Psychometric Properties of the Transition Shock Scale for Newly Graduated Nurses

Eun-Young Kim, PhD, MPH, RN
Dept. of Nursing, Dong-A University, Busan, Korea, Republic of (South)

Background: Transition shock is defined the difficulty that newly graduated nurse experience during transition from student to nurse.

Purpose: The purpose of this study was to evaluate psychometric properties and discriminant ability of the Transition Shock Scale for Newly Graduated Nurses developed by Kim et al. (2017).

Methods: This study used a psychometric evaluation. Survey data were collected from 317 newly graduated nurses in 5 hospitals in South Korea. Data were analyzed using descriptive statistics, Pearson correlation, paired t-test, receiver operating characteristics (ROC) curve.

Results: To test concurrent validity, we used Pearson correlation analysis to analyze the correlation of the Transition Shock Scale for Newly Graduated Nurses with Environmental Reality Shock-Related Issues and Concerns instrument (Kramer et al., 2013). The result of the correlation analysis between the Transition Shock Scale for Newly Graduated Nurses and Environmental Reality Shock-Related Issues and Concerns instrument indicated that the Transition Shock Scale for Newly Graduated Nurses was positively correlated with Environmental Reality Shock-Related Issues and Concerns instrument (r = .71, p < .001). With respect to the relationship between the Transition Shock Scale for Newly Graduated Nurses and turnover intention, the results indicated that the difference between the mean scores of nurses who intended to leave their job and those who did not was significant (t = 10.05, p < .001). Thus, these findings suggest there is good criterion validity for the Transition Shock Scale for Newly Graduated Nurses. Discriminant validity showed a significant difference in degree of transition shock experienced by newly graduated nurses at 4 months (2.79±0.50) and 8 months (2.17±0.49) post hire (t = 10.13, p < .001). ROC curve analysis showed area under ROC was .85 (95% CI: .79-.90, p<.001)) and identified the optimal cut-off point as 3.0 (sensitivity 79.7%, Specificity 78.2%).

Conclusion: We confirmed that the Transition Shock Scale for Newly Graduated Nurses has satisfactory validity and usefulness to measure the transition shock of newly graduated nurses in South Korea. Our findings indicate that the Transition Shock Scale for Newly Graduated Nurses is a valuable tool for use in nursing practice and research to assess the transition shock of newly graduated nurses. Given the importance of retaining newly graduated nurses in their jobs and the profession, this use of this scale can provide insights to guide the development and tailoring of interventions that are more specific to their concerns.

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References:


**Abstract Summary:**
The purpose of this study was to evaluate psychometric properties and discriminant ability of the Transition Shock Scale for Newly Graduated Nurses developed by Kim et al. (2017). Transition Shock Scale for Newly Graduated Nurses has satisfactory validity and usefulness to measure the transition shock of newly graduated nurses.

**Content Outline:**
**Background:** Definition of transition shock

**Purpose:** The purpose of this study

**Methods:** Study design, data collection, data analysis

**Results:** concurrent validity, criterion validity, Discriminant validity

**Conclusion:** implication

First Primary Presenting Author

**Primary Presenting Author**

Eun-Young Kim, PhD, MPH, RN
Dong-A University
Dept. of Nursing
Professor
Busan
Korea, Republic of (South)

**Author Summary:** Dr. Kim is a highly qualified researcher and professor in the area of nursing management. As an enthusiastic scholar, Dr. Kim has participated in various research projects and presented the outcomes at many international journals and conferences. She also has a lot of experience in teaching nursing management in undergraduate and graduate programs. She is always ready to share her knowledge and discuss her projects.