4 wk.
Clozapine (Clozaril)	Antipsychotic	Tab: 25, 100 mg	Oropharyngeal fungal infections: One troche 5 times daily. 25 mg qd-bid, increase by 25-50 mg/day to 350-450 mg/day; max 900 mg/day; monitor CBC; agranulocytosis; drowsiness, seizures.
Codeine	Narcotic analgesic Antitussive	Tab: 15, 30, 60 mg	15-60 mg q4-6h prn pain 10-20 mg q4-6h prn cough
Colchicine	Antigout	Tab: 0.5, 0.6 mg Inj: 1 mg	0.5-0.6 mg bid; caution in renal impairment; GI upset, diarrhea. 0.5-1 mg IV qd-bid
Colesevelam (Welchol)	Antihyperlipidemic	Tab: 625 mg	3 tabs bid or 6 tabs qd with meals alone or in combination with statins. Bile acid sequestrant. Constipation, abd pain and cramping.
Colestipol (Colestid)	Antihyperlipidemic	Granules: 5 gm/pkt	Initially: 5 gm qd-bid with liquid; max 30 gm/day; 4 hour interval between other medications. Lowers LDL cholesterol.
Cosyntropin (Cortrosyn)	Hormone	Tab: 1 gm Inj: 250 mcg	2 gm PO qd-bid initially. Usual maintenance 2-8 gm bid. 250 mcg/IVP/IM x 1. Obtain cortisol level just before and 60 minutes after for assessment of adrenal insufficiency.

Drug	Category	Dosage Forms	Dosage, Side Effects, Interactions, and Comments
Cromolyn (Intal,	Antiasthma Mast cell stabilizer	Intal aerosol: 800 mcg/puff [8.1, 14.2 gm] Inhaler cap: 20 mg Nebulizer soln: 20 mg/2 mL	2 puffs qid; prophylactic agent; several days required for effect; may cause bronchospasm. One cap inhaled qid Inhale 2 mL qid
Nasal crom,		Nasal crom nasal spray: 5.2 mg [13 mL] Opticrom ophth soln: 4% [2.5, 10 mL] Gastrocrom cap: 100 mg	1 spray in each nostril tid-qid 1-2 drops in each eye qid 200 mg PO qid, 30 min before meals and at bedtime.
Cyanocobalamin (Vitamin B-12)	Vitamin	Tab: 500-1000 mcg Inj: 30, 100, 1000 mcg/mL	500-1000 mcg/day 30 mcg IV/IM/SQ qd x 5-10 days, then 1000 mcg /month; peripheral neuropathy at high doses.
Cyclobenzaprine (Flexeril)	Muscle relaxant	Tab: 10 mg	10 mg tid; sedative, anticholinergic effects
Cycloserine (Seromycin)	Tuberculostatic	Cap: 250 mg	250-500 mg bid. Neurotoxic, CHF. Pyridoxine 100 mg bid to prevent neurotoxicity.
Dalteparin (Fragmin)	Anticoagulant LMW heparin	Inj: 2500, 5000, 10,000 IU	Prophylaxis: 2500-5000 IU SC qd. Venous thrombosis: 100 IU/kg SC q12h or 200 IU/kg SC qd. Acute coronary syndrome: 120 IU/kg (max 10,000 u) SC q12h.
Danaparoid (Orgaran)	Anticoagulant LMW heparin	Inj: 750 units/0.6 mL	750 units SQ bid x 7-14 days after hip replacement. DVT and PE prophylaxis: 750 units SC 12h x 7-14 days. May be used in patients with heparin-induced thrombocytopenia.
Danazol (Danocrine)	Antiandrogenic	Cap: 50, 100, 200 mg	100-400 mg bid
Dantrolene (Dantrium)	Muscle relaxant	Cap: 25, 50, 100 mg Powd for Inj: 20 mg.	25 mg qd; increase by 25 mg per week to max 400 mg day in divided doses. 1 mg/kg/h IV for up to 10 hours

Dapsone	Antiprotozoal	Tab: 25, 100 mg	P. carinii pneumonia prophylaxis: 50 mg bid or 100 mg twice/week or 200 mg once/week
Darbepoetin (Aranesp)	Erythrocyte stimulating factor	Inj: 25, 40, 60, 100, 200 mcg	0.45 mcg/kg IV/SC once weekly. Hypertension, thrombosis
Delavirdine (Rescriptor)	Antiviral (HIV-1)	Tab: 100 mg	4 tabs tid. Non-nucleoside reverse transcriptase inhibitor.
Desipramine (Norpramin)	Antidepressant	Tab: 10, 25, 50, 75, 100, 150 mg	25-200 mg qhs or 25-150 mg bid; anticholinergic effects.
Dexamethasone (Decadron)	Corticosteroid	Tab: 0.25, 0.5, 0.75, 1, 1.5, 2, 4, 6 mg Inj : 4, 10, 20 mg/mL Ophth soln: 0.1% [5 mL]	0.25-6 mg q6h 4-10 mg IV q6h 1-2 drops in each eye q4-6h
Dexmedetomidine (Precedex)	Sedative, hypnotic	Inj: 100 mcg/ML	Loading 1mcg/kg over 10 min, then 0.2-0.7 mcg/kg/hr. Titrate to level of sedation while on mechanical ventilator. Hypotension, bradycardia. Half-life 2 hrs.
Dexmethylphenidate (Focalin)	Stimulant	Tab: 2.5, 5, 10 mg	2.5 - 10 mg po bid. Glaucoma
Dextromethorphan (Benlyn DM, Delsym)	Antitussive	Syr: 10 mg/5 mL [120, 240 mL] Liq SR: 30 mg/5 mL [90 mL]	10-30 mg q4-8h; max 120 mg/24 hrs 10 mL q12h
Diazepam (Valium, Diastat)	Anxiolytic Anticonvulsant	Tab: 2, 5, 10 mg Inj: 5 mg/mL Rectal gel: 10, 15, 20 mg	2-10 mg bid-qid Seizures: 5-10 mg slow IV q10-15 min; max 30 mg. Sedation: 2-5 mg IV q3-4h Seizures: 10-20 mg PR as an alternative to inj if IV line unavailable.

Drug	Category	Dosage Forms	Dosage, Side Effects, Interactions, and Comments
Diclofenac (Voltaren)	NSAID	Tab: 25, 50, 75, 100 mg	25-75 mg tid-qid; GI upset
Voltaren XR,	Antiallergic	Tab ER: 100 mg	Osteoarthritis: 100 mg PO qd; max 200 mg/d
Solaraze)	Keratolytic	Gel: 3% (25, 50 gm)	Rheumatoid arthritis: 100 mg PO qd; max 100 mg bid
Dicloxacillin (Dynapen)	Antibiotic	Cap: 125, 250, 500 mg	Instill 1 drop into the affected eye(s) qid; allergic conjunctivitis.
Dicyclomine (Bentyl)	Antispasmodic	Cap: 10, 20 mg	Apply to lesions bid. Avoid sun, skin hypertrophy, paresthesia.
Didanosine, DDI (Videx)	Antiretroviral	Tab: 25, 50, 100, 150 mg	125-500 mg q6h; antistaphylococcal penicillin
Diflunisal (Dolobid)	Analgesic	Powd: 100, 167, 250, 375 mg	Initially, 20 mg qid; anticholinergic
Digoxin (Lanoxicaps, Lanoxin)	Inotrope Antidysrhythmic	Tab: 250, 500 mg	One tab qid
Digoxin immune (Digibind)	Digoxin-binding Antidote	Cap: 0.05, 0.1, 0.2 mg	>60 kg: 200 mg (two 100-mg tablets) bid or 250 mg of powder bid
		Tab/inj : 0.125, 0.25, 0.5 mg	<60 kg: 125 mg (100 mg tablet plus a 25-mg tablet) bid or 167 mg of powder bid; reduce in renal failure; diarrhea, peripheral neuropathy, pancreatitis
			250-500 mg q8-12h prn
			0.05-0.2 mg qd
			Loading dose: 0.5 mg PO/IV, then 0.25 mg PO/IV q4h x 2 doses.
			Maintenance dose: 0.125-0.25 mg PO/IV qd; low potassium or magnesium levels potentiate toxicity; reduce dose in renal failure; toxicity indicated by nausea, headache, visual disturbances (yellow-green halos), ventricular arrhythmias. Quinidine, verapamil, and amiodarone elevate digoxin level.
			Dosage: (number of 40 mg vials)
			= $\frac{\text{Digoxin level} \times \text{body weight (kg)}}{100}$
			100-150 mL of NS IV over 15-30 minutes; use 0.22 micron in-line filter; anaphylaxis.

Dihydroergotamine (DHE45, Migranal)	Antimigraine	Inj: 1 mg/mL Nasal spray kit	1 mg IM or 2 mg IV; max 6 mg per week One spray in each nostril, may repeat in 15 min; max 6 sprays in 24h; rhinitis, nausea, altered sense of taste.
Diltiazem (Cardizem)	Calcium-blocker	Tab: 30, 60, 90, 120 mg Cap SR: 60, 90, 120 mg Cap CD: 120, 180, 240, 300, 360 mg Inj: 25, 50 mg/mL	30-120 mg tid-qid; contraindicated in atrioventricular block, hypotension. 60-120 mg bid 120-360 mg qd Rate control in atrial fibrillation or flutter: 0.25 mg/kg (20 mg) IVP over 10 min; then 5-15 mg/hr IV infusion; may repeat bolus with 0.35 mg/kg x 1.
Diphenhydramine (Benadryl)	Antihistamine (OTC)	Cap: 25, 50 mg Inj: 10, 50 mg/mL	25-50 mg tid-qid; anticholinergic, dry mouth, urinary retention 25-50 mg IV/IM; max 400 mg/dose
Diphenoxylate (Lomotil)	Antidiarrheal	Tab: 2.5 mg Liq: 2.5 mg/5 mL [60 mL]	2.5-5.0 mg q4-6h prn; max 30 mg per day; contraindicated in acute diarrhea
Dipyridamole (Persantine)	Antiplatelet	Tab: 25, 50, 75 mg	75-100 mg tid-qid; nausea, vomiting
Disopyramide (Norpace, Norpace CR)	Antidysrhythmic Class IA	Cap: 100, 150 mg Cap CR: 100, 150 mg	100-300 mg tid-qid 100-300 mg bid; may induce heart failure.
Dirithromycin (Dynabac)	Antibiotic Macrolide	Tab: 250 mg	Two tabs once daily x 7-14 days.
Disulfiram (Antabuse)	Anti-alcoholic	Tab: 250, 500 mg	250-500 mg qd; max 500 mg/day; monitor blood count, liver function.
Divalproex (Depakote)	Anticonvulsant Antimigraine Mood stabilizer	Delayed-rel tab: 125, 250, 500 mg Sprinkle capsules: 125 mg Tab ER: 500 mg	Epilepsy: 250-500 mg tid-qid; monitor serum levels; hepatotoxic, pancreatitis. Mania: 250 mg tid, titrate to max 60 mg/kg/day in 3 divided doses. Migraine prophylaxis: 250 mg bid for 3 days, then 500 mg bid.
Depakote ER)			500-1000 mg once daily.

Drug	Category	Dosage Forms	Dosage, Side Effects, Interactions, and Comments
Dobutamine (Dobutrex)	Inotrope	Inj: 250 mg	2.5-10 mcg/kg/min IV infusion; max of 14 mcg/kg/min
Docosanol (Abreva)	Antiviral	CR: 10% (2gm)	Apply to affected areas x 10 days. Recurrent herpes labialis.
Docusate (Colace)	Stool softener	Tab: 100 mg	100 mg qd-tid
Dofetilide (Tikosyn)	Antiarrhythmic (class III)	Caps: 125, 250, 500 mcg	500 mcg bid if creatinine clearance > 60 ml/min, 250 mcg bid if Ccr 40-60 ml/min, 125 mcg bid if Ccr 20-39 ml/min. Contraindicated if Ccr < 20 ml/min, QTc > 440 mSec, or concomitant use with verapamil, cimetidine, trimethoprim, or ketoconazole. Reduce dose by 50% if the QTc > 440 mSec or increases by > 15% after the first dose. Dose-related QT prolongation. Does not reduce contractility.
Donepezil (Aricept)	Alzheimer's agent	Tabs: 5, 10 mg	5 mg qhs x 4-6 weeks, then 10 mg qhs. Less hepatotoxic than tacrine.
Dopamine (Intropin)	Inotrope	Vial: 200 mg/5 mL, 400 mg/5 mL, 800 mg/5 mL	Renal perfusion dose: 1-3 mcg/kg/min (dopaminergic range) Cardiac inotropic dose: 5-10 mcg/kg/min (beta-adrenergic) Vasoconstricting dose: >10 mcg/kg/min (alpha-adrenergic)
Dorzolamide (Trusopt)	Antiglaucoma	Ophth soln: 2% (5, 10 mL)	One drop tid. Bitter taste, photophobia.
Doxapram (Dopram)	CNS stimulant	Inj: 20 mg/mL	1 mg/min IV infusion; titrate to 2-3 mg/min to correct hypercapnia; tremors, anxiety.
Doxazosin (Cardura)	Antihypertensive Prostate relaxant	Tab: 1, 2, 4, 8 mg	Initially: 1 mg qhs, then 2 mg/day, then increase as indicated to 10 mg day; max 20 mg/day. Benign prostatic hyperplasia: 1-2 mg qhs; orthostatic hypotension initially; more effective than finasteride.
Doxepin (Adapin, Sinequan)	Antidepressant	Cap: 10, 25, 50, 75, 100, 150 mg	10-150 mg qhs; max 300 mg/day; anticholinergic, sedation, orthostatic hypotension; potent antihistamine.
	Antihistamine	Cream: 5% [30 gm]	Apply thin layer qid
Doxycycline (Vibramycin,	Antibiotic	Cap: 50, 100 mg Powd for inj: 100, 200 mg	100 mg bid; photosensitizing, hepatotoxic. 100 mg IV q12h
Periostat)		Cap: 20 mg	20 mg bid up to 9 months following scaling and root planning.

Dronabinol (Marinol)	Antiemetic Appetite stimulant	Tab: 2.5, 5, 10 mg	2.5 mg PO bid, before lunch and dinner; up to 10 mg bid. Anticholinergic effects.
Droperidol (Inapsine)	Antiemetic	Inj: 2.5 mg/mL	0.625-2.5 mg IV/IM q3-4h prn.
Econazole (Spectazole)	Topical antifungal	Cream: 1% [15, 30, 85 gm]	Apply to affected area once daily
Efavirenz (Sustiva)	Antiretroviral	Cap: 50, 100, 200 mg	600 mg once qhs with a protease or nucleoside analog inhibitor. Depression, impaired concentration (50%), avoid clarithromycin.
Eflornithine (Vaniqa)	Facial hair removal	CR: 13.9% (30 gm)	Apply thin layer to facial area bid. Do not wash for 4 hrs.
Emedastine (Emadine)	Antihistamine	Ophth sol: 0.05% [5 mL]	One drop in the affected eye(s) qid; allergic conjunctivitis; headache frequent.
Enalapril (Vasotec)	ACE-inhibitor	Tab: 2.5, 5, 10, 20 mg	2.5-20 mg bid; first dose hypotension; hyperkalemia in renal failure; cough.
Enalaprilat (Vasotec IV)	ACE-inhibitor	Vial: 1.25 mg/mL	1.25-5.0 mg IV q6h
Enoxacin (Penetrex)	Antibiotic	Tab: 200, 400 mg	200-400 mg q12h; 1 hour before or 2 hours after meals.
Enoxaparin (Lovenox)	Anticoagulant LMW heparin	Inj: 30, 40, 60, 80, 90, 100, 120, 150 mg	Acute coronary syndrome: 1 mg/kg SC q12h. DVT Prophylaxis: 30 mg SC q12h or 40 mg SQ q24h. DVT/PE: 1 mg/Kg SC q12h or 1.5 mg/kg SQ q24h. Continue enoxaparin for 5 days and overlap with warfarin for 3-4 days.
Entacapone (Comtan)	Antiparkinsonian agent	Tab: 200 mg	200 mg tid-qid concurrently with levodopa/carbidopa; max 1600/day. Adjunct therapy only. Dyskinesia, hyperkinesia, GI upset.
Epinephrine	Vasopressor	Inj: 25, 50 mg/mL	5-10 mg IV q5-10 min in cardiac arrest.
Eprosartan (Teveten)	Angiotensin-II receptor blocker	Tab: 400, 600 mg	600 mg qd; max 400 mg bid.
Eptifibatide (Integrilin)	Antiplatelet	Inj: 20 mg/10 mL, 75 mg/100 mL	180 mcg/kg IV over 2 min, then 2 mcg/kg/min x 24-72 hrs. Reversible platelet binding.
Ergotamine (Ergostat)	Antimigraine	Tab: 2 mg	One tab under tongue with onset; max 3 tab in 24 hours; max 5 tab/week.
		Suppository: 100 mg	1-2 suppository rectally.

Drug	Category	Dosage Forms	Dosage, Side Effects, Interactions, and Comments
Erythromycin base (E-Mycin, Ery-Tabs, PCE)	Antibiotic	Tab EC: 333 mg Tab EC: 500 mg	1 tab po tid. 1 tab po tid-qid.
Erythromycin estolate (Ilosone)	Antibiotic	Cap: 250 mg Tab: 500 mg Susp: 125, 250 mg/5 mL	250-500 mg qid; increases theophylline; GI upset; cholestatic jaundice in adults.
Erythromycin ethylsuccinate (EES)	Antibiotic	Tab: 400 mg Susp: 200, 400 mg/5 mL	200-400 mg qid; increases theophylline; GI upset.
Erythromycin lactobionate	Antibiotic	Inj: 0.5, 1.0 gm/vial	0.5-1.0 gm IV q6h; increases theophylline; GI upset. GI Stimulant: 125-250 mg IV q8h.
Erythromycin stearate (Eramycin Ilotycin)	Antibiotic	Tab: 250, 500 Ophth oint: 0.5% [3.5 gm]	250-500 mg qid; increases theophylline; GI upset; increases theophylline. Apply to affected eye(s) 6 times daily x 7-10 days.
Erythropoietin (Epogen)	Erythrocyte stimulating factor	Inj. 2000, 3000, 4000, 10,000 units/mL	100-200 U/kg IV/SQ 3x weekly; max 300 U/kg 3x weekly. Life-threatening anemia: 100-150 U/kg IV/SQ qd
Esmolol (Brevibloc)	Beta-blocker	Amps: 2.5 gm	500 mcg/kg IV over 1 min, then 50 mcg/kg/min IV infusion (5.0 gm in 500 mL D5W); titrate to heart rate; max of 300 mcg/kg/min; contraindicated in heart failure, asthma, diabetes.
Esomeprazole (Nexium)	Antiulcer	Cap: 20, 40 mg	20-40 mg qd with food. Headache, diarrhea, abdominal pain.

Estradiol (Estrace,	Estrogen	Tab: 1, 2 mg	1-2 mg qd
Estraderm		Vag cr: 0.01% [42 gm] Transdermal: 50,100 mcg/day	1 gm intravaginally qhs Apply patch twice weekly; skin irritation. Breast tenderness, headache, edema. Risk of endometrial cancer diminished by concurrent progesterone use. Contraindicated in thromboembolic disorder, breast cancer, or estrogen-dependent malignancy.
Climara)		Transdermal: 25, 50, 75, 100 mcg/day	1 patch once a week.
Estrogen, conjugated (Premarin)	Estrogen	Tab: 0.3, 0.625, 0.9, 1.25, 2.5 mg Cream: 0.625 mg/gm [42.5 gm]	0.625 mg PO qd or 2-4 gm intravaginally qhs Breast tenderness, headache, edema. Risk of endometrial cancer diminished by concurrent progesterone use. Contraindicated in thromboembolic disorder, breast cancer, or any estrogen-dependent malignancy.
Estrogen, esterified (Estratab)	Estrogen	Inj: 25 mg/vial Tab: 0.3, 0.625, 2.5 mg	25 mg IV/IM 1.25-2.5 mg qd.
Estropipate (Ogen)	Estrogen	Tab: 0.625,1.25,2.5,5 mg	0.625-5 mg qd
Etanercept (Enbrel)	Antirheumatic	Inj: 25 mg/vial	25 mg SQ biweekly. May predispose to serious infections, respiratory symptoms. Demyelination, pancytopenia
Ethacrynate (Edecrin)	Diuretic	Powd for inj: 50 mg Tab: 25, 50 mg	50-100 mg IV in 50-100 mL D5W over 30-60 min 50-100 mg PO qd
Ethambutol (Myambutol)	Tuberculostatic	Tab scored: 100, 400 mg	15 mg/kg/d (400 mg bid-tid); can cause reversible changes in visual acuity; GI upset.
Ethinyl Estradiol (Estinyl)	Estrogen	Tab: 0.02, 0.05, 0.5 mg	0.02-2.0 mg qd
Etidronate (Didronel)	Anti-osteoporotic Bone stabilizer	Inj: 300 mg/amp Tab: 200, 400 mg	7.5 mg/kg/day x 3 days 5-10 mg/kg/day, max 6 months or 10-20 mg/kg/day, max 3 months.

