

Anticholinergic (ACH) Risk Scale for Commonly Prescribed Medications

From Carnahan RM, et al. The Anticholinergic Drug Scale as a Measure of Drug-related Anticholinergic Burden: Associations with Serum Anticholinergic Activity. *Journal Clin Pharmacol* 2006;46:1481-86.

Level 3: Markedly anticholinergic (ACH)	Level 2: ACH adverse events, dose related	Level 1: Potential ACH activity, evidence by receptor binding activity	
Antipsychotics Clozapine (Clozaril [®]) Thioridazine (Mellaril [®])	Antipsychotics Loxapine (Loxitane [®]) Molindone (Moban [®]) Plmozide (Orap [®])	Antipsychotics Fluphenazine (Prolixin [®]) Olanzapine (Zyprexa [®]) Perphenazine Prochlorperazine (Compazine [®]) Trifluoperazine (Stelazine [®])	Anxiety Alprazolam (Xanax [®]) Chlordiazepoxide (Librium [®]) Clonazepam (Klonopin [®]) Clorazepate (Tranxene [®]) Diazepam (Valium [®]) Flurazepam (Dalmane [®]) Lorazepam (Ativan [®]) Oxazepam (Serax [®]) Temazepam (Restoril [®]) Triazeolam (Halcion [®])
Antidepressant Amitriptyline (Elavil [®]) Desipramine (Norpramine [®]) Doxepin (Sinequan [®]) Imipramine (Tofranil [®]) Nortriptyline (Pamelor [®]) Protriptyline (Vivactil [®]) Trimipramine (Surmontil [®])		Antidepressant Fluoxetine (Prozac [®]) Paroxetine (Paxil [®]) Sertraline (Zoloft [®]) Fluvoxamine (Luvox [®]) Phenelzine (Nardil [®])	
Antihistamine Bropheniramine Carbinoxamine Chlorpheniramine Clemastine (Tavist [®]) Diphenhydramine (Benadryl [®]) Hydroxazine (Atarax [®] , Vistaril [®]) Promethazine (Phenergan [®])	Antihistamine Cyproheptadine (Periactin [®])		Antibiotics/Antivirals Amantadine (Symmetrel [®]) Ampicillin Clindamycin Gentamicin Vancomycin
	Cardiovascular Disopyramide (Norpace [®])	Cardiovascular Captopril (Captoten [®]) Chlorthalidone (Hygroton [®]) Digoxin (Lanoxin [®]) Diltiazem (Cardizem [®]) Dipyridamole (Persantine [®]) Furosemide (Lasix [®]) Hydralazine (Apresoline) Isosorbide (Isordil [®] , Imdur [®]) Nifedipine (Procardia [®]) Triamterene (Dyazide [®]) Warfarin	Analgesics Codeine Fentanyl Morphine Oxycodone Tramadol (Ultram [®])
Muscle Relaxants Orphenidrine (Norflex [®])	Muscle Relaxants Cyclobenzaprine (Flexeril [®])		Corticosteroids Dexamethasone Methylprednisolone (Medrol [®]) Prednisone Triamcinolone
Vertigo Dimenhydrinate (Dramamine [®]) Meclizine (Antivert [®]) Scopolamine (TransDerm Scop [®])			
GI Antispasmodics Dicyclomine (Bentyl [®]) Hyoscyamine (Levsin [®]) Propantheline	H2 Antagonist Cimetidine (Tagamet [®]) Ranitidine (Zantac [®])	H2 Antagonist Famotidine (Pepcid [®]) Nizatidine (Axid [®])	
Parkinson Disease Procyclidine (Kemidrin [®]) Benztropine (Cogentin [®]) Trihexphenidyl (Artane [®])	Anticonvulsants Carbamazepine (Tegretol [®]) Oxcarbazepine (Trileptal [®])	Anticonvulsants Divalproex (Depakote [®]) Valproic acid (Depakene [®])	
Urinary Antispasmodics Oxybutynin (Ditropan [®]) Tolterodine (Detrol [®]) Flavoxate (Urispas [®])			