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

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 21.4b – The Effects of Assistive Technology on Functional Decline in People Aging with a Disability

1. True/False  People with severe physical impairments do not age in a typical manner, but rather they appear to show signs of “premature aging”.

2. The study included all of the following impairments except:
   A. polio
   B. osteoarthritis
   C. spinal cord injury
   D. cerebral palsy

3. When changes in task performance were identified as a need, an experienced ___________________ instructed the participants in alternative methods.
   A. psychotherapist
   B. orthotist
   C. physical therapist
   D. occupational therapist
   E. C or D
   F. A or C

4. The two types of outcomes which were collected from all participants were ___________________ and ___________________.
   A. marginal…weekly
   B. promotional…bi-monthly
   C. functional…monthly
   D. formative…bi-weekly

5. True/False  The FIM is a 12-item instrument that uses a five-point scale ranging from 1 (independent) to 5 (dependent).

6. True/False  At both the 12 and 24 month periods the treatment group had significantly more pieces of equipment than the control group.
7. It was surmised that treatment participants may have experienced some specific ____________ problems that might have affected their ______________ results between the 12 and 24-month follow-ups.

A. health...functional  
B. procedural...functional  
C. health...monthly  
D. financial...marginal

8. The tasks with the highest percentage of positive changes for both the 12 and 24-month follow-up periods were _____________ and _____________.

A. bed transfers...toilet care  
B. mobility...bathing  
C. bathing...basic ambulation  
D. mobility...toilet care

9. True/False  The participants in the control group appeared to maintain their function during the first 12 month period and did not start declining until the beginning of year 2, whereas the treatment group showed functional decline for both the 12 and 24 month period.

10. The participants in the study ranged in age from ______________ to _______________ years old.

A. 20...69  
B. 30...89  
C. 25...75  
D. 30...85

11. True/False  The desired change was the ability to gain or maintain independence with the given task through use of equipment only, thereby reducing the need for personal assistance.

12. The study results were limited by ________________:

A. small sample size  
B. duration of study  
C. excessive margin of error