

## Table of Medications that Increase Fall Risk

Drug Class/Generic/Brand	Risk Factors
<p><b>Antidiabetic agents</b></p> <p><u>Insulin</u></p> <ul style="list-style-type: none"> <li>insulin lispro (Humalog®)</li> <li>insulin protamine lispro/lispro (Humalog 75/25®, Humalog 50/50®)</li> <li>insulin protamine aspart/aspart (Novolog 70/30®)</li> <li>insulin aspart (Novolog®)</li> <li>insulin glulisine (Apidra®)</li> <li>insulin regular (Humulin R®, Novolin R®)</li> <li>insulin NPH (Humulin N®, Novolin N®)</li> <li>insulin NPH/regular (Humulin 70/30®, Novolin 70/30®)</li> <li>insulin glargine (Lantus®)</li> <li>insulin detemir (Levemir®)</li> <li>insulin</li> </ul> <p><u>Sulfonylureas</u></p> <ul style="list-style-type: none"> <li>glipizide (Glucotrol®)</li> <li>glyburide (DiaBeta®, Micronase®)</li> <li>glyburide, micronized (Glynase®)</li> <li>glimepiride (Amaryl®)</li> </ul> <p><u>Meqlitinides</u></p> <ul style="list-style-type: none"> <li>nateglinide (Starlix®)</li> <li>repaglinide (Prandin®)</li> </ul>	<p>Hypoglycemia</p>
<p><b>Cardiovascular agents</b></p> <p><u>Beta-blockers</u></p> <ul style="list-style-type: none"> <li>atenolol (Tenormin®)</li> <li>atenolol/chlorthalidone (Tenoretic®)</li> <li>bisoprolol (Zebeta®)</li> <li>bisoprolol/HCTZ (Ziac®)</li> <li>metoprolol (Lopressor®, Toprol XL®)</li> <li>metoprolol/HCTZ (Lopressor HCT®)</li> <li>nadolol (Corgard®)</li> <li>nadolol/bendroflumethazide (Corzide®)</li> <li>propranolol (Inderal®)</li> <li>acebutolol (Sectral®)</li> <li>pindolol (Visken®)</li> <li>carvedilol (Coreg®)</li> <li>labetalol (Normodyne®, Trandate®)</li> <li>nebivolol (Bystolic®)</li> </ul> <p><u>Alpha-blockers</u></p> <ul style="list-style-type: none"> <li>doxazosin (Cardura®)</li> <li>terazosin (Hytrin®)</li> <li>prazosin (Minipress®)</li> </ul>	<p>Orthostatic hypotension, dizziness, syncope, bradycardia, impaired cerebral perfusion</p>

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<b>Cardiovascular agents (con't)</b>	
<u>Calcium channel blockers</u>	Orthostatic hypotension, dizziness, syncope, bradycardia, impaired cerebral perfusion
amlodipine (Norvasc®)	
felodipine (Plendil®)	
isradipine (DynaCirc®)	
nicardipine (Cardene)	
nifedipine (Procardia®, Adalat®, Nifedical®)	
nidoldipine (Sular®)	
diltiazem (Cardizem®, Cartia®, Dilacor®, Diltia®, Tiazac®, Taztia®)	
verapamil (Calan®, Isoptin®, Verelan®, Covera®)	
<u>Antiarrhythmics</u>	
Quinidine (generic only)	
procainamide (Pronestyl®, Procan®)	
disopyramide (Norpace®)	
mexiletine (Mexitil®)	
flecainide (Tambocor®)	
propafenone (Rhythmol®)	
amiodarone (Cordarone®)	
dofetilide (Tikosyn®)	
dronedarone (Multaq®)	
sotalol (Betapace®)	
ibutilide (Corvert®)	
<u>Diuretics</u>	
chlorthalidone (Hygroton®)	
hydrochlorothiazide (HydroDiuril®, Microzide®)	
indapamide (Lozol®)	
metolazone (Zaroxolyn®)	
bumetanide (Bumex®)	
furosemide (Lasix®)	
torseamide (Demadex®)	
spironolactone (Aldactone®)	
spironolactone/HCTZ (Aldactazide®)	
amiloride (Midamor®)	