Drug	Category	Dosage Forms	Dosage, Side Effects, Interactions, and Comments
Etodolac (Lodine, Lodine XL)	NSAID	Cap: 200, 300 mg Tab: 400 mg Tab ER: 400, 600 mg	200-400 mg bid-tid 400-1200 mg qd.
Etretinate (Tegison)	Antipsoriatic	Cap: 10, 25 mg	0.75-1.0 mg/kg/day in 2-3 divided doses x 8-16 wk, then 0.5-0.75 mg/kg/day for maintenance; prolonged teratogenic effects; contraindicated in women who may ever become pregnant.
Famciclovir (Famvir)	Antiviral	Tab: 125, 250, 500 mg	Herpes zoster: 500 mg q8h x 7 days. Herpes simplex: 125 mg bid x 10 days (initial); 125 mg bid x 5 days (recurrence). Adjust dose in renal insufficiency; most effective within 48 hours of rash; not more effective than acyclovir. Headache.
Famotidine (Pepcid)	H ₂ -blocker	Tab: 20, 40 mg Inj: 10 mg/mL Susp: 40 mg/5 mL [50 mL]	20 mg PO/IV q12h or 40 mg PO/IV qhs
Felbamate (Felbatol)	Anticonvulsant	Tab: 400, 600 mg Susp: 600 mg/5 mL	1200-3600 mg/day in 3-4 divided doses; aplastic anemia rarely; for seizures that are refractory to other anticonvulsants.
Felodipine (Plendil)	Calcium-blocker	Tab: 2.5, 5, 10 mg	5-10 mg qd; max 10 mg/day
Fenofibrate (Tricor)	Antihyperlipidemic	Cap: 67 mg	67 mg qAM or qhs with meals, max 201 mg qd; pancreatitis.
Fenoldopam (Corlopam)	Vasodilator	Inj: 10 mg/mL	0.01 mcg/kg/min IV infusion, adjust dose by 0.025-0.05 mcg/kg/min q15min to 0.3 mcg/kg/min; reflex tachycardia, headache.
Fenoterol (Berotec)	Bronchodilator	Aerosol: 200 mcg/puff	2 puffs bid-qid; beta-2 agonist
Fentanyl (Duragesic)	Narcotic Analgesic	Patch: 25, 50, 75, 100 mcg/h	Apply 1 patch to hairless skin q3 days. 25 mcg/hr patch is equal to 100 mg of oral morphine per day. 1-2 days for full effect
Ferrous gluconate	Mineral	Tab: 300, 320, 325 mg Elixir: 300 mg/5 mL	One tab bid-tid

Ferrous sulfate	Mineral	Tab: 320 mg Inj: 50 mg/mL	1- 2 tab bid-tid 0.5 mL IM by "Z" tract injection technique as test dose, if no reaction within an hour, then inject 1 mL in each buttock qd x 10-20 days. Watch for anaphylaxis after the test dose.
(Fergon, Infed, Slow Fe)		Cap SR: 159 mg Elixir: 220 mg/5 mL Cap: 190 mg Tab SR: 160 mg	1 cap SR qd PO 5 mL bid-tid 1 cap bid 1-2 tab qd-qid
Fexofenadine (Allegra)	Antihistamine	Cap: 60 mg Tab ER: 180 mg	One cap bid; non-sedating 180 mg qd
Filgrastim (Neupogen)	Leukocyte-stimulating factor	Inj: 300 mcg/mL	5 mcg/kg/day IV/SC
Finasteride (Propecia)	Hair growth stimulant	Tab: 1 mg	1 tab qd. For men only, sexual dysfunction, decreases PSA by 50%. Requires 6-12 months of therapy.
Finasteride (Proscar)	Antiandrogen	Tab: 5 mg	5 mg qd; 3-6 months required for effect. Improvement occurs in only 33-50%; less effective than alpha-blockers.
Flecainide (Tambocor)	Antiarrhythmic	Tab: 50, 100, 150 mg	50-100 mg q12h, max 400 mg/d; class I-C antiarrhythmic. Useful in atrial and ventricular arrhythmias.
Fluconazole (Diflucan)	Antifungal	Tab: 50, 100, 150, 200 mg Inj: 200 mg/100 mL, 400 mg/200 mL	Vulvovaginal candidiasis: 150 mg single dose Oropharyngeal and esophageal candidiasis: 200 mg PO/IV initially, then 100 mg PO/IV qd x 14 days. Candida cystitis: 50-100 mg PO/IV qd x 5-7 days Cryptococcal meningitis: 400 mg PO/IV initially, then 200 mg PO/IV qd until CSF culture negative x 10-12 weeks. Not effective against non-albicans candida. Histoplasmosis: 400 mg bid
Flucytosine, 5-FC (Ancobon)	Antifungal	Cap: 250, 500 mg	37.5 mg/kg q6h; nausea, vomiting, diarrhea; bone marrow suppression; monitor serum levels

Drug	Category	Dosage Forms	Dosage, Side Effects, Interactions, and Comments
Fludrocortisone (Florinef)	Mineralocorticoid	Tab: 0.1 mg	0.1 mg qd-tid
Flumazenil (Romazicon)	Benzodiazepine antagonist	Inj: 0.1 mg/mL	0.2 mg IV at 1 minute intervals, up to 3 mg. Excessive dosage may precipitate seizures.
Flunisolide (AeroBid, AeroBid-M, Nasalide)	Corticosteroid	Aerosol: 250 mcg puff	2-4 inhalations bid; may cause oral candidiasis; not indicated for acute asthma; AeroBid-M has a menthol taste.
Fluocinolone (Synalar)	Corticosteroid	Spray: 25 mcg spray Oint: 0.25% [15, 60 gm] Soln: 0.01% [20, 60 mL] Cream: 0.025, 0.01, 0.2% [15, 60 gm]	2 sprays in each nostril bid Apply to affected area(s) bid-qid.
Fluocinonide (Lidex)	Corticosteroid	Oint, cream: 0.05% [30, 60, 120 gm]	Apply to affected area(s) bid-qid; high potency, skin atrophy, systemic steroid effects.

Fluoxetine (Prozac,	Antidepressant	Caps: 10, 20, 40 mg Oral soln: 20 mg/5 mL	Depression: 10-20 mg qam; max 80 mg qam. SSRI, sexual dysfunction, weight loss, irritability. Obsessive-compulsive disorder: 20 mg qam; max 80 mg qam. Alcoholism: 40 mg qam; max 80 mg qam. Anorexia nervosa: 20 mg qam; max 80 mg qam. Attention-deficit hyperactivity disorder: 20 mg qam; max 60 mg qam. Bipolar II affective disorder: 20 mg qam; max 80 mg qam. Personality disorder: 5 mg qam; max 80 mg qam. Narcolepsy: 20 mg qam; max 40 mg qam. Chronic daily migraine headache: 20 mg qam; max 40 mg qam. Panic disorder: 10 mg qam; max 60 mg qam. Diabetic peripheral neuropathy: 5 mg qam; max 40 mg qam.
Prozac Weekly, Sarafem)		Tab EC: 90 mg Caps: 10, 20 mg	1 tab weekly
Fluphenazine (Prolixin, Permitil)	Antipsychotic	Tab: 1, 2.5, 5, 10 mg Elixir: 2.5 mg/mL Inj: 2.5 mg/mL	Premenstrual dysphoric disorder: 20 mg qam; max 80 mg qam. 0.5-10 mg qd; cholestatic jaundice, neuroleptic malignant syndrome, extrapyramidal symptoms. 1.25-2.5 mg IM qd-tid
Fluphenazine deca- noate (Prolixin, Decanoate)	Antipsychotic	Tab: 1, 2.5, 5, 10 mg Inj: 2.5 mg/mL Elixir: 2.5 mg/5 mL	12.5-25 mg PO/IM q4-6 wk; reduce dosage in elderly; monitor liver function; may cause drowsiness
Flurandrenolide (Cordran)	Corticosteroid	Cream, oint: 0.025, 0.05% [30, 60 gm]	Apply to affected area(s) bid-qid
Flurazepam (Dalmane)	Sedative Hypnotic	Tab: 15, 30 mg	15-30 mg qhs; reduce dosage in elderly; long half-life may cause daytime sedation.
Flurbiprofen (Ansaid)	NSAID	Tab: 50, 100 mg	25-100 mg qd-tid

Drug	Category	Dosage Forms	Dosage, Side Effects, Interactions, and Comments
Fluticasone (Flovent, Flovent Diskus, Flonase, Cutivate)	Corticosteroid	Inhaler: 44, 110, 220 mcg/puff Diskus inh: 50, 100, 250 mcg Nasal spray: [9, 16 gm] Cream: 0.05% [30, 60 gm] Oint: 0.005% [15, 30, 60 gm]	2 inhalations bid; not for acute bronchospasm; rinse mouth after each use to prevent oropharyngeal candidiasis. 100-500 mcg by inhalation bid. 1-2 sprays per nostril qd-bid. Apply to affected areas bid-qid.
Fluvastatin (Lescol, Lescol XL)	Antihyperlipidemic	Cap: 20, 40 mg Tab ER: 80 mg	20-40 mg qhs; reduces LDL cholesterol 80 mg PO qhs.
Fluvoxamine (Luvox)	Antidepressant	Tab: 25, 50, 100 mg	50 mg qhs, increase by 50 mg increments q4-7 days prn until 50-150 mg bid; also used for obsessive-compulsive disorder. All SSRIs use can cause impotence and abnormal ejaculation. Contraindicated with MAO-inhibitors, cisapride, astemizole.
Folic acid (Folvite)	Mineral	Tab: 0.1, 0.4, 0.8, 1 mg Inj: 5, 10 mg/mL	1 mg PO/IV/IM qd
Fomepizole (Antizol)	Antidote	Inj: 1 gm/mL	Loading dose 15 mg/kg IV, then 10 mg/kg q12h x 4, then 15 mg/kg q12h until ethylene glycol level < 20 mg/dL; infuse over 30 min.
Formoterol (Foradil)	Bronchodilator	Inh: 12 mcg/cap	1 cap by aerosolized inhalation bid. Not for acute bronchospasm; tremor, tachycardia, insomnia.
Foscarnet (Foscavir)	Antiretroviral	Inj: 24 mg/mL	Cytomegalovirus retinitis induction: 60 mg/kg IV q8h x 3 wks Maintenance: 90-120 mg/kg IV qd; adjust dose in renal failure; nephrotoxic, hypocalcemia. Possible seizures with ciprofloxacin.
Fosfomycin (Monurol)	Antibiotic	Granules: 3 gm	3 gm in 3-4 oz. water once. For uncomplicated acute cystitis only.
Fosinopril (Monopril)	ACE-inhibitor	Tab: 10, 20, 40 mg	10-40 mg qd; decrease dosage in the elderly; persistent nonproductive cough, orthostatic hypotension after first dose

Fosphenytoin (Cerebyx)	Anticonvulsant	Inj: 150, 750 mg	20 mg/kg IV/IM at max rate of 75 mg/min, then 150 mg IV/IM q8h. Metabolized to active metabolite, phenytoin; fosphenytoin 150 mg = phenytoin 100 mg; fosphenytoin may be given IM, unlike phenytoin.
Frovatriptan (Frova)	Antimigraine	Tab: 2.5 mg	2.5 mg PO qd with fluids; MR x 1 after 2 hours (max 3 tabs/24h) Tremor, anxiety, tachycardia.
Furosemide (Lasix)	Diuretic	Tab: 20, 40, 80 mg Soln: 40 mg/5 mL; 10 mg/mL [60, 120 mL] Inj: 10 mg/mL	Oral: 20-80 mg qd-bid; monitor magnesium and potassium levels; high doses in the presence of azotemia may cause ototoxicity Parenteral: 20-80 mg IV qd-q6h, max 1000 mg/d or 20-40 mg/hr IV infusion (1000 mg in 100 mL of D5W or NS; conc: 10 mg/mL); IV infusion is more effective than large, intermittent IV doses.
Gabapentin (Neurontin)	Anticonvulsant	Cap: 100, 300, 400 Tab: 600 mg	300-400 mg bid-tid; max 1800 mg/day. Adjunctive therapy; somnolence, dizziness, nystagmus. Adjust in renal failure.
Galantamine (Reminyl)	Alzheimer's agent	Tab: 4, 8, 12 mg	4-8 mg bid; max 16 mg bid. Nausea, vomiting. Ketoconazole and paroxetine increase the galantamine by 30-40%.
Ganciclovir (Cytovene)	Antiretroviral	Vial: 500 mg Cap: 250 mg	Cytomegalovirus retinitis induction: 5 mg/kg IV bid x 14-21 days, followed by maintenance of 5 mg/kg IV qd or 6 mg/kg IV 5 days a week; neutropenia, thrombocytopenia; adjust in renal failure Oral Maintenance: 1000 mg PO tid or 500 mg 6 times a day with food; oral therapy is less effective than IV therapy.
Gatifloxacin (Tequin)	Antibiotic	Tab: 200, 400 mg Inj: 200, 400 mg	400 mg PO/IV q24h for bronchitis, sinusitis, community-acquired pneumonia, cystitis, pyelonephritis.
Gemfibrozil (Lopid)	Antihyperlipidemic	Cap: 300 mg Tab: 600 mg	Uncomplicated urethral or rectal gonorrhoea: 400 mg PO/IV once. 600 mg bid, 30 min before meals. GI symptoms, hepatotoxic.

Drug	Category	Dosage Forms	Dosage, Side Effects, Interactions, and Comments
Gentamicin (Garamycin)	Antibiotic	Inj: 2, 10, 40, 60, 80, 100 mg Ophth soln: 3 mg/mL [5 mL] Ophth oint: 3 mg/gm [3.5 gm]	2 mg/kg, then 1-1.5 mg/kg IV q8h; monitor levels; nephrotoxic, ototoxic; decrease dose in azotemia. Once daily dosing: 5 mg/kg IV q24h. Maintain peak level of 20-24 and trough <0.1 mcg/mL. Not suitable in azotemia. 1-2 drops in affected eye(s) qid Apply 0.5 inch to affected eye(s) bid-tid
Glargine (Lantus)	Hypoglycemic	Inj: 100 units/mL	Initially 10U SC qhs. Faster onset and longer duration than NPH.
Glimepiride (Amaryl)	Second generation sulfonylurea	Tablets: 1, 2, 4 mg	Starting dose: 1-2 mg qAM with breakfast. Maintenance: 1-4 mg qAM; max 8 mg/d; monotherapy or combination with insulin.
Glipizide (Glucotrol, Glucotrol XL)	Hypoglycemic	Tab: 5, 10 mg Tab ER: 5, 10 mg	Initially 5 mg qd, increase by 5 mg increments; max 20 mg/day; GI upset common, SIADH, leukopenia, thrombocytopenia.
Glucagon (Glucagon)	Hyperglycemic	Vial: 1, 10 mg vials	1 mg IV bolus, then 1-2 mg/h IV
Glyburide (Micronase, DiaBeta, Glynase PresTab)	Hypoglycemic	Tab: 1.25, 2.5, 5 mg Micronized: 1.5, 3, 6 mg	Initially 1.25-5 mg qd, increase if necessary to max 20 mg/day in 2 divided doses. Initially 1.5-3 mg qd; maintenance 0.75-12 mg qd
Granisetron (Kytril)	Antiemetic	Tab: 1 mg Inj: 1 mg/mL	1 mg bid or 2 mg qd an hour prior to chemotherapy. Leukopenia, anemia. 10 mcg/kg IV over 5 min; 30 min prior to chemo.
Griseofulvin (Fulvicin PG, Fulvicin UF, Grifulvin V)	Antifungal	Fulvicin PG: 125, 165, 250 mg Fulvicin UF: 250, 500 mg Grifulvin V: 125, 250, 500 mg	330-500 mg daily in single or two divided doses; hepatotoxic; monitor LFTs with extended therapy; GI absorption is improved with food

Guaifenesin (Robitussin, Organidin)	Expectorant	Syr: 100 mg/5 mL [120 mL] Cap: 200, 300 mg	100-400 mg q4h prn One cap bid
Guanabenz (Wytensin)	Antihypertensive	Tab: 4, 8 mg	4-8 mg bid, max 32 mg bid
Guanfacine (Tenex)	Antihypertensive	Tab: 1, 2 mg	1-3 mg qhs; sedation, drowsiness, rebound hypertension
Halobetasol (Ultravate)	Corticosteroid	Cream, oint: 0.05% [15, 45 gm]	Apply to affected area bid
Haloperidol (Haldol)	Antipsychotic	Tab: 0.5, 1, 2, 5, 10, 20 mg Inj: 2, 5 mg/mL	0.5-5 mg bid-tid; extrapyramidal symptoms; reduce in elderly; alpha-blocking effects. 2-5 mg IM/IV q4-8h
Haloperidol decanoate (Haldol Decanoate)	Antipsychotic	Inj: 50, 100 mg/mL	25-100 mg IM q4 weeks; long acting. Reduce dose in elderly; extrapyramidal symptoms, alpha-blocking effects, high doses may prolong QT interval.
Heparin	Anticoagulant	Inj: 10, 100, 1000, 10,000 U/mL	75-100 U/kg IV push, then 15 U/kg/hr; or 5000 U SQ q8h; titrate to PTT 1.5-2 x control; thrombocytopenia; antidote is protamine sulfate.
Hepatitis A vaccine (Havrix)	Vaccine	Inj: 1 mL	1 mL IM; followed by 1 mL IM 6-12 months later. 96% effective. For immediate protection, give immune globulin (0.02 mL/kg IM) simultaneously.
Hepatitis B vaccine (Recombivax-HB, Engerix-B)	Vaccine	Inj: 10 mcg/mL Inj: (dialysis form): 40 mcg/mL Inj: 20 mcg/mL	1 mL IM/SC; repeat in 1 and 6 months. Immunity to hepatitis B; also protects against hepatitis D.
Hetastarch (Hespan)	Volume expander	Inj: 500 mL	500-1000 mL IV over 30-60 min; max 1500 mL/day; platelet dysfunction
Hydralazine (Apresoline)	Vasodilator	Tab: 10, 25, 50, 100 mg Inj: 20 mg/mL	10-100 mg qid 10-50 mg IV/IM q3-6h; 0.1-0.5 mg/kg/dose

Drug	Category	Dosage Forms	Dosage, Side Effects, Interactions, and Comments
Hydrochlorothiazide (Esidrix)	Diuretic	Tab: 25, 50, 100 mg	25 mg qd; may increase to 50-100 mg qd; hypokalemia, hyperuricemia, hyperlipidemia
Hydrocortisone (Solu-Cortef)	Corticosteroid	Inj: 100, 200, 500, 1,000 mg	200-500 mg IV q4-6h
Hydrocortisone (Cortef, Cortenema, Hytone, ProctoCream-HC)	Corticosteroid	Tab: 5, 10, 20 mg Enema: 100 mg/60 mL Cream, oint: 1, 2.5% [15, 30, 60 gm] Lotion: 1, 2.5% [60, 120 mL] Cream: 2.5% [30 gm]	20-240 mg qd 1 enema PR qhs Apply to affected area(s) bid-qid Apply to affected area(s) bid-qid.
Hydrocortisone acetate (Cort-dome, Anusol HC, Cortifoam)	Corticosteroid	Cream: 0.5, 1% [30 gm] Suppository: 10, 25 mg Aerosol foam: 1, 10% [20 gm]	Apply to affected area(s) bid-qid prn One suppository PR bid-qid Apply to affected area(s) tid-qid
Hydrocortisone Valerate (Westcort)	Corticosteroid	Cream, oint: 0.2% [15, 45, 60, 120 gm]	Apply to affected area(s) bid-tid; low potency.
Hydromorphone (Dilaudid)	Narcotic Analgesic	Tab: 1, 2, 3, 4 mg Inj: 1, 2, 3, 4 mg	2-4 mg q4-6h prn pain 1-4 mg IM/SC/IV q4-6h
Hydroxychloroquine (Plaquenil)	Antimalarial Antirheumatic	Tab: 200 mg	Malaria: 200-600 mg qd Rheumatoid arthritis: 400-600 mg qd x 1-2 weeks, then 200-400 mg qd; dose-dependent retinopathy.
Hydroxyzine (Vistaril, Atarax)	Antihistamine	Tab: 10, 25, 50, 100 mg Inj: 25, 50, 100 mg/mL	25-100 mg qid; drowsiness, anticholinergic.
Hyoscyamine (Levsin, Levsinex)	Antispasmodic, GI	Tab: 0.125 mg SR cap: 0.375 mg	25-100 mg IM q4-6h prn 0.125-0.25 mg tid-qid 0.375-0.75 mg bid

Ibuprofen (Advil, Medipren, Motrin)	NSAID	Tab, cap: 100, 200, 300, 400, 600, 800 mg	400-800 mg tid-qid prn; GI upset, bleeding, nephropathy.
Ibutilide (Corvert)	Antiarrhythmic Class III	Inj: 1 mg/vial	1 mg IV over 10 min (0.01 mg/kg if <60 kg), may repeat x 1. For cardioversion of atrial fibrillation or flutter; may prolong QT.
Idoxuridine (Herplex)	Antiviral	Ophth soln: 0.1% [15 mL]	One drop in affected eye(s) q3h x 7-21 days. HSV 1 and 2
Imipramine (Tofranil, Tofranil PM)	Antidepressant	Tab: 10, 25, 50 mg Inj: 25 mg/2 mL Cap: 75, 100, 125, 150 mg	75-150 mg qhs; high sedation, high anticholinergic 25-50 mg IM bid-tid 75-200 mg qhs; max 300 mg.
Imipenem (Primaxin)	Antibiotic	Inj: 250, 500 mg	0.5-1.0 gm IV q6-8h. Reduce dose in azotemia; seizures.
Indapamide (Lozol)	Diuretic	Tab: 1.25, 2.5 mg	1.25-5 mg qd
Indinavir (Crixivan)	Antiretroviral Protease inhibitor	Caps: 200 mg, 400 mg	800 mg q8h; use in combination to prevent resistance; nephrolithiasis (8%); maintain fluid intake; hyperbilirubinemia.
Indomethacin (Indocin)	NSAID Antipyretic	Cap: 25, 50 mg Cap SR: 75 mg Inj: 1 mg	25-50 mg tid; contraindicated in renal failure. 75 mg qd 1 mg IV q12-24h x 3 doses
Infliximab (Remicade)	Chrohn's disease	Inj: 100 mg	5 mg/kg IV over 2 hrs x 1 only. Fever, chill, dyspnea during infusion.
Influenza virus	Vaccine	Inj: 0.5 mL	0.5 mL IM in October or November of each year
Interferon Gamma-1B (Actimmune)	Antiosteoporotic	Inj: 100 mcg/0.5mL	50 mcg/m ² if BSA>0.5m ² and 1.5 mcg/kg if BSA <0.5m ² 3 times weekly. Delays progression of disease in malignant cases. Decreased mental status, cardiomyopathy, myelosuppression.
Infliximab (Remicade)	Immuno-suppressant	Inj: 100 mg	Rheumatoid arthritis: 3 mg/kg IV infusion; MR at 2 and 6 weeks, then every 8 weeks. Crohn's disease: 5 mg/kg IV infusion x 1 only. Coughing, opportunistic infection.
Insulin lispro (Humalog)	Hypoglycemic	Inj: 100 U/mL	Give SQ within 15 min of meal; use with long-acting NPH insulin. Faster onset and shorter duration than regular insulin.

