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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 İnönü 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 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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