

# Developing the “Better and Effective Nursing Education For Improving Transcultural nursing Skills (BENEFITS) Cultural Competence and Cultural Sensitivity Assessment Tool”

*Original research study*

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## ABSTRACT

**Aim:** This study was conducted to develop a scale to measure the progress of nursing students' respect for diversities, cultural competence, culturally sensitive communication and transcultural nursing skills.

**Methods:** This methodological study was conducted from April 2020 to April 2021 in two universities, among postgraduate ( $n = 70$ ) (for pilot study) and third/fourth grade bachelor's degree nursing students ( $n = 459$ ). Language adaptation and content validation was performed for this scale. Reliability analysis for scales is performed in order to test internal consistency of the items and to test whether all items are assessing the same topic. Reliability of scales are inspected by Cronbach Alpha value. Descriptive Factor Analysis and Confirmatory Factor Analysis were performed for reliability and structural validity of the adapted scale.

**Results:** Cronbach Alpha value was 0.953 (for pilot study) and 0.828 (for the scale development). BENEFITS Assessment Scale was composed of 43 items. During the scale development analysis 17 items were excluded from the scale and remained 26 items were gathered under 5 subdimensions. In this study, the mean total scale score was  $132.86 \pm 14.56$ . According to Descriptive factor analysis, factors explained 69.826% of the variance. In confirmatory factor analysis of the scale, structural equation modeling results identified that the scale would be composed of 26 items with  $p < 0.0001$  significance level.

**Conclusion:** The data obtained from this study reveal that BENEFITS Assessment Scale is a valid and reliable measurement tool to determine respect for diversities, cultural competence, culturally sensitive communication and transcultural nursing skills of nursing students.

**Keywords:** *Cultural care; Cultural care evaluation; Cultural knowledge and nursing skills; Cultural respect; Cultural sensitivity; Nursing education, Nursing students; Transcultural nursing*

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