



Home Occupations for Mainstay Elders

## Participant's Booklet

By Marissa Jahnke & Alyana Marie Louise Simpron

University of North Dakota Occupational Therapy Students

Advisor: Dr. Scinda Janssen, PhD, OTR/L, CLA

### **Who is *HOME* designed for?**

Current research revealed that the Native American Elder population faces some challenges to safe mobility. Based on current research, Native American Elders may have safe mobility challenges such as dehydration, malnutrition, chronic conditions, physical weakness, low confidence levels, and depression. Using the Native American medicine wheel, the *Home Occupations for Mainstay Elders (HOME)* was created to reduce these challenges and improve safe mobility for Native American Elders.

# Warm-Up Safe Mobility Movements Bedroom

(5-10 times for each)

## Ankle Pumps:

- Right after I sit up in bed



## Ankle Pumps:

- 

**How else might  
you do this at  
home?**

## Knee Kicks:

- Once I swing my legs over the side of the bed



## Knee Kicks:

- 

**How else might  
you do this at  
home?**

## Sit to Stand:

- When I rise from the bed



## Sit to Stand:

- 

**How else might  
you do this at  
home?**

# Warm-Up

## Safe Mobility Movements

### Bedroom

(5-10 times for each)

#### Sidestep Walking:

- While I'm opening the curtains



**How else might you do this at home?**

#### Sidestep Walking:

- 

#### Side Leg Lifts:

- When I'm standing at the dresser



**How else might you do this at home?**

#### Side Leg Lifts:

- 

#### One-Leg Stand:

- After I grab a clothing item out of the dresser drawer



**How else might you do this at home?**

#### One-Leg Stand:

-

# At Home: Safe Mobility Movements Meaningfulness Tracking Sheet

## Bedroom

<p><b>Ankle Pumps:</b></p> <ul style="list-style-type: none"> <li>• Right after I sit up in bed</li> </ul> <p style="text-align: center; margin-top: 10px;"><b>OR</b></p> <ul style="list-style-type: none"> <li>•</li> </ul>	<p><b>How valuable was this movement to my daily routine?</b></p> <p style="text-align: center; margin-top: 10px;">1 – 2 – 3 – 4 – 5 – 6 – 7 – 8 – 9 – 10</p> <p style="text-align: center;">Very Meaningful <span style="margin-left: 100px;">Not Very Meaningful At All</span></p>
<p><b>Knee Kicks:</b></p> <ul style="list-style-type: none"> <li>• Once I swing my legs over the side of the bed</li> </ul> <p style="text-align: center; margin-top: 10px;"><b>OR</b></p> <ul style="list-style-type: none"> <li>•</li> </ul>	<p><b>How valuable was this movement to my daily routine?</b></p> <p style="text-align: center; margin-top: 10px;">1 – 2 – 3 – 4 – 5 – 6 – 7 – 8 – 9 – 10</p> <p style="text-align: center;">Very Meaningful <span style="margin-left: 100px;">Not Very Meaningful At All</span></p>
<p><b>Sit to Stand:</b></p> <ul style="list-style-type: none"> <li>• When I rise from sitting on the bed</li> </ul> <p style="text-align: center; margin-top: 10px;"><b>OR</b></p> <ul style="list-style-type: none"> <li>•</li> </ul>	<p><b>How valuable was this movement to my daily routine?</b></p> <p style="text-align: center; margin-top: 10px;">1 – 2 – 3 – 4 – 5 – 6 – 7 – 8 – 9 – 10</p> <p style="text-align: center;">Very Meaningful <span style="margin-left: 100px;">Not Very Meaningful At All</span></p>
<p><b>Sidestep Walking:</b></p> <ul style="list-style-type: none"> <li>• While I'm opening the bedroom curtains</li> </ul> <p style="text-align: center; margin-top: 10px;"><b>OR</b></p> <ul style="list-style-type: none"> <li>•</li> </ul>	<p><b>How valuable was this movement to my daily routine?</b></p> <p style="text-align: center; margin-top: 10px;">1 – 2 – 3 – 4 – 5 – 6 – 7 – 8 – 9 – 10</p> <p style="text-align: center;">Very Meaningful <span style="margin-left: 100px;">Not Very Meaningful At All</span></p>
<p><b>Side Leg Lifts:</b></p> <ul style="list-style-type: none"> <li>• When I'm standing at the dresser</li> </ul> <p style="text-align: center; margin-top: 10px;"><b>OR</b></p> <ul style="list-style-type: none"> <li>•</li> </ul>	<p><b>How valuable was this movement to my daily routine?</b></p> <p style="text-align: center; margin-top: 10px;">1 – 2 – 3 – 4 – 5 – 6 – 7 – 8 – 9 – 10</p> <p style="text-align: center;">Very Meaningful <span style="margin-left: 100px;">Not Very Meaningful At All</span></p>
<p><b>One-Leg Stand:</b></p> <ul style="list-style-type: none"> <li>• After I grab a clothing item out of the dresser drawer</li> </ul> <p style="text-align: center; margin-top: 10px;"><b>OR</b></p> <ul style="list-style-type: none"> <li>•</li> </ul>	<p><b>How valuable was this movement to my daily routine?</b></p> <p style="text-align: center; margin-top: 10px;">1 – 2 – 3 – 4 – 5 – 6 – 7 – 8 – 9 – 10</p> <p style="text-align: center;">Very Meaningful <span style="margin-left: 100px;">Not Very Meaningful At All</span></p>

