

1 Lisinopril ACEi Antihypertensive PO ADR: CV, CNS BB: Pregnancy	2 Levothyroxine Hypothyroidism PO ADR: CV, CNS BB: Weight Loss	3 Atorvastatin HMG-CoA Reductase Inhibitor Antihyperlipidemic PO ADR: GI, Neuromuscular	4 Metformin Biguanide Antidiabetic PO ADR: GI, Diarrhea BB: Lactic Acidosis	5 Simvastatin HMG-CoA Reductase Inhibitor Antihyperlipidemic PO ADR: CV, CNS	6 Omeprazole PPI Anti-GERD PO ADR: Carcinoma, CDAD	7 Amlodipine Besylate CCB Antihypertensive PO ADR: CV, Respiratory	8 Metoprolol Beta Blocker Antihypertensive PO ADR: CV, Dermatologic BB: CV	9 Acetaminophen; Hydrocodone Opioid Analgesic PO ADR: CV, CNS BB: Respiratory Depression	10 Albuterol Beta-2 Agonist Bronchodilator Inh. ADR: Respiratory, CNS
11 Hydrochlorothiazide Diuretic Antihypertensive PO ADR: CV, Endocrine	12 Losartan ARB Antihypertensive PO ADR: Respiratory BB: Fetal Toxicity	13 Gabapentin Anticonvulsant PO ADR: CNS, Viral infection	14 Sertraline SSRI Antidepressant PO ADR: CNS, GI BB: Suicidal Thoughts	15 Furosemide Loop Diuretic Antihypertensive PO ADR: CV, Endocrine BB: Electrolyte Loss	16 Acetaminophen Analgesic PO ADR: Endocrine, Renal BB: Hepatotoxicity	17 Atenolol Beta Blocker Antihypertensive PO ADR: CV, CNS BB: Abrupt Withdrawal	18 Pravastatin HMG-CoA Reductase Inhibitor Antihyperlipidemic PO ADR: CV, CNS	19 Amoxicillin Antibiotic PO ADR: CV, GI	20 Fluoxetine SSRI Antidepressant PO ADR: CNS, GI BB: Suicidal Thoughts
21 Citalopram SSRI Antidepressant PO ADR: CNS, GI BB: Suicidal Thoughts	22 Trazodone SSRI Antidepressant PO ADR: CNS, GI BB: Suicidal Thoughts	23 Alprazolam Benzodiazepine Antianxiety PO ADR: CNS BB: Concomitant with Opioids	24 Fluticasone Corticosteroid Nasal ADR: CNS	25 Bupropion Dopamine/Norepinephrine Reuptake Inhibitor Antidepressant PO ADR: CV, CNS BB: Suicidal Thoughts	26 Carvedilol Beta Blocker Antihypertensive PO ADR: CV, CNS	27 Potassium Chloride Electrolyte Supplement PO ADR: Dermatologic, Endocrine	28 Tramadol Opioid Analgesic PO ADR: CNS, GI BB: Respiratory Depression	29 Pantoprazole PPI Anti-GERD PO ADR: CNS	30 Montelukast Leukotriene Receptor Antagonist Anti-asthmatic PO ADR: CNS, Dermatologic
31 Escitalopram SSRI Antidepressant PO ADR: CNS, GI BB: Suicidal Thoughts	32 Prednisone Corticosteroid Anti-inflammatory PO ADR: CV, Endocrine	33 Rosuvastatin HMG-CoA Reductase Inhibitor Antihyperlipidemic PO ADR: Neuromuscular	34 Ibuprofen NSAID Analgesic PO ADR: CV, GI BB: Thrombotic events	35 Meloxicam NSAID Analgesic PO ADR: CNS, GI BB: Thrombotic Events	36 Insulin Glargine Antidiabetic Inj. ADR: Primarily Hypoglycemia	37 Hydrochlorothiazide & Lisinopril ACEi/Diuretic Antihypertensive PO ADR: CV, CNS BB: Fetal Toxicity	38 Clonazepam Benzodiazepine Anticonvulsant PO ADR: CNS BB: Concomitant with Opioids	39 Aspirin Salicylate Antiplatelet PO ADR: CV, CNS	40 Clopidogrel Antiplatelet PO ADR: Hematologic, Dermatologic BB: CYP2C9 Poor Metabolizer
41 Glipizide Sulfonylurea Antidiabetic PO ADR: CNS, Dermatologic	42 Warfarin Anticoagulant PO ADR: Hematologic, CV BB: Bleed Risk	43 Cyclobenzaprine Muscle Relaxant Analgesic PO ADR: CNS, GI	44 Insulin Human Antidiabetic Inj. ADR: CV, Endocrine	45 Tamsulosin Alpha-1-Antagonist Urinary Retention PO ADR: CV, CNS	46 Zolpidem Hypnotic PO ADR: CNS	47 Ethinyl Estradiol/ Norgestimate Contraceptive PO ADR: CV, CNS BB: Cigarette Smoking	48 Duloxetine SNRI Antidepressant PO ADR: CNS, GI BB: Suicidal Thoughts	49 Ranitidine Histamine H2 Antagonist Antilulcerant PO ADR: CV, CNS	50 Venlafaxine SNRI Antidepressant PO ADR: CNS, Dermatologic BB: Suicidal Thoughts

