Take a Stand to Prevent Falls



Falls Prevention Presentation Developed by AOTA and AGPT, a component of APTA

Are falls preventable?

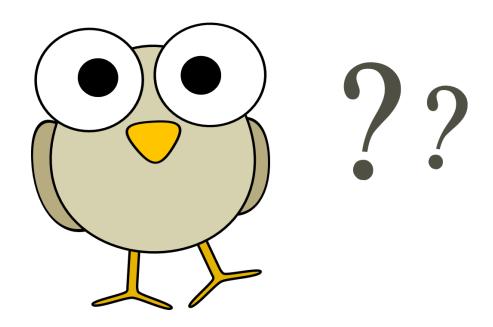


Image courtesy of anarres at openclipart.org

YES!

Falls are largely preventable! Come learn how.

Today's Discussion

- Definition of a fall
- Fear of falling
- Risk factors for falling
- Action steps to reduce YOUR fall risk



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What is a fall?

- Landing on the ground or some other lower surface when you didn't intend to be there
- Includes slips, trips, etc.



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Have you had a fall?

- Have you had a fall in the past year?
- Were you hurt?
- Do you worry about falling?
- Do you feel unsteady when standing or walking?

Do you limit activities?

 Fear of Falling is a lasting concern about falling that may cause a person to stop doing activities s/he remains able to do.

Tinetti & Powell, 1993



Image courtesy of Dr. Joseph Valks at freedigitalphotos.net

Why does a fear of falling matter?

- May stop you from activities
- Legs weaken with inactivity
- Inactivity leads to falls
- May make the person feel alone



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May cause depression

Boyd & Stevens, 2009; Donoghue, Cronin, Savva, O'Reagan, & Kenny, 2013; Painter et al., 2012

Types of Fall Risk Factors

Most falls result from a number of risk factors:

- Physical risk factors: Changes in your body that increase your risk for a fall
- Behavioral risk factors: Things we do or don't do that increase our fall risk
- Environmental risk factors: Hazards in our home or community



CDC, 2014c

Risk Factors

You CAN change

- Physical inactivity
- Home environment
- Vision
- Medication Use
- Fear of falling
- Social isolation
- Weakness
- Improper use of assistive devices

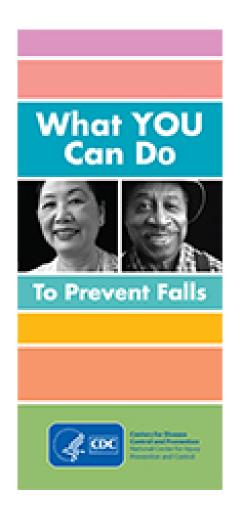
You CAN'T change

- Age
- Gender
- Ethnic background

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What can YOU do to prevent falls?

- Exercise to improve you balance and strength
- Have your doctor or pharmacist review your medicines
- Have your vision checked
- Make your home safer



CDC, 2014d

Exercise Recommendations



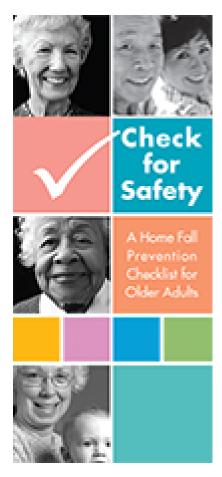
Photo courtesy of the National Council on Aging

- Talk to your doctor before starting an exercise program
- Begin with PT or fall prevention classes
- Be sure classes are for your age group or ability level
- Stick with it!

Home Safety Evaluation

- Identify and eliminate fall hazards in your home and community
- Check for Safety Brochure in CDC's STEADI Toolkit
- An occupational therapist can help identify safety issues and solutions

CDC, n.d.



CDC, 2014a

Medications and Falls Risk

- Side effects may make you dizzy
- Medication changes can increase fall risk
- Use one pharmacy
- Review your medications each year
- Be sure you can read your labels



Image courtesy of Victor Habbick at freedigitalphotos.net

Vision and Falls Risk



Image courtesy of ponsulak at freedigitalphotos.net

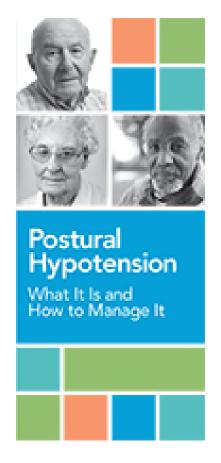
- Having annual eye exams after age 50 can help identify vision problems.
- Wearing multifocal lenses may blur or distort your vision looking down.
- Removing cataract(s) may reduce fall risk.

