

Title:

Evaluation of an Intervention to Introduce Intermediate Nursing Simulation in India

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Session Title:

Rising Stars of Research and Scholarship Invited Student Poster Session 1

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References:

Ahn, H., & Kim, H. (2015). Implementation and outcome evaluation of high-fidelity simulation scenarios to integrate cognitive and psychomotor skills for Korean nursing students. *Nurse Education Today*, 35(5), 706-711. doi:10.1016/j.nedt.2015.01.021
 Shin, H., & Kim, M. J. (2014). Evaluation of an Integrated Simulation Courseware in a Pediatric Nursing Practicum. *Journal of Nursing Education*, 53(10), 589-594. doi:10.3928/01484834-20140922-05

Abstract Summary:

Simulation education gives nursing students the ability to demonstrate knowledge and skills in a clinical setting while building self-confidence in clinical decision-making skills (Ahn, et. al, 2015). Simulation is a new educational concept in India. It is important to evaluate simulation scenarios for effectiveness, particularly in settings where simulation is new.

Learning Activity:

LEARNING OBJECTIVES	EXPANDED CONTENT OUTLINE
The learner will be able to synthesize the evidence on evaluating simulation scenarios in an international setting.	1. Importance and benefits of nursing simulation 2. Examples of international simulation education 3. Possible barriers to effective simulation education 4. Method for evaluating simulation scenarios
The learner will be able to illustrate the positive impact of simulation education in nursing education.	1. Current teaching methods used in nursing education in India 2. Improvements made by the use of simulation education

Abstract Text:

ABSTRACT FOR EVALUATION OF AN INTERVENTION TO INTRODUCE INTERMEDIATE NURSING SIMULATION IN INDIA

Background: Simulation education gives nursing students the ability to demonstrate knowledge and skills in a clinical setting while building self-confidence in clinical decision-making skills (Ahn, et. al, 2015). Simulation is a new educational concept in India. Based on previous studies which incorporated simulation into nursing education in Korea and the US, this study demonstrates an improvement in nursing education through simulation in India as well. It is important to evaluate simulation scenarios for effectiveness, particularly in settings where simulation is new. In this study, a Simulation Design Scale will be used to quantify the effectiveness of the simulation experience, including improvement in problem-solving and reflection of the decision-making process.

Purpose: To evaluate a nursing simulation scenario using intermediate fidelity simulation equipment in India.

Methods: A quantitative descriptive study will be performed. Nursing students in India participating in an intermediate fidelity nursing simulation will complete the Simulation Design Scale (NLN, 2005) to evaluate a scenario using intermediate fidelity simulation equipment. This study measures problem-solving, support, and fidelity among other factors to evaluate the effectiveness of the simulation. This questionnaire will be administered to nursing students in India and will provide a quantifiable value for the quality of the simulation.

Results: The study will be conducted in July of 2016 and results will be presented in the poster presentation at the Sigma Theta Tau International Leadership Conference.

Discussion: The evaluation of the implementation of simulation education will provide the opportunity to assess the impact of simulation in nursing education in India, where simulation in nursing education is just emerging. In expanding the scope of simulation education to India, the international community will gain perspective on the use of simulation in nursing education and its effects on nursing knowledge, skills, and confidence in training nursing students.