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**DEVELOPMENT OF ETHICAL PRINCIPLES IN THE
NURSING PROFESSION; VALIDITY AND
RELIABILITY STUDY**

BEDRIYE YUCE

0000-0001-5513-1823

BURSA ULUDAG UNIVERSITY

GRADUATE SCHOOL OF HEALTH SCIENCES

NURSING DEPARTMENT

MSc PROGRAM

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SUPERVISOR

DOÇ.DR.AYSEL ÖZDEMİR
0000-0002-0815-9505
BURSA ULUDAĞ UNIVERSITY
GRADUATE SCHOOL OF HEALTH SCIENCES
PUBLIC HEALTH NURSING DEPARTMENT
BURSA – TÜRKİYE



KEY WORDS (at least 5 words)

- ✓ NURSING
- ✓ ETHICS
- ✓ SCALE
- ✓ VALIDITY
- ✓ RELIABILITY

CONTACT

E-MAIL:
bedriyekale@gmail.com

THESIS SUPERVISOR

TELEPHONE:
0224-2942472

E-MAIL:
ayozdemir@uludag.edu.tr
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THESIS ABSTRACT

DEVELOPMENT OF ETHICAL PRINCIPLES IN THE NURSING PROFESSION; VALIDITY AND RELIABILITY STUDY

The aim of this study is to develop a valid and reliable measurement tool to determine the level of awareness of nurses about ethical problems, ethical dilemmas and ethical violations that they may encounter throughout their professional lives. The research is a methodological study. It was conducted on 15.04.2022 (May, June, July) with the participation of 453 nurses at SBU Bursa Yüksek İhtisas Training and Research Hospital. The data were collected using the Sociodemographic Information Form and the 58-item draft scale prepared in 5-point Likert type. IBM SPSS 22.0 and AMOS package program were used in the analysis of the data. Whether the data were normally distributed or not was evaluated by means of distribution measures such as histogram, Q-Q plot, box-plot graphs, skewness and kurtosis coefficient of variation, as well as normality tests. Kendall's W good fit analysis was used in the content validity analysis. Scale sub-dimensions were determined by Exploratory and Confirmatory Factor Analysis; Reliability Cronbach's Alpha Coefficient and Pearson Product-Moment Correlation were used for Item Total Score Analysis. The differences between the total scores of the HMEIS and its sub-dimensions were compared with each other in terms of other characteristics with One-Way Analysis of Variance (ANOVA) and Independent Groups T-Test. According to the Confirmatory Factor Analysis, it was determined that the structural equation modeling results (Structural Equation Modeling Results) of the HMEIS were significant at the $p \leq 0.001$ level and were associated with the scale structure with 27 items and 4 factors. The Kaiser-Meyer-Olkin coefficient (KMO) value of the HMEIO was 0.95, Bartlett's Test of Sphericity Approx. The Chi-Square value was found to be 6953.231 and $p \leq 0.001$ as significant. Scope Validity Index (CGI) range of the scale was 0.92-1.00; factor loads 0.452-0.8070, item total correlations $p < 0.05$, and Cronbach Alpha reliability coefficients of sub-dimensions (Moral Thinking: 0.94; Virtuousness: 0.89; Duty Consciousness: 0.74; Professional Obligation: 0, 63) the overall score of the scale is 0.95, with high reliability. According to the results of the first level multi-factor analysis, the HMEIE Goodness of Fit index was found to be: χ^2 (Cmin/df) = 2.584 \leq 3, RMSEA = 0.059 \leq 0.08, CFI = 0.925 \geq 0.90,

RMR=0.041 \leq 0.05, and it was determined that the model showed statistical agreement ($p\leq 0.001$).

As a result, it has been shown that HMEIFÖ is a valid and reliable measurement tool in determining nurses' awareness of professional ethical principles.

Keywords: Nursing, Ethics, Scale

APPLICATION AREAS OF THE THESIS RESULTS

IT HAS BEEN DEVELOPED TO BE USED IN SCIENTIFIC STUDIES IN THE FIELD OF NURSING.

ACADEMIC ACTIVITIES