**Warm-Up**

(adapted with permission, Mary E. Tinetti, M.D. © Copyright; 2006)

## Safe Mobility Movements

### Bathroom

(5-10 times for each)

#### Ankle Pumps:

- After I arrive at the bathroom sink



**How else might you do this at home?**

#### Ankle Pumps:

- 

#### Knee Kicks:

- While I sit and comb my hair



**How else might you do this at home?**

#### Knee Kicks:

- 

#### Sit to Stand:

- When I rise from the toilet



**How else might you do this at home?**

#### Sit to Stand:

-

**Warm-Up**  
**Safe Mobility Movements**  
**Bathroom**  
(5-10 times for each)

**Sidestep Walking:**

- While I go grab my hand towel



**How else might  
you do this at  
home?**

**Sidestep Walking:**

- 

**Side Leg Lifts:**

- Before and after I wash my face



**How else might  
you do this at  
home?**

**Side Leg Lifts:**

- 

**One-Leg Stand:**

- While I brush my teeth at the sink



**How else might  
you do this at  
home?**

**One-Leg Stand:**

-

## At Home: Safe Mobility Movements Meaningfulness Tracking Sheet

### Bathroom

<p><b>Ankle Pumps:</b></p> <ul style="list-style-type: none"> <li>• After I arrive at the bathroom sink</li> </ul> <p style="text-align: center;"><b>OR</b></p> <ul style="list-style-type: none"> <li>•</li> </ul>	<p><b>How valuable was this movement to my daily routine?</b></p> <p style="text-align: center;">1 – 2 – 3 – 4 – 5 – 6 – 7 – 8 – 9 – 10</p> <p>Very Meaningful <span style="float: right;">Not Very Meaningful At All</span></p>
<p><b>Knee Kicks:</b></p> <ul style="list-style-type: none"> <li>• While I sit and comb my hair</li> </ul> <p style="text-align: center;"><b>OR</b></p> <ul style="list-style-type: none"> <li>•</li> </ul>	<p><b>How valuable was this movement to my daily routine?</b></p> <p style="text-align: center;">1 – 2 – 3 – 4 – 5 – 6 – 7 – 8 – 9 – 10</p> <p>Very Meaningful <span style="float: right;">Not Very Meaningful At All</span></p>
<p><b>Sit to Stand:</b></p> <ul style="list-style-type: none"> <li>• When I rise from the toilet</li> </ul> <p style="text-align: center;"><b>OR</b></p> <ul style="list-style-type: none"> <li>•</li> </ul>	<p><b>How valuable was this movement to my daily routine?</b></p> <p style="text-align: center;">1 – 2 – 3 – 4 – 5 – 6 – 7 – 8 – 9 – 10</p> <p>Very Meaningful <span style="float: right;">Not Very Meaningful At All</span></p>
<p><b>Sidestep Walking:</b></p> <ul style="list-style-type: none"> <li>• While I go grab my hand towel</li> </ul> <p style="text-align: center;"><b>OR</b></p> <ul style="list-style-type: none"> <li>•</li> </ul>	<p><b>How valuable was this movement to my daily routine?</b></p> <p style="text-align: center;">1 – 2 – 3 – 4 – 5 – 6 – 7 – 8 – 9 – 10</p> <p>Very Meaningful <span style="float: right;">Not Very Meaningful At All</span></p>
