

Age Friendly Care and Potentially Inappropropiate Medications in Older Adults

Natalie Manley, MD, MPH, CMD August 2025

• No disclosures, conflicts of interest

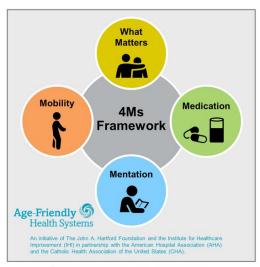


Objectives

- Name the 4 Ms of an Age Friendly Health System
- Describe why it is important to understand medication risks in older adults
- List at least 3 commonly used medications that are potentially inappropriate in older adults
- Explain the Prescribing Cascade
- Name resources to determine medication risks for older adults
- Describe methods for managing symptoms in older adults without adding a medication.

Objective 1

• Name the 4 Ms of an Age Friendly Health Care System



For related work, this graphic may be used in its entirety without requesting permiss Graphic files and guidance at ihi.org/AgeFriendly

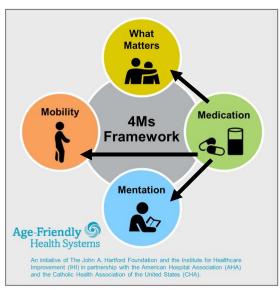


https://www.americangeriatrics.org/

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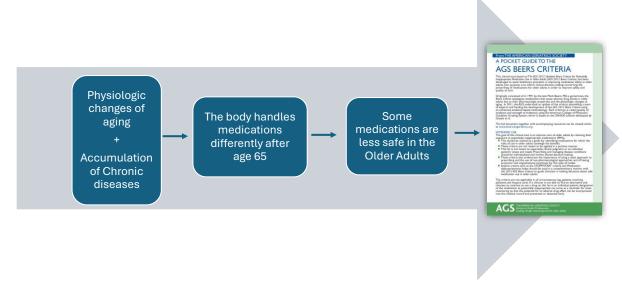
Objective 2

 Describe why it is important to understand medication risks in older adults



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HOW AGING CHANGES MEDICATION MANAGEMENT



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Less is more; fewer is better



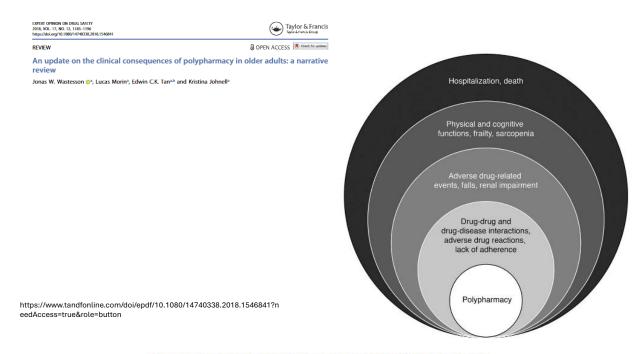


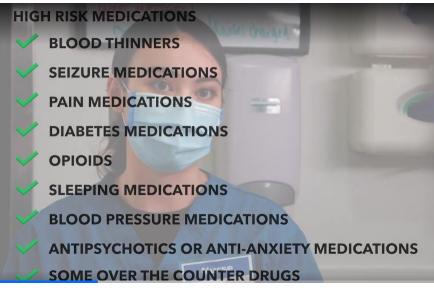
Figure 2. Framework for polypharmacy and conceptual classification of outcomes.



Objective 3

• List at least 3 commonly used medications that are potentially inappropriate in older adults





http://links.lww.com/AJN/A213

Medication Type	Examples
Antipsychotic medications	Quetiapine
Benzodiazepines	Lorazepam, alprazolam
Sleeping Medications	Diphenhydramine, hydroxyzine, trazodone, z-drugs
Some urinary incontinence medications	Oxybutynin, Tolterodine
Some pain medications	Narcotics, long term use of NSAIDS
Overuse of Blood Pressure Medications, Diuretics	Furosemide, excess beta blockers
Overuse of Diabetes Medications	Insulins, sulfonylureas—such as glipizide
Excess Anti-platelets, Blood thinners	Warfarin, Anti-coagulant + Aspirin
Overuse of Blood Pressure Medications, Diuretics Overuse of Diabetes Medications	Furosemide, excess beta blockers Insulins, sulfonylureas—such as glipizide

