

APPENDIX**THE ANTICHOLINERGIC DRUG SCALE: LEVEL 1, 2, AND 3 DRUGS (AS OF JUNE 2006)**

| Level 3 Drugs | | |
|------------------|-----------------|-----------------|
| amitriptyline | dicyclomine | oxybutynin |
| atropine | dimenhydrinate | procyclidine |
| benztropine | diphenhydramine | promethazine |
| brompheniramine | doxepin | propantheline |
| carbinoxamine | flavoxate | protriptyline |
| chlorpheniramine | hydroxyzine | pyrilamine |
| chlorpromazine | hyoscyamine | scopolamine |
| clemastine | imipramine | thioridazine |
| clomipramine | meclizine | tolterodine |
| clozapine | nortriptyline | trihexyphenidyl |
| darifenacin | orphenadrine | trimipramine |
| desipramine | | |

| Level 2 Drugs | | |
|-----------------|-------------------|---------------|
| carbamazepine | disopyramide | molindone |
| cimetidine | loxapine | oxcarbazepine |
| cyclobenzaprine | meperidine | pimozide |
| cyproheptadine | methotrimeprazine | ranitidine |

| Level 1 Drugs | | |
|------------------|------------------------|------------------|
| alprazolam | divalproex sodium | olanzapine |
| amantadine | estazolam | oxazepam |
| ampicillin | famotidine | oxycodone |
| azathioprine | fentanyl | pancuronium |
| bromocriptine | fluoxetine | paroxetine |
| captopril | fluphenazine | perphenazine |
| cefamandole | flurazepam | phenelzine |
| cefoxitin | fluticasone-salmeterol | piperacillin |
| cephalothin | fluvoxamine | prednisolone |
| chlordiazepoxide | furosemide | prednisone |
| chlorthalidone | gentamicin | prochlorperazine |
| clindamycin | hydralazine | sertraline |
| clonazepam | hydrocortisone | temazepam |
| clorazepate | isosorbide | theophylline |
| codeine | isosorbide dinitrate | thiothixene |
| cortisone | isosorbide mononitrate | tramadol |
| cycloserine | ketotifen ophthalmic | triamcinolone |
| cyclosporine | loperamide | triamterene |
| dexamethasone | lorazepam | triazolam |
| diazepam | methylprednisolone | trifluoperazine |
| digitoxin | midazolam | valproic acid |
| digoxin | morphine | vancomycin |
| diltiazem | nifedipine | warfarin |
| dipyridamole | nizatidine | |

ONLINE APPENDIX

Level 0 Drugs

| | | | | |
|--|------------------------------|--|-------------------------------|--|
| acarbose | brimonidine | chondroitin | doxycycline | glyburide |
| acetaminophen | ophthalmic | ciclopirox topical | duloxetine | glycerin topical |
| acetaminophen/ dichloralphenazone/ isometheptene | brinzolamide ophthalmic | cilastatin | econazole topical | guaifenesin |
| acetazolamide | budesonide | cilostazol | edrophonium | guanfacine |
| acetic acid topical | budesonide nasal | ciprofloxacin | enalapril | halcinonide topical |
| acyclovir | bumetanide | cisapride | enoxaparin | haloperidol |
| adenosine | bupropion | citalopram | entacapone | heparin |
| albuterol | buspirone | clarithromycin | epoetin alfa | hydrochlorothiazide |
| alendronate | butabarbital | clavulanate | ergocalciferol | hydrocodone |
| allopurinol | butalbital | clindamycin topical | ergoloid mesylates | hydrocortisone ophthalmic |
| aluminum carbonate | caffeine | clobazam | erythromycin | hydrocortisone otic |
| aluminum hydroxide | calamine topical | clodronate | escitalopram | hydrocortisone topical |
| amiloride | calcipotriene topical | clonidine | esomeprazole | hydrocortisone topical |
| amiodarone | calcitonin | clonidogrel | esterified estrogens | hydromorphone |
| amlodipine | calcitriol | clotrimazole | estradiol | hydroxychloroquine |
| ammonium lactate topical | calcium acetate | cloxacillin | estradiol topical | hydroxypropyl methylcellulose ophthalmic |
| amoxicillin | calcium and vitamin D | colchicine | estropipate | hydroxyurea |
| amoxicillin- clavulanate | calcium carbonate | colestipol | ethambutol | ibuprofen |
| anagrelide | calcium carbonate topical | collagenase topical | ethinyl estradiol | imipenem |
| anastrozole | camphor-menthol topical | conjugated estrogens | etidronate | indapamide |
| anileridine | candesartan | cranberry | etodolac | indomethacin |
| apraclonidine ophthalmic | carbachol ophthalmic | cromolyn | felbamate | insulin |
| ascorbic acid | carbamide peroxide otic | cyanocobalamin | fenofibrate | ipratropium |
| aspirin | carbidopa | cyclophosphamide | ferrous gluconate | irbesartan |
| atenolol | carisoprodol | danazol | ferrous sulfate | iron polysaccharide |
| atorvastatin | carvedilol | dantrolene | fexofenadine | isoniazid |
| azithromycin | casanthranol | demeclocycline | filgrastim | isradipine |
| bacitracin ophthalmic | casanthranol- docusate | desmopressin | finasteride | ketoconazole topical |
| bacitracin topical | casacra sagrada | desonide topical | flecainide | ketoprofen |
| baclofen | castor oil | desoximetasone topical | fluconazole | labetalol |
| balsam Peru topical | cefaclor | dexamethasone nasal | fluocinonide topical | lactase |
| beclomethasone | cefazolin | dexamethasone ophthalmic | fluocinonide topical | lactulose |
| beclomethasone nasal | cefixime | dexamethasone topical | fluoride topical | lamotrigine |
| benazepril | ceftibuten | dextromethorphan | fluorometholone ophthalmic | lanolin-mineral oil topical |
| benzocaine topical | ceftriaxone | diclofenac | flutamide | lansoprazole |
| benzonatate | cefuroxime | dienestrol topical | fluticasone | latanoprost |
| beta-carotene | celecoxib | diflunisal | fluvastatin | ophthalmic |
| betamethasone topical | cephalexin | dihydroxyaluminum sodium carbonate | folic acid | leuprolide |
| betamethasone- clotrimazole topical | cerivastatin | diphenoxylate | fosinopril | levobunolol ophthalmic |
| betaxolol ophthalmic | cetirizine | dipivefrin ophthalmic | gabapentin | levodopa |
| bethanechol | cetylpyridinium topical | dirithromycin | galantamine | levofloxacin |
| bicalutamide | chloral hydrate | dobutamine | gemfibrozil | levothyroxine |
| bisacodyl | chlorambucil | docusate | gentamicin ophthalmic | lidocaine |
| bismuth subsalicylate | chlorhexidine topical | donepezil | gentamicin topical | lindane topical |
| bisoprolol | chlorothiazide | dopamine | ginkgo | liothyronine |
| | chlorpropamide | dorzolamide | glimepiride | lisinopril |
| | chlorzoxazone | doxazosin | glipizide | lithium |
| | cholestyramine | | glucagon | loratadine |
| | | | glucosamine | losartan |