(a)

Figure 1. Cont.

51	Fluticasone; Salmeterol Beta-2 Agonist Corticosteroid Inh. ADR: CNS, Respiratory	52	Oxycodone Opioid Analgesic PO ADR: CNS, Dermatologic	53	Azithromycin Antibiotic PO ADR: GI, Loose stools	54	Amphetamine CNS Stimulant PO ADR: GI, Respiratory	55	Lorazepam Benzodiazepine Anticonvulsant IM ADR: CV, CNS	56	Allopurinol Xanthine Oxidase Inhibitor Antigout PO ADR: Dermatologic, Endocrine BB: Suicidal Thoughts	57	Paroxetine SNRI Antidepressant PO ADR: CNS, Endocrine BB: Suicidal Thoughts	58	Methylphenidate CNS Stimulant PO ADR: CNS, GI	59	Estradiol Estrogen Derivative PO ADR: CNS, Endocrine	60	Hydrochlorothiazide & Losartan K ARB/Diuretic Antihypertensive PO ADR: CNS; Neuromuscular BB: Pregnancy
61	Ethinyl Estradiol/ Norethindrone Contraceptive PO ADR: CNS, GI	62	Fenofibrate Antihyperlipidemic PO ADR: CV, CNS	63	Propranolol Beta Blocker Antianginal PO ADR: CV, CNS BB: CV	64	Glimepiride Sulfonylurea Antidiabetic PO ADR: Endocrine, CNS	65	Ergocalciferol Vitamin D Analog Liq. ADR: Endocrine, GI BB: Electrolyte Imbalance	66	Esomeprazole PPI Anti-GERD PO ADR: CNS, GI	67	Spirolactone Diuretic Antihypertensive PO ADR: CV, CNS BB: Tumorigenic	68	Loratadine Histamine H1 Antagonist Antihistamine PO ADR: CNS, Dermatologic BB: Hepatic Impairment	69	Naproxen NSAID Analgesic PO ADR: CV, CNS	70	Lamotrigine Anticonvulsant PO ADR: GI, CV BB: Skin Reactions
71	Hydrochlorothiazide/ Triamterene Diuretic/Thiazide Antihypertensive PO ADR: CV, CNS BB: Hyperkalemia	72	Cetirizine Histamine H1 Antagonist Antihistamine PO ADR: CNS, GI BB: CNS Depression	73	Sulfamethoxazole; Trimethoprim Antibiotic PO ADR: CNS, CV BB: Suicidal Thoughts	74	Lovastatin HMG-CoA Reductase Inhibitor Antihyperlipidemic PO ADR: Neuromuscular; CNS	75	Diltiazem CCB Antianginal PO ADR: CV, CNS	76	Clonidine Alpha-2 Agonist Antihypertensive PO ADR: CNS, Dermatologic	77	Topiramate Anticonvulsant PO ADR: CNS, Endocrine	78	Amoxicillin Penicillin Antibiotic PO ADR: GI	79	Pregabalin Anticonvulsant PO ADR: CV, CNS	80	Folic Acid Essential Vitamin PO ADR: CV, Dermatologic BB: Anemia
81	Alendronate Sodium Bisphosphonate Bone Health PO ADR: Endocrine, CNS	82	Hydrocodone Bitartrate Opioid Analgesic PO ADR: GI, CV BB: Respiratory Depression	83	Amitriptyline TCA Antidepressant PO ADR: CV, CNS BB: Suicidal Thoughts	84	Diclofenac NSAID Analgesic PO ADR: CV, CNS	85	Insulin Aspart Antidiabetic IV ADR: Endocrine, CNS	86	Tiotropium Anticholinergic Inh. ADR: GI, Respiratory	87	Quetiapine Fumarate Antipsychotic PO ADR: CV, CNS BB: Suicidal Thoughts	88	Enalapril ACEi Antihypertensive PO ADR: Renal, CV BB: Fetal Toxicity	89	Polymyxin B Sulfate Antibiotic IV ADR: CV, CNS BB: Nephrotoxicity	90	Sitagliptin Phosphate DPP-4 Inhibitor Antidiabetic PO ADR: Endocrine, GI
91	Diazepam Benzodiazepine Anticonvulsant PO ADR: CV, CNS BB: CNS depression	92	Latanoprost Antiglaucoma Ophthalmic ADR: CNS, Dermatologic	93	Ciprofloxacin Antibiotic PO ADR: CNS, Dermatologic	94	Budesonide/ Formoterol Beta-2 Agonist Corticosteroid Inh. ADR: CNS, Respiratory BB: Asthma Related Death	95	Hydroxyzine Histamine H1 Antagonist Antihistamine Liq. ADR: CNS, GI	96	Ethinyl Estradiol/ Levonorgestrel Contraceptive PO ADR: CNS, CV BB: Cigarette Smoking	97	Docusate Stool Softener Laxative PO ADR: Throat irritation	98	Valsartan ARB Antihypertensive PO ADR: Renal BB: Fetal Toxicity	99	Finasteride 5 Alpha-Reductase Inhibitor Urinary Retention PO ADR: CV, CNS BB: Pregnancy	100	Ondansetron 5HT3 Antagonist Antiemetic PO ADR: CNS, GI