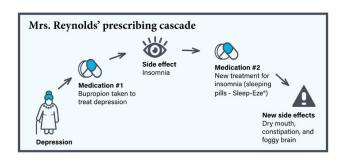


Objective 4

• Explain the Prescribing cascade

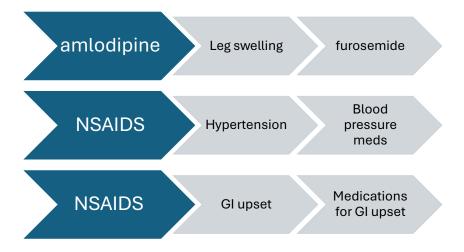
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https://www.deprescribingnetwork.ca/blog/prescribing-cascade

Prescribing cascade examples



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Objective 5

 Name resources to determine medication risks for older adults



STOPP START Toolkit Supporting **Medication Review**

STOPP:

Screening Tool of Older People's potentially inappropriate Prescriptions

START:

Screening Tool to Alert doctors to **Right Treatments**



https://www.valeofyorkccg.nhs.uk/seecmsfile/?id=3035&inline=1

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American Geriatrics Society



Ten Things Physicians and Patients Should Question



Don't recommend percutaneous feeding tubes in patients with advanced dementia; instead offer oral assisted feeding.

Careful hand-feeding for patients with severe dementia is at least as good as tube-feeding for the outcomes of death, aspiration pneumonia, functional status and patient comfort. Food is the preferred nutrient. Tube-feeding is associated with agitation, increased use of physical and chemical restraints and worsening pressure ulcers.

Don't use antipsychotics as first choice to treat behavioral and

psychological symptoms of dementia.

The project with demental one enabliz agressions, resistance to care and other challenging or disruptive behaviors. In such instances, entpsychotic medicines are often prescribed, but they provide limited benefit and car cause strikus ham, including strate and premiture destrib. Use of these drugs should be infinited to cares where no polyterancipolic neutrems have field and patients spore an imminent threat to themselves or others. Identifying and addressing causes of behavior change can make drug treatment unnecessary.

Avoid using medications to achieve hemoglobin A1c <7.5% in most adults age 65 and older; moderate control is generally better.

ce that using medications to achieve tight glycemic control in older adults with type 2 diab ang-term reductions in myocardial infarction and mortality with metformin, using medication is associated with having including higher mortality rays. Total control has been excellent

Don't use benzodiazepines or other sedative-hypnotics in older adults as first choice for insomnia, agitation or delirium.

Don't use antimicrobials to treat bacteriuria in older adults unless specific urinary tract symptoms are present.







American Geriatrics Society



Ten Things Physicians and Patients Should Question

Don't prescribe cholinesterase inhibitors for dementia without periodic assessment for perceived cognitive benefits and adverse

periodic assessment for perceived cognitive periodic and develope gastrointestinal effects.

In randomised critical size, some patients with mild-to moderate and moderate-to-severe Attricener's disease (AC), active moderat benefits in designing cognitive and fractional decide and decreasing recompositions, registers. The impact of convenience inhibitions in institutionalization, upility of the and benefits of fractional decide and decreasing recompositions. The impact of convenience inhibitions and institutionalization, upility of the and benefits of the individual convenience inhibition. And convenience inhibition. And convenience inhibition and decreasing decide and complete exclusion and demental, detail and conference decide and expenditure of the and service described in the hesitation plan in addition to any consideration of a data for discinites resimbliation. Togo and therefine are notable their legs, of week, place croaded reconstruing the medication Benefits beyond a year have not been investigated and the risks and benefits of long-term therapy have not been well-established.

Don't recommend screening for breast or colorectal cancer, nor prostate cancer (with the PSA test) without considering life expectancy and the risks of testing, overdiagnosis and overtreatment.

Avoid using prescription appetite stimulants or high-calorie supplements for treatment of anorexia or cachexia in older adults; instead, optimize social supports, provide feeding assistance and clarify patient goals and expectations.

