

Poster Session IV
Poster #6

Evaluation of CSI (Clinical Safety Investigation): Through Virtual Patient Safety Rounds

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Purpose: to evaluate the effectiveness of a video-based, educational program in advancing nursing students' didactic and affective knowledge of patient safety and clinical judgment abilities.

Theoretical Framework and Background: Patient safety education and adherence to the National Patient Safety Goals are key components of quality patient care cultures. Unfortunately, student nurses often have difficulty in identifying or implementing of the essential components of patient safety. An evidence-based patient safety curriculum rooted in social learning theory was designed. CSI (Clinical Safety Investigation): Through Virtual Patient Safety Rounds has two components: 1) 12 brief video vignettes that depict obvious and subtle patient safety errors, and 2) a web-based standardized curricula designed to promote didactic and affective learning and clinical judgment. This study is evaluating its effectiveness.

Methods: This study uses a nonequivalent group design and a student nurse sample (N=96) rotating through a major medical center. Those in Phase I complete pretest materials prior to orientation, complete standard institutional patient safety lecture-based training, and after the rotation, complete a posttest for didactic learning, the Lasater Clinical Judgment Rubric tool, and ability to describe safety concerns they noted and actions they undertook. The same procedures are used in Phase II, but the online patient safety training will replace the standard format. Focus groups of Phase II participants will be conducted to evaluate the appeal/appropriateness of the online program. Descriptive statistics, dependent t-tests for within group (pre-posttest) analyses, independent t-tests for between group analyses, and MANCOVA for subgroup analyses for didactic learning and critical thinking will be conducted. Thematic comparative analysis will be used for exemplar and focus group data.

Results: Pending

Conclusions and Implications: This online education program has the potential to improve undergraduate students' knowledge of patient safety and embrace a culture of safety, thus creating a synergy between education and meaningful practice.