<p><b>Side Leg Lifts:</b></p> <ul style="list-style-type: none"> <li>• Before and after I wash my face</li> </ul> <p style="text-align: center;"><b>OR</b></p> <ul style="list-style-type: none"> <li>•</li> </ul>	<p><b>How valuable was this movement to my daily routine?</b></p> <p style="text-align: center;">1 – 2 – 3 – 4 – 5 – 6 – 7 – 8 – 9 – 10</p> <p>Very Meaningful <span style="float: right;">Not Very Meaningful At All</span></p>
<p><b>One-Leg Stand:</b></p> <ul style="list-style-type: none"> <li>• While I brush my teeth at the sink</li> </ul> <p style="text-align: center;"><b>OR</b></p> <ul style="list-style-type: none"> <li>•</li> </ul>	<p><b>How valuable was this movement to my daily routine?</b></p> <p style="text-align: center;">1 – 2 – 3 – 4 – 5 – 6 – 7 – 8 – 9 – 10</p> <p>Very Meaningful <span style="float: right;">Not Very Meaningful At All</span></p>

## Medications That Cause Balance Difficulty

Some medications may cause dizziness and unsafe mobility when a person stands up to complete daily living activities. Knowing which medications cause dizziness can help people to take preventative steps to improve their safe mobility. Provided below is a list of some medications that may cause balance difficulty.

High blood pressure:

- Examples: **Zestril, Inderal, Lopressor, Lasix, Norvasc**

Diabetic neuropathy and fibromyalgia:

- Examples: **Depakote, Neurontin, Lyrica**

Depression and anxiety:

- Examples: **Prozac, Zoloft, Desyrel**

Head, neck, and back pain:

- Examples: **Amrix, Skelaxin**

Chest pain:

- Examples: **Nitroglycerin**

Poor Sleep:

- Examples: **Ambien**



Figure 6

Safe Mobility Tips: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

### Resource

Gill, L. (2017). *Drugs that might be the cause of your dizziness*. Retrieved from Consumer Reports website: <https://www.consumerreports.org/drug-safety/drugs-that-might-be-the-cause-of-your-dizziness/>





# Check for Safety

This checklist was produced with support from the MetLife Foundation.



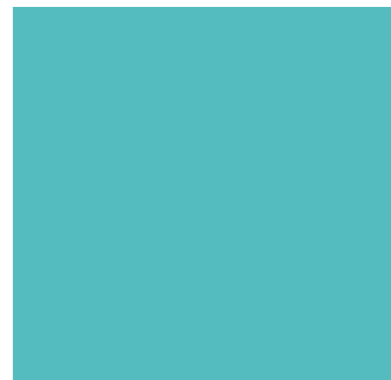
## A Home Fall Prevention Checklist for Older Adults



**Centers for Disease Control and Prevention**  
National Center for Injury Prevention and Control



For more information, contact:  
Centers for Disease Control and Prevention  
1 (800) CDC-INFO (232-4636)  
[www.cdc.gov/steady](http://www.cdc.gov/steady)





## FALLS AT HOME

Each year, thousands of older Americans fall at home. Many of them are seriously injured, and some are disabled. In 2011, nearly 23,000 people over age 65 died and 2.4 million were treated in emergency departments because of falls.

Falls are often due to hazards that are easy to overlook but easy to fix. This checklist will help you find and fix those hazards in your home.

The checklist asks about hazards found in each room of your home. For each hazard, the checklist tells you how to fix the problem. At the end of the checklist, you'll find other tips for preventing falls.