Drug	Category	Dosage Forms	Dosage, Side Effects, Interactions, and Comments
Insulin regular (Humulin-R)	Hypoglycemic	Inj: 100 U/mL [10 mL]	Subcutaneous injection: 2-4 injections per day. Give 2/3 of total insulin requirement as NPH and 1/3 as regular; requires titration. IV infusion: 3-5 U/h (50 U in 250 mL of normal saline; flush IV tubing with 20 mL of soln before starting infusion).
Insulin NPH (Humulin-N)	Hypoglycemic	Inj: 100 U/mL [10 mL]	Once or twice daily dosing; 2/3 of total insulin is given as NPH and 1/3 as regular. 20-60 U/day; requires titration.
Interleukin 11 (Neumega)	Megacaryocyte-stimulating factor	Inj: 5 mg/vial	50 mcg/kg SC qd x 21 or until platelet >50,000. Fever, edema, atrial fibrillation
Ipratropium (Atrovent)	Bronchodilator	Inhaler: [14 gm] Nasal spray: 0.03, 0.06% Inh soln: 500 mcg/2.5mL	2-4 puffs tid-qid; minimal anticholinergic effects 2 sprays intranasally tid-qid; 0.06% solution is for allergic rhinitis; 0.03% is for rhinorrhea from the common cold. 500 mcg nebulized 3-4 times a day
Irbesartan (Avapro)	Angiotensin-II antagonist	Tab: 75, 150, 300 mg	Initially 150 mg qd, range 75-300 mg qd; hypotension common.
Iron sucrose (Venofer)	Mineral	Inj: 100 mg	100 mg IV 3 times/week at 20 mg/min through the dialysis line. Use with erythropoietin. Hypotension, flushing, urticaria, leg cramps.
Isometheptene (Midrin)	Antimigraine	Tab: 65 mg	Initially 2 tab, then 1 tab q1h prn; up to 5 tab within 12h period
Isoniazid (INH)	Tuberculostatic	Tab: 100, 300 mg Syr: 50 mg/5 mL Inj: 100 mg/mL	300 mg PO/IV qd; hepatitis; monitor LFTs if >35 years. Add pyridoxine 50-100 mg qd to prevent peripheral neuropathy. Enhances the effect of phenytoin. Consumption of tyramine-rich foods may cause palpitations, tachypnea, urticaria.
Isoproterenol (Isuprel)	Beta-1 and 2 agonist	Inj: 0.2 mg/mL	5 mcg/min IV infusion (1 mg in 500 mL of D5W) for high grade atrioventricular block.

Isosorbide (Isordil)	Antianginal	Tab SL: 2.5, 5, 10 mg Tab: 5, 10, 20, 30 40 mg	2.5-10 mg SL tid 5-40 mg tid-qid; tolerance less common with shorter acting agents.
Isosorbide mono-nitrate (ISMN, Imdur)	Antianginal	Tab SR: 40 mg ISMN tab: 20 mg Imdur tab: 30, 60, 120 mg	40 mg bid 20 mg bid One tab qd
Isotretinoin (Accutane)	Anti-acne	Cap: 10, 20, 40 mg	0.5-2 mg/kg/day in divided doses; teratogenic; contraception mandatory. Suicidal ideation
Isradipine (DynaCirc, DynaCirc CR)	Calcium-blocker	Tab: 2.5, 5 mg Tab CR: 5, 10 mg	2.5-5 mg bid; max 20 mg/day 5 mg qd; max 20 mg/day
Itraconazole (Sporanox)	Antifungal	Cap: 100 mg	Blastomycosis, histoplasmosis, aspergillosis: 200 mg bid. Oropharyngeal, esophageal candidiasis: 100 mg qd. Onychomycosis: 200 mg bid x 7 days each month x 3 months. Vaginal candidiasis: 200 mg qd x 3; cutaneous mycosis: 100 mg qd x 12-18 months. Take with food; headache, nausea, diarrhea.
Ivermectin (Stromectol)	Anthelmintic	Tab: 6 mg	Strongyloidiasis: 200 mcg/kg once only. Onchocerciasis: 150 mcg/kg; repeat q3-12 months; pruritus, rash, lymph node enlargement.
Kaolin (Donnagel, Kaopectate)	Antidiarrheal	Tab: 750 mg Liq: 600 mg/15 mL [180, 480 mL]	Two tabs initially, then one tab tid prn. 2 tablespoonfuls after each loose bowel movement; max 7 doses/day.
Ketoconazole (Nizoral)	Antifungal	Tab: 200 mg	Oropharyngeal candidiasis: 200-400 mg qd Esophagitis: 200 mg bid; hepatotoxic; long-term use requires liver function monitoring; poor absorption in low gastric acid states.
	Antiseborrheic	Cr: 2% [15, 30, 60gm] Shampoo: 2% [4 oz]	Apply to affected area(s) qd-bid. Shampoo twice a week x 4 wk; equally effective to selenium shampoos, but more expensive and irritating.

Drug	Category	Dosage Forms	Dosage, Side Effects, Interactions, and Comments
Ketoprofen (Orudis, Oruvail)	NSAID Analgesic	Tab: 25, 50, 75 mg Cap SR: 200 mg	25-50 mg q6-8h prn; max 300 mg/day 1 cap qd
Ketorolac (Toradol, Acular)	NSAID Analgesic Antiallergic	Inj: 15, 30 mg Tab: 10 mg Ophth soln: 0.5% [5, 10 mL]	30-60 mg IM/IV, then 15-30 mg IM/IV q6h 10 mg q4-6h prn Instill one drop in affected eye(s) qid.
Ketotifen (Zaditor)	Ophth antihistamine	Ophth soln: 0.025% (5, 7.5 mL)	1 drop in the affected eye(s) q8-12h.
Labetalol (Trandate, Normodyne)	Antihypertensive	Tab: 100, 200, 300 mg Inj: 5 mg/mL	100-400 mg bid; max 1200 mg/day. Ideal for decreasing pulse pressure in the presence of an aneurysm. 20 mg IV bolus (0.25 mg/kg), then 20-80 mg IV q10-15min prn or 0.5-2.0 mg/min IV infusion.
Lactulose (Chronulac, Duphalac)	Laxative	Syr: 10 gm/15 mL [480 mL]	30 mL qhs Hepatic encephalopathy: 30-45 mL PO tid-qid, or 250 mL PR qid [300 mL of lactulose combined with 700 mL of water]; instill via rectal tube, then clamp tube for 45 min.
Lamivudine (Epivir, 3TC, Epivir-HBV)	Antiretroviral	Tab: 150 mg Oral soln: 10 mg/mL Tab: 100 mg Oral soln: 5 mg/mL	HIV: 150 mg po bid in combination therapy; adjust dose in azotemia; nausea, headache. Chronic Hepatitis B: 100 mg po qd. Reduce dose in azotemia.
Lamotrigine (Lamictal)	Anticonvulsant	Tab: 25, 100, 150, 200 mg	Initially: 25-50 mg qd for 2 weeks, then 50-250 mg bid; adjunctive therapy.
Lansoprazole (Prevacid)	Proton pump inhibitor	Caps: 15, 30 mg Susp: 3 mg/mL	Peptic ulcer: 15 mg qd Reflux esophagitis: 30 mg qd
Latanoprost (Xalatan)	Antiglaucoma	Ophth soln: 0.005% (2.5mL)	One drop qhs. Photophobia, iris hyperpigmentation.
Leflunomide (Arava)	Antirheumatic	Tab: 10, 20, 100 mg	100 mg qd x 3, then 10-20 mg qd. Alopecia, rash, anaphylaxis, diarrhea, and elevation of LFTs. No advantage over methotrexate.

Lepirudin (Refludan)	Anticoagulant (thrombin-inhibitor)	Inj: 50 mg/vial	0.4 mg/kg IVP, then 0.15 mg/kg/hr IV infusion. Reduce bolus dose to 0.02mg/kg IV if GFR < 50mLs/min. Reduce infusion dose by 50% if GFR < 50mLs/min, by 70% if GFR < 35mLs/min, and by 85% if GFR < 25mLs/min. Monitor aPTT. Allergic reactions common; no antidote exists, removed by hemodialysis.
Leucovorin calcium (Wellcovorin)	Folic acid derivative	Tab: 5, 10, 15, 25 mg Inj: 50, 100, 350 mg	10 to 20 mg PO/IV/IM qd (up to 50 mg qd); used with pyrimethamine in treatment of toxoplasmosis.
Levalbuterol (Xopenex)	Bronchodilator	Inh: 0.63 mg/3mL, 1.25 mg/3mL	0.63-1.25 mg by nebulization q6-8h prn. Nervousness, tremors. Nebulizer use only; no advantage over albuterol.
Levetiracetam (Keppra)	Anticonvulsant	Tab: 250, 500 mg	500 mg bid; max 1500 mg bid. Asthenia, somnolence
Levocabastine (Livostin)	Ophthalmic anti-histamine	Ophth soln: 5 mL	One drop in each eye qid
Levodopa (Larodopa, Dopar)	Antiparkinsonian	Tab: 100, 250, 500 mg Cap: 100, 250, 500 mg	Initial dose of 250 mg qid, increased as tolerated to 1-2 gm/day.
Levofloxacin (Levaquin, Quixin)	Antibiotic	Tab: 250, 500 mg Inj: 250, 500 mg Ophth soln: 0.5% (2.5, 5 mL)	Cystitis and pyelonephritis: 250 mg qd; bronchitis and pneumonia: 500 mg qd. Instill 1-2 drops in affected eyes 8 times per day x 2 days, then qid for total of 7 days.
Levonorgestrel-RIS (Minera)	Contraceptive	Intrauterine system: 52 mg levonorgestrel	Insert a single unit into the uterine cavity once every 5 years. Do not use if history of PID. Syncope, depression, acne.
Levothyroxine (Synthroid)	Thyroid hormone	Tab: 25, 50, 75, 88, 100, 112, 125, 150, 175, 200, 300 mcg	25-200 mcg PO/IV qd. IV dose is 2/3 of oral dose.
Lidocaine (Xylocaine)	Antiarrhythmic Class Ib	Inj: 100 mg/5 mL, 2 gm/500 mL Oint: 2.5, 5% [50 gm] Oral soln: 2% [100, 450 mL]	50-100 mg IV, then 2-4 mg/min IV infusion (2 gm in 500 mL D5W; conc=4 mg/mL). Apply to affected area(s) prn 30 mL swish and spit prn

Drug	Category	Dosage Forms	Dosage, Side Effects, Interactions, and Comments
Lindane (Kwell)	Scabicide	Cream: 1% [60 gm] Lotion: 1% [30, 60 mL] Shampoo: 1% [30, 60 mL]	Scabies: Apply thin layer from neck down and wash off after 10 hours. Pediculosis: Apply shampoo to hair; add water after 4 min, then rinse and towel dry.
Linezolid (Zyvox)	Antibiotic	Tab: 400, 600 mg Inj: 2 mg/mL	600 mg PO/IV q12h for VRE and MRSA infections. 400 mg PO q12h for uncomplicated skin infections. Active against <i>E. faecium</i> , <i>E. faecalis</i> , and MRSA. Thrombocytopenia, myelosuppression.
Lisinopril (Zestril, Prinivil)	ACE-inhibitor	Tab: 2.5, 5, 10, 20, 30, 40 mg	5-40 mg qd; dizziness, headache, persistent cough. Hyperkalemia in renal failure; improved survival if used within 24 hours of myocardial infarction.
Lithium carbonate (Eskalith, Lithobid, Eskalith CR)	Mood stabilizer	Cap: 150, 300, 600 mg Lithobid SR: 300 mg Eskalith CR: 450 mg	300 mg tid-qid 300-600 mg bid; titrate to levels; polyuria, tremor common; adjust in renal impairment; hyponatremia potentiates toxicity. ACE-Inhibitors may elevate lithium levels.
Lodoxamide (Alomide)	Mast cell stabilizer	Ophth soln: 0.1% [10 mL]	1-2 drops in each eye qid; effective for contact lens conjunctivitis; several days required for effect.
Lomefloxacin (Maxaquin)	Antibiotic	Tab: 400 mg	Lower respiratory and urinary tract infections: 400 mg qd. Uncomplicated gonorrhea: 400 mg once; photosensitivity.
Loperamide (Imodium)	Antidiarrheal	Cap, tab: 2 mg	2-4 mg q6h prn; max 16 mg/day; OTC
Loracarbef (Lorabid)	Antibiotic	Cap: 200, 400 mg Susp: 100, 200 mg/5mL	200-400 mg bid; covers community-acquired lower and upper respiratory tract infections.
Loratadine (Claritin)	Antihistamine	Tab: 10 mg Syr: 1 mg/mL RediTab: 10 mg	One tab qd on an empty stomach. QT prolongation not reported with azole antifungals or macrolide antibiotics. One tab qd. Dissolves on the tongue for quick action.
Lorazepam (Ativan)	Anxiolytic	Tab: 0.5, 1, 2 mg Oral soln: 2 mg/mL Parenteral: 2, 4 mg/mL	1-2 mg tid-qid 0.5-4 mg IV/IM q4-6h prn; decrease in elderly

Losartan (Cozaar)	Angiotensin-II receptor antagonist	Tab: 25, 50 mg	25-50 mg qd-bid; hyperkalemia in renal insufficiency, cough or angioedema rare.
Lovastatin (Mevacor)	Antihyperlipidemic	Tab: 10, 20, 40 mg	20-80 mg qhs; take with food; monitor LFTs; headache, myositis.
Loxapine (Loxitane)	Antipsychotic	Tab: 5, 10, 25, 50 mg Liq conc: 25 mg/mL Parenteral: 50 mg/mL Inj: 30 mcg/0.5 mL	10 mg tid, titrate to 60-100 mg/day in divided doses; max 250 mg/day 12.5-50 mg IM q4-12h 0.5 mL IM, repeat in 1 and 12 months. 78% efficacy.
Lyme disease vaccine (LYMERix)	Vaccine		
Magaldrate (Riopan)	Antacid	Susp: 540 mg/5 mL	15-30 mL tid and qhs
Magnesium chloride (Slow-Mag)	Mineral	Tab: 64 mg	1-2 tabs bid (64 mg elemental Mg/tab)
Magnesium gluconate (Magtrate)	Mineral	Tab: 500 mg	1-2 tabs bid-tid (29 mg elemental Mg/tab)
Magnesium hydroxide (Maalox, Mylanta)	Antacid	Susp: 400 mg/5 mL	15-30 mL tid and qhs
Magnesium oxide (Mag-Ox 400)	Mineral	Tab: 400 mg	1-2 tabs bid (241mg elemental Mg/tab)
Magnesium sulfate	Mineral	Inj: 10, 12.5, 50%	2-4 gm in 100 mL of D5W at 1 gm/hr; reduce to 1-2 g in azotemia.
Mannitol (Osmitrol)	Osmotic diuretic	Inj: 5, 10, 15, 20, 25%	0.5-1.0 gm/kg IV; may worsen heart failure.
Mazindol (Sanorex)	Anorexiant	Tab: 1, 2 mg	1 mg qd-tid an hour before meals. GI upset.
Mecizine (Antivert)	Antivertigo	Tab: 12.5, 25, 50 mg	25-50 mg tid-qid; anticholinergic effects; OTC

Drug	Category	Dosage Forms	Dosage, Side Effects, Interactions, and Comments
Medroxyprogesterone (Provera, Depo-Provera)	Progestin Contraceptive	Tab: 2.5, 5, 10 mg Inj: 150 mg/mL	2.5 mg qd continuously or 5 mg qd for 5-10 days on the 16 th day of cycle; contraindicated in active thromboembolic or hepatic disease. 150 mg IM q3 months; initiation within 5 days of menses ensures patient is not pregnant and contraception is immediate; pregnancy test if >15 weeks since last dose; fertility delayed for up to 1 year after discontinuation.
Megestrol (Megace)	Appetite stimulant	Tab: 20, 40 mg	80 mg qid; max 800 mg qd.
Meloxicam (Mobic)	NSAID	Tab: 7.5 mg	7.5 mg qd; max 15 mg qd. GI ulceration.
Meningococcal vaccine (Menomune)	Vaccine	Inj: 50 mcg/0.5 mL	0.5 mL SC x 1. Fever, headache, malaise.
Meperidine (Demerol)	Narcotic Analgesic	Tab: 50, 100 mg Syr: 50 mg/5 mL Inj: 50, 100 mg/mL	50-100 mg q4-6h prn; respiratory depression; accumulation of normeperidine in renal insufficiency may result in seizures. 25-100 mg IV/IM q4-6h prn; Phenergan, 25 mg, IV/IM is added to enhance analgesia and prevent nausea.
Meropenem (Merrem)	Antibiotic	Inj: 500 mg	500-1000 mg IV q8h; reduce in renal insufficiency; similar to imipenem-cilastatin for resistant infections.
Mesalamine (Asacol, Pentasa, Rowasa)	Ulcerative colitis	Tab: 400 mg Cap: 250 mg Suppository: 500 mg Rectal susp: 4000 mg/60 mL	400-800 mg tid 1 gm qid One suppository PR bid One enema PR qhs; retain for 6-8h
Metformin (Glucophage, Glucophage XR)	Antidiabetic	Tab: 500, 850, 1000 mg Tab XR: 500 mg	500-1000 mg PO bid with meals. Metabolic acidosis in presence of azotemia; GI upset; lactic acidosis in the presence of heart failure, shock, hepatic or renal failure, alcohol intoxication.
Methimazole (Tapazole)	Anti-thyroid	Tab: 5, 10 mg	500-2000 mg PO once daily 5-20 mg tid; monitor for agranulocytosis, hepatitis.

