## Sigma's 29th International Nursing Research Congress

The Influence of Transcultural Nursing Course on Multicultural Caring Competence in Taiwanese Nursing Students

## I-Chen Lu, PhD, RN

Department of Nursing, Chung-Hwa University of Medical Technology, Tainan city, Taiwan

## Purpose:

More and more women from South-east Asia who married Taiwanese men are living in Taiwan. These foreign spouses are starting the transformation of Taiwan into a multicultural society. Nursing students have to improve the multicultural caring competence in order to provide good nursing care quality for foreign spouses. Previous study showed nurses had a middle level of multicultural caring competence and suggested to provide a multifaceted cultural nursing course as part of nursing education for nursing students. The purpose of this quasi- experimental study was to assess the effect of a course of transcultural nursing on the change of multicultural caring competence in nursing students in Taiwan.

#### Methods:

A quasi- experimental study design was applied. A total of 126 eligible nursing students were assigned to group course of trans-cultural nursing (experimental group) and control group. Students assigned to experimental group received the intervention program (course of trans-cultural nursing) which contained 16-weeks sections including history, theory and practice of cross-cultural nursing, the influence of stereotype, culturally competent assessment and communication, and management and coordination of cultural conflict, while controlled group did not receive any intervention. All participants completed the consent forms and the questionnaires. A demographic questionnaire and the Nurses' Multicultural Caring Competence Scale were used to collect data. Data were analyzed by utilizing the SPSS Version 22.0 for Windows including descriptive statistical techniques and T-test.

## Results:

126 students in total (65 in the intervention group and 61 in the control group) were recruited in this study. The result revealed course of trans-cultural nursing was effective for significantly increasing multicultural caring competence ( $92.66 \pm 17.00 \rightarrow 125.47 \pm 15.64$ ) (T= 20.66, p = 0.000). Multicultural caring competence included four dimensions which were cultural consciousness, cultural knowledge, cultural acumen and cultural skills. The four dimensions were all enhanced in this guasi- experimental study.

#### **Conclusion:**

The results showed the effectiveness of course of trans-cultural nursing on increasing multicultural caring competence in nursing students in Taiwan. The findings can be used in the future to make a better design of trans-cultural nursing course content in nursing college to help nursing students to improve multicultural caring competence and to enhance trans-cultural nursing quality for clinical practice. The evidence- based research method can be utilized in other countries to develop appropriate course content for trans-cultural nursing.

Title:			

The Influence of Transcultural Nursing Course on Multicultural Caring Competence in Taiwanese Nursing Students

## **Keywords:**

multicultural caring competence, nursing students and trans-cultural nursing course

#### References:

Chang, H.Y., Yang, Y. M., & Kuo, Y. L., (2013). Cultural sensitivity and related factors among community health nurses. *The Journal of Nursing Research*, 21(1), 67-73.

Hemberg, J. A.V., Vilander, S. (2017). Cultural and communicative competence in the caring relationship with patients from another culture. *Scandinavian Journal of Caring Sciences*, 31(4): 822-829.

Desani da Costa, G., Almeida Souza, R., Hitomi Yamashita, C., Ferreira Pinheiro, J. C., Martins Alvarenga, M., and de Campos Oliveira, M., (2015). Evaluation of professional knowledge and attitudes on dementia patient care: a trans-cultural adaptation of an evaluation instrument. *Revista da Escola de Enfermagem da USP*, 49(2): 296-306.

Kellett, P., Fitton, C., (2017). Supporting transvisibility and gender diversity in nursing practice and education: embracing cultural safety. *Nursing Inquiry*, *24*(1), 8-14.

Coakley, T. M., Gruber, K. (2015). Cultural Receptivity among Foster Parents: Implications for Quality Transcultural Parenting. *Social Work Research*, *39*(1): 11-21.

# **Abstract Summary:**

The target audience of this presentation is nursing educators who are interested in evidence-based course design, especially for transcultural nursing course. The audience will learn the effect of transcultural nursing course on the change of Taiwanese students' multicultural caring competence, and utilize the findings to develop better course contents.

## **Content Outline:**

- I. Introduction
- A. Nursing students have to improve the multicultural caring competence in order to provide good nursing care quality for foreign spouses in Taiwan.
- B. Previous study showed nurses had a middle level of multicultural caring competence and suggested to provide a multifaceted cultural nursing course as part of nursing education for nursing students.
- II. Body

A. purpose

The purpose of this quasi- experimental study was to assess the effect of a course of trans-cultural nursing on the change of multicultural caring competence in nursing students in Taiwan.

## B. methods

- 1. A quasi- experimental study design was applied.
- 2. A total of 126 eligible nursing students were recruited.
- 3. Students assigned to experimental group received the intervention program (course of trans-cultural nursing).
  - 4. The controlled group did not receive any intervention.
- 5. All participants completed a demographic questionnaire and the Nurses' Multicultural Caring Competence Scale.
- 6. Data were analyzed by utilizing the SPSS Version 22.0 for Windows including descriptive statistical techniques and T-test.
  - C. Results
- 1. The result revealed course of trans-cultural nursing was effective for significantly increasing multicultural caring competence.
  - 2. All four dimensions of multicultural caring competence were enhanced in this study.

#### III. Conclusion

- A. The results showed the effectiveness of course of trans-cultural nursing on increasing multicultural caring competence in nursing students in Taiwan.
- B. The findings can be used in the future to make a better design of trans-cultural nursing course content in nursing college.

First Primary Presenting Author

## **Primary Presenting Author**

I-Chen Lu, PhD, RN
Chung-Hwa University of Medical Technology
Department of Nursing
Associate Professor
Rende Dist.
Tainan City
Taiwan

Professional Experience: 2011-present -- Associate Professor, Chung Hwa University of Medical Technology, Department of Nursing, Tainan, Taiwan 1995-2011-- Instructor, Chung Hwa University of Medical Technology, Department of Nursing, Tainan, Taiwan 1992-1995 -- Assistant Instructor, Chung Hwa University of Medical Technology, Department of Nursing, Tainan, Taiwan 1990-1992 -- Head Nurse (Nurse Manager), National Cheng Kung University Hospital (Medical Center), Tainan, Taiwan 1988-1990 -- Assistant Instructor, National Taiwan University, Department of Nursing, Taipei, Taiwan 1987-1988 -- Assistant Instructor, National Taipei University of Nursing and Health Sciences, Department of Nursing, Taipei, Taiwan 1986-1987 -- Registered Nurse, National Taiwan University Hospital (Medical Center),

# Taipei, Taiwan

**Author Summary:** Professional education: I received a PhD degree of nursing from the University of Texas in Austin, U.S.A. in 2010. Working experience: I was a registered nurse in National Taiwan University Hospital, a nurse manager in National Cheng Kung University Hospital, and a lecturer in department of nursing at Chung Hwa University of Medical Technology. Current position: I am an associate professor currently in Department of Nursing at Chung Hwa University of Medical Technology.