Don't prescribe a medication without conducting a drug regimen review.

Avoid physical restraints to manage behavioral symptoms of hospitalized older adults with delirium.

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May 18, 2023 & Alex Smith All Posts, Geriatrics, Medications

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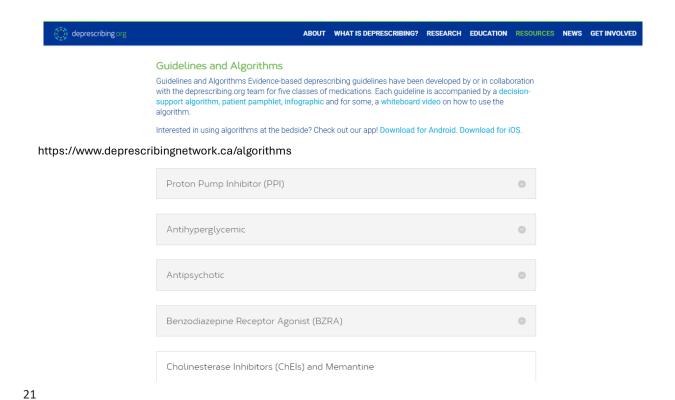
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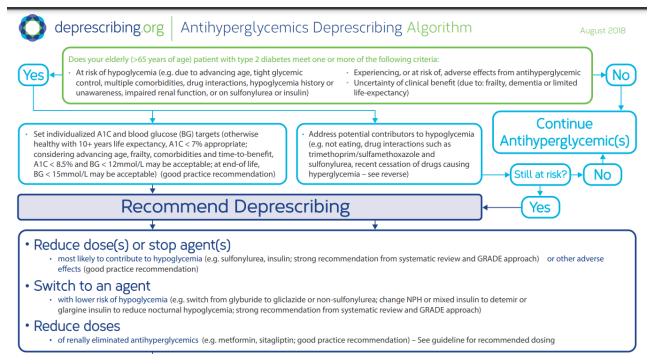
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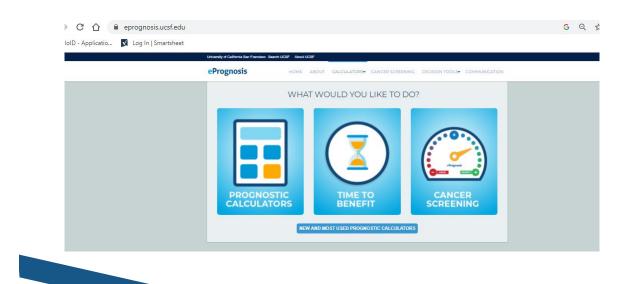
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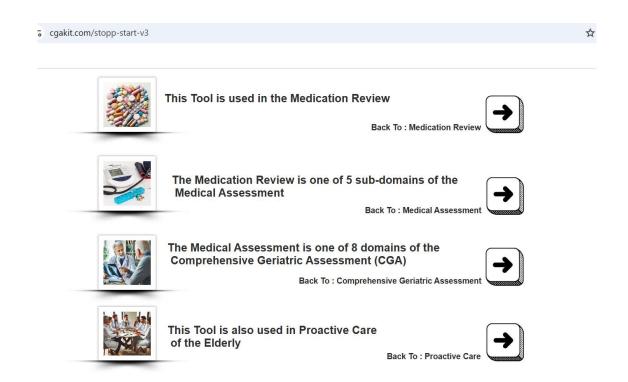




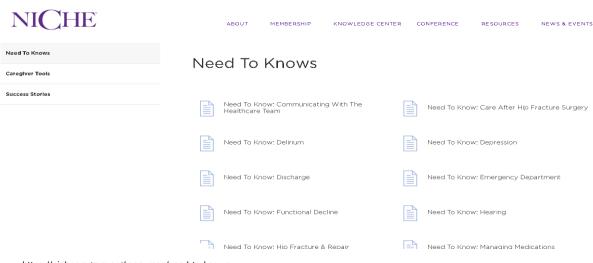


Immanuel





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Medications & Older Adults

Age-Friendly Healthcare & You

Cultural Navigator

Vaccinations For Older Adults

illnesses. This section provides important information on medication safety for us all as we age.