Methocarbamol (Robaxin)	Muscle relaxant	Tab: 500, 750 mg	500-1000 mg PO/IV q4-6h; drowsiness.
Methotrexate (Rheumatrex)	Antirheumatic	Tab: 2.5 mg	7.5 mg once weekly or 2.5 mg q12h x 3 doses once weekly; max 20 mg weekly; monitor CBC, LFTs monthly. Mandatory contraception, teratogenic.
Methyldopa (Aldomet)	Antihypertensive	Tab: 125, 250, 500 mg Inj: 250 mg	250-500 mg PO/IV q6h; may cause impotence.
Methylphenidate (Ritalin, Metadate ER, Metadate CD)	CNS stimulant	Tab: 5, 10, 20 mg Tab ER: 10, 20 mg Cap ER: 20 mg	5-20 mg po AC tid 10-30 mg AC bid 20-60 mg AC qAM
Methylprednisolone acetate (Depo- Medrol)	Glucocorticoid	Inj: 20, 40, 80 mg	20-80 mg IM q1-4 wk
Methylprednisolone (Medrol, Solu- Medrol)	Glucocorticoid	Tab: 2, 4, 8, 16, 24, 32 mg Inj: 40, 125, 500, 1000 mg	30-10 mg qd; hyperglycemia, fluid retention. 40-60 mg IV q6h
Metoclopramide (Reglan)	Antiemetic	Tab: 5, 10 mg Liq: 5 mg/5 mL Inj: 10 mg/mL	5-10 mg PO/IV/IM q6h, max 30 mg q6h; drowsiness, fatigue; dystonic reactions may occur.
Metolazone (Zaroxolyn)	Diuretic	Tab: 2.5, 5, 10 mg	2.5-10 mg qd; max 20 mg/d; 30 min before loop diuretic.
Metoprolol (Lopressor, Toprol XL)	Beta-blocker	Tab: 50, 100 mg Tab ER: 50, 100, 200 mg Inj: 5 mg	25-100 mg bid; heart failure: 12.5 mg bid 50-200 mg qd 5 mg IV q6h

Drug	Category	Dosage Forms	Dosage, Side Effects, Interactions, and Comments
Metronidazole (Flagyl, MetroGel, MetroGel Vaginal)	Antibiotic	Tab: 250, 375, 500 mg Inj: 500 mg Vag gel: 0.75% [70 gm]	250-750 mg tid x 7 days; disulfiram-like reaction, metallic taste. 500 mg IV q6-8h One applicatorful intravaginally bid x 5 days
Mexiletine (Mexitil)	Antiarrhythmic Class IB	Cap: 150, 200, 250 mg	150-300 mg tid; confusion and nausea common.
Miconazole nitrate (Monistat-3, Monistat-7, Monistat, Micatin)	Antifungal	Monistat-3 suppository: 200 mg [3/pak] Monistat-7 suppository: 100 mg [7/pak] Monistat cr: 2% [45 gm] Micatin cr: 2% [15, 30 gm]	One suppository intravaginally qhs x 3 One 1 suppository intravaginally qhs x 7 One applicatorful intravaginally qhs x 7 Apply to affected areas bid.
Midazolam (Versed)	Hypnotic	Inj: 1, 5 mg/mL	2-5 mg IV doses q1-4h prn; or 0.02-0.1 mg/kg/hr IV infusion.
Midodrine (ProAmatine)	Pressor	Tab: 2.5, 5 mg	Initially 2.5 mg tid, titrate to 10 mg tid. Paresthesia, piloerection, urinary retention; used for orthostatic hypotension.
Miglitol (Glyset)	Hypoglycemic	Tab: 25, 50, 100 mg	25 mg tid, then 50-100 mg tid with the first bite of each meal. Delays carbohydrate absorption. Rash, GI upset.
Milrinone (Primacor)	Inotropic agent	Inj: 1 mg/mL [10, 20 mL]	50 mcg/kg IV over 10 min, then 0.375-0.75 mcg/kg/min infusion (40 mg in 200 mL NS); proarrhythmic
Minocycline (Minocin)	Antibiotic	Tab: 50, 100 mg	100-200 mg PO bid; photosensitivity.
Minoxidil (Loniten, Rogaine)	Antihypertensive Hair growth stimu- lant	Tab: 2.5, 10 mg Soln: 20 mg/mL	5-20 mg qid Apply 2-3 mL to scalp bid; OTC; effectiveness is doubtful; continuous use required to maintain hair growth.
Mirtazapine (Remeron)	Antidepressant	Tab: 15, 30, 45 mg	15 mg qhs; max 45 mg qhs
Misoprostol (Cytotec)	Anti-ulcer	Tab: 100, 200 mg	100-200 mg qid; reduce dosage if diarrhea; abortifacient, contraception mandatory.

Modafinil (Provigil)	Analeptic	Tab: 100, 200 mg	200 mg qAM; max 400 mg qAM. Nausea, headache. May reduce effectiveness of oral contraceptives.
Moexipril (Univasc)	ACE-inhibitor	Tab: 7.5, 15 mg	One tab qd-bid; max 30 mg/day
Mometasone (Elocon)	Corticosteroids	Cr: 0.1% (15, 45 gm)	Apply a thin layer to affected areas once daily. Pruritus, skin atrophy.
Montelukast (Singulair)	Leukotriene modifier, Anti-asthma	Tab: 5, 10 mg	10 mg qd at bedtime for chronic asthma. Headache, abdominal pain; no hepatotoxicity.
Moricizine (Ethmozine)	Antiarrhythmic (Class I)	Tab: 200, 250, 300 mg	200-300 mg q8h; max 900 mg/d
Morphine sulfate (MS Contin, Oramorph SR, Roxanol Kadian)	Narcotic Analgesic	Inj: 0.5, 1, 2, 3, 4 mg Tab: 10, 15, 30 mg Tab CR: 15, 30, 60, 100, 200 mg Tab SR: 15, 30, 60, 100mg	2-8 mg IV/IM q4h prn or 0.03-0.05 mg/kg/hr IV infusion (100 mg/D5W 250 mL). 10-30 mg PO q4h prn 1 tab q8-12h; do not crush tablets
		Supp: 5, 10, 20, 30 mg Cap SR: 20, 50, 100 mg	1 tab q12h. Do not break in half or crush tabs. 5-30 mg PR Q3-4h prn 1 cap qd
Moxifloxacin (Avelox)	Antibiotic	Tab: 400 mg	400 mg po q24h for sinusitis, and community-acquired pneumonia. QT prolongation. No advantage over other fluoroquinolones.
Mycophenolate Mofetil (CellCept)	Immunosuppressant	Cap: 250 mg Tab: 500 mg Susp: 200 mg/mL Inj: 500 mg/vial	1.0-1.5 gm IV/PO bid. Myelosuppression, hypertension, tremor, diarrhea, nausea, vomiting.
Mupirocin (Bactroban)	Topical antibiotic	Oint: 2% [15, 30 gm] Nasal oint: 2% [1 gm]	Apply to affected areas tid. Active against gram positive cocci 0.5 gm (½ tube) in each nostril bid x 5 days for MRSA nasal carriers

Drug	Category	Dosage Forms	Dosage, Side Effects, Interactions, and Comments
Mycophenolate		Cap: 250 mg Tab: 500 mg Susp: 200 mg/mL Inj: 500 mg/vial	Renal transplant: 1 gm IV/PO bid Cardiac transplant: 1.5 gm IV/PO bid Hepatic transplant: 1 gm IV bid or 1.5 gm PO bid
Nabumetone (Relafen)	NSAID	Tab: 500, 750 mg	500-1000 mg qd-bid
Nadolol (Corgard)	Beta-blocker	Tab: 20, 40, 80, 120, 160 mg	40-80 mg qd, max 320 mg qd; non-cardioselective. Adjust dose in azotemia.
Nafarelin (Synarel)	GNRH-agonist	Nasal soln: 2 mg/mL [10 mL]	One spray bid in alternating nostrils; menopausal-like side effects; usage limited to 6 months because of osteoporosis.
Nafcillin (Nafcil, Unipen)	Antibiotic	Inj: 0.5, 1, 2, 10 g Tab: 250, 500 mg	1-2 gm IV q4-6h 250-500 mg PO qid
Naftifine (Naftin)	Antifungal	Cr: 1% [15, 30, 60 gm] Gel: 1% [20, 40, 60 gm]	Apply to affected area qd-bid. Not effective against Candida sp.
Nalbuphine (Nubain)	Narcotic Analgesic	Inj: 10, 20 mg/mL	10 mg IM/SC/IV q3-6h prn
Naloxone (Narcan)	Narcotic Antagonist	Inj: 0.4, 1 mg/mL	0.4-2 mg IV; can precipitate acute withdrawal in addicts
Naproxen (Naprosyn Naprelan)	NSAID	Tab: 250, 375, 500 mg Tab SR: 375, 500 mg	250-500 mg q6-8h 750-1000 mg once daily
Naproxen sodium (Aleve, Anaprox, Anaprox-DS)	NSAID	Tab: 275 mg Tab DS: 550 mg	550 mg, then 275 mg q6-8h; gastrointestinal upset 550 mg bid
Naratriptan (Amerge)	Antimigraine	Tab: 1, 2.5 mg	1-2.5 mg x 1; may repeat in 4 hrs; max 5 mg/24 hrs. Contraindicated in coronary artery disease, severe azotemia, peripheral or cerebrovascular disease. Serotonin syndrome with SSRIs.
Nateglinide (Starlix)	Hypoglycemic	Tab: 60, 120 mg	60-120 mg tid before meals, alone or with metformin. Significantly metabolized by cytochrome p450.

Nedocromil (Tilade)	Mast cell stabilizer	Aerosol: [16.2 gm]	2 puffs qid; asthma prophylaxis in stable patients
Nefazodone (Serzone)	Antidepressant	Tab: 100, 150, 200, 250 mg	100 mg bid; increase to 200-300 mg bid; headache, somnolence, dry mouth, blurred vision.
Nelfinavir (Viracept)	Antiretroviral protease inhibitor	Tab: 250 mg Powder: 50 mg/g	750 mg tid or 1250 mg bid in a combination regimen; diarrhea, hepatotoxic.
Neomycin (Mycifradin, Myciguent)	Antibiotic	Tab: 500 mg Cream, oint: 0.5% [15, 30 gm]	1 gm q4-6h for GI tract sterilization Apply to affected area(s) qd-qid
Nesiritide (Natrecor)	Vasodilator	Inj: 1.5 mg/vial	2 mcg/kg IV bolus, then 0.01 mcg/kg/min; titrate dose no sooner than q3h to max 0.03 mcg/kg/min. Mild diuretic effect.
Nevirapine (Viramune)	Antiretroviral	Tab: 200 mg	200 mg bid in a combination regimen; rash, diarrhea, drug fever, hepatotoxic
Niacin (Niaspan)	Antihyperlipidemic	Tab: 100, 250, 500 mg Tab ER: 500, 750, 1000 mg	100-250 mg qd with meals; max 3000 mg/day; flushing reaction reduced by 1 aspirin 30 min before; contraindicated in hepatic disease, Diabetes, or gout. 500 mg qhs x 1-4 weeks, then 750-1000 mg qhs. Aspirin 325 mg 30 minutes prior to each dose, may reduce flushing.
Nicardipine (Cardene, Cardene SR, Cardene IV)	Calcium blocker	Cap: 20, 30 mg Cap SR: 30, 45, 60 mg Inj: 25 mg/10mL	20-40 mg tid 30-60 mg bid 5 mg/hr IV inf, then titrate by 2.5 mg/hr q15 min to 15 mg/hr. Tachycardia, flushing, local phlebitis. Contraindicated in acute CHF.
Nicotine (Nicotrol NS, Habitrol, Nicoderm, Nicorette)	Smoking deterrent	Nasal spray: 0.5mg/spray [10 mL] Patch: 7, 14, 21 mg Gum: 2, 4 mg	1 spray in each nostril, 1-2 times/h; max 10 sprays/hr or 80 sprays/day for 8 weeks, taper over next 4 weeks; higher levels than patches. 21 mg qd x 6 wk, then 14 mg qd x 2 wk, then 7 mg qd x 2 wk; OTC Chew one piece slowly over 20 min when the urge to smoke is felt, up to 10-12/day. Caution in cardiovascular disease.

Drug	Category	Dosage Forms	Dosage, Side Effects, Interactions, and Comments
Nifedipine (Procardia, Calcium blocker)		Cap: 10, 20 mg	10-20 mg q6-8h; reflex tachycardia, pedal edema. Non-sustained release formulations may cause unpredictable hypotension resulting in cardiac or CNS ischemia.
Procardia-XL)		Tab: 30, 60, 90 mg	30-120 mg qd
Nimodipine (Nimotop) Calcium blocker		Cap: 30 mg	60 mg q4h; reduces vasospasm in subarachnoid hemorrhage; initiate within 96 hours of event for 21 days; hypotension.
Nisoldipine (Sular)	Calcium blocker	Tab: 10, 20, 30, 40 mg	20-40 mg qd; max 60 mg/day.
Nitrofurantoin (Macrobid)	Antibiotic	Caps: 100 mg	100 mg bid with food; GI side effects common; take with food; interstitial pneumonitis.
Nitrofurantoin (Macrodantin)	Antibiotic	Tab: 50, 100 mg	50-100 mg q6h
Nitroglycerin (Tridil, Vasodilator Antianginal)		Inj: 25, 50 mg	5-10 mcg/min IV infusion; titrate to reduce chest pain or blood pressure (50 mg in 500 mL D5W; conc=0.1 mg/mL).
Nitro-bid, Transderm-nitro,		Cap CR: 2.5, 6.5, 9.0	2.5-9.0 mg bid
Nitro-dur, Nitrostat SL)		Transderm-nitro patches: 0.1, 0.2, 0.3, 0.4, 0.6 mg/h	One patch qd, applied to hairless area; tolerance is prevented with a nitrate-free period; apply after dinner, remove mid-day the next day. Anginal pain follows a circadian rhythm.
		Nitrostat SL tab: 0.15, 0.3, 0.4, 0.6 mg	One tab SL q5min x 3 prn chest pain.
		Nitro-bid oint: 2% [30, 60 gm]	½-2 inches topically q6h
Nitroprusside sodium (Nipride)	Vasodilator	Inj: 50 mg	Initially: 0.25-1.0 mcg/kg/min IV (50 mg in 250 mL of D5W), titrate to BP; range 0.25-8 mcg/kg/min; risk of cyanide or thiocyanate toxicity increases with prolonged use or in renal failure.
Nizatidine (Axid)	H ₂ -blocker	Cap: 150, 300 mg	300 mg qhs or 150 mg bid
Norepinephrine (Levophed)	Vasoconstrictor	Amps: 1 mg/mL	8-12 mcg/min IV infusion (4 mg in 500 mL of D5W), titrate to adequate perfusion pressure

Norfloracin (Noroxin, Antibiotic Chibroxin)		Tab: 400 mg Ophth soln: 0.3% [5 mL]	400 mg bid; contraindicated in pregnancy and <16 years of age; increases theophylline. 1-2 drops into affected eye(s) q3h.
Nortriptyline (Pamelor)	Antidepressant	Tab: 10, 25, 50, 75 mg	25 mg tid-qid; max 150 mg/day; anticholinergic effects.
Nystatin (Mycostatin, Nilstat, Mycostatin)	Antifungal	Vag tab: 100,000 unit Susp: 100,000 U/mL [60 mL] Cream & oint: 100,000U/g (15, 30g)	One tab intravaginally qhs for 14 days 5-10 mL, swish and swallow, qid or 2 tab tid; not systemically absorbed. Apply to affected areas 2-3 times daily.
Octreotide (Sandostatin, Sandostatin LAR)	Somatostatin analogue	Inj: 50, 100, 500 mcg/mL Inj: 10, 20, 30 mg	Variceal bleeding: 50 mcg IV over 5-10 min, then 50 mcg/hr IV infusion; nausea, abdominal discomfort. VIPoma: 20 mg IM q4weeks.
Ofloxacin (Floxin Ocuflor)	Antibiotic	Tab: 200, 300, 400 mg Inj: 200, 400 mg Ophth soln: 0.3% (1, 5, 10 mL)	200-400 mg PO/IV bid; poor coverage for gram positive infections. Pelvic inflammatory disease: 400 mg PO bid x 2 weeks Instill 1-2 drops in affected eyes, 8 times per day x 2 days, then qid for total of 7 days.
Olanzapine (Zyprexa)	Antipsychotic	Tab: 2.5, 5, 7.5, 10, 15, 20 mg Tab, orally disintegrating: 5, 10, 15, 20 mg	5-10 mg qd; max 20 mg qd. Orthostatic hypotension, hyperthermia with heat exposure. Schizophrenia: 5-10 mg qd; max 20 mg qd. Bipolar Mania: 10-15 mg qd; max 20 mg qd.
Olopatadine (Patanol)	Antihistamine	Ophth soln: 0.1% (5mL)	1-2 drops in each affected eye bid; headache frequent.
Olsalazine (Dipentum)	Ulcerative colitis	Cap: 250 mg	500 mg bid; take with food; bowel anti-inflammatory.
Omeprazole (Prilosec)	Proton pump inhibitor	Cap SR: 10, 20 mg	10-20 mg qd-bid; constipation, rash.

Drug	Category	Dosage Forms	Dosage, Side Effects, Interactions, and Comments
Ondansetron (Zofran)	Antiemetic	Tab: 4, 8, 24, mg Soln: 4 mg/5 mL Inj: 2 mg/mL	4-8 mg bid-tid or 24 mg x 1 an hour before chemotherapy. May cause EPS. 0.15 mg/kg IV over 15 min, 30 min prior to chemotherapy; diarrhea, headache.
Zofran ODT)		Orally disintegrating tabs: 4, 8, mg	8 mg bid-tid
Orlistat (Xenical)	Lipase-inhibitor	Cap: 120 mg	1 capsule tid with each fatty meal. Flatulence and fecal urgency frequent.
Orphenadrine (Norflex)	Muscle relaxant	Tab SR: 100 mg Inj: 30 mg/mL	100 mg bid or 60 mg IM/IV q12h; anticholinergic effects.
Oseltamivir (Tamiflu)	Antiviral	Cap: 75 mg Susp: 12 mg/mL	75 mg bid x 5 days. GI upset, insomnia, dizziness. Influenza A and B. Decreases severity and duration of viral illness by 1-2 days .
Oxacillin (Prostaphlin)	Antibiotic	Vial: 250, 500 mg, 4 gm	1-2 gm IV q4-6h
Oxandrolone (Oxandrin)	Anabolic steroid	Tab: 2.5 mg	2.5 mg bid-qid x 2-4 weeks; may repeat course prn. Cholestatic jaundice, skin discoloration, ankle swelling, increase INR on warfarin.
Oxaprozin (Daypro)	NSAID	Tab: 600 mg	1-2 tab qd
Oxazepam (Serax)	Anxiolytic	Cap: 10, 15, 30 mg	10-15 mg tid
Oxcarbazepine (Trileptal)	Anticonvulsant	Tab: 150, 300, 600 mg	300-600 mg bid; max 600 mg q6h. Hyponatremia, headache, ataxia, nystagmus.
Oxiconazole (Oxistat)	Antifungal	Cream: 1% [15, 30, 60 gm] Lotion: 1% [30 mL]	Apply to affected areas qd-bid
Oxybutynin (Ditropan, Antispasmodic)		Tab: 5 mg Syrup: 1mg/mL	5 mg bid-qid; max 20 mg/day; anticholinergic effects.
Ditropan XL)		Tab ER: 5, 10 mg	5-30 mg qd.
Oxycodone (Roxicodone, OxyContin)	Narcotic Analgesic	Tab: 5 mg CR Tab: 10, 20, 40, 80 mg	5 mg q4-6h prn pain 1 tab q12h

