Resource: Medications To Review For Fall Prevention

By Leslie Kernisan, MD MPH BetterHealthWhileAging.net

Below is a list of commonly-used medications that may be associated with increased fall risk in older adults.

If you're taking any of these medications, be sure to discuss deprescribing with your health providers.

| Medications Affecting the Brain ("Psychoactives") | Names of commonly used drugs | Usually Prescribed For |
|-------------------------------------------------------------|--------------------------------------------------------------------------------|----------------------------------------------|
| Benzodiazepines | lorazepam, alprazolam, temazepam, oxazepam | Insomnia, Anxiety, Agitation |
| Hypnotics | zolpidem, zaleplon, eszopiclone | Insomnia |
| Antipsychotics | risperidone, olanzapine, quetiapine, aripiprazole, haloperidol | Psychosis, Agitation |
| Anticonvulsants | valproic acid, carbamazepine, gabapentin | Seizures, Agitation, Nerve pain |
| Tricyclic Antidepressants (Anticholinergics) | nortriptyline, amitriptyline, desipramine | Nerve pain, Depression |
| Sedating Antihistamines (Anticholinergics) | diphenhydramine, chlorpheniramine, doxylamine, hydroxyzine | Allergy Symptoms, Itching, Insomnia |
| Sedating Over-the-Counter Medications (Anticholinergics) | "Advil PM", "Tylenol PM", "Nyquil", "Unisom" | Pain, Cough and cold |
| Bladder Relaxants (Anticholinergics) | oxybutynin, tolterodine | Overactive bladder |
| Antiemetics (Anticholinergics) | meclizine, promethazine | Vertigo, Nausea/Vomiting, Motion Sickness |
| Muscle Relaxants (Anticholinergics) | cyclobenzaprine, carisoprodol | Muscle Spasms, Back Pain |
| Opioid analgesics | hydrocodone, codeine, oxycodone, morphine, tramadol, methadone, fentanyl | Pain |
| SSRI Antidepressants | paroxetine, fluoxetine, sertraline, citalopram | Depression, Anxiety |
| Other Sedating Antidepressants | mirtazapine, trazodone | Depression, Insomnia |
| Other Antidepressants | venlafaxine, duloxetine | Depression, Anxiety |

| Medications Affecting Blood Pressure | Names of commonly used drugs | Usually Prescribed For |
|-----------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| Antihypertensives | Too many to name here. See <u>Types of</u> <u>Blood Pressure Medications</u> online. | High blood pressure, Heart disease |
| Diuretics | furosemide, sprironolactone, hydrochlorothiazide | Fluid retention, High blood pressure, Heart failure, Kidney disease |
| Alpha-1 Blockers | tamsulosin, doxazosin, prazosin, terazosin | Difficulty urinating (men) |

| Medications Lowering Blood Glucose* | Names of commonly used drugs | Usually Prescribed For |
|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------|
| Metformin (Note: Metformin causes minimal risk of hypoglycemia unless it is taken with other diabetes drugs) | Brand name Glucophage | Diabetes |
| Other oral medications for diabetes | glipizide, glyburide, sitagliptin, pioglitazone, canagliflozin | Diabetes |
| Insulin | Brand names include Lantus, Novolog, Novolin, Humalog, Humulin | Diabetes |
| Other injectable medication for diabetes | exenatide, liraglutide | Diabetes |

For More Information on Fall Prevention and Deprescribing Risky Medications

Preventing Falls: 10 Types of Medication to Review with Your Doctor if You're Concerned About Falling (Better Health While Aging) http://betterhealthwhileaging.net/preventing-falls-10-types-of-medications-to-review/

6 Steps to Better High Blood Pressure Treatment for Older Adults (Better Health While Aging). This article explains the process I use to assess an older person's blood pressure management plan, and to help decide whether we should make changes to medication.

http://betterhealthwhileaging.net/how-to-treat-high-blood-pressure-in-seniors/

5 Types of Medication Used to Treat Difficult Dementia Behaviors (Better Health While Aging). This article explains what every family should know about antipsychotics, mood stabilizers, benzodiazepine sedatives, and other drugs often used to manage difficult behaviors in Alzheimer's disease. Includes advice on how to better manage behavior and when to consider medication.

http://betterhealthwhileaging.net/medications-to-treat-difficult-alzheimers-behaviors/

EMPOWER Brochures & Other Essential Information (Canadian Deprescribing Network). Find links here to practical brochures to help older adults and families work with clinicians on deprescribing. Brochures address benzodiazepines sedatives, antipsychotics, and more. https://www.deprescribingnetwork.ca/useful-resources

CDC Steadi Materials for Healthcare Providers and for Patients (Centers for Disease Control). Learn more about fall prevention and recommended best practices that clinicians can follow. https://www.cdc.gov/steadi/index.html

About Leslie Kernisan, MD MPH and Better Health While Aging

Leslie Kernisan, MD MPH, is a practicing geriatrician who believes it should be easier for older adults to have the best possible health and quality of life as they age.

Through her website BetterHealthWhileAging.net, she provides practical information on how to address many common health problems that affect older adults. She also addresses common concerns and dilemmas related to helping older parents and other aging relatives.

Visit BetterHealthWhileAging.net to find more useful articles on aging health, family caregiving, and helping older parents. You can also join us by listening to our free Better Health While Aging podcast.