“Making changes in our home to prevent falls is good for us and for our granddaughter when she comes to visit.”



“Last Saturday our son helped us move our furniture. Now all the rooms have clear paths.”

## FLOORS: Look at the floor in each room.

**Q:** When you walk through a room, do you have to walk around furniture?

- Ask someone to move the furniture so your path is clear.

**Q:** Do you have throw rugs on the floor?

- Remove the rugs or use double-sided tape or a non-slip backing so the rugs won't slip.

**Q:** Are there papers, books, towels, shoes, magazines, boxes, blankets, or other objects on the floor?

- Pick up things that are on the floor. Always keep objects off the floor.

**Q:** Do you have to walk over or around wires or cords (like lamp, telephone, or extension cords)?

- Coil or tape cords and wires next to the wall so you can't trip over them. If needed, have an electrician put in another outlet.

## STAIRS AND STEPS:

Look at the stairs you use both inside and outside your home.

**Q:** Are there papers, shoes, books, or other objects on the stairs?

Pick up things on the stairs. Always keep objects off stairs.

**Q:** Are some steps broken or uneven?

Fix loose or uneven steps.

**Q:** Are you missing a light over the stairway?

Have an electrician put in an overhead light at the top and bottom of the stairs.

**Q:** Do you have only one light switch for your stairs (only at the top or at the bottom of the stairs)?

Have an electrician put in a light switch at the top and bottom of the stairs. You can get light switches that glow.

**Q:** Has the stairway light bulb burned out?

Have a friend or family member change the light bulb.

**Q:** Is the carpet on the steps loose or torn?

Make sure the carpet is firmly attached to every step, or remove the carpet and attach non-slip rubber treads to the stairs.

**Q:** Are the handrails loose or broken? Is there a handrail on only one side of the stairs?

Fix loose handrails or put in new ones. Make sure handrails are on both sides of the stairs and are as long as the stairs.



Photo courtesy of Jake Pauls

## KITCHEN: Look at your kitchen and eating area.

**Q:** Are the things you use often on high shelves?

- Move items in your cabinets. Keep things you use often on the lower shelves (about waist level).

**Q:** Is your step stool unsteady?

- If you must use a step stool, get one with a bar to hold on to. Never use a chair as a step stool.



## BATHROOMS: Look at all your bathrooms.

**Q:** Is the tub or shower floor slippery?

- Put a non-slip rubber mat or self-stick strips on the floor of the tub or shower.

**Q:** Do you need some support when you get in and out of the tub or up from the toilet?

- Have grab bars put in next to and inside the tub and next to the toilet.





## **BEDROOMS:** Look at all your bedrooms.

**Q:** Is the light near the bed hard to reach?

- Place a lamp close to the bed where it's easy to reach.



"I put a lamp on each side of my bed. Now it's easy to find the light if I wake up at night."

**Q:** Is the path from your bed to the bathroom dark?

- Put in a night-light so you can see where you're walking. Some night-lights go on by themselves after dark.

## Other Things You Can Do to Prevent Falls

- Do exercises that improve your balance and make your legs stronger. Exercise also helps you feel better and more confident.



- Have your doctor or pharmacist look at all the medicines you take, even over-the-counter medicines. Some medicines can make you sleepy or dizzy.
- Have your eyes checked by an eye doctor at least once a year and update your glasses.
- Get up slowly after you sit or lie down.
- Wear shoes both inside and outside the house. Avoid going barefoot or wearing slippers.
- Improve the lighting in your home. Put in brighter light bulbs. Florescent bulbs are bright and cost less to use.
- It's safest to have uniform lighting in a room. Add lighting to dark areas. Hang lightweight curtains or shades to reduce glare.
- Paint a contrasting color on the top edge of all steps so you can see the stairs better. For example, use a light color paint on dark wood.



“I feel stronger and better about myself since I started taking Tai Chi.”

## Other Safety Tips

- Keep emergency numbers in large print near each phone.
- Put a phone near the floor in case you fall and can't get up.
- Think about wearing an alarm device that will bring help in case you fall and can't get up.