(b)

Figure 1. Cont.

101 Ferrrous Sulfate Iron Supplement PO ADR: GI, Genitourinary BB: GI Diseases	102 Cephalexin Antibiotic PO ADR: CNS, Dermatologic	103 Ezetimibe Antihyperlipidemic PO ADR: CNS, GI	104 Buspirone Antianxiety PO ADR: CNS, CV	105 Donepezil Hydrochloride <i>Acetylcholinesterase</i> <i>Inhibitor</i> PO ADR: CNS, GI	106 Lisdexamfetamine CNS Stimulant PO ADR: CNS, GI BB: Abuse and Dependence	107 Insulin Detemir Antidiabetic SQ ADR: CNS, Endocrine	108 Tizanidine Alpha-2 Agonist Muscle relaxer PO ADR: CV, CNS	109 Celecoxib NSAID PO Analgesic ADR: CV, GI BB: Cardiovascular, GI	110 Amlodipine Besylate ACEi Antihypertensive PO ADR: Dry Cough BB: Fetal Toxicity
111 Doxycycline Tetracycline Antibiotic PO ADR: GI, Respiratory	112 Cyanocobalamin Vitamin, Water Soluble PO ADR: CNS, CV	113 Oxybutynin Antispasmodic PO ADR: CNS, GI	114 Isosorbide Mononitrate Vasodilator Antianginal PO ADR: CNS, CV	115 Morphine Opioid Analgesic Liq. ADR: CNS, GI BB: Respiratory depression	116 Insulin Lispro Antidiabetic SQ ADR: CV, CNS	117 Hydralazine Hydrochloride Vasodilator Antihypertensive PO ADR: CNS, GI	118 Levetiracetam Anticonvulsant PO ADR: CV, GI	119 Benazepril Hydrochloride ACEi Antihypertensive PO ADR: CV, CNS BB: Fetal Toxicity	120 Divalproex Sodium <i>Histone Deacetylase</i> <i>Inhibitor</i> Anticonvulsant PO ADR: CNS, GI BB: Fetal Risk
121 Cholecalciferol Vitamin D Analog PO ADR: CNS, CV	122 Ramipril ACEi Antihypertensive PO ADR: CV, Respiratory BB: Fetal Toxicity	123 Nifedipine CCB PO Antihypertensive ADR: CV, CNS	124 Drospirenone/ Ethinyl Estradiol Contraceptive PO ADR: CNS, GI BB: Cigarette Smoking	125 Valsartan ARB Antihypertensive PO ADR: Renal BB: Fetal Toxicity	126 Pioglitazone Hydrochloride <i>Thiazolidinedione</i> <i>Antidiabetic</i> PO ADR: CV, Endocrine BB: CHF	127 Famotidine <i>Histamine</i> <i>H2 Antagonist</i> Anti-GERD PO ADR: CNS, GI	128 Methylprednisolone <i>Glucocorticoid</i> Anti-inflammatory PO ADR: Endocrine, CNS	129 Clindamycin <i>Lincosamide</i> Antibiotic PO ADR: CV, Dermatologic BB: Colitis	130 Risperidone <i>Antipsychotic</i> PO ADR: CNS, GI BB: Increased mortality in elderly
131 Rivaroxaban <i>Factor Xa Inhibitor</i> Anticoagulant PO ADR: Hematologic, CNS BB: Thrombotic Events	132 Hydroxychloroquine Sulfate <i>Aminoquinoline</i> Antimalarial PO ADR: CNS, Dermatologic	133 Aripiprazole <i>Antipsychotic</i> PO ADR: CNS, Endocrine BB: Increased mortality in elderly	134 Mometasone Corticosteroid Inh. ADR: CNS, GI	135 Sumatriptan <i>Serotonin 5HT1B, 1D</i> <i>Receptor Agonist</i> Antimigraine PO ADR: CNS	136 Dextroamphetamine CNS Stimulant PO ADR: CV, CNS BB: High Abuse Potential	137 Lansoprazole <i>PPi</i> Anti-GERD PO ADR: CNS, GI	138 Baclofen Muscle Relaxant PO ADR: CNS, GI BB: Abrupt Withdrawal	139 Mirtazapine <i>Alpha-2 Agonist</i> Antidepressant PO ADR: CNS, GI BB: Suicidality	140 Promethazine Hydrochloride <i>H1 Antagonist</i> Antiemetic Liq. ADR: CV, Otic BB: Respiratory depression
141 Nitroglycerin <i>Vasodilator</i> Antianginal TD ADR: CNS, CV	142 Digoxin Antiarrhythmic PO CV ADR: CV	143 Albuterol Sulfate/Ipratropium Bromide <i>Beta-2 Agonist</i> Anticholinergic Inh. ADR: CNS, Neuromuscular	144 Prednisolone Corticosteroid Anti-inflammatory PO ADR: CV, CNS	145 Hydrocortisone Corticosteroid Inj. ADR: CNS, CV	146 Verapamil Hydrochloride CCB Antianginal PO ADR: CNS, GI	147 Ropinirole Hydrochloride <i>Dopamine Agonist</i> Anti-Parkinson PO ADR: CV, CNS	148 Carisoprodol Muscle Relaxant PO ADR: CNS	149 Glyburide <i>Sulfonylurea</i> Antidiabetic PO ADR: GI, Hypersensitivity	150 Nebivolol Hydrochloride Beta Blocker Antihypertensive PO ADR: CV, CNS

(c)

Figure 1. Cont.

