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Cross-cultural adaptation and validation of the Chinese CARE Scale of caring nurse–patient interaction competence

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Nurse–patient interaction is a critical factor for improving nursing care quality. The CNPI scale was recently developed for assessing the educational training outcomes of nursing students. However, there has been no relevant validated instrument for assessing CNPI competence applied in clinical practices yet. The study adapted and validated the Chinese CNPI scale; the results can serve as a basis for improving the quality of clinical patient care. This study verified the construct reliability and validity of the Chinese version of the CARE scale, which can be used to determine clinical nurses' CNPI (Caring Nurse–Patient Interaction) competence. Psychometric analysis of the four major constructs Chinese CARE scale was conducted on a sample of 356 nurses from a medical center in Taiwan. Item analysis and explorative factor analysis were adopted to extract the main components, both the internal consistency and correlation coefficients were used to examine reliability, and a confirmatory factor analysis was adopted to verify the construct validity. The results of the goodness-of-fit of the model were fit well (0.91), all standardized factor loadings for each construct ranged from 0.73 to 0.95, the reliability and validity of this instrument was favorable, and the extracted 12 items could explain 95.9% of the measured content of the Chinese CARE scale. The results serve as empirical evidence regarding the reliability and validity of the Chinese CARE scale. Future research will focus on verifying the correlation between external validity and patient satisfaction. Clinical research can examine the scores of nurses on the Chinese CARE scale for elevating CNPI confidence and improving inpatient satisfaction and quality of care.

Biography

Hui-Chun Chung has completed her master of nursing from Tzu Chi University and still in PhD studies at Institute of Medical Sciences. She is also the vice director of department of nursing in TzuChi general hospital, incharge the nursing administration. She has published a little papers in journals and has been serving as an editorial board member of TzuChi nursing journal.

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