Oxymetazoline (Afrin)	Nasal decongestant	Soln & spray: 0.05%	2-3 drops or sprays bid x 3-5 days. Rebound congestion.
Pamidronate (Aredia)	Bone stabilizer	Inj: 30, 60, 90 mg	Hypercalcemia: 60-90 mg IV infusion over 2-24 hrs. May repeat x 1 after 7 days.
Pancuronium (Pavulon)	Neuromuscular blocker	Inj: 1 mg/mL	0.08 mg/kg IV push, then 0.03 mg/kg/hr; tachycardia.
Pantoprazole (Protonix)	Proton pump inhibitor	Tab: 20, 40 mg Inj: 40 mg	40 mg IV/PO qd
Paricalcitol (Zemlar)	Vitamin D Analog	Inj: 5 mcg/mL	0.04-0.1 mcg/kg IV 3 times/week during dialysis. Edema, chills.
Paroxetine (Paxil)	Antidepressant	Tab: 10, 20, 30, 40 mg Oral soln: 10 mg/5 mL	20-50 mg qd; SSRI, sexual dysfunction, dizziness, diarrhea, dry mouth.
PCEC (RabAvert)	Rabies Vaccine	Inj: 1 mL	1 mL IM post-exposure, repeat on days 3, 7, 14, and 28 (total 5 doses). No allergic reaction.
Pemirolast (Alamast)	Antiallergic	Ophth soln: 0.1% (10 mL)	1-2 drops in each affected eye qid. Headache, rhinitis, cold/flu symptoms.
Penciclovir (Denavir)	Antiviral	Cream: 1% [2 gm/tube]	Apply to lesions q2h while awake x 4 days. For HSV-1 and 2 labialis.
Penicillin G benzathine (Bicillin L-A)	Antibiotic	Bicillin L-A inj: 0.3 MU/mL	Syphilis: 2.4 MU IM. Streptococcal infections: 1.2 MU IM. Many streptococcal strains are now resistant to penicillin.
Penicillin G potassium (Pentids)	Antibiotic	Tab: 200,000; 250,000; 400,000; 500,000 U Inj: 0.5, 1.0, 5.0 MU/vial	200,000-500,000 U q6h 1.0-2.0 million U IV q4-6h
Penicillin G procaine (Wycillin)	Antibiotic	Inj: 600,000 U/mL	0.6-1.2 MU IM qd.
Penicillin V potassium (V-Cillin, Veetids)	Antibiotic	Tab: 125, 250, 500 mg	250-500 mg q6h

Drug	Category	Dosage Forms	Dosage, Side Effects, Interactions, and Comments
Pentamidine (Pentam, NebuPent)	Anti-protozoal	Inj: 300 mg Aerosol: 300 mg	300 mg (4 mg/kg) in 100 mL of D5W over 1h IV qd for 14-21d; hypoglycemia; hypotension with rapid IV. 300 mg in 6 mL water nebulized over 20 min q4 wk.
Pentosan (Elmiron)	Bladder analgesic	Caps: 100 mg	100 mg tid with water on an empty stomach; used for pain of interstitial cystitis; heparin-like compound; may cause bleeding.
Pentoxifylline (Trental)	Anti-claudicant	Tab ER: 400 mg	400 mg tid with meals; minimally effective.
Pergolide (Permax)	Antiparkinson	Tab: 0.05, 0.25, 1 mg	0.05-1 mg tid. Dopamine agonist; orthostatic hypotension, hallucina- tions.
Perindopril (Aceon)	ACE-inhibitor	Tab: 2, 4, 8 mg	4-8 mg qd; max 16 mg/day. Higher doses may be given in 2 divided doses.
Permethrin (Elimite, Nix)	Scabicide	Cream: 5% [60 gm] Cream rinse: 1% [60 mL]	Apply liberally head to toe; rinse off in 12 hours. Apply to hair liberally for 10 minutes. May repeat in a week.
Perphenazine (Trilafon)	Antipsychotic	Tab: 2, 4, 8, 16 mg; conc: 16 mg/5 mL; inj: 5 mg/mL	8-16 mg tid-qid; max 64 mg/day 2-16 mg IV/IM q6h; intermediate potency.
Phenazopyridine (Pyridium)	Urinary analgesic	Tab: 100, 200 mg	100-200 mg tid; GI disturbances; red-orange urine can stain clothing; reduce dose in azotemia.
Phenobarbital	Anticonvulsant	Tab: 8, 16, 32, 65, 100 mg Inj: 30, 60, 65, 100 mg/mL	Loading dose 15 mg/kg IV, then 30-120 mg PO/IV/IM bid. Reduces the effect of oral contraceptives.
Phentermine (Ionamin, Fastin)	Anorexiant	Cap: 15, 30 mg	15-30 mg qAM; agitation, irritability, insomnia.
Phenylephrine (Neosynephrine)	Nasal deconges- tant	Soln: 0.125, 0.25, 0.5 % [15 mL]	1-2 sprays in each nostril q4h x 3-5 days. Rebound congestion.

Phenytoin (Dilantin)	Anticonvulsant	Cap: 100 mg Inj: 100 mg	200-300 mg PO/IV qd-bid; cardiac depressant IV; monitor levels; nystagmus and ataxia are early signs of toxicity; gum hyperplasia, hirsutism; avoid in pregnancy. Reduces the effect of carbamazepine and oral contraceptives.
Phosphate (K-Phos, Neutraphos)	Mineral	Cap, packet: 250 mg	1-2 cap or packet tid; may cause diarrhea.
Phytonadione (Mephyton)	Vitamin K	Tab: 5 mg Inj: 1 mg, 10 mg	5-10 mg qd Partial reversal of INR: 0.5-1 mg; complete reversal: 10 mg SQ/IV over 1 hr.
Pindolol (Visken)	Beta-blocker	Tab: 5, 10 mg	5-30 mg bid; non-selective antagonist with intrinsic sympathomimetic activity.
Pioglitazone (Actos)	Hypoglycemic	Tab: 15, 30, 45 mg	15-30 mg qd, max 45 mg qd. Hepatotoxic
Piperacillin (Pipracil)	Antibiotic	Inj: 2, 3, 4 gm	2-4 gm IV q4-6h
Pirbuterol (Maxair)	Bronchodilator	Inhaler: [25.6 gm]	2 puffs q4-6h prn; max 12 puffs/day; selective beta-2 agonist.
Piroxicam (Feldene)	NSAID	Cap: 10, 20 mg	10 mg bid or 20 mg qd
Pneumococcal vaccine (Pneumo-vax 23)	Vaccine	Inj: 25 mcg/0.5mL	0.5 mL SC x 1. Fever, myalgia.
Podofilox (Condylox)	Keratolytic	Soln: 0.5% [3.5 mL]	Apply to affected area(s) bid
Poliovirus (IPOL)	Vaccine	Inj: 3 types of poliovirus	0.5 mL SC; repeat in 1 and 6 months.
Polyethylene glycol (CoLyte, GoLYTELY)	Laxative	Soln: 1 gal Soln: 4 Liters	8 ounces q10min until 1 gallon finished
Potassium chloride (K-Dur, Micro-K, Slow-K)	Mineral	Tab: 10, 20 mEq Tab: 10 mEq Tab: 8 mEq Liq: 20 mEq/15 mL	1-2 tabs qd-bid 1-2 tabs qd-bid 1-2 tabs qd-bid 20-40 mEq qd-bid
Potassium phosphate (K-Phos)	Mineral	Inj: 3 mmol/mL	0.25-0.5 mmol/kg IV at 10 mmol/hr

Drug	Category	Dosage Forms	Dosage, Side Effects, Interactions, and Comments
Pramipexole (Mirapex)	Antiparkinson	Tab: 0.125, 0.25, 1, 1.5 mg	0.125 mg tid; max 1.5 mg tid. Hallucinations, somnolence, dry mouth, dyskinesia. Reduce dose if azotemia.
Pravastatin (Pravachol)	Antihyperlipidemic	Tab: 10, 20, 40 mg	10-40 mg qhs; reduces LDL cholesterol; reverses atherosclerosis
Praziquantel (Biltricide)	Anthelmintic	Tab: 600 mg	20 mg/kg (1200-1800 mg) tid x 3 doses.
Prazosin (Minipress)	Vasodilator	Cap: 1, 2, 5 mg	Initially 1 mg bid-tid; increase 5-15 mg bid-tid; orthostatic hypotension; first dose at bedtime; caution in coronary artery disease.
	Prostate relaxant		Benign prostatic hypertrophy: 1-2 mg qhs.
Prednisolone (Delta Cortef, Pred Forte)	Glucocorticoid	Tab: 5 mg Ophth susp: 1% [5, 10, 15 mL]	5.0-60 mg qAM 1 drop in affected eye(s) tid-qid
Prednisolone	Glucocorticoid	Inj: 20 mg/mL	40-60 IV/IM qAM
Prednisone (Inflamase)	Corticosteroid	Ophth soln: 1% [5, 10 mL]	1 drop in affected eye(s) q1-4h
Prednisone (Deltasone)	Glucocorticoid	Tab: 1, 2.5, 5, 10, 20, 50 mg	5-60 mg qd
Primaquine (Primaquine)	Antimalarial	Tab: 26.3 mg	One tab qd x 2 weeks concurrently with chloroquine.
Primidone (Mysoline)	Anticonvulsant	Tab Scored: 50, 250 mg	Initially 125 mg qd, increase to 250-500 mg tid-qid
Probenecid (Benemid)	Anti-gout	Tab: 500 mg	250-500 mg bid. Use in acute gout with hyperuricemia may result in urate obstructive uropathy.
Procainamide (Procan, Procanbid)	Antiarrhythmic Class IA	Cap: 250, 375, 500 mg Inj: 100, 500 mg/mL Tab SR: 500, 1000 mg	250-500 mg q4-6h; lupus syndrome. Loading Dose: 15 mg/kg IV at 20 mg/min, then 1-4 mg/min IV infusion (2 gm in 250 mL NS = 8 mg/mL); hypotension. 1-2 tabs bid

Prochlorperazine (Compazine)	Antiemetic	Tab: 5, 10, 25 mg Supp: 2.5, 5, 25 mg Inj: 5, 10 mg	5-10 mg PO/PR q4-6h prn; max 100 mg/d; anticholinergic and extrapyramidal effects.
Procyclidine (Kemadrin)	Antiparkinsonian	Tab: 5 mg	5-10 mg IM q5-6h prn; anticholinergic and extrapyramidal effects. 2.5-5 mg tid; anticholinergic effects; more effective for rigidity than tremors.
Progesterone (Progestasert)	Contraceptive	Intrauterine system: 38 mg progesterone	Insert a single unit into the uterine cavity once a year. Do not use if history of PID. Endometritis, vaginitis.
Promethazine (Phenergan)	Antihistamine	Tab: 12.5, 25, 50 mg Supp: 12.5, 25, 50 mg Inj: 25, 50 mg/mL	12.5-50 mg PO/IV/IM/PR q4-6h prn; drowsiness, anticholinergic and extrapyramidal effects.
Propafenone (Rythmol)	Antiarrhythmic Class IC	Tab: 150, 225, 300 mg	150-300 mg q8h; max 1200 mg/d; may cause dizziness, impairment of taste.
Propoxyphene (Darvon, Darvon-N)	Narcotic Analgesic	Cap: 65 mg Tab: 100 mg	65 mg q4-6h prn 100 mg q4-6h prn; max 600 mg/day
Propranolol (Inderal, Inderal LA)	Beta-blocker	Tab: 10, 20, 40, 60, 80 mg Cap SR: 60, 80, 120, 160 mg	Initially 40 mg bid then 60-80 mg tid 60-320 mg qd; contraindicated in asthma, diabetes, heart block or failure.
Propylthiouracil (PTU)	Anti-thyroid	Tab: 50 mg	300 mg PO, then 50-250 mg q8h; hepatotoxic, rash, arthralgia.
Protamine (Protamine)	Heparin antidote	Vial and amps: 10 mg/mL	10-50 mg IV over 10-20 min
Protriptyline (Vivactil)	Antidepressant	Tab: 5, 10 mg	5-10 mg tid; max 60 mg/day; bone marrow depression, confusion.
Pyrazinamide (PZA)	Tuberculostatic	Tab: 500 mg	15-30 mg/kg qd (1500 mg qd); hepatotoxic.
Pyridoxine (Vitamin B6)	Vitamin	Tab: 25, 50, 100 mg Inj: 100 mg/mL	25-100 mg PO/IV qd Deficiency: 10-20 mg/day for 3 wk
Pyrimethamine (Daraprim)	Antiprotozoal	Tab: 25 mg	Acute malaria: 50 mg qd x 2. Prophylaxis: 25 mg once a week Toxoplasmosis: 200 mg loading dose, then 50-75 mg qd, and folic acid 10-20 mg PO qd. Folate deficiency, megaloblastic anemia.

Drug	Category	Dosage Forms	Dosage, Side Effects, Interactions, and Comments
Quazepam (Doral)	Hypnotic	Tab: 7.5, 15 mg	7.5-15 mg qhs; reduce dosage in the elderly
Quetiapine (Seroquel)	Antipsychotic	Tab: 25, 100, 200 mg	25-50 mg bid; max 200 mg bid. Somnolence and dizziness common.
Quinapril (Accupril)	ACE-inhibitor	Tab: 5, 10, 20, 40 mg	Initial dose: 10 mg qd, then 20-40 mg qd-bid.
Quinidine gluconate (Quinaglute)	Antiarrhythmic Class IA	Tab: 330 mg Inj: 800 mg/10 mL	330 mg PO/IM tid; diarrhea, GI distress, light-headedness. 15 mg/kg in 150 mL D5W IV over 4-6h, then 0.06-0.08 mg/kg/h IV infusion; IV is rarely used because of hypotension.
Quinidine sulfate (Quinidex)	Antiarrhythmic Class IA	Tab: 200, 300 mg Tab SR: 300 mg	200-300 mg tid-qid 1-2 tabs bid
Quinine (Quinamm)	Antimalarial	Cap: 200, 300, 325 mg Tab: 260 mg	Antimalarial: 600-650 mg q8h x 5-7 days
Quinupristin (Synercid)	Antibiotic	Inj: 500 mg	VRE and other life-threatening infections: 7.5 mg/kg IV q8h. Active against <i>E. faecium</i> , but not <i>E. faecalis</i> . S. aureus or S. pyogenes: 7.5 mg/kg IV q12h. Arthralgia, myalgia.
Rabeprazole (Acipex)	Proton Pump Inhibitor	Tab: 20 mg	20 mg qd. Headache, GI upset, gynecomastia.
Raloxifene (Evista)	Anti-osteoporotic	Tab: 60 mg	60 mg qd; hot flashes, leg cramps, venous thromboembolism.
Ramipril (Altace)	ACE-inhibitor	Cap: 1.25, 2.5, 5, 10 mg	2.5-10 mg bid; first dose hypotension; chronic cough.
Ranitidine (Zantac)	H ₂ -blocker	Tab: 150, 300 mg Oral soln: 150 mg/10mL Inj: 50 mg	150 mg bid or 300 mg qhs; reduce in renal failure. Maintenance: 150 mg qhs 50 mg IV q8h or 6.25 mg/h IV infusion (150 mg in 250 mL D5W at 11 mL/hr).
Repaglinide (Prandin)	Hypoglycemic	Tab: 0.5, 1, 2 mg	0.5-4 mg with each meal, max 16 mg/day; hypoglycemia common; similar to glyburide.
Retepase (Retavase)	Thrombolytic	Inj: 10 U/vial	10 U IV over 2 min, then 10 U IV 30 min later.
Rifabutin (Mycobutin)	Tuberculostatic	Cap: 150 mg	300 mg qd, or 150 mg bid; prevention or treatment of MAC in HIV infection. Rash, GI upset, neutropenia, discolored urine.

Rifampin (Rimactane, Tuberculostatic Rifadin)	Cap: 150, 300 mg Inj: 600 mg	600 mg PO/IV qd; 10 mg/kg/day; orange-red discoloration of secretions; hepatotoxic; enhances metabolism of contraceptives and theophylline. May reduce effect of dapsone and phenytoin.
Rifapentine (Priftin) Tuberculostatic	Tab: 150 mg	Four tabs twice a week x 2 months. Pyridoxine supplementation is recommended
Rimantadine (Flumadine) Antiviral	Tab: 100 mg	100 mg bid x 2 weeks; prophylaxis and treatment of influenza A only. GI upset.
Risedronate (Actonel) Anti-osteoporotic Bone stabilizer	Tab: 5, 30 mg	5 mg qAM with 8 oz. water. Esophageal and gastric ulcers
Risperidone (Risperdal) Antipsychotic	Tab: 0.25, 0.5, 1, 2, 3, 4, mg Oral soln: 1 mg/mL	Paget's disease: 30 mg qd x 2 months Initial dose: 0.5-1 mg bid, then 2-3 mg bid; max 8 mg bid. Anxiety, somnolence, GI and extrapyramidal symptoms. Also effective in bipolar disorders.
Ritonavir (Norvir) Antiretroviral Protease inhibitor	Caps: 100-mg Soln: 80 mg/mL	600 mg bid; use in combination with a nucleoside analogue to prevent resistance; gastrointestinal disturbances, perioral paresthesias.
Rivastigmine (Exelon) Alzheimer's agent	Cap: 1.5, 3, 4.5, 6 mg Soln: 2 mg/mL	1.5 mg bid; increase the dose q2weeks to 3, 4.5, 6 mg bid. Nausea, vomiting, anorexia, dizziness.
Rizatriptan (Maxalt, Maxalt-MLT) Antimigraine	Tab: 5, 10 mg Tab SL: 5, 10 mg	5-10 mg PO/SL at least 2 hrs apart; max 30 mg/24 hrs. Max 15mg/24 hr if receiving propranolol.
Rofecoxib (Vioxx) COX-2 inhibitor	Tab: 12.5, 25, 50 mg Susp: 12.5 mg/5 mL, 25 mg/5mL	25-50 mg qd. Less GI ulceration than NSAIDs. No effect on platelet count or aggregation.
Ropinirole (Reequip) Antiparkinson	Tab: 0.25, 0.5, 1, 2, 5 mg	0.25 mg tid; max 8 mg tid; nausea
Rosiglitazone (Avandia) Hypoglycemic	Tab: 2, 4, 8 mg	2 mg bid or 4 mg qd; max 8 mg/day. Less hepatotoxic than troglitazone.
Salmeterol (Serevent, Bronchodilators Serevent Diskus)	Aerosol Diskus inh: 50 mcg	2 puffs bid; long acting beta 2 agonist; not for acute attacks; prevents exercise-induced or nocturnal asthma 50 mcg by inhalation bid.

Drug	Category	Dosage Forms	Dosage, Side Effects, Interactions, and Comments
Salsalate (Disalcid)	NSAID	Cap: 500 mg Tab: 500, 750 mg	500-1000 mg tid; GI upset, gastritis, nephropathy with chronic use.
Saquinavir (Invirase)	Antiretroviral Protease inhibitor	Cap: 200 mg	600 mg tid; use in combination regimen; poor bioavailability; diarrhea, nausea, abdominal pain.
Scopolamine (Transderm-scop)	Antiemetic	Transdermal patch: 1.5 mg [box of 4]	1 patch q3d; apply 1 hour prior to travel; dry mouth, drowsiness, blurred vision; pupil dilates if drug comes in contact with eye.
Selegiline (Eldepryl)	Antiparkinson	Tab: 5 mg	5 mg with breakfast and lunch every day. Adjunct to levodopa/carbidopa.
Sevelamer (Renagel)	Phosphate binder	Cap: 403 mg	2-4 caps tid with meals. Dyspepsia, vomiting.
Senna (Senokot)	Laxative, irritant	Tab: 187 mg Supp: 652 mg	1-2 tabs qhs Insert 1 PR qhs
Sertraline (Zoloft)	Antidepressant	Tab: 25, 50, 100 mg Oral conc: 20 mg/mL	50 mg qd; max 200 mg qd. Also useful in obsessive-compulsive disorder, panic disorder, and posttraumatic stress disorder. SSRI; dry mouth, sexual dysfunction.
Sibutramine (Meridia)	Anorexiant	Cap: 5, 10, 15 mg	Initially 10 mg qd, max 15 mg qd after 4 wks. Contraindicated in hypertension, tachycardia, coronary artery disease, or stroke. Serotonin syndrome with SSRIs.
Sildenafil (Viagra)	Erectogenic	Tab: 25, 50, 100 mg	50 mg PO one hour prior to intercourse; dosage range 25-100 mg; headache, flushing, indigestion, altered color perception. Contraindicated within 24 hours of nitrates.
Simvastatin (Zocor)	Antihyperlipidemic	Tab: 5, 10, 20, 40, 80 mg	5-40 mg qhs; 5-10 mg qhs in azotemia. Hepatotoxic, myositis, ocular opacity.
Sirolimus (Rapamune)	Immunosuppressant	Oral soln: 1 mg/mL	15 mg loading, then 5 mg qd with cyclosporine or corticosteroids. Anemia, leukopenia, thrombocytopenia, hypokalemia, hyperlipidemia, diarrhea.
Sodium ferric gluconate complex (Ferrlecit)	Mineral	Inj: 12.5 mg/mL elemental iron	Test dose: 25 mg IV over 1 hr, then 125 mg IV over 1 hr during each dialysis, up to total max dose 1000 mg. Flushing, hypotension.