What Older Adults Can Do ≽

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Objective 6

• Describe methods for managing symptoms in older adults without adding a medication.

Case 1

Mrs. W. is an 82-year-old woman who has had six emergency department visits in the past 8 months due to falls. Her past medical history includes dementia, diabetes, hypertension, congestive heart failure (CHF), and osteoporosis.

Mrs. W. sees three different providers and is taking several medications, including acetaminophen, duloxetine, docusate sodium, glyburide, amlodipine, losartan and hydrochlorothiazide. Her physical function has been declining for some time, and there are questions about her safety because she lives alone and has been falling. Mrs. W. can perform all her activities of daily living (ADLs), but a daughter who lives nearby assists her with most of the instrumental ADLs. Her daughter handles all finances because she feels her mother cannot.

Mrs. W. was recently hospitalized for an exacerbation of her CHF. While in the hospital her functioning declined; she became hypoalert with new-onset incontinence and was resisting care. She was given lorazepam 1 mg in the emergency department, and once transferred to an inpatient unit was continued on lorazepam 0.5 mg as-needed every 6 hours. Mrs. W. is adamant that she wants to go home and that she can do so independently

2012 Beers Criteria Update: How Should Practicing Nurses Use the Criteria?
Donna M. Fick, PhD, RN, FGSA, FAAN; Barbara Resnick, PhD, CRNP, FAAN, FAANP
Journal of Gerontological Nursing2012;38(6):3-5 https://doi.org/10.3928/00989134-20120517-01

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What's the first thing you should do before passing a medication or reaching for a prn...

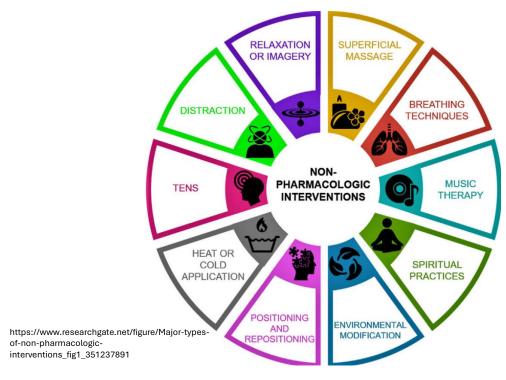
Stop and think about underlying causes and nonpharmacologic management



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Things to consider

- Is the symptom
 - · A side effect of a current med
 - A side effect of an OTC medication or supplement
 - · Alcohol or drugs
 - An undiagnosed problem (e.g. sleep apnea)
 - An unmet need
 - Tired, hungry, thirsty, annoyed, overstimulation, under-stimulation, abuse, constipation



NON-DRUG SLEEP PROTOCOL



National Sleep Foundation Sleep Tips 10 Tips for a Better Night's Sleep

- Go to sleep and wake up at the same time every day, including weekends. It's important for your body to have a regular sleeping schedule.
- · Set a relaxing bedtime routine, such as listening to calming music, reading a book or taking a warm bath.
- Make sure your bedroom is cool. Your body temperature naturally decreases to initiate sleep. A bedroom temperature between 60 and 67 degrees Fahrenheit helps promote sleep.
- Make sure your bedroom is quiet. Turn off noisy distractions such as a TV. Silence unwanted noise with earplugs or use "white noise," such as from a fan, sound machine or an app.
- Make sure your bedroom is dark. Use blackout shade to block out unwanted light and dim the lights on your digital clock.
- · Sleep on a mattress and pillows that are comfortable and supportive.
- · Finish eating meals 2-3 hours before bedtime.
- Exercise regularly. A low-impact fitness program, like walking, swimming or yoga, is helpful for managing pain and stiffness and improving sleep.
- Try to limit how many caffeinated products you consume in the afternoon.
- Alcohol and nicotine in your body can disrupt sleep and can cause nighttime waking. For optimal sleep, skip them
 close to bedtime or altogether.

https://www.thensf.org/sleep-tips/

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Behavioral and Psychological Symptoms of Dementia



QUESTIONS?