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<p><b>Cardiovascular agents (con't)</b></p> <p><u>Diuretic Combinations</u></p> <ul style="list-style-type: none"> <li>triamterene/HCTZ (Dyazide® , Maxzide®)</li> <li>benazepril/HCTZ (Lotensin HCT®)</li> <li>captopril/HCTZ (Capozide®)</li> <li>enalapril/HCTZ (Vaseretic®)</li> <li>lisinopril/HCTZ (Prinzide® , Zestoretic®)</li> <li>moexipril/HCTZ (Uniretic®)</li> <li>quinapril/HCTZ (Accuretic®)</li> <li>candesartan/HCTZ (Atacand HCT®)</li> <li>eprosartan/HCTZ (Teveten HCT)</li> <li>irbesartan/HCTZ (Avalide®)</li> <li>losartan/HCTZ (Hyzaar®)</li> <li>omesartan/HCTZ (Benicar HCT®)</li> <li>telmisartan/HCTZ (Micardis HCT®)</li> <li>valsartan/HCT (Diovan HCT®)</li> <li>amiloride/HCTZ (Moduretic®)</li> </ul> <p><u>Central alpha2-agonists</u></p> <ul style="list-style-type: none"> <li>clonidine (Catapres®)</li> <li>methyldopa (Aldomet®)</li> </ul> <p><u>Peripheral adrenergic antagonists</u></p> <ul style="list-style-type: none"> <li>reserpine (generic only)</li> </ul> <p><u>Direct arterial vasodilators</u></p> <ul style="list-style-type: none"> <li>minoxidil (Loniten®)</li> <li>hydralazine (Apresoline®)</li> </ul> <p><u>Inotropic agents</u></p> <ul style="list-style-type: none"> <li>digoxin (Lanoxin®)</li> </ul>	<p>Orthostatic hypotension, dizziness, syncope, bradycardia, impaired cerebral perfusion</p>
<p><b>Psychotropic agents</b></p> <p><u>Benzodiazepines</u></p> <ul style="list-style-type: none"> <li>alprazolam (Xanax®)</li> <li>chlordiazepoxide (Librium®)</li> <li>clonazepam (Klonopin®)</li> <li>clorazepate (Tranxene®)</li> <li>diazepam (Valium®)</li> <li>lorazepam (Ativan®)</li> <li>oxazepam (Serax®)</li> </ul> <p><u>Hypnotics</u></p> <ul style="list-style-type: none"> <li>estazolam (ProSom®)</li> <li>eszopiclone (Lunesta®)</li> <li>flurazepam (Dalmane®)</li> <li>quazepam (Doral®)</li> <li>temezepam (Restoril®)</li> <li>triazolam (Halcion®)</li> <li>zaleplon (Sonata®)</li> <li>zolpidem (Ambien®)</li> </ul>	<p>Psychomotor impairment, sedation, orthostatic hypotension, confusion, dizziness, confusion</p>

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Drug Class/Generic/Brand	Risk Factors
<b>Psychotropic Agents (con't)</b>	
<u>Antipsychotics</u>	
chlorpromazine (Thorazine®)	Psychomotor impairment, sedation, orthostatic hypotension, confusion, dizziness, confusion
fluphenazine (Prolixin®)	
haloperidol (Haldol®)	
loxapine (Loxitane®)	
molindone (Moban®)	
perphenazine (Trilafon®)	
thioridazine (Mellaril®)	
thiothixene (Navane®)	
trifluoperazine (Stelazine®)	
aripiprazole (Abilify®)	
asenapine (Saphris®)	
clozapine (Clozaril®)	
iloperidone (Fanapt®)	
olanzapine (Zyprexa®)	
paliperidone (Invega®)	
quetiapine (Seroquel®)	
risperidone (Risperda®)	
ziprasidone (Geodon®)	
<u>Sedating Antidepressants</u>	
nefazodone (Serzone®)	
trazodone (Desyrel®)	
mirtazapine (Remeron®)	
amitriptyline (Elavil®)	
clomipramine (Anafranil®)	
doxepin (Sinequan®)	
imipramine (Norpramin®)	
nortriptyline (Pamelor®)	
phenelzine (Nardil®)	
selegiline patch (Emsam®)	
tranylcypromine (Parnate®)	