Sodium polystyrene (Kayexalate)	Potassium exchange resin	Susp: 15 gm/30 mL	30-45 gm PO/NG/PR; premixed with 20% sorbitol.
Sotalol (Betapace, Betapace AF)	Antiarrhythmic Class III	Tab: 80, 120, 160, 240 mg	40-80 mg bid; max 320 mg/day in 2-3 doses; potent beta-blocker; may prolong QT interval. Adjust dose in azotemia.
Sparfloxacin (Zagam)	Antibiotic	Tab: 80, 120, 160 mg Tab: 200 mg	80-160 mg bid 400 mg x 1, then 200 mg qd x 10. Chronic bronchitis, community-acquired pneumonia, photosensitivity.
Spirolactone (Aldactone)	Diuretic	Tab: 25, 50, 100 mg	25-100 mg qd; hyperkalemia, gynecomastia, drug fever, GI upset, hirsutism.
Stavudine (Zerit)	Antiretroviral	Cap: 15, 20, 30, 40 mg	40 mg bid; peripheral neuropathy, hepatotoxic.
Streptokinase (Streptase)	Thrombolytic	Inj: 250,000, 750,000 U	Myocardial infarction: 1.5 million U IV infusion over 60 min. Pulmonary embolism or venous thrombosis: 250,000 U IV over 30 min, then 100,000 U/hr IV infusion x 72 hours. Pretreat with diphenhydramine 50 mg IV and methylprednisolone 250 mg IV; ineffective if streptokinase in last 6 months.
Sucralfate (Carafate)	Anti-ulcer	Tab: 1 gm Syr: 1 gm/10 mL	1 gm qid one hour before meals on an empty stomach; constipation frequent; antacids decrease activity.
Sulfacetamide (Bleph-10)	Ophthalmic Antiinfective	Ophth soln: 10, 15% [2.5, 5, 15 mL] Ophth oint: 10% [3.5 gm]	1-3 drop in lower conjunctival sac q2-3h . Apply small amount in the lower conjunctival sac qid and qhs.
Sulfasalazine (Azulfidine)	Ulcerative colitis Rheumatoid arthritis	Tab: 500 mg Susp: 250 mg/5 mL [Pint]	500-1000 mg bid, increase to qid over 10 days. Headache, anorexia, GI upset, reversible oligospermia.
Azulfidine EN-tabs)		EN-tab: 500 mg	1-2 tabs bid

Drug	Category	Dosage Forms	Dosage, Side Effects, Interactions, and Comments
Sulfisoxazole (Gantrisin)	Antimicrobial	Tab: 500 mg Ophth soln: 4% [15 mL] Ophth oint: 4% [3.75 gm]	500-1000 mg qid 1-3 drops in affected area(s) q2-3h Apply small amount to eye(s)bid-qid
Sulindac (Clinoril)	NSAID	Tab: 150, 200 mg	150-200 mg bid
Sumatriptan (Imitrex)	Antimigraine	Tab: 25, 50 mg Inj: 12 mg/mL Nasal spray: Unit dose [5, 20 mg]	25-50 mg PO once; may repeat in 2 hours; max 200 mg/d. 6 mg SQ; may repeat in 1-2 hours; max 12 mg/day. 5, 10, or 20 mg in one nostril; may repeat after 2 hours; max 40 mg/d; one unit dose per inhaler. Contraindicated in coronary artery disease; palpitations, tingling, facial flush, dizziness.
Tacrine (Cognex)	Alzheimer's agent	Cap: 10, 20, 30, 40 mg	10 mg qid, gradually increase to 40 mg qid. Hepatotoxic; monitor LFTs bimonthly x 4 months, then every 3 months; neutropenia.
Tamsulosin (Flomax)	Prostate relaxant	Cap: 0.4 mg	0.4-0.8 mg qhs; hypotension, dizziness, rhinitis, retrograde ejaculation.
Tazarotene (Tazorac)	Antipsoriatic	Gel: 0.05, 0.1% [30, 100 gm]	Apply thin layer to dry lesions qhs; max duration 12 weeks. Mandatory contraception, teratogenic, pruritus, erythema.
Telmisartan (Micardis)	Angiotensin-II receptor blocker	Tab: 40, 80 mg	One tab qd; max 80 mg/day.
Temazepam (Restoril)	Hypnotic	Cap: 7.5, 15, 30 mg	15-30 mg qhs; 7.5 mg qhs in elderly.
Tenecteplase (TNKase)	Thrombolytic	Inj: 50 mg	Myocardial infarction: < 60 kg 30 mg IVP; ≥ 60 to < 70 kg 35 mg IVP; ≥ 70 to < 80 kg 40 mg IVP; ≥ 80 to < 90 kg 45 mg IVP; ≥ 90 kg 50 mg IVP
Tenofovir (Viread)	Antiretroviral	Tab: 300 mg	300 mg PO qd with food. Nausea, diarrhea, vomiting.
Terazosin (Hytrin)	Antihypertensive	Tab: 1, 2, 5, 10 mg	Hypertension: 1-10 mg qhs; first-dose hypotension; peripheral edema; caution in atherosclerotic disease.
	Prostate relaxant		Benign prostatic hyperplasia: 1-2 mg qhs

Terbinafine (Lamisil)	Antifungal	Cream: 1% [15, 30 gm] Tab: 250 mg	Apply to affected area(s) bid x 1-4 wk; ineffective against <i>Candida</i> sp. Tinea nail infections: 250 mg qd; fingernails for 6 weeks; toenails for 12 weeks; ineffective against <i>Candida</i> , diarrhea, dyspepsia.
Terconazole (Terazol 7, Terazol 3)	Antifungal	Cream: 0.4% [45 gm] Cream: 0.8% [20 gm] Vag suppository: 80 mg [3]	One applicatorful intravaginally qhs x 7 days One applicatorful intravaginally qhs x 3 days One suppository intravaginally qhs x 3 days
Testosterone cypionate (Depo-Testosterone)	Androgen	Inj: 100, 200 mg/mL	100-400 mg IM q2-4 weeks; hirsutism, gynecomastia, cholestatic jaundice, decreased clotting factors.
Testosterone enanthate (Delatestryl)	Androgen	Inj: 100, 200 mg/mL	100-400 mg IM q2-4 weeks
Testosterone propionate (Testex)	Androgen	Inj: 100 mg/mL	100-400 mg IM q2-4 weeks
Testosterone transdermal (Testoderm, Androderm)	Androgen	Patch: 4 mg/24h, 6 mg/24h Patch: 2.5 mg/24h	Apply patch to hairless area of scrotum qd; hirsutism, hepatitis. Apply 2 patches qd to hairless skin; do not apply to scrotum.
Tetanus toxoid	Vaccine	Inj: 0.5 mL	0.5 mL IM, repeat in 4-8 weeks, and in 6-12 months. Booster q5-10 years.
Tetracycline (Achromycin, Sumycin)	Antibiotic	Tab: 250, 500 mg	250-500 mg qid; enamel discoloration, photosensitivity; contraindicated in renal insufficiency or hepatic failure.

Drug	Category	Dosage Forms	Dosage, Side Effects, Interactions, and Comments
Theophylline (Constant-T, Slo-Bid,	Bronchodilator	Constant-T: 200, 300 mg	200-300 mg bid
Slophyllin, Theo-Dur,		Slo-bid cap: 50, 100, 200, 300 mg	50-300 mg bid
		Slophyllin: 100, 200 mg	100-400 mg bid
		Theo-Dur: 100, 200, 300 mg	100-400 mg bid
Theo-24)		Theo-24: 100, 200, 300, 400 mg	100-400 mg qd; cimetidine, quinolones, macrolides increase theophylline level; nausea, vomiting, tachycardia, seizures.
Theophylline (Aminophylline)	Bronchodilator	Inj: 25, 250 mg/mL	Load: 5.6 mg/kg total body weight IV over 60 min. Maintenance: 0.5-0.6 mg/kg ideal body weight/per hour IV infusion.
Thiabendazole (Mintezol)	Anthelmintic	Tab: 500 mg	22 mg/kg qd x 2 days
Thiamine (Vitamin B-1)	Vitamin	Tab: 50, 100, 250, 500	100 mg PO/IM/IV qd
Thioridazine (Mellaril)	Antipsychotic	Tab: 10, 15, 25, 50, 100, 150, 200 mg	25-100 mg bid-tid; max 800 mg/day; low extrapyramidal effects; anticholinergic effects, sedation.
Thiothixene (Navane)	Antipsychotic	Cap: 1, 2, 5, 10, 20 mg Inj: 2, 5 mg/mL	2-5 mg bid-tid, max 60 mg/day; drowsiness and extrapyramidal effects. 4 mg IM bid-qid, max 30 mg/day
Tiagabine (Gabitril)	Anticonvulsant	Tab: 2, 4, 12, 16, 20 mg	4 mg qd then increase every 4-8 weeks to 32-56 mg/day in 2-4 divided doses daily. Adjunct treatment in partial complex seizures. Decreased cognitive function, depression.
Ticarcillin (Ticar)	Antibiotic	Inj: 1, 3, 6 gm	2-3 gm IV q4-6h (300 mg/kg/day); hypokalemia, platelet dysfunction.
Ticlopidine (Ticlid)	Antiplatelet agent	Tab: 250 mg	250 mg bid with meals; reversible neutropenia.
Tiludronate (Skelid)	Bone stabilizer	Tab: 240 mg	2 tabs PO qd x 3 months. Take with 8 oz. plain water, remain upright for 1 hour. Supplement calcium and vitamin D.
Timolol (Blocadren)	Beta-blocker	Tab: 5, 10, 20 mg	5-10 mg tid-qid; non-selective, fatigue.

Tinzaparin (Innohep)	Anticoagulant LMW heparin	Inj: 20,000 IU/ml	DVT with or without uncomplicated PE: 175 IU/kg SC q24h. Injection site skin necrosis, nodules, inflammation, and oozing common.
Tioconazole (Vagistat)	Antifungal	Vag oint: 6.5% [4.6 gm]	1 applicatorful intravaginally qhs
Tirofiban (Aggrastat)	Antiplatelet	Inj: 25, 50 mcg/mL	0.4 mcg/kg/min x 30 min, then 0.1 mcg/kg/min IV infusion. Reduce dosage by 50% if creatinine clearance is <30 mL/min.
Tissue plasminogen activator (Activase, t-PA, Alteplase)	Thrombolytic	Vial: 20, 50, 100 mg	Myocardial infarction: 15 mg IV push, then 0.75 mg/kg (up to 50 mg) IV over 30 min, then 0.5 mg/kg (up to 35 mg) IV over 60 min. Pulmonary embolism: 100 mg IV over 2 hours Ischemic stroke: 0.9 mg/kg (max 90 mg); give 10% of dose IVP, then remainder over 60 min. Give within 3 hours of stroke; exclude hemorrhage first.
Tizanidine (Zanaflex)	Muscle relaxant	Tab: 4 mg	1-2 tabs q6-8h prn; max 36 mg/day. Orthostatic hypotension, sedation, dry mouth
Tobramycin (Nebcin, Tobrex,	Antibiotic	Vial: 20, 80 mg/2 mL	2 mg/kg IV, then 1.5 mg/kg IV q8h; nephrotoxic, ototoxic; decrease in renal insufficiency; monitor levels Once daily dosing: 5 mg/kg IV q24h. Maintain peak level of 20-24 and trough <0.1 mcg/mL; not suitable in azotemic patients.
Tobi)		Ophth soln: 0.3% [5 mL] Ophth oint: 0.3% [3.5 gm] Nebulizer soln: 300 mg/5mL	1-2 drops into affected eye(s) q1-4h Apply ointment to affected eye(s) q3-8h Cystic fibrosis: 300 mg over 15 min bid via hand-held nebulizer x 28 days, then off x 28 days; repeat cycle.
Tocainide (Tonocard)	Antiarrhythmic Class IB	Tab: 400, 600 mg	400-600 mg q8-12h; confusion, GI upset.
Tolcapone (Tasmar)	Antiparkinson	Tab: 100, 200 mg	100-200 mg tid; max 600 mg daily; somnolence, anorexia. Hepatotoxic, monitor liver function q2 weeks x 1 year.

Drug	Category	Dosage Forms	Dosage, Side Effects, Interactions, and Comments
Tolmetin (Tolectin, Tolectin-DS)	NSAID	Tab: 200, 600 mg Cap: 400 mg	Initial: 200 mg tid; may increase to 200-600 mg tid.
Tolterodine (Detrol)	Antispasmodic	Tab: 1, 2 mg	1-2 mg bid; dyspepsia, dry mouth, blurred vision.
Topiramate (Topamax)	Anticonvulsant	Tab: 25, 100, 200 mg	Initially 50 mg qd, then titrate to max 200 mg bid. Adjunctive treatment of partial onset seizures. Speech difficulties, depression, weight loss.
Torsemide (Demadex)	Loop diuretic	Tab: 5, 10, 20, 100 mg Inj : 10 mg/mL	5-20 mg PO/IV once daily; max 200 mg qd; good oral absorption, (Furosemide 2 mg = Torsemide 1 mg.)
Tramadol (Ultram)	Analgesic	Tab: 50 mg	1-2 tabs q4-6h prn; max 400 mg/day. Non-narcotic; use in patients at high risk of addiction. Risk of seizures.
Trandolapril (Mavik)	ACE-inhibitor	Tab: 1, 2, 4 mg	2-4 mg qd. Black patients may require the higher dose.
Trazodone (Desyrel)	Antidepressant	Tab: 50, 100, 150, 300 mg	150-400 mg in qd-bid; 1-2 weeks required for effect; anticholinergic; priapism rare, orthostatic hypotension, sedation
Tretinoin (Retin A, Renova)	Anti-acne	Cream: 0.05, 0.1% [20, 45 gm] Gel: 0.01, 0.025% [15, 45 gm] Liq: 0.05% [28 mL] Emollient cream: 0.05% [40, 60 gm]	Apply to affected area(s) qhs; apply to dry skin after washing; photosensitivity may occur; teratogenic, mandatory contraception
Triamcinolone (Azmacort, Aristocort, Kenalog, Nasacort)	Corticosteroid	Inhaler: [20 gm] Tab: 1, 2, 4, 8 mg Cream, oint: 0.025, 0.1, 0.5% [15, 80 gm] Lotion: 0.025% [60 mL], 0.1% [15, 60 mL] Nasal spray: 55 mcg/spray [15 mg]	Apply qhs, 20 minutes after washing; modest improvement in fine wrinkling, hyperpigmentation, rough skin during the first 5-6 months. 2-4 puffs bid Adrenal insufficiency: 4-12 mg qAM. Rheumatism: 8-32 mg qAM Apply to affected area(s) bid-qid
Triazolam (Halcion)	Sedative	Tab: 0.125, 0.25 mg	0.125-0.5 mg qhs prn insomnia; short acting

Trifluoperazine (Stelazine)	Antipsychotic	Tab: 1, 2, 5, 10 mg Inj: 2 mg/mL	2-5 mg bid; anticholinergic effects. 1-2 mg IM q4-6h; max 10 mg/day; decrease dosage in elderly
Trifluridine (Viroptic)	Antiviral	Ophth soln: 1% [7.5 mL]	1 drop in affected eye(s) q3h x 7-21 days. Active against HSV 1 and 2.
Trihexyphenidyl (Artane)	Anticholinergic	Tab: 2, 5 mg Cap SR: 5 mg	Extrapyramidal symptoms: 2-5 mg bid-tid; contraindicated in glaucoma.
Trimethobenzamide (Tigan)	Antiemetic	Cap: 100, 250 mg Suppository: 100, 200 mg Inj: 100 mg/mL	100-250 mg q6h prn. 100-200 mg IM/PR q6h prn nausea
Trimethoprim (Proloprim, Trimplex)	Antibiotic	Tab: 100, 200 mg	Pneumocystis carinii pneumonia: 5 mg/kg tid x 21 days with dapsone 100 mg qd
Trovafoxacin (Trovan)	Antibiotic	Tab: 100, 200 mg Inj: 5 mg/mL	300 mg IV, then 200 mg IV/PO qd x 10-14 days for resistant nosocomial infections only. Fatal hepatotoxicity.
Typhoid vaccine	Vaccine	Inj: Cap:	SC: 0.5 mL SC x 1, and repeat in 4 weeks Oral: One cap on day #1, 3, 5, and 7
Urokinase (Abbokinase)	Thrombolytic	Vial: 250,000 IU, 5,000 IU	Pulmonary embolism/venous thrombosis: 4,400 IU/kg IV over 10 min, then 4,400 IU/kg/hr IV infusion x 12h. Central line thrombosis: Inject 5000 U in lumen for 10 min, then aspirate and check for patency; may repeat x 1. Arterial thrombosis: 4,000 U/min x 4h, then 1000-2000 U/min x 24h intra-arterially. Use heparin concurrently.
Valacyclovir (Valtrex)	Antiviral	Caplet: 500 mg Tab: 1 gm	Herpes zoster: 1000 mg tid x 7 days. Reduce dose in azotemia. Herpes simplex: 500 mg bid x 5 days
Valdecoxib (Bextra)	COX-2 inhibitor	Tab: 10 mg	Arthritis: 10 mg qd Dysmenorrhea: 20 mg bid prn. Edema, hypertension
Valganciclovir (Valcyte)	Antiviral, antiretroviral	Tab: 450 mg	CMV retinitis: 900 mg bid x 21 days, then 900 mg qd. Dosage reduction required if Cr Cl <60 mL/min. Administer with food.

Drug	Category	Dosage Forms	Dosage, Side Effects, Interactions, and Comments
Valproic acid (Depakene)	Anticonvulsant	Cap: 250 mg Inj: 500 mg/5mL Syr:250 mg/mL	250-1000 mg PO/IV tid-qid; max 60 mg/kg/d; hepatotoxic, pancreatitis, GI upset; monitor serum level. Useful when seizures refractory to phenytoin. Migraine: 250 mg bid; max 500 mg bid Mania: 250 mg tid-500 mg bid
Valsartan (Diovan)	Angiotensin-II receptor antagonist	Cap: 80, 160 mg	80 mg qd; max 320 mg qd. Addition of diuretic is more effective than increasing > 80 mg qd.
Vancomycin (Vancocin)	Antibiotic	Inj: 0.5, 1.0, 5, 10 gm Cap: 125, 250 mg	1 gm IV q12h; monitor serum levels; ototoxic, nephrotoxic. 125-250 mg PO/NG q6h; used for C. Difficile colitis; no systemic absorption. Recurrent C. difficile: 500 mg qid x 14 days.
Varicella vaccine (Varivax)	Vaccine	Inj: 0.5 mL	0.5 mL SQ and repeat in 4-8 weeks
Vasopressin (Pitressin)	Hormone	Inj: 20 U/mL	Variceal bleeding: 20 U IV over 20-30 min, then 0.2-0.3 U/min [100 U in 250 mL of D5W] for 30 min, followed by increases of 0.2 U/min until bleeding stops or max of 0.9 U/min; taper over 48 hours; bradycardia.
Vecuronium (Norcuron)	Neuromuscular-blocker	Inj: 10 mg/vial	Induction: 0.1 mg/kg IV push. Maintenance: 0.06 mg/kg/hr IV push or IV infusion (50 mg in 100 mL of D5W; conc = 0.5 mg/mL).
Venlafaxine-ER (Effexor XR)	Antidepressant	Tab: 25, 37.5, 50, 75, 100 mg	75-225 mg daily in 2-3 divided dosages; max 375 mg qd; hypertension, anxiety, insomnia, somnolence, sexual dysfunction, headache.
Verapamil (Calan, Isoptin, Verelan)	Calcium-blocker	Tab: 40, 80, 120 mg Tab SR: 120, 180, 240 mg	40-120 mg tid-qid; constipation common. 120-240 mg qd
Vitamin E	Vitamin, antioxidant	Inj : 5 mg/2 mL Caps: 200, 400 IU	2.5-10 mg IV q3-6h 400 IU qd-bid

Warfarin (Coumadin)	Anticoagulant	Tab: 1, 2, 2.5, 3, 5, 6, 7.5, 10 mg	5-10 mg qd x 2-3 d, then 2-5 mg qd; titrate to INR 2.0-3.0 (2.5-3.5 for mechanical prosthetic valves); warfarin effect is enhanced by amiodarone, quinolones, cimetidine, zafirlukast, and azole antifungals. Teratogenic.
Zafirlukast (Accolate)		Tab: 20 mg	Asthma prophylaxis: 20 mg bid; not for acute attacks; prolongs INR when taken with warfarin.
Zalcitabine, ddC (Hivid)	Antiretroviral	Tab: 0.375, 0.75 mg	0.75 mg tid; oral ulcers, peripheral neuropathy (17-31%), pancreatitis
Zaleplon (Sonata)	Hypnotic	Cap: 5, 10 mg	10 mg immediately before bedtime; range 5-20 mg qhs. Rapid onset, ultra-short duration. Does not alter REM sleep. Less potent and shorter duration of action than zolpidem.
Zanamivir (Relenza)	Antiviral	Inh: 5 mg/ blister	Two inhalations (10 mg) q12h x 5 days. Bronchospasm. Effective against influenza A and B. Decreases severity and duration of viral illness by 1-2 days.
Zidovudine (Retrovir, AZT, ZDV)	Antiretroviral	Cap: 100 mg Tab: 300 mg Syr: 50 mg/5mL Inj: 10 mg/mL	200 mg tid; anemia; anorexia, granulocytopenia, headaches, nausea, myositis
Zileuton (Zyflo)	Leukotriene modifier	Tab: 600 mg	1-2 mg/kg IV q4h Asthma prophylaxis: 600 mg qid, not for acute attacks; inhibition of theophylline and warfarin metabolism. Hepatotoxic.
Ziprasidone (Geodon)	Antipsychotic	Cap: 20, 40, 60, 80 mg	20 mg bid; then 40-80 mg bid. Greater propensity to prolong QTc interval compared to other antipsychotics. Rash, weight gain, EPS, QT prolongation.
Zoledronic acid (Zometa)	Bone stabilizer	Inj: 4 mg/vial	4 mg IV infusion over 15-30 min; precede with saline hydration.
Zolmitriptan (Zomig)	Antimigraine	Tab: 2.5, 5 mg	2.5 mg once, may repeat after 2 hrs; max 10 mg/24 hrs. Contraindicated in coronary artery disease; may cause chest tightness, paresthesia, flushing. Serotonin syndrome with SSRIs.

