

SafeHome AI

AI-Powered Home Safety Assessment

PREPARED BY

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HOME SAFETY ASSESSMENT FOR

Barbara

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10

TOTAL FINDINGS

5

ROOMS SCANNED

6

HIGH PRIORITY



6 High · 4 Medium · 0 Low

CLINICALLY-INFORMED · EVIDENCE-BASED · CAPS-ALIGNED

TAILORED FOR BARBARA

Based on Parent/loved one · Some mobility difficulty | 74 years old, Lives alone, No assistive devices, Had a recent near fall when walking down the stairs, Mild arthritis in hands and knees, Takes a diuretic and wakes up once or twice a night to use the bathroom - we've prioritized the most impactful fixes.

START HERE - YOUR TOP 3 PRIORITIES**1 Wearable fall alert absent -- lives alone with near-fall history**

Bedroom \$30-\$45/month

2 Tub/shower transfer unsupported

Bathroom \$60-\$120

3 Nighttime stair access unlit -- diuretic use with nocturia

Stairs / Hallways \$20-\$40

Findings & Recommendations

HIGH PRIORITY · Bathroom

1. Tub/shower transfer unsupported

The tub-shower combo requires stepping over a barrier with no grab bars visible at the entry or interior walls; for someone with balance issues and mild knee arthritis, this is the highest-risk transfer point in the home. A wet step-over without support is a primary fall mechanism.

RECOMMENDED FIX

Add a spa-style tub transfer bench with backrest now so entry requires only a seated pivot rather than a standing step-over; install a designer 32-inch angled grab bar into wall blocking at the entry point for added security -- consider a curbless walk-in shower conversion long-term for full accessibility and resale appeal.

SUGGESTED PRODUCT

Tub transfer bench with backrest and adjustable legs

[Find on Amazon >](#)**Urgent**
\$60-\$120**HIGH PRIORITY** · Bathroom

2. No grab bar at toilet

The toilet has no side or rear grab bar visible, and the vanity cabinet is not a safe substitute for support during sit-to-stand; with mild knee arthritis and a diuretic causing urgent nighttime bathroom trips, this transfer is high-risk -- especially in the dark.

RECOMMENDED FIX

Install a 42-inch designer side-wall grab bar into blocking at 33-36 inches high beside the toilet; if blocking is absent, a floor-to-ceiling tension safety pole provides immediate support without wall anchoring.

SUGGESTED PRODUCT

42-inch wall-mounted grab bar, brushed nickel, 250 lb rated

[Find on Amazon >](#)

Professional installation recommended

Urgent

\$45-\$90

MEDIUM PRIORITY · Kitchen

3. Small area rug at sink zone creates trip and slip hazard

A small area rug is visible in front of the sink and stove zone; for a user with mild balance issues and occasional near-falls, unsecured mats on hardwood-style flooring are a meaningful trip and slip risk during routine kitchen tasks.

RECOMMENDED FIX

Remove the area rug entirely; the hardwood-style floor beneath provides adequate footing and eliminates the trip edge.

NO PURCHASE NEEDED

Furniture removal or relocation

\$0

HIGH PRIORITY · Stairs / Hallways

4. Single handrail only -- opposite side unguarded

Photos confirm a handrail on one side only; the opposite side of the staircase has no rail, leaving no support for the descending hand -- the exact scenario of the reported near-fall. With mild knee arthritis and a recent near-fall on these stairs, bilateral support is a high-priority structural gap.

RECOMMENDED FIX

Install a second continuous handrail on the open side, graspable 1.25-1.5-inch diameter at 34-38 inches high, running the full stair length; this directly addresses the unsupported side during descent.

SUGGESTED PRODUCT

Continuous wood stair handrail bracket kit, 1.5-inch diameter, full-run

[Find on Amazon >](#)

Professional installation recommended

Urgent

\$80-\$180

MEDIUM PRIORITY · Stairs / Hallways**5. No step-edge contrast on dark carpet treads**

All stair treads are uniformly dark brown carpet with no visible contrast nosing or edge marking; aging eyes lose contrast sensitivity, making it difficult to judge tread depth and edge location, particularly when descending -- a direct fall mechanism for someone with a recent stair near-fall.

RECOMMENDED FIX

Apply high-contrast adhesive non-slip nosing tape to each tread edge to visually define step boundaries and add grip simultaneously.

