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The self-perceived burden scale: a validation study in Turkish patients with spinal cord injury

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Objective: This study was conducted with the purpose of assessing validity and reliability of The Self-perceived burden scale, which was developed to evaluate the self-perceived burden scale, of spinal cord injury patients in Turkish society.

Method: In July 2016 and May 2017, a convenience sample of 125 spinal cord injury patients from Malatya State Hospital and Inönü University Turgut Ozal Medical Center completed a structured questionnaire, which provided demographic characteristics, and The Self-perceived burden scale, for patients with spinal cord injury. The obtained data were assessed using Cronbach's alpha reliability coefficient (α), factor analysis, Bartlett's test of sphericity, and the Kaiser- Meyer- Olkin (KMO) measure of sampling adequacy.

Results: In the present study, the result of the KMO test was determined to be 0.89, and that of Bartlett's test was 2.919; both tests were observed to be significant at $p < 0.001$. The Cronbach α reliability coefficient of the self-perceived burden scale, was determined to be 0.96.

Significance of results: As a result of the statistical analyses, it was determined that the self-perceived burden scale, had validity and reliability and could be used in the Turkish patients with spinal cord injury. The Turkish version of the adapted the self-perceived burden scale, has shown statistically acceptable levels of reliability and validity.

Biography

In 2004 I completed my license at Inonu University. In 2012 I finished my master's degree in Inonu University. I completed my doctor in the Public Health nurse of Inonu University in 2016. I am currently working as an assistant professor in Inonu University Health Sciences Faculty Public Health nursing.

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