151 Triamcinolone Corticosteroid IM ADR: CV, CNS	152 Gemfibrozil Antilipemic PO ADR: GI	153 Omega-3-acid Ethyl Ester Antilipemic PO ADR: GI	154 Budesonide Corticosteroid Inh. ADR: Otic, Respiratory	155 Brimonidine Tartrate <i>Alpha-2 Agonist</i> Antiglaucoma Ophthalmic ADR: CNS, Ophthalmic	156 Doxazosin Mesylate <i>Alpha 1 Antagonist</i> Antihypertensive PO ADR: CNS	157 Metformin Hydrochloride /Sitagliptin Phosphate <i>DPP-4 Inhibitor</i> Antidiabetic PO ADR: CNS, GI BB: Lactic Acidosis	158 Phenytoin Hydanotin Anticonvulsant PO ADR: CNS, Dermatologic BB: CV Risk	159 Sulfisafenacin Succinate Anticholinergic PO ADR: GI, CV	160 Glucanate/Carbonate Electrolyte Inj. ADR: GI, CV
161 Levofloxacin <i>Fluoroquinolone</i> Antibiotic PO ADR: CV, CNS	162 Canagliflozin <i>SGLT2 Inhibitor</i> Antidiabetic PO ADR: Endocrine, Genitourinary BB: Lower Limb Amputation	163 Irbesartan ARB Antihypertensive PO ADR: Endocrine, CV BB: Fetal Toxicity	164 Polyethylene Glycol 3350 Laxative PO ADR: Dermatologic, GI	165 Acyclovir Antiviral PO ADR: CNS, GI	166 Methocarbamol Muscle Relaxant PO ADR: CNS, CV	167 Terazosin <i>Alpha 1 Blocker</i> Antihypertensive PO ADR: CNS	168 Estrogens, Conjugated <i>Hormone</i> PO ADR: Allergy, Chest pain	169 Meclizine Hydrochloride <i>H1 Antagonist</i> Antiemetic PO ADR: CNS, GI	170 Mesalamine <i>NSAID</i> Analgesic PO ADR: CNS, GI
171 Testosterone <i>Androgen Replacement Therapy</i> PO ADR: Dermatologic, Endocrine	172 Desogestrel/Ethinyl Estradiol Contraceptive PO ADR: CV, CNS BB: Cigarette Smoking	173 Lithium Antimanic PO ADR: CV, Dermatologic BB: Lithium Toxicity	174 Temazepam <i>Benzodiazepine</i> Antianxiety PO ADR: CNS, GI BB: Concomitant with Opioids	175 Memantine Hydrochloride <i>NMDA Receptor Antagonist</i> Alzheimer's Disease PO ADR: CV, CNS	176 Oxcarbazepine Anticonvulsant PO ADR: CNS, GI	177 Metronidazole <i>Antiprotozoal</i> Antibiotic PO ADR: CNS, GI BB: Carcinogenic	178 Valacyclovir <i>Antiviral</i> PO ADR: CNS, GI	179 Magnesium Electrolyte Inj. ADR: CV, Endocrine	180 Nitrofurantoin Antibiotic PO ADR: CV, CNS