SUGGESTED PRODUCT

High-contrast adhesive non-slip stair nosing tape, light color, 2-inch width

\$25-\$55[Find on Amazon >](#)**HIGH PRIORITY** · Stairs / Hallways**6. Nighttime stair access unlit -- diuretic use with nocturia**

No stair lighting or motion-activated step lights are visible in either photo; this user takes a diuretic, wakes once or twice nightly, and has had a near-fall on these stairs -- navigating an unlit staircase under urgency is a high-risk combination.

RECOMMENDED FIX

Install plug-in motion-activated LED night lights at both the top and bottom stair landings to illuminate the path automatically during nighttime bathroom trips.

SUGGESTED PRODUCT

Motion-activated plug-in LED night light, auto on/off, dusk-to-dawn sensor

**Urgent
\$20-\$40**[Find on Amazon >](#)**HIGH PRIORITY** · Bedroom**7. No nighttime path lighting to bathroom**

No visible night light in the bedroom; this user wakes 1-2 times nightly for the bathroom, creating a high fall risk navigating in darkness with mild balance issues and diuretic-driven urgency. Dark transitions from bed to door are a leading fall mechanism in older adults.

RECOMMENDED FIX

Plug in a motion-activated LED night light near the bed and along the path to the bathroom door so the route illuminates automatically without fumbling for switches.

SUGGESTED PRODUCT

Motion-activated plug-in LED night light

[Find on Amazon >](#)

Urgent

\$12-\$25

MEDIUM PRIORITY · Bedroom

8. Bed height not confirmed for safe transfers

The ornate metal bed frame appears standard height; for a 74-year-old with mild knee arthritis and balance issues, a bed that is too low (under 20 inches) makes sit-to-stand transfers effortful and increases fall risk, especially during urgent nighttime bathroom trips.

RECOMMENDED FIX

Measure bed height from floor to top of mattress -- target 20-23 inches; if too low, add furniture risers under the frame legs to reach a comfortable transfer height.

SUGGESTED PRODUCT

Stackable furniture bed risers, 3-5 inch

[Find on Amazon >](#)

\$20-\$40

HIGH PRIORITY · Bedroom

9. Wearable fall alert absent -- lives alone with near-fall history

This user lives alone, had a recent near-fall on stairs, and wakes at night to use the bathroom; without a wearable alert device, a fall could go undetected for hours, significantly worsening outcomes.

RECOMMENDED FIX

Wear a medical alert pendant or wrist-based fall-detection device at all times, including overnight, so emergency response is available without reaching a phone.

SUGGESTED PRODUCT

Wearable medical alert pendant with fall detection and two-way voice

[Find on Amazon >](#)

Urgent

\$30-\$45/month

MEDIUM PRIORITY · Living Room**10. Low seating height impairs safe sit-to-stand**

Both the tufted sectional and the smaller sofa appear low-profile, requiring significant knee and hip flexion to rise -- a meaningful challenge with mild knee arthritis and balance issues. Difficulty standing from low seating increases fall risk, particularly during nighttime bathroom trips when urgency and grogginess compound the problem.

RECOMMENDED FIX

Place furniture risers under each sofa leg to raise seat height 3-4 inches, making rising easier on arthritic knees and reducing the balance demand at stand-up.

SUGGESTED PRODUCT

Heavy-duty furniture risers, 3-4 inch, set of 8

\$20-\$40

[Find on Amazon >](#)

What's Already Good**Bathroom**

- > Shower curtain rather than glass enclosure allows easy caregiver access and flexible entry width.
- > Vanity cabinet height and sink basin appear standard, supporting comfortable stand-and-use access.
- > A plug-in night light is already present in the vanity outlet area, showing existing awareness of nighttime safety needs.

Kitchen

- > Tile mosaic backsplash and light countertop provide good visual contrast for task areas at the sink and stove.
- > Stainless LG French-door refrigerator with bottom freezer reduces need for deep overhead reaching.
- > Kitchen layout provides an open aisle with adequate ambulatory clearance around the dining table.

Stairs / Hallways

- > Stair carpet is dark and uniform with no visible damage, ripples, or loose seams structurally intact underfoot.
- > White painted balusters and newel post provide strong visual contrast against the dark carpet, aiding depth perception from above.
- > Upper hallway appears open with no visible furniture or obstacles cluttering the landing walking path.

Bedroom

- > Ceiling fan with integrated light fixture provides overhead lighting and air circulation, supporting comfort during rest.
- > Bedroom appears uncluttered with open floor space visible on both sides of the bed, supporting clear transfer zones.
- > Window with curtain treatment allows natural light and ventilation, contributing to a comfortable, well-lit daytime environment.

