

Assessing Undergraduate Nursing Student's Confidence Utilizing Simulated Bedside Shift Report

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PICO

Does simulation training for bedside shift report increase the confidence levels of undergraduate nursing students?

Purpose

The purpose of this quality improvement project is to use simulation training for bedside shift reporting with undergraduate nursing students to increase their confidence levels.

Background

- Joint Commission Center for Transforming Healthcare Estimated 80% of medical errors result from faulty communication when patients are "handed off"
- No current standardized or validated methods for teaching student nurses these skills
- High anxiety and lack of confidence hinders handover reporting techniques.
- Simulation training ensures participants receive the same content and allows opportunity to practice in a safe environment.

Theoretical Framework

Situated Learning Theory Jean Lave

- Learning is unintentional, occurs within an activity, content, and culture
- Social interaction and collaboration are essential

Self-efficacy Theory Albert Bandura

- Efficacy is ones belief in ones ability to succeed
- Essential component to accomplishing our confidence that we can or can not

Lesson Plan

Learning Objectives

1. Identify importance of patient safety, teamwork, and collaboration
2. Differentiate between good and poor communication for bedside shift report
3. Recognize the impact of healthcare errors caused by poor communication
4. Evaluate effectiveness of organized shift handoff in providing safe competent nursing care

Outline

- A. Handout pre-survey
- B. Review SBAR
 1. What does it stand for
 2. What is it used for
 3. Why is it important
- C. PowerPoint with YouTube video
- D. Bedside shift report simulation
- E. Role-play through simulation
- F. Debriefing

Smart Objectives

Smart Objective #1

Develop a survey to assess the confidence level providing bedside shift report of undergraduate level II nursing students entering the fall semester 2018

Plan

- Literature review to increase confidence of undergraduate nursing students providing bedside shift report
- Contact NC II faculty discussing possibility of simulated bedside shift report
- Schedule dates for simulation experience

Do

- Create survey assessing confidence level of undergraduate nursing students
- Discuss survey items with faculty and stakeholders
- Develop lesson plan for SBAR bedside shift report
- Meet with NC II faculty to discuss learning activity

Study

- Review feedback from NC II faculty
- Revise survey questions based on recommendations

Act

- Revise lesson plan and documents for SBAR bedside shift report
- Review revisions with faculty
- Give survey to voluntary participants
- Present results at Provost Colloquium December 5, 2018

Smart Objective #2

During fall 2018, 85% of undergraduate nursing level II students will report increased confidence in providing bedside shift report in a simulated environment

Plan

- Provide education to undergraduate students about competent bedside shift report

Do

- Create PowerPoint about importance of competent bedside shift report
- Create SBAR bedside report simulation activity
- Attend 4 different simulation days providing scenario
- Pre/post survey
- Have students participate in simulated bedside shift report
- Conduct debriefing session

Study

- Analyze results from pre/post survey
- Evaluate student responses to bedside shift report

Act

- Evaluate the outcomes of survey
- Determine changes needed in simulation based off of student surveys
- Present results at Provost Colloquium December 5, 2018

Recommendations

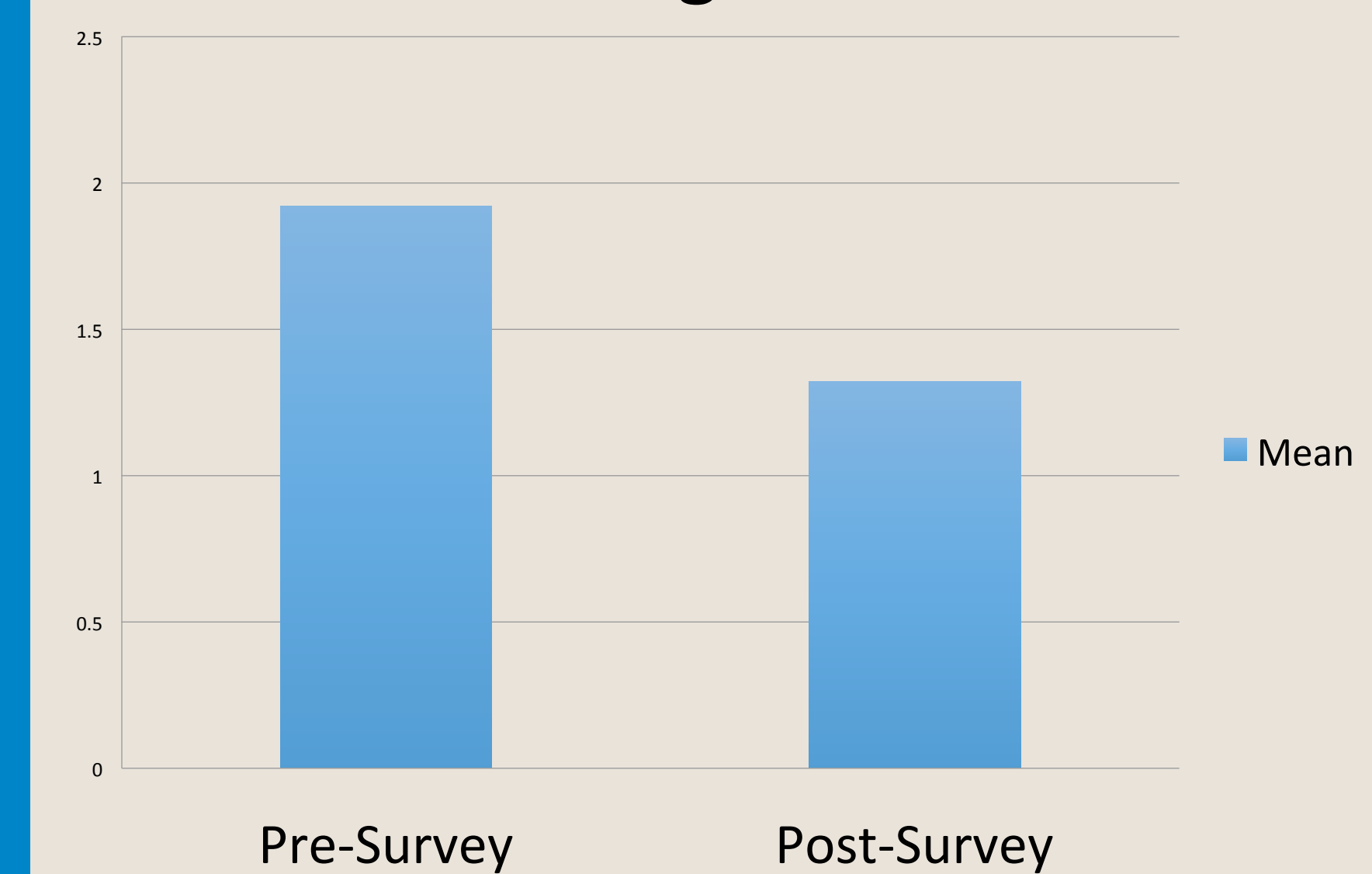
- Incorporate bedside shift report, with the use of the SBAR tool, during all simulation activities.
- Encourage nurse educators to utilize the SBAR tool while teaching students to organize and prepare for bedside shift report.

Results

- 22 participants
- Results obtained using a Paired T Test method
- The average pre and post scores have a p value of <0.0001 indicating statistically significant results

It was found that 268% of undergraduate nursing students said they strongly agreed feeling confident when delivering bedside shift report to a peer after participating in a simulated environment.

Average Score



I feel confident when delivering bedside shift report to a peer

