

Assistive CEU QUIZ Technology™

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, 1560 Wilson Blvd, Suite 850, Arlington, VA 22209. FAX: (703) 524-6630.

RESNA members: \$32 Nonmembers: \$45

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QUIZ 27.1a PAYMENT INFO:

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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

27.1 a Quiz – Socket Interface Pressure and Amputee Reported Outcomes for Comfortable and Uncomfortable Conditions of Patellar Tendon Bearing Socket: A Pilot Study

1. Each amputee was evaluated by which of the following prosthetic socket conditions?
 - A. rigid and flexible
 - B. smooth and rough
 - C. uncomfortable and comfortable
 - D. unstable and stable
2. How many capacitive sensor pads were incorporated in the system?
 - A. four
 - B. three
 - C. five
 - D. six
3. What type of questionnaire was used to analyze an amputee's satisfaction with prosthesis and activity restriction level?
 - A. TAPES
 - B. SCSTP
 - C. PATES
 - D. REVAL
4. What was shown to have a high sensitivity for change in socket comfort and was suggested for subsequent visits?
 - A. STP
 - B. CSC
 - C. PCS
 - D. SCS
5. An ICC value greater than _____ is regarded as an acceptable test reliability.
 - A. 0.5
 - B. 0.7
 - C. 0.6
 - D. 0.8
6. It was determined that the MPV differences between uncomfortable and comfortable socket conditions in all standing tests were not _____.
 - A. valid
 - B. useful
 - C. reliable
 - D. statistically significant

7. How did the SCS value register in the comfortable socket?
- A. somewhat lower
 - B. somewhat higher
 - C. significantly higher
 - D. significantly lower
 - E. about the same
8. Regarding the uncomfortable socket condition, all participants complained of what type of socket fit?
- A. loose
 - B. tight
 - C. abrasive
 - D. pinching
9. In the present study, where and when were interface pressure differences statistically significant?
- A. the PDP region in the early stance phase of walking
 - B. the POP region in the late stance phase of walking
 - C. the PCP region in the mid-stance phase of walking
 - D. the POP region in early stance phase of walking
10. According to the authors, which area had the highest pain threshold?
- A. MF
 - B. FH
 - C. PT
 - D. AD
11. What was the range for average peak pressure?
- A. 15kPa to 150 kPa
 - B. 25kPa to 320kPa
 - C. 40kPa to 380kPa
 - D. 45kPa to 360kPa
12. What is considered to be the accepted acclimation period for a new socket condition?
- A. two weeks
 - B. three weeks
 - C. four weeks
 - D. six weeks