Living Room

- > Room has multiple windows providing good natural daytime light, supporting safe navigation during the day.
- > Walls are clear of clutter and furniture arrangement allows reasonable open floor space for walking.
- > Decorative mirrors and wall art are mounted high and securely, posing no floor-level obstruction.

Additional Observations

19 items noted

Bathroom

- Loose items on the over-toilet shelf could become grab points during a balance lapse -- secure or relocate them.
- Black wire running vertically along the vanity wall should be routed inside a cord cover to eliminate a snag hazard.
- Mirror-cabinet and ornate wall mirror provide adequate visual coverage; no additional mirror needed.
- Nighttime path lighting for this room is part of the whole-home lighting plan -- see Bedroom finding.

Kitchen

- Stove control location not fully confirmed from photos -- see verify_in_person.
- Mild arthritis in hands warrants lever-style cabinet pulls; D-pull hardware is an easy low-cost upgrade.
- TV mounted in kitchen dining area is a positive convenience feature; ensure cord is secured flush to wall to keep path clear.
- Whole-home wearable fall-detection pendant covers this room -- see Bedroom finding.
- Nighttime path lighting for this room is part of the whole-home lighting plan -- see Bedroom finding.

Stairs / Hallways

- Shoe rack stored at stair base -- relocate to eliminate trip hazard at landing exit point.
- Small item (appears to be a book/box) visible on lower landing floor -- keep all landing surfaces clear.
- Stair carpet appears intact with no visible fraying or loose seams -- no immediate carpet hazard noted.

Bedroom

- Window blind pull cord hangs loose near floor -- secure or trim to eliminate trip hazard along walking path.
- Decorative artwork leaning against wall near bed could shift; confirm it is secured and not in the nighttime path.
- Clear a consistent 36-inch walking path from bed to bedroom door for safe unobstructed nighttime navigation.

Living Room

- Treadmill in living room -- confirm it is fully folded or locked when not in use to keep walking path clear.
- Tall torchiere floor lamp tip risk -- ensure base is stable and lamp is not in primary walking path.
- Ceiling fan pull chain is a minor reaching hazard; consider a remote control switch for easier operation.
- Nighttime path lighting for this room is part of the whole-home lighting plan -- see Bedroom finding.

Items to Verify In Person

13 items

Bathroom

- Confirm wall blocking behind tub surround and toilet side wall before scheduling grab bar installation.
- Test floor traction in socks on wet surface; if slippery, apply non-slip adhesive bath strips (COF min 0.6 wet).
- Verify water heater is set to 120F max; pressure-balanced valve does not prevent scald without temperature limit.

Kitchen

- Confirm stove control panel location; rear controls require reaching over burners -- a burn risk with arthritis.
- Check that kitchen-to-bathroom nighttime path is clear of cords, clutter, or threshold irregularities.

Stairs / Hallways

- Confirm handrail is graspable end-to-end -- returned-end terminations reduce snag risk at top and bottom.
- Assess stair lighting adequacy at night with overhead lights off; camera auto-brightening may mask true darkness.
- Confirm top landing has adequate turning space and clear path to bedroom and bathroom for nighttime trips.

Bedroom

- Measure bed-to-floor height; confirm 20-23 inch transfer height with shoes off.
- Discuss current medications and fall risk with the prescribing physician -- timing adjustments may reduce nighttime urgency and dizziness.

- For recent near-fall history, OT consultation recommended for personalized evaluation. This assessment is a starting point -- aging in place works best as a team effort.

Living Room

- Confirm nighttime path from bedroom through living room to bathroom is fully clear of furniture and rug edges.
- Check that living room lighting reaches the floor-level path adequately for safe nighttime navigation.

Estimated Total Cost for All Fixes

\$437

One-time product costs. Actual costs may vary.

Product costs only. Professional installation and contractor labor may add to total cost.

Plus \$30-\$45/month for monitoring service - ongoing, not included in the total above.

Next Steps

1. Address HIGH priority items first — these pose the greatest fall risk.
2. Schedule an expert consultation for personalized cost estimates and contractor referrals.
3. Re-scan your home after modifications to track your improved safety score.

A PERSONAL NOTE

Thank You, Barbara

Thank you for trusting SafeHome AI with your home safety assessment. I built this tool to bring the same clinical eye I use with my patients into every home that needs it. I hope this report gives you a clear path forward and helps you feel more confident in the space you or your loved one calls home.

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QUESTIONS OR FEEDBACK?

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