



Certified Professionals may earn .2 CEUs by completing quizzes based on selected articles in each issue of the *Assistive Technology* journal.

Each quiz is 12 questions in multiple-choice or true-false format. You must answer nine questions correctly (75%) to earn the .2 CEU credit. Results of the quiz will be emailed (or mailed by request) upon completion.

Complete the quiz by circling the correct answers. Mail or fax the completed quiz with payment to RESNA Quizzes, 1700 N. Moore St, Suite 1540, Arlington, VA 22209. FAX: (703) 524-6630.

RESNA members: \$32 Nonmembers: \$45

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QUIZ 25.3b PAYMENT INFO:

VISA MC CHECK payable to RESNA

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Other quizzes from Assistive Technology Journal articles may be found on the RESNA website (www.RESNA.org). The primary program learning objective is to keep abreast of current findings and practices in assistive technology, research and rehabilitation engineering.

Was the content of the article relevant to current AT practice? Yes No

Was reading the article and completing the quiz a good way for you to learn? Yes No

Quiz 25.3b– Smart Grab Bars: A Potential Initiative to Encourage Bath Grab Bar Use in Community Dwelling Older Adults

1. True/False In the absence of bath grab bars, many participants relied on other structures to facilitate bath transfers, such as soap dishes, towel racks, bath rims, curtain rods, etc.
2. True/False In one particular study, most participants did not use the grab bars because the grab bars felt awkward or unsafe to use.
3. It was reported that external auditory cues have significantly improved the walking velocity, stride length and cadence in community-dwelling persons with _____.
 - A. Alzheimer's disease
 - B. Parkinson's disease
 - C. Sjogren's disease
 - D. Mad Cow disease
4. Participants preferred the combination of cues, but results suggested that the _____ cue alone elicited the highest percentage of bar use.
 - A. audiovisual cue
 - B. visual cue
 - C. auditory cue
5. A second prototype was developed, whereby _____ lights were used instead of white to increase the contrast with the white wall.
 - A. green
 - B. blue
 - C. red
 - D. amber
6. True/False Although it appeared that the visual cue was the most effective, participants preferred the auditory cue.
7. Each participant completed approximately _____ trials, which included entry, stand, and exit from the tub.
 - A. 30
 - B. 40
 - C. 50

8. Except for hip, knee and leg impairment, there were _____ significant differences between the control group and the three experimental groups.
- A. few
 - B. many
 - C. no
9. Interestingly, grab bar use was _____ to other structures' use.
- A. proportional
 - B. inversely proportional
10. True/False Many participants reported that the cues were very helpful and that the timing of the cue was about right.
11. The average age of participants in the study was _____ years old.
- A. 69
 - B. 72
 - C. 75
 - D. 79
12. True/False Participants seemed to recognize the benefits of grab bars; however, they tended to postpone their acquisition of a grab bar to a later date, perhaps due to the stigma associated with grab bars.