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<b>Analgesics</b>	
<u>Opioids</u>	Sedation, confusion
morphine (Roxano®I, MS Contin®, Avinza®, Kadian®)	
hydromorphone (Dilaudid®)	
oxymorphone (Opana®)	
levorphanol (generic only)	
codeine (generic only)	
codeine/APAP (Tylenol #3®)	
hydrocodone/APAP (Lortab®, Lorcet®, Vicodin®)	
oxycodone (Roxicodone®, Oxy IR®, Oxycodone®)	
oxycodone/APAP (Percocet®)	
meperidine (Demerol®)	
fentanyl (Duragesic®)	
methadone (Dolophine®)	
pentazocine (Talwin®)	
butorphanol (Stadol®)	
nalbuphine (Nubain®)	
buprenorphine (Buprenex®)	
<u>Central analgesics</u>	
tramadol (Ultram®)	
tramadol/APAP (Ultracet®)	
tapentadol (Nucynta®)	
<u>NSAIDs</u>	
celecoxib (Celebrex®)	
diclofenac (Voltaren®, Cataflam®, Flector®)	
diflunisal (Dolobid®)	
etodolac (Lodine®)	
fenoprofen (Nalfon®)	
ibuprofen (Motrin®, Advil®)	
ketoprofen (Orudis®, Oruvail®)	
meclofenamate (Meclomen®)	
mefenamic acid (Ponstel®)	
meloxicam (Mobic®)	
nabumetone (Relafen®)	
naproxen (Naprosyn®, Anaprox®, Aleve®)	
oxaprozin (Daypro®)	
piroxicam (Feldene®)	
sulindac (Clinoril®)	
tolmetin (Tolectin®)	
metoclopramide (Reglan®)	Psychomotor impairment, sedation

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<b>Anticonvulsants</b> carbamazepine (Tegretol®) ethosuximide (Zarontin®) felbamate (Felbatol®) gabapentin (Neurontin®) lacosamide (Vimpat®) lamotrigine (Lamictal®) levetiracetam (Keppra®) oxcarbazepine (Trileptal®) phenobarbital (generic only) phenytoin (Dilantin®) pregabalin (Lyrica®) primidone (Mysoline®) tiagabine (Gabitril®) topiramate (Topamax®) valproic acid (Depakote®, Depakene®) vigabatrin (Sabril®) zonisamide (Zonegran®)	Sedation, psychomotor impairment, confusion
<b>Anticholinergics</b> benztropine (Cogentin®) trihexyphenidyl (Artane®)	Sedation, confusion
<u>Sedating Antihistamines</u> <i>(many combination products available; check labels)</i> brompheniramine (various cough/cold/allergy products) carbinoxamine (various cough/cold/allergy products) chlorpheniramine (Chlor-Trimeton®, various) clemastine (Tavist®, various) cyproheptadine (Periactin®) dexbrompheniramine (various cough/cold/allergy products) dexchlorpheniramine (various cough/cold/allergy products) diphenhydramine (Benadryl®, various) doxylamine (Unisom®, various) hydroxyzine (Atarax®, Vistaril®) promethazine (Phenergan®, various) triprolidine (various cough/cold/allergy products)	

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<b>Anticholinergics (con't)</b>	
<u>Antimuscarinics</u>	Sedation, confusion
oxybutynin (Ditropan®)	
tolterodine (Detrol®)	
tropium (Sanctura®)	
solifenacin (Vesicare®)	
darifenacin (Enablex®)	
fesoterodine (Toviaz®)	
<u>Antispasmodics</u>	
atropine (various combinations)	
belladonna alkaloids (various combinations)	
dicyclomine (Bentyl®)	
hyoscyamine (Levsin®, Lesinex®)	
propantheline (generic only)	
scopolamine (Tranderm Scop®)	
clidinium/chlordiazepozide (Librax®)	
atropine/hyoscyamine/phenobarbital/scopolamine (Donnatal®)	
hyoscyamine/methenamine/phenyl salicylate (Urised®, Prosed®)	
<u>Skeletal muscle relaxants</u>	
carisoprodol (Soma®)	
chlorzoxazone (Parafon Forte DSC®)	
cyclobenzaprine (Flexeril®)	
metaxalone (Skelaxin®)	
methocarbamol (Robaxin®)	
orphenadrine (Norflex®)	

**Compiled by:**

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