AGS & BGS, 2010

Blood Pressure and Fall Risk

- Check your blood pressure regularly.
- If you get dizzy when you stand up, see your doctor and have your "sit to stand" blood pressure checked.
- Some blood pressure medications increase fall risk; speak with your doctor.

AGS/BGS, 2010; Panel on Prevention, 2011



CDC, 2014b

Chronic Conditions May Contribute to Your Fall Risk

- Diabetes
- Arthritis
- Stroke
- Multiple Sclerosis (MS)
- Parkinson'sDisease

- Chronic Pain
- Depression
- ChronicObstructivePulmonaryDisease (COPD)

AGS & BGS, 2010; Panel on Prevention, 2011

Risk of Falling May Increase

- Change in your medications
- Illness or infection
- > Pain
- Lack of sleep
- Being sad or worried
- Reduced activity level
- Move to new home
- Change in use of cane or walker



Image courtesy of Stuart Miles at freedigitalphotos.net

Start Small

Choose one risk factor to address

- Pharmacist & Doctor review medications for side effects that may cause you to fall
- Occupational Therapist home assessment and recommendations to make your home safer
- Physical Therapist help with physical activity, balance, strength, and moving safely

After a Fall Occurs ...

- Check for injury.
- Call for help, if needed.
- Seek medical attention right away if you might have hit your head.
- Call your doctor.
- Check for safety hazards.
- Learn how to get up safely.



Photo courtesy of Ventrilock at freedigitalphotos.net

Evidence-Based Fall Prevention Programs

Otago Exercise Program (OEP)

- Done one-to-one with a trained PT and is delivered as part of a complete PT program
- Includes exercise and walking program designed for you
- If you or your physician feel you should begin with PT, be sure your PT includes the OEP
- Great start for later Stepping On® (SO) program

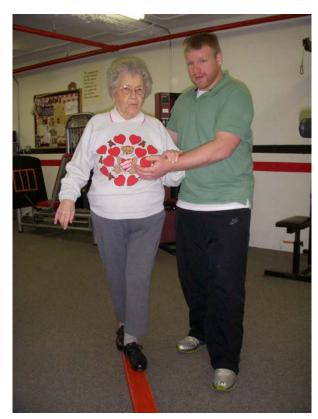


Photo courtesy of the National Council on Aging

Matter of Balance

- Eight weekly 2-hour sessions including peer group discussion, exercise, education, and some behavior modification
- All exercises can be done in sitting or supported standing
- Excellent for people who are fearful of falling

- Great start for later Stepping On
- Visit http://www.mainehealth.org/mob



Photo Courtesy of the National Council on Aging

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Stepping On® (SO)

- Seven weekly 2-hour classes including peer discussion, exercise, expert lectures
- Great follow-up to Otago (OEP)
- SO classes include standing exercises that are done by a chair independently
- You should feel safe standing and walking independently before you begin SO
- Visit https://wihealthyaging.org/stepping-on

Tai Chi



Courtesy of the National Council on Aging

- Fantastic program for ongoing fitness and balance training
- Does not include educational component

- Classes are usually ongoing and not limited to certain weeks
- Participants should be able to stand on one leg for 5 seconds

Finding Evidence-Based Falls Prevention Programs

- Local Senior Center
- Area Agency on Aging <u>www.eldercare.gov</u> or 1-800-677-1116
- Hospitals or health clinics
- YMCA for programs like Tai Chi



Photo courtesy of the National Council on Aging

REMEMBER

Move More!



Evidence-Based Resources

National Council on Aging

- Provides information on evidence-based falls prevention programs, state falls prevention coalitions, consumer material and the 2015 Falls Free® National Action Plan
- https://www.ncoa.org/healthy-aging/falls-prevention/fallsprevention-programs-for-older-adults/

Falls Free® Initiative

- Provides resources and evidence-based practice to reduce fall-related injuries and death among older adults
- http://www.ncoa.org/improve-health/center-for-healthyaging/falls-prevention/falls-free-initiative.html

Thank You for Coming!

This PowerPoint presentation was developed by Jane Painter-Patton, EdD, OTR/L, FAOTA, Professor, East Carolina University and Mindy Oxman Renfro, PT, PhD, DPT, University of Montana, with assistance from AOTA staff Karen Smith, OT/L, CAPS.

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