ANTICHOLINERGIC DRUG SCALE AND SERUM ANTICHOLINERGIC ACTIVITY

| | | | | |
|-------------------------------|---------------------------|---|---------------------------------------|---|
| loteprednol ophthalmic | multivitamin | pilocarpine ophthalmic | ramipril | terbinafine topical |
| lovastatin | mupirocin topical | pindolol | repaglinide | terbutaline |
| LVP solution | nabumetone | pioglitazone | reserpine | terconazole topical |
| lysine | nadolol | pirbuterol | rifampin | tetracycline |
| magnesium preparations | naloxone | piroxicam | rimantadine | thiamine |
| mannitol | naproxen | pivampicillin | rimexolone ophthalmic | thyroid desiccated |
| medroxyprogesterone | nateglinide | polycarbophil | risedronate | ticlopidine |
| megestrol | nefazodone | polyethylene glycol electrolyte solution | risperidone | timolol |
| meprobamate | neomycin ophthalmic | polymyxin B | rofecoxib | tobramycin ophthalmic |
| mesalamine | niacin | potassium B | ropinirole | tolbutamide |
| metaxalone | nisoldipine | potassium ophthalmic | rosiglitazone | tolcapone |
| metformin | nitrofurantoin | potassium bicarbonate | salicylic acid topical | topiramate |
| methazolamide | nitroglycerin | potassium chloride | salmeterol | torsemide |
| methenamine | norepinephrine | potassium citrate | salsalate | trandolapril |
| methotrexate | norfloxacin | pramipexole | selegiline | trazodone |
| methylclothiazide | nystatin | pramoxine topical | selenium sulfide topical | triamcinolone nasal |
| methylcellulose | octreotide | pravastatin | senna | triamcinolone topical |
| methylidopa | ofloxacin | prazosin | silver sulfadiazine topical | trichlormethiazide |
| methylene blue | olopatadine ophthalmic | prednisolone ophthalmic | simethicone | triethanolamine polypeptide oleate otic |
| methylphenidate | omeprazole | primidone | simvastatin | trimethoprim |
| methylprednisolone topical | oxymetazoline nasal | probenecid | sodium bicarbonate | troglitazone |
| methyltestosterone | pamidronate | procainamide | sodium chloride | trypsin |
| metoclopramide | pancrelipase | progesterone | sodium phosphate | tuberculin purified protein derivative |
| metolazone | pantoprazole | propafenone | sodium sulfacetamide ophthalmic | ursodiol |
| metoprolol | papaverine | propoxyphene | sotalol | valsartan |
| metronidazole | penicillin | propranolol | spironolactone | vecuronium |
| mexiletine | pentoxifylline | propylthiouracil | succinylcholine | venlafaxine |
| miconazole topical | pergolide | pseudoephedrine | sucralfate | verapamil |
| midodrine | perindopril | psyllium | sulfamethizole | vitamin E |
| mineral oil | permethrin topical | pyrazinamide | sulfamethoxazole | zafirlukast |
| minocycline | petrolatum topical | pyridostigmine | sulindac | zaleplon |
| mirtazapine | phenazopyridine | quetiapine | tacrine | zinc gluconate |
| misoprostol | phenobarbital | quinapril | tamoxifen | zinc sulfate |
| moexipril | phenyl salicylate | quinidine | tamsulosin | zolpidem |
| mometasone nasal | phenylephrine | quinine | terazosin | zopiclone |
| montelukast | phenylpropanolamine | rabeprazole | | |
| moxifloxacin | phenytoin | raxofifene | | |
| | phytonadione | | | |