Zolpidem (Ambien)	Hypnotic	Tab: 5, 10 mg	5-10 mg qhs; 5 mg in elderly; rapid onset, short duration; no daytime sedation; does not alter REM sleep.
Zonisamide (Zonegran)	Anticonvulsant	Cap: 100 mg	100 mg qd-bid; max 300 mg bid. Effective in partial and refractory seizures. Nephrolithiasis (2%).

Combination Drugs

Name	Class	Dosage Forms	Dosage, Side Effects, and Comments
Accuretic	Antihypertensive	Tab: Quinapril 10 mg, HCTZ 12.5 mg Quinapril 20 mg, HCTZ 12.5 mg Quinapril 20 mg, HCTZ 25 mg	1 tab qd
Actifed with codeine (C-V)	Decongestant Antihistamine Antitussive	Syr per 5 mL: Pseudoephedrine 30 mg, triprolidine 1.25 mg, codeine 10 mg [480 mL]	10 mL q4-6h; max 4 doses per day; drowsiness.
Actifed 12-hour	Decongestant Antihistamine	Cap SR : Pseudoephedrine 120 mg, triprolidine 5 mg	1 cap bid prn
Activella	Antiosteoporotic	Patch: Estradiol 0.05 mg, norethindrone 0.14 mg/24 hrs. Estradiol 0.05 mg, norethindrone 0.25 mg/24 hrs.	Apply patch to lower abdomen qd. Breast pain, dysmenorrhea.
Adderall	Stimulant	Tab (Amphetamine, dextroamphetamine): 5, 10, 20, 30 mg	5-30 mg bid. Xerostomia, unpleasant taste, impotence, hypertension.
Advair Diskus	Bronchodilator Corticosteroid	Powder for inhalation (28 and 60 blisters) : fluticasone 100 mcg/salmeterol 50 mcg fluticasone 250 mcg/salmeterol 50 mcg fluticasone 500 mcg/salmeterol 50 mcg	One inhalation bid. Not appropriate for management of acute attacks.
Advicor	Antihyperlipidemic	ER niacin 500 mg/lovastatin 20 mg ER niacin 750 mg/lovastatin 20 mg ER niacin 1000 mg/lovastatin 20 mg	One tab PO qhs. Hepatitis, myositis, myopathy
Aggrenox	Antiplatelet	Cap ER: Aspirin 25 mg, Dipyridamole 200 mg	1 cap bid for stroke prevention. GI bleeding, headache, diarrhea.
Aldactazide	Diuretic Antihypertensive	Tab: Spironolactone 25, hydrochlorothiazide 25 mg Tab: Spironolactone 50, hydrochlorothiazide 50 mg	1-2 tab qd; gynecomastia. 1 tab qd

Alesse-21	Contraceptive	Tab: Levonorgestrel 0.1 mg, ethinyl estradiol 0.02 mg	1 tab qd x 21; off x 7 days, then repeat. 21-day pack.
Alesse-28		Tab: Levonorgestrel 0.1 mg, ethinyl estradiol 0.02 mg	1 tab qd; 28-day pack.
Arthrotek	NSAID	Tab: Diclofenac 50 mg/misoprostol 200 mcg, Diclofenac 75 mg/misoprostol 200 mg	1 tab bid-qid; diarrhea, nausea.
Atacand-HCT	Antihypertensive	Tab: Candesartan 16 mg, HCTZ 12.5 mg Candesartan 32 mg, HCTZ 12.5 mg	1 tab qd
Augmentin 250	Antibiotic	Tab: Amoxicillin 250 mg, clavulanate 125 mg	One tab mg tid; diarrhea, GI upset.
Augmentin 500		Tab: Amoxicillin 500 mg, clavulanate 125 mg	
Augmentin 875		Tab: Amoxicillin 875 mg, clavulanate 125 mg	One tab mg bid; less diarrhea than with 500 mg tab.
Auralgan otic	Analgesic topical	Otic soln per mL: Benzocaine 1.4%, antipyrine 5.4% [10 mL]	Fill ear canal and insert saturated pledget tid-qid prn pain.
Bactrim DS	Antibiotic	Tab: Sulfamethoxazole 800 mg, trimethoprim 160 mg	Urinary tract infections: One tab bid x 3-10d; rash, erythema multiforme. Shigellosis: 1 tab bid x 3-5d Exacerbation of chronic bronchitis: 1 tab bid.
Bactrim SS		Tab: Sulfamethoxazole 400 mg, trimethoprim 80 mg	UTI prophylaxis: 1 tab qhs; rash, neutropenia.
Bactrim IV	Antibiotic	Inj per 5 mL: Sulfamethoxazole 400 mg, trimethoprim 80 mg	P. carinii pneumonia: 15 mg/kg/day (based on TMP) IV in 3 doses x 21 days (each dose in 250 mL of D5W over 2 hours). Urinary tract infections and shigellosis: 8-10 mg/kg daily based on trimethoprim in 3 equal doses (q8h by IV infusion) for 7 days.
Benzamycin	Anti-Acne	Gel: Erythromycin 3%, benzoyl peroxide 5% [23.3 gm]	Apply topically bid; dryness, urticaria.

Name	Class	Dosage Forms	Dosage, Side Effects, and Comments
Blephamide	Antibiotic Corticosteroid	Ophth susp: Sulfacetamide 10%, prednisolone 0.2% [5, 10 mL] Ophth oint: Sulfacetamide 10%, prednisolone 0.2% [3.5 gm]	1 drop in affected eye(s) bid-qid; local irritation, allergic sensitization. Apply to affected eye tid-qid.
Cafergot	Antimigraine	Tab: Ergotamine 1 mg, caffeine 100 mg Rectal suppository: Ergotamine 2 mg, caffeine 100 mg	1-2 tabs initially, then 1-2 tabs q30min prn; max 6/day or 10 tabs/week; nausea, leg weakness. ½-1 suppository PR initially, then q1h prn; max 2 suppository/day or 5 suppository/week.
Capozide 25/15 Capozide 25/25 Capozide 50/15 Capozide 50/25	Antihypertensive	Tab: Captopril 25 mg, hydrochlorothiazide 15 mg Tab: Captopril 25 mg, hydrochlorothiazide 25 mg Tab: Captopril 50 mg, hydrochlorothiazide 15 mg Tab: Captopril 50 mg, hydrochlorothiazide 25 mg	1-2 tab bid; cough, proteinuria, dysgeusia.
Claritin-D	Antihistamine Decongestant	Tab: Loratadine 5 mg, pseudoephedrine 120 mg	1 tab qAM on an empty stomach; insomnia, dry mouth.
Coly-Mycin S	Antibacterial Corticosteroid	Otic susp per mL: Neomycin 4.71 mg, colistin 3 mg, hydrocortisone 1% [5, 10 mL]	5 drops in affected ear(s) tid-qid
Combivent	Bronchodilator Anticholinergic	Inhaler: Albuterol/ipratropium [14.7 gm]	2-4 puffs qid; dysphonia, increased salivation, taste perversion.
Combivir	Antiretroviral	Tab: Lamivudine 150 mg, zidovudine 300 mg	1 tab bid; nausea, headache, anorexia, anemia, granulocytopenia.
Cortisporin	Antibiotic Corticosteroid	Ophth susp per mL: Polymyxin B 10,000 U, neomycin 0.35%, hydrocortisone 1% [7.5 mL] Otic solution, susp per mL: Polymyxin B 10,000 U, neomycin 5 mg, hydrocortisone 1% [10 mL]	1-2 drops in affected eye(s) q3-4h; secondary infection. 4 drops in affected ear(s) tid-qid
Cosopt	Antiglaucoma	Ophth soln: Dorzolamide 2%, timolol 0.5% (5, 10 mL)	One drop bid. Bitter taste, photophobia.

Darvocet-N 50	Analgesic (C-IV)	Tab: Propoxyphene 50 mg, acetaminophen 325 mg	2 tab q4h prn pain; drowsiness, nausea.
Darvocet-N 100		Tab: Propoxyphene 100 mg, acetaminophen 650 mg	1 tab q4h prn pain; renal papillary necrosis.
Darvon Compound-65	Analgesic (C-IV)	Cap: Propoxyphene 65 mg, aspirin 389 mg, caffeine 32.4 mg	1 cap q4h prn pain; aspirin nephropathy.
Demulen 1/35	Contraceptive	Tab: Ethinyl estradiol 35 mcg, ethynodiol diacetate 1 mg; 21-day and 28-day compaks	1 tab qd; low androgenic; useful for patients with acne.
Demulen 1/50		Tab: Ethinyl estradiol 50 mcg, ethynodiol diacetate 1 mg; 21-day and 28-day compaks	
Desogen	Contraceptive	Tab: Ethinyl estradiol 30 mcg, desogestrel 0.15 mg	1 tab qd; 28-day packs
Dimetane DX	Antihistamine Decongestant	Syr: (5 mL): Pseudoephedrine 30 mg, brompheniramine 2 mg, dextromethorphan 10 mg	10 mL q4h prn
Dimetapp	Antihistamine Decongestant	Elixir per 5 mL: Brompheniramine 1 mg, pseudoephedrine 15 mg	10-20 mL q4-6h prn
Dimetapp-DM	Antihistamine Antitussive Decongestant	Elixir per 5 mL: Brompheniramine 1 mg, dextromethorphan 5 mg, pseudoephedrine 15 mg	10-20 mL q4-6h prn
Diovan/HCT	Antihypertensive	Tab: Valsartan 80 mg/HCTZ 12.5 mg Valsartan 160 mg/HCTZ 12.5 mg	1 tab qd
Donnatal	Antispasmodic Anticholinergic	Cap, tab: Hyoscyamine 0.1037, phenobarbital 16.2 mg atropine 0.0194, scopolamine 0.0065,	1-2 cap or tab tid-qid; drowsiness.
Donnatal Extentabs	Antispasmodic Anticholinergic	Tab ER: Hyoscyamine 0.3111, phenobarbital 48.6 mg atropine 0.0582, scopolamine 0.0195,	1 tab bid-tid; drowsiness, dizziness.
Duratuss	Decongestant Expectorant	Tab: Pseudoephedrine 120 mg, guaifenesin 600 mg	1 tab q12h
Dyazide	Diuretic	Cap: Triamterene 50 mg, hydrochlorothiazide 25 mg	1-2 cap qd; hyperuricemia.

Name	Class	Dosage Forms	Dosage, Side Effects, and Comments
Esgic	Analgesic	Cap, tab: Acetaminophen 325 mg, butalbital 50 mg, caffeine 40 mg	1-2 cap or tab q4h prn pain; drowsiness, dizziness.
Esgic-plus	Analgesic	Tab: Acetaminophen 500 mg, butalbital 50 mg, caffeine 40 mg	1 tab q4h prn pain 1-2 tab q4h
Estratest	Estrogen	Tab: Esterified estrogen 0.625 mg, methyltestosterone 1.25 mg	1 tab qd
Estratest-HS	Estrogen	Tab: Esterified estrogen 1.25 mg, methyltestosterone 2.5 mg	1 tab qd
Fansidar	Antimalarial	Tab: Sulfadoxine 500 mg, pyrimethamine 25 mg	Acute malaria: 3 tabs once Prophylaxis: 1 tab weekly, begin 2 days before departure; continue 4-6 weeks after return. Maintenance toxoplasmosis: 1 tab PO 3 times a week; blood dyscrasias, allergic reactions.
Ferro-sequels	Hematinic	Tab SR: Ferrous fumarate 150 mg, docusate 100 mg	1 tab qd-bid
Fioricet	Analgesic	Tab: Acetaminophen 325 mg, butalbital 50 mg, caffeine 40 mg	1-2 tab q4h prn, max 6 tab/day; renal papillary necrosis.
Fioricet with codeine (C-III)	Analgesic	Cap: Acetaminophen 325 mg, butalbital 50 mg, caffeine 40 mg, codeine 30 mg	1-2 cap q4h prn; max 6 cap/day
Fiorinal	Analgesic	Cap, tab: Aspirin 325 mg, caffeine 40 mg, butalbital 50 mg	1-2 cap or tab q4h; max of 6/day; drowsiness.
Fiorinal codeine (C-III)	Analgesic	Cap: Aspirin 325 mg, caffeine 40 mg, butalbital 50 mg, codeine 30 mg	1-2 cap q4-6h prn; max 6 cap/day.
Glucovance	Hypoglycemic	Tab: Glyburide 1.25 mg, Metformin 250 mg Glyburide 2.5 mg, Metformin 500 mg Glyburide 5 mg, Metformin 500 mg	1 tab qd-bid. GI upset, diarrhea. Potential for lactic acidosis in presence of azotemia.
Humulin 70/30	Insulin	NPH 70%/regular insulin 30%; 100 U/mL [10 mL]	30-80 U/day in 2 daily injections

Hycodan (C-III)	Antitussive Anticholinergic	Syr/5 mL: Hydrocodone 5 mg, homatropine 1.5 mg Tab: Hydrocodone 5 mg, homatropine 1.5 mg	5 mL q4-6h; dry mouth, urinary retention. 1 tab q4-6h
Hycomine (C-III)	Antitussive Decongestant	Syr per 5 mL: Hydrocodone 5 mg, phenylpropranolamine 25 mg [pint]	5 mL q4h prn; urethral spasm, urinary retention, blurred vision.
Hyzaar	Antihypertensive	Tab: Losartan 50 mg, hydrochlorothiazide 12.5 mg	One tab qd-bid; drowsiness.
Kaletra	Antiretroviral	Cap: Lopinavir 133.3 mg/ritonavir 33.3 mg Oral soln: Lopinavir 80 mg/ritonavir 20 mg/mL	3 caps or 5 mL tid with food. Asthenia, rash, GI symptoms.
Levlen	Contraceptive	Tab: Ethinyl estradiol 30 mcg, levonorgestrel 0.15 mg	1 tab qd; 21 day and 28 day slidecases
Lexxel	Antihypertensive	Tab: Enalapril 5 mg, Felodipine 5 mg	1 tab qd. Less peripheral edema than felodipine alone.
Lo/Ovral	Contraceptive	Tab: Ethinyl estradiol 30 mcg, norgestrel 0.3 mg	1 tab qd; 21 and 28 day pilpaks
LoEstrin 21 ½0	Contraceptive	Tab: Ethinyl estradiol 20 mcg, norethindrone 1 mg	1 tab qd; 21-day petipacs
LoEstrin 21 1.5/30		Tab: Ethinyl estradiol 30 mcg, norethindrone 1.5 mg	
LoEstrin FE ½0	Contraceptive	Tab: Ethinyl estradiol 20 mcg, norethindrone 1 mg; ferrous fumarate 75 mg (7)	1 tab qd; 21-day, 28-day pilpaks
LoEstrin FE 1.5/30		Tab: Ethinyl estradiol 30 mcg, norethindrone 1.5 mg; ferrous fumarate 75 mg (7)	1 tab qd; 28-day petipacs
Lomotil (C-V)	Antidiarrheal	Liquid per 5 mL: Diphenoxylate 2.5 mg, atropine 0.025 mg [60 mL] Tab: Diphenoxylate 2.5 mg, atropine 0.025 mg	10 mL qid until diarrhea controlled; confusion, toxic megacolon, paralytic ileus, pancreatitis. 2 tab qid until diarrhea controlled

Name	Class	Dosage Forms	Dosage, Side Effects, and Comments
Lopressor/HCT 50/25	Antihypertensive	Tab: Metoprolol 50 mg, hydrochlorothiazide 25 mg	1-2 tab qd; fatigue, lethargy, flu-like symptoms, vertigo, somnolence.
Lopressor/HCT 100/25		Tab: Metoprolol 100 mg, hydrochlorothiazide 25 mg	
Lopressor/HCT 100/50		Tab: Metoprolol 100 mg, hydrochlorothiazide 50 mg	
Lortab (C-III)	Analgesic	Liquid per 5 mL: Hydrocodone 2.5 mg, acetaminophen 120 mg [118mL]	15 mL q4h prn pain
Lortab 25/500 (C-III)		Tab: Hydrocodone 2.5 mg, acetaminophen 500 mg	1-2 tab q4-6h prn pain; sedation, nausea.
Lortab 5/500 (C-III)		Tab: Hydrocodone 5 mg, acetaminophen 500 mg	
Lortab 7.5/500 (C-III)		Tab: Hydrocodone 7.5 mg, acetaminophen 500 mg	
Lortab 10/500 (C-III)		Tab: Hydrocodone 10 mg, acetaminophen 500 mg	
Lotrel 2.5/10	Antihypertensive	Cap: Amlodipine 2.5 mg/benazepril 10 mg	1 cap qd
Lotrel 5/10		Cap: Amlodipine 5 mg/benazepril 10 mg	
Lotrel 5/20		Cap: Amlodipine 5 mg/benazepril 20 mg	
Lotrisone	Antifungal	Cream: Clotrimazole 1%, betamethasone dipropionate 0.05% [15, 45 gm]	Massage into affected areas bid; skin atrophy and systemic steroid effects common.
Lunelle	Contraceptive	Inj: Medroxyprogesterone 25 mg/0.5 mL, estradiol 5mg/0.5 mL	0.5 mL IM every 33 days. Return to ovulation within 2-4 months.
Malarone	Antimalarial	Tab: Atovaquone 250 mg, proguanil 100 mg	Prophylaxis: 1 tab qd starting 2 days before and continuing for 7 days after travel. Treatment: 4 tabs qd x 3 with food. Abdominal pain, nausea, vomiting, headache.