181 Benzonate Antitussive PO ADR: CV, CNS	182 Liraglutide <i>Glucagon-Like Peptide 1 Receptor Agonist</i> Antidiabetic SQ ADR: CV, CNS BB: Thyroid C-cell Tumor Risk	183 Guanfacine <i>Alpha-2 Adrenergic Antagonist</i> Antihypertensive PO ADR: CNS, GI	184 Sodium Hydrochloride Electrolyte Inj. ADR: CV, CNS	185 Apixaban <i>Factor Xa Inhibitor</i> Anticoagulant PO ADR: Hematologic, Endocrine BB: Discontinuation	186 Oltmesartan Medoxomil ARB Antihypertensive PO ADR: CNS, Endocrine BB: Fetal Toxicity	187 Pramipexole Dihydrochloride <i>Dopamine Agonist</i> Anti-Parkinson PO ADR: CV, CNS	188 Thyroid Thyroid product PO ADR: Hyperthyroidism BB: Decreased Weight	189 Adalimumab Antirheumatic SQ ADR: CNS, Dermatologic BB: Serious Infections	190 Dicyclomine Hydrochloride Anticholinergic Inj. ADR: CNS, GI
191 Anastrozole <i>Aromatase Inhibitor</i> Antineoplastic PO ADR: CV, CNS	192 Timolol Beta Blocker Antiglaucoma Ophthalmic ADR: Ophthalmic, CV	193 Chlorthalidone Diuretic Antihypertensive PO ADR: Endocrine, Dermatologic	194 Lidocaine <i>Local Anesthetic</i> Antiarrhythmic IV ADR: CV, CNS	195 Phentermine <i>Anorexiant</i> CNS stimulant PO ADR: CV, CNS	196 Amlodarene Hydrochloride Antiarrhythmic PO ADR: CV, Endocrine BB: Arrhythmias	197 Atomoxetine Hydrochloride <i>NRI</i> CNS Stimulant PO ADR: CNS, GI BB: Suicidal Thoughts	198 Ethinyl Estradiol; Etonogestrel <i>Contraceptive</i> Vaginal ADR: CNS, CV BB: Cigarette Smoking	199 Fluconazole Antifungal PO ADR: CNS, Dermatologic	200 Clobetasol Propionate <i>Corticosteroid</i> Topical ADR: CNS, Dermatologic

(d)

Figure 1. (a) List of 1–50 most prescribed drugs; (b) List of 51–100 most prescribed drugs; (c) List of 101–150 most prescribed drugs; (d) List of 151–200 most prescribed drugs.