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Psychometric Properties of the Elderly Nursing Core Set

[César Fonseca](#) , [Manuel Lopes](#), [David Mendes](#), [Pedro Parreira](#), [Lisete Mónico](#) & [Céu Marques](#)

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Abstract

Aim: To assess the psychometric properties of the Elderly Nursing Core Set.

Methods: Cross-sectional descriptive study; convenience sample composed of 427 individuals aged 65 years old or older.

Results: Factor analysis of principal components allowed extracting 4 concepts, i.e., Self-Care, Learning and Mental Functions, Communication, and Relationship with Friends and Caregivers, which explained 82.25% of the total variance.

Varimax rotation indicated a very good measure of

sampling adequacy (KMO = 0.947), with Bartlett's test of sphericity ($\chi^2(300) = 11131.28, p < 0.001$) and an excellent Cronbach's alpha value of 0.963.

Conclusion: The Elderly Nursing Core Set exhibits excellent psychometric properties, i.e., consistency, reliability, and internal validity, for which reason it is recommended as a means of determining the nursing care needs of individuals aged 65 years old or older and assessing the outcomes of nursing interventions targeting that population.

Keywords

Ageing

International Classification of Functioning, Disability and Health

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Author information

Authors and Affiliations

Évora University, Investigator POCTEP

0445_4IE_4_P, Évora, Portugal

César Fonseca, Manuel Lopes, David

Mendes, Lisete Mónico & Céu Marques

Nursing School of Coimbra, 3046-851,

Coimbra, Portugal

Pedro Parreira

Faculty of Psychology and Educational Sciences, University of Coimbra, Coimbra, Portugal

Lisete Mónico

Corresponding author

Correspondence to [César Fonseca](#).

Editor information

Editors and Affiliations

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