Maxitrol	Antibiotic	Opth susp: Neomycin 0.35%, polymyxin 10,000 U, dexamethasone 0.17% [5 mL]	1-2 drops q3-4h.
	Corticosteroid	Opth oint: Neomycin 0.35%, polymyxin 10,000 U, dexamethasone 0.17% [3.5 gm]	Apply to affected eye(s) q3-4h.
Maxzide	Antihypertensive Diuretic	Tab: Triamterene 75 mg, hydrochlorothiazide 50 mg	1 tab qd; jaundice, pancreatitis, interstitial nephritis, renal stones.
Maxzide-25		Tab: Triamterene 37.5 mg, hydrochlorothiazide 25 mg	1-2 tab qd
Midrin	Antimigraine	Cap: Isometheptene 65 mg, dichloralphenazone 100 mg, acetaminophen 325 mg	Tension headache: 1-2 cap q4h prn, max 8/day; dizziness, rash. Migraine: 2 cap, then 1 cap q1h until relieved, max 5 cap/12 hours. Caution in coronary artery disease.
Moduretic	Diuretic	Tab: Amiloride 5 mg, hydrochlorothiazide 50 mg	Initially 1-2 tab qd; headache, hyperuricemia.
Monopril-HCT	Antihypertensive	Tab: Fosinopril 10 mg, HCTZ 12.5 mg Fosinopril 20 mg, HCTZ 12.5 mg	1 tab qd
Mycolog-II	Corticosteroid Antifungal	Cream, oint per gm: Triamcinolone 1.0 mg, nystatin 100,000 U [15, 30, 60, 120 gm]	Apply to the affected area(s) bid; skin atrophy common.
Naphcon-A	Decongestant Antihistamine	Opth soln: Naphazoline 0.025%, pheniramine 0.3% [15 mL]	1-2 drops in each eye q3-4h; urinary retention, exacerbation of hypertension.
Neosporin	Antibiotic	Opth soln per mL: Polymyxin B 10,000 U, neomycin 1.75 mg, gramicidin 0.025 mg [10 mL] Opth oint per gm: Polymyxin B 10,000 U, neomycin 3.5 mg, bacitracin 400 U [3.75 gm] Cream per gm: Polymyxin B 10,000 U, neomycin 3.5 mg [15 gm] Oint per gm: Polymyxin B 5,000 U, neomycin 3.5 mg, bacitracin 400 U [15, 30 gm]	1-2 drops in affected eye(s) bid-qid. Apply to affected eye(s) q3-4h Apply to affected area(s) qd-tid Apply to affected area(s) qd-tid

Name	Class	Dosage Forms	Dosage, Side Effects, and Comments
Neosporin Maximum Strength	Antibiotic	Oint per gm: Polymyxin B 10,000 U, neomycin 3.5 mg, bacitracin 500 U [15 gm]	Apply to affected area(s) qd-tid
Neosporin Plus	Antibiotic Local Anesthetic	Cream per gm: Polymyxin B 10,000 U, neomycin 3.5 mg, lidocaine 40 mg [15 gm] Oint per gm: Polymyxin B 10,000 U, neomycin 3.5 mg, bacitracin 500 U, lidocaine 40 mg [15 gm]	Apply to affected area(s) qd-tid Apply to affected area(s) qd-tid
Nordette	Contraceptive	Tab: Ethinyl estradiol 30 mcg, levonorgestrel 0.15 mg	1 tab qd; 21-day and 28-day pilpaks
Norethin 1/35E	Contraceptive	Tab: Ethinyl estradiol 35 mcg, norethindrone 1 mg	1 tab qd; 21-day and 28-day compaks
Norethin 1/50M		Tab: Mestranol 50 mcg, norethindrone 1 mg	
Norgesic Forte	Muscle relaxant Analgesic	Tab: Orphenadrine 50 mg, aspirin 770 mg, caffeine 60 mg	½-1 tab tid-qid
Norgesic	Muscle relaxant Analgesic	Tab: Orphenadrine 25 mg, aspirin 385 mg, caffeine 30 mg	1-2 tab tid-qid; mild anticholinergic effects.
Norinyl 1+35	Contraceptive	Tab: Ethinyl estradiol 35 mcg, norethindrone 1 mg	1 tab qd; 21-day and 28-day wallet
Norinyl 1+50		Tab: Mestranol 50 mcg, norethindrone 1 mg	
Norlestrin 1/50	Contraceptive	Tab: Ethinyl estradiol 50 mcg, norethindrone 1 mg	1 tab qd; 21-day and 28 day compacts
Norlestrin 2.5/50		Tab: Ethinyl estradiol 50 mcg, norethindrone 2.5 mg	
Norlestrin Fe 2.5/50	Contraceptive	Tab: Ethinyl estradiol 50 mcg, norethindrone 2.5 mg, ferrous fumarate 75 mg (7 Tab)	1 tab qd; 28-day compacts
Norlestrin Fe 1/50	Contraceptive	Tab: Ethinyl estradiol 50 mcg, norethindrone 1 mg; ferrous fumarate 75 mg (7 tab); 28-day compacts	1 tab qd
Novolin 70/30	Insulin	NPH insulin 70%/regular insulin 30%; 100 U/mL [10 mL, PenFill]	30-80 U per day SQ in 2-4 injections

Ortho Tri-Cyclen	Contraceptive	Tab: Ethinyl estradiol 35 mcg, norgestimate 0.18 mcg (7 tab); ethinyl estradiol 35 mcg, norgestimate 0.215 mg (7 tab); ethinyl estradiol 35 mcg, norgestimate 0.25 mg (7 tab)	1 tab qd; 21-day and 28-day dialpaks
Ortho-Cept	Contraceptive	Tab: Ethinyl estradiol 30 mcg, desogestrel 0.15 mg	1 tab qd; 21-day and 28-day dialpaks
Ortho-Cyclen	Contraceptive	Tab: Ethinyl estradiol 35 mcg, norgestimate 0.25 mg	1 tab qd; 21-day and 28-day dialpaks
Ortho-Novum 1/35	Contraceptive	Tab: Norethindrone 1 mg, ethinyl estradiol 35 mcg	1 tab qd; 21-day and 28-day dialpaks
Ortho-Novum 1/50	Contraceptive	Tab: Norethindrone 1 mg, mestranol 50 mcg	1 tab qd; 21-day and 28-day dialpaks
Ortho-Novum 7/7/7	Contraceptive	Tab: Ethinyl estradiol 35 mcg, norethindrone 0.5 mg (7 tab); ethinyl estradiol 35 mcg, norethindrone 0.75 mg (7 tab); ethinyl estradiol 35 mcg, norethindrone 1 mg (7 tab)	1 tab qd; 21-day or 28-day dialpaks
Os-Cal 500+D	Mineral	Tab: Calcium 500 mg, vitamin D 200 IU	One tab qd-tid.
Ovcon-35	Contraceptive	Tab: Ethinyl estradiol 35 mcg, norethindrone 0.4 mg	1 tab qd; 28-day dispensers
Ovcon-50	Contraceptive	Tab: Ethinyl estradiol 50 mcg, norethindrone 1 mg	1 tab qd; 21-Day and 28-Day Pilpaks
Ovral	Contraceptive	Tab: Ethinyl estradiol 50 mcg, norgestrel 0.5 mg	1 tab qd; 21-Day and 28-Day Pilpaks
PediOtic	Antibacterial	Otic susp per mL: Polymyxin B 10,000 U, neomycin 3.5 mg, hydrocortisone 1% [7.5 mL]	4 drops in affected ear(s) tid-qid
Pepcid Complete	Corticosteroid	Tab, chewable: Famotidine 10 mg, calcium carbonate 800 mg, Mg hydroxide 165 mg.	Chew and swallow 1 tab qd-bid.
Percocet (C-II)	Anti-ulcer	Tab: Oxycodone 5 mg, acetaminophen 325 mg	1 tab q6h prn pain
Percodan (C-II)	Analgesic	Tab: Oxycodone 4.88 mg, aspirin 325 mg	1 tab q6h prn pain
Peri-Colace	Laxative, stool softener	Cap: Casanthranol 30 mg, docusate 100 mg	1 tab qd-bid prn; nausea abdominal cramps.
Phenergan codeine (C-V)	Antihistamine Antitussive	Syr per 5 mL: Promethazine 6.25 mg, codeine 10 mg [118 mL]	5 mL q4-6h; max 30 mL/day; nausea, extrapyramidal effects.

Name	Class	Dosage Forms	Dosage, Side Effects, and Comments
Phenergan DM	Antihistamine Antitussive	Syr per 5 mL: Promethazine 6.25 mg, dextromethorphan 15 mg [120, pint]	5 mL q4-6h; max 30 mL/day; sedation.
Phenergan VC	Antihistamine Decongestant	Syr per 5 mL: Promethazine 6.25 mg, phenylephrine 5 mg [118 mL, pint]	5 mL q4-6h
Phenergan VC with codeine (C-V)	Antihistamine Decongestant Antitussive	Syr per 5 mL: Promethazine 6.25 mg, phenylephrine 5 mg, codeine 10 mg [118, 480 mL]	5 mL q4-6h; max 30 mL/day
Polysporin	Antibacterial	Ophth oint per g: Polymyxin B 10,000 U, bacitracin 500 U [3.75 gm]	Apply to affected eye(s) q3-4h
		Powder, oint per gm: Polymyxin B 10,000 U, bacitracin 500 U [powder 10 gm; oint 15, 30 gm]	Apply to affected area(s) qd-tid
		Spray per 90 gm can: Polymyxin B 200,000 U, bacitracin 10,000 U [90 gm]	Apply spray to affected area(s) qd-tid
Polytrim	Antibiotic	Ophth soln: Trimethoprim 1 mg/mL, polymyxin B 10,000 U/mL (10mL)	1 drop in affected eye(s) 6 times daily x 7-10 days.
Premphase	Menopausal hormone	Maroon tab: Conjugated estrogen 0.625 mg	1 maroon tab daily on days 1-14 and 1 light blue tab daily on days 15 through 28.
		Light blue tab: Conjugated estrogen 0.625 mg and medroxyprogesterone 5 mg	
Prempro	Menopausal hormone	Tab: Conjugated estrogen 0.625 mg with medroxyprogesterone 2.5 mg or 5 mg.	One tab qd continuously
Prinizide 10-12.5	Antihypertensive	Tab: Lisinopril 10 mg, hydrochlorothiazide 12.5 mg	1-2 tab qd; dizziness, headache, cough, fatigue.
Prinizide 20-12.5		Tab: Lisinopril 20 mg, hydrochlorothiazide 12.5 mg	
Prinizide 20-25		Tab: Lisinopril 20 mg, hydrochlorothiazide 25 mg	
ProctoCream-HC	Anesthetic Corticosteroid	Cream: Pramoxine 1%, hydrocortisone 1% [30 gm]	Apply to affected area(s) tid-qid
ProctoFoam-HC	Anesthetic Corticosteroid	Aerosol foam: Pramoxine 1%, hydrocortisone 1% [10 gm]	Apply to affected area(s) tid-qid
RID	Pediculicide	Shampoo: Pyrethrin 0.3%, piperonyl butoxide 3% [60, 120, 240 mL]	Apply to the infected and adjacent hairy area and washed off after 10 minutes; OTC

Rifamate	Tuberculostatic	Cap: Rifampin 300 mg, isoniazid 150 mg	1 cap qd; monitor for hepatotoxicity
Rifater	Tuberculostatic	Tab: Rifampin 120 mg, isoniazid 50 mg, pyrazinamide 300 mg	6 tabs once daily. Reduce dose to 5 tabs if <54 kg, and to 4 tabs if <44 kg
Robitussin A-C (C-V)	Antitussive Expectorant	Syr per 5 mL: Codeine 10 mg, guaifenesin 100 mg [60, 120 mL, pint]	10 mL q4h; nausea, constipation.
Robitussin-CF	Antitussive Decongestant Expectorant	Syr per 5 mL: Dextromethorphan 10 mg, phenylpropranolamine 12.5 mg, guaifenesin 100 mg [120, 240, 360, 480 mL]	10 mL q4-6h
Robitussin-DAC (C-V)	Antitussive Decongestant Expectorant	Syr per 5 mL: Codeine 10 mg, pseudoephedrine 30 mg, guaifenesin 100 mg [480 mL]	10 mL q4h; nausea, constipation.
Robitussin-PE	Decongestant Expectorant	Syr per 5 mL: Pseudoephedrine 30 mg, guaifenesin 100 mg [120, 240, 480 mL]	10 mL q4h; max 4 doses/day
Rynatan	Antihistamine Decongestant	Tab: Azatadine 1 mg, pseudoephedrine 120 mg	1 tab qd-bid
Senokot-S	Laxative, stool softener	Tab: Docusate 50 mg, Senna 187 mg	1-2 tab qhs prn
Septra DS	Antibiotic	Tab: Sulfamethoxazole 800 mg, trimethoprim 160 mg	Urinary tract infections: 1 tab bid x 7-10 days Shigellosis: 1 tab bid x 3-5 days Bronchitis: 1 tab bid x 2 weeks Travelers diarrhea: 1 tab bid x 5 days Rash common; Stevens Johnson Syndrome (erythema multiforme) rarely
Septra SS		Tab: Sulfamethoxazole 400 mg, trimethoprim 80 mg	UTI Prophylaxis: 1 tab qhs

Name	Class	Dosage Forms	Dosage, Side Effects, and Comments
Septra IV	Antibiotic	Inj per 5 mL: Sulfamethoxazole 400 mg, trimethoprim 80 mg	P. carinii pneumonia: 15 mg/kg/day (based on TMP) IV in 3 doses x 21 days (each dose in 250 mL of D5W over 2 hours). Urinary tract infections and shigellosis: 8-10 mg/kg daily based on trimethoprim in 3 equal doses (q8h by IV infusion) for 7 days.
Sinemet 10/100	Antiparkinsonian	Tab: Carbidopa 10 mg, levodopa 100 mg	1 tab tid-qid; dyskinesia, nausea, mental status changes, paranoia, psychosis, depression.
Sinemet 25/100		Tab: Carbidopa 25 mg, levodopa 100 mg	
Sinemet 25/250		Tab: Carbidopa 25 mg, levodopa 250 mg	
Soma with codeine (C-III)	Muscle relaxant Analgesic	Tab: Carisoprodol 200 mg, aspirin 325 mg, codeine 16 mg	1-2 tab qid prn
Soma compound	Muscle relaxant Analgesic	Tab: Carisoprodol 200 mg, aspirin 325 mg	1-2 tab qid prn; vertigo, ataxia, tremor, facial flushing, pancytopenia (rare).
Talwin NX	Analgesic	Tab: Pentazocine 50 mg, naloxone 0.5 mg	1 tab q3-4h
Tavist-D	Decongestant Antihistamine	Tab: Phenylpropanolamine 75 mg, clemastine 1.34 mg	1 tab bid
Teczem	Antihypertensive	Tab ER: Enalapril 5 mg, diltiazem 180 mg	1-2 tab qd
Tenoretic 100	Antihypertensive	Tab: Atenolol 100 mg, chlorthalidone 25 mg	1 tab qd; erectile dysfunction, depression.
Tenoretic 50		Tab: Atenolol 50 mg, chlorthalidone 25 mg	
Timentin	Antibiotic	Inj: 3.1 gm (ticarcillin 3 gm, clavulanic acid 0.1 gm)	3.1 gm IV q4-6h; hypokalemia.
TobraDex	Antibiotic	Ophth susp: Dexamethasone 1%, tobramycin 0.3% [5 mL]	1-2 drops in affected eye(s) q3-4h
	Corticosteroid	Ophth oint: Dexamethasone 1%, tobramycin 0.3% [3.5 gm]	Apply to affected eye(s) q3-4h.
Tri-Levlen	Contraceptive	Tab: Ethinyl estradiol 30 mcg, levonorgestrel 0.05 mg (6); ethinyl estradiol 40 mcg, levonorgestrel 0.075 mg (5); ethinyl estradiol 30 mcg, levonorgestrel 0.125 mg (10)	1 tab qd; 21-day and 28-day compacts

Tri-Norinyl	Contraceptive	Tab: Ethinyl estradiol 35 mcg, norethindrone 0.5 mg (7); ethinyl estradiol 35 mcg, norethindrone 1 mg (9); ethinyl estradiol 35 mcg, norethindrone 0.5 mg (5)	1 tab qd; 21-day and 28-day wallets
Triphasil	Contraceptive	Tab: Ethinyl estradiol 30 mcg, levonorgestrel 0.05 mg (6 tab); ethinyl estradiol 40 mcg, levonorgestrel 0.075 mg (5 tab); ethinyl estradiol 30 mcg, levonorgestrel 0.125 mg (10 tab)	1 tab qd; 21-day or 28-day Pilpaks
Tritec	Anti-helicobacter pylori	Tab: 400 mg Ranitidine 162 mg, bismuth 128 mg, citrate 110 mg	1 tab bid x 28 days with clarithromycin 500 mg tid x 14 days; 73-84% effective.
Trizivir	Antiviral	Tab: Abacavir 300 mg, lamivudine 150 mg, zidovudine 300 mg	1 tab bid. Life-threatening hypersensitivity 5%.
Tussi-Organidin (C-V)	Antitussive Expectorant	Liquid per 5 mL: Codeine 10 mg, guaifenesin 100 mg [pint]	5-10 mL q4h prn; nausea, constipation.
Tussi-Organidin DM	Antitussive Expectorant	Liquid per 5 mL: Dextromethorphan 10 mg, guaifenesin 100 mg [pint]	5-10 mL q4h prn
Tussionex (C-III)	Antihistamine Antitussive	Extended-release susp per 5 mL: chlorpheniramine 8 mg, hydrocodone 10 mg [480]	5 mL bid; drowsiness.
Tylox (C-II)	Analgesic	Cap: Oxycodone 5 mg, acetaminophen 500 mg	1 cap q6h prn pain
Ultracet	Analgesic	Tramadol 37.5 mg, acetaminophen 325 mg	1-2 tabs q4-6h prn; max 8 tabs/day. For max 5 days
Unasyn	Antibiotic	inj: 1.5 gm (ampicillin 1 gm, sulbactam 0.5 gm), 3.0 gm (ampicillin 2 gm, sulbactam 1 gm)	1.5-3 gm IV q6h; diarrhea, rash, enterocolitis agranulocytosis.
Uniretic	Antihypertensive	Tab: Moexipril/hydrochlorothiazide 7.5/12.5 and 15/25	1-2 tab qd; cough, dizziness, hyperlipidemia.
Vaseretic 5-12.5	Antihypertensive	Tab: Enalapril 5 mg, hydrochlorothiazide 12.5 mg	1 tab qd; cough, asthenia
Vaseretic 10-25		Tab: Enalapril 10 mg, hydrochlorothiazide 25 mg	

Vasocidin	Antibiotic Corticosteroid	Ophth soln: Sulfacetamide 10%, prednisolone 0.25% [5,10 mL] Ophth oint: Sulfacetamide 10%, prednisolone 0.5% [3.5 gm]	2 drops into affected eye(s) q4h Apply to affected eye(s) tid-qid
Vicodin (C-III)	Analgesic	Tab: Hydrocodone 5 mg, acetaminophen 500 mg	1-2 tab q4-6h prn pain, drowsiness, incoherence.
Vicodin ES (C-III)		Tab: Hydrocodone 7.5 mg, acetaminophen 750 mg	1 tab q4-6h prn pain
Wigraine	Antimigraine	Rectal supp: Ergotamine 2 mg, caffeine 100 mg Tab: Ergotamine 1 mg, caffeine 100 mg	1 supp initially, may repeat prn x 1; max 2 supp/attack. Chest and muscle pain, paresthesia 2 tab initially, then 1 tab q30min prn; max 6 tab/attack or 10 tab/week.
Zestoretic 10/12.5 Zestoretic 20/12.5 Zestoretic 20/25 Ziac 2.5	Antihypertensive	Tab: Lisinopril 10 mg, hydrochlorothiazide 12.5 mg Tab: Lisinopril 20 mg, hydrochlorothiazide 12.5 mg Tab: Lisinopril 20 mg, hydrochlorothiazide 25 mg Tab: Bisoprolol 2.5 mg, hydrochlorothiazide 6.25 mg	1-2 tab qd; dizziness, headache, cough, fatigue. 1 tab qd; ataxia, vertigo, paresthesias, arthralgias.
Ziac 5 Ziac 10		Tab: Bisoprolol 5 mg/hydrochlorothiazide 6.25 mg Tab: Bisoprolol 10 mg/hydrochlorothiazide 6.25 mg	
Zosyn Zyrtec-D	Antibiotic Antihistamine, decongestant	Inj: Piperacillin 3 gm, tazobactam 0.375 gm Tab: Cetirizine 5 mg, pseudoephedrine 120 mg	2.25-4.5 gm IV q6h; hypokalemia. One tablet q12h

Common Cytochrome P450 Enzyme Inhibitors

The cytochrome P450 enzymes are responsible for the metabolism of a number of pharmacological agents. The inhibition of these enzymes could result in elevation of serum levels of agents that are dependent on their activity of P450 enzymes for metabolism.

Amiodarone
Azole antifungals (fluconazole, itraconazole, ketoconazole, miconazole)
Calcium channel blockers (nifedipine, nicardipine, diltiazem, verapamil)
Cimetidine
Ciprofloxacin
Cyclophosphamide
Cyclosporine
Fluvoxamine
Grapefruit juice
Indinavir
Macrolide antibiotics (erythromycin > clarithromycin > azithromycin)
Metronidazole
Mexiletine
Nefazodone
Quinidine
Ritonavir
SSRI antidepressants (paroxetine = fluoxetine > sertraline > fluvoxamine)
Zafirlukast
Zileuton

Commonly Used Drug Levels

<u>Drug</u>	<u>Therapeutic Range*</u>
Amikacin	Peak 25-30; trough <10 mcg/mL
Amiodarone	1.0-3.0 mcg/mL
Amitriptyline	100-250 ng/mL
Carbamazepine	4-10 mcg/mL
Chloramphenicol	Peak 10-15; trough <5 mcg/mL
Desipramine	150-300 ng/mL
Digoxin	0.8-2.0 ng/mL
Disopyramide	2-5 mcg/mL
Doxepin	75-200 ng/mL
Flecainide	0.2-1.0 mcg/mL
Gentamicin	Peak 6.0-8.0; trough <2.0 mcg/mL
Imipramine	150-300 ng/mL
Lidocaine	2-5 mcg/mL
Lithium	0.5-1.4 mEq/L
Nortriptyline	50-150 ng/mL
Phenobarbital	10-30 mEq/mL
Phenytoin**	8-20 mcg/mL
Procainamide	4.0-8.0 mcg/mL
Quinidine	2.5-5.0 mcg/mL
Salicylate	15-25 mg/dL
Theophylline	8-20 mcg/mL
Valproic acid	50-100 mcg/mL
Vancomycin	Peak 30-40; trough <10 mcg/mL

* The therapeutic range of some drugs may vary depending on the reference lab used.

** Therapeutic range of phenytoin is 4-10 mcg/mL in presence of significant azotemia and/or hypoalbuminemia.

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