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Investigate the effectiveness of using videos in supporting undergraduate nursing students' skills lab: An experimental study

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Statement of the Problem: Nursing practice and nursing education face many challenges nowadays. Shortages of resources exist in the area of faculty, clinical educators, and clinical placements (Felix, Faro & Dias 2011). In recent decades, the use of information and communication technologies (ICT) for educational purposes has increased (Abdelaziz M. et al, 2011; Radović-Marković, M. 2010). Audio and video productions are used to enhance student-learning outcomes and increase student satisfaction in higher education. Nursing care of children and their families course includes basic procedures that are needed to provide safe nursing care of hospitalized children before starting the hospital clinical training. Recording all procedures and downloaded in the blackboard system is considering. Evidence of how effective educational material delivered to enhance undergraduate clinical practice through e-learning is lacking and empirical research is needed.

Aim: This study aimed to investigate the effectiveness of using videos in supporting undergraduate nursing students' skills lab: an experimental study.

Methodology: The study was conducted at King Saud Bin Abdulaziz University for Health Science – College of Nursing – Jeddah. Fifty nine students who registered for Nursing Care of Children and Their Families course, fall semester, academic year 2017-18 were included. An experimental design was used. Randomization was achieved by random selection of the participants to be either in experimental or control group. The students of control group were observed the demonstration of two procedures by Clinical Teaching Assistant (CTA) and they re-demonstrated. The students of experimental group were asked to go to the computer lab and watching the videos of the same two procedures while keeping record about frequency of watching the videos. The procedures were practiced as competency using procedure checklist by all students from both groups.

Biography

Hend Abdu Al Najjar is an Assistant professor and Associate Dean of Academic & Student Affairs at the College of Nursing - King Saud bin Abdulaziz University for Health Science Jeddah, Saudi Arabia from 2013 till present. She has also held the position of Assistant Dean Clinical Affairs for a period of 18 months. She graduated with a Masters and PhD in Philosophy Nursing from Manchester University, in the United Kingdom. She is currently engaged in masters in medical education at King Saud bin Abdul Aziz University. Her previous work experience involves working as a NICU and Clinical Resource Nurse within the Neonatal ICU for more than seven years. In addition to this, she was instrumental in the development of the first Neonatal Intensive Care Unit diploma for the Saudi health commission. Her other academic activities includes membership in Eight committees which includes the Research Committee for both faculty and students; Community Services Committee, College Council Committee and Quality assurance committee. Her niche areas of research include Evidenced Based Nursing.; Family Centred Care; Simulation and Debriefing; Paediatric and Health promotion, Neonatal care, Nursing Care of Children and their Families And Family Health And Child Protection. In addition, she has presented her research extensively both nationally and internationally.

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