

Abstract

Original Article

Cultural Validation of the Turkish Version of Evidence-Based Practice Questionnaire

Ayten Zaybak, PhD

Associate Professor, Ege University, Faculty of Nursing, Department of Basic Nursing, Izmir, Turkey

Ulku Yapucu Gunes, PhD

Associate Professor, Ege University, Faculty of Nursing, Department of Basic Nursing, Izmir, Turkey

Yurdanur Dikmen, PhD

Associate Professor, Sakarya University, School of Health, Department of Basic Nursing, Sakarya, Turkey

Gulsah Gurol Arslan, PhD

Assistant Professor, Dokuz Eylul University, Faculty of Nursing, Department of Basic Nursing, Izmir, Turkey

Correspondence: Ulku Yapucu Gunes, Associate Professor, Ege University, Faculty of Nursing, Department of Basic Nursing, Izmir, Turkey E-mail: ulkugunes@yahoo.com

Abstract

Aim: The study aims to investigate the psychometric properties of the Turkish version of Evidence-Based Practice Questionnaire.

Methods: This study has a methodological design. The study sample comprised 123 nurses from a university hospital in Manisa. The original version of the Evidence-Based Practice (EBP) Questionnaire adapted into Turkish was tested for internal consistency, content validity and construct validity.

Results: Internal consistencies exist for the Turkish version of the Evidence-Based Practice (EBP) Questionnaire. Cronbach alpha value was 0.93 for the practice of EBP subscale, 0.80 for the attitude towards EBP subscale and 0.94 for the knowledge / skills associated with EBP subscale. Test-retest correlation coefficients for the practice, attitude, and knowledge/skill subscales were calculated as 0.96, 0.94 and 0.97 respectively. In order to obtain additional evidence for the validity of the three-factor structure of the EBPQ determined by the Exploratory Factor Analysis (EFA), Confirmatory Factor Analysis (CFA) was conducted on its 24-item structure. The CFA results obtained in this present study support that the three-factor structure obtained in this scale has an acceptable model in terms of the fit criteria.

Conclusion: This scale may have value in discrimination between implementation of EBP among nurses with different education levels.

Key words: Evidence-Based Practice Questionnaire, attitude, knowledge, skill, nursing, validity and reliability