

BILBAO SPAIN

Carol Anne Motycka



Bio

Dr. Carol Motycka graduated from the University of Florida with her Pharm.D. and completed a residency in Ambulatory Care at Florida Hospital in Orlando. After practicing at Florida Hospital for several years, Dr. Motycka joined the University of Florida to help build the College of Pharmacy program in Jacksonville. She has completed fellowships in both leadership and education and has been published in multiple academic and clinical journals. Dr. Motycka has provided over 100 presentations in the field, with a particular focus on interprofessional education, simulation, and teamwork. As Assistant Dean of the University of Florida College of Pharmacy Jacksonville Campus, Dr. Carol Motycka spends her time teaching, completing research, advising, and administration.

Abstract

Methods: The purpose of our simulation project was to 1) enhance teamwork skills of pharmacy, nursing and medical students, and 2) promote a positive attitude toward interprofessional teamwork using simulated medication management scenarios. This project incorporated a number of innovative education strategies, including, 1) the use of simulation, 2) the use of case-based scenarios that integrate TeamSTEPPS® competencies, and 3) an interprofessional approach to education. Framed by TeamSTEPPS® (an evidence based program promoting collaboration and communication), students are provided a one hour orientation about team work and communication essentials and then assigned to interprofessional groups of students. Groups rotate through four medication error scenarios requiring decision-making to prevent patient deterioration. A pre/post design measured changes in attitudes toward team-based competencies and skills using the Teamwork Attitudes Questionnaire (developed by the Agency for Healthcare Research and Quality (AHRQ)).

Results: Findings indicate significant improvement was seen across all 5 constructs of the TTAQ. The most significant changes were seen in the communication and situation monitoring constructs ($p < .001$).

Conclusions: Working collaboratively in a team while being exposed to a series of medication management scenarios not only improved performance, but enhanced teamwork attitudes.

