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Evaluation of the psychometric properties of the ethics in nursing profession indicators

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Evaluation of the psychometric properties of the ethics in nursing profession indicators is crucial to apply for appraisal and campaign to reduce undesirable moral behaviors for Thai nurses. This research project had principal objective to subject the ethics in nursing profession indicators to construct validity and reliability tests. The sample comprised 1,000 professional nurses working at hospitals in six regions (the central, northern, northeast, east, west and southern) of Thailand. Proportional quota sampling was applied to recruit the study sample. Data were collected through the Ethics in Nursing Profession Questionnaire. The construct validity and reliability was tested by Lisrel's second-order confirmatory factor analysis program. Based on this research project, five primary and thirty-eight secondary indicators were tested. A quality test on all these indicators revealed that the five primary and thirty-eight secondary indicators of the ethics in nursing profession measurement model exhibited construct validity. The five primary and thirty-eight secondary indicators showed a significant factor loading values of $p < 0.01$. In addition, the five primary indicators displayed high standardized factor loading values (0.80-0.92) and also the thirty-eight secondary indicators showed moderate to high construct reliabilities ($R^2 = 37\%-85\%$). The primary indicator identified with the highest importance weight was practice of maintenance of the honor and respectability of the profession followed by practice of citizenship and profession, practice of nursing care towards patients, practice towards health care professionals and practice of research respectively. Based on the findings, application of the indicators in this study is to the appraisal of maintaining moral behaviors in order to reduce undesirable outcomes in nursing profession.

Biography

Pisamai Orathai has completed her Doctor of Philosophy Degree from Faculty of Education, Chulalongkorn University, Thailand in 2006. Her field of study was educational research methodology. She is currently the Lecturer at Ramathibodi School of Nursing, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand. She has been serving as a Statistician Consultant of *Pacific Rim International Journal of Nursing Research* since 2013.

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