

## Abstract

RESEARCH PAPER: Simulation with Computerized Patient Models: Perceptions of Faculty and Associate Nursing Students

STUDENT: Judy Corey

DEGREE: Masters of Science in Nursing

COLLEGE: College of Applied Sciences & Technology

DATE: May, 2010

Advanced technology, lack of clinical placement opportunities for students, and need for patient safety have increased usage of computerized patient simulators in schools of nursing. The purpose of this study is to replicate Fiengold, Calaluce, and Kallen's 2004 research to evaluate student and faculty perception of simulated clinical scenarios when using computerized patient simulators. Specific areas evaluated are related to reality of simulation, transferability of learning in simulation to actual clinical settings, and the value of clinical simulations. The sample population will be students enrolled in an associate nursing program who will use SimMan as part of their educational preparation and the faculty that provide the experience with clinical simulations. Sixty students and six faculty will complete satisfaction surveys. This survey was developed by Fiengold et al (2004) by drafting a tool described in literature. Students will be surveyed on a 20-item tool with a 4-point Likert scale. Faculty will be surveyed on a 17 item tool with a 4-point Likert scale. Findings will contribute additional data for review concerning the usefulness of computerized patient simulation for realism, transferability, and value.