Instructional Design Project: Patient Safety and Quality Improvement
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Teachers of Quality Academy
Medical Education Day
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Rationale for Project

- Gaps in interprofessional education curricula
  (IOM, 2011; NLN, 2013; LCME, 2013)
- Communication and teamwork essential
  (Baggs et al., 1999)
- Physician-nurse transition to practice
  (Bujak & Bartholomew, 2011)
- Patient-centered care based on quality & safety
  (Cronenwett et al., 2007)
A Medical Education Project: A Systems Approach Module on Collaboration

- Introduction
- Quality Improvement
- Teamwork in Health Care
- An Exercise on Collaboration
**Methods/Description**

**Educational Strategy**

- **Lesson 1:**
  - Face to Face
  - Flip the Classroom
  - VARK Self-Assessment
  - Pre-Assessment Survey

- **Lesson 2:**
  - Self-instructional modules
  - *Group viewing “Escape Fire”*
  - Small group discussion

- **Lesson 3:**
  - Teaching by Discussion
  - SBAR

- **Lesson 4:**
  - Simulation on Communication
  - Debriefing
  - Post-Assessment Survey

**Key Participants**

- **Lesson 1, 2, 3:**
  - Medical Students
  - Nursing Students
  - BSOM Faculty
  - CON Faculty

- **Lesson 4:**
  - Medical Students
  - Nursing Students
  - BSOM Faculty – Dr. Richard Garri
  - CON Faculty
  - Simulation Staff
Outcome Measurements

- Lesson 1:
  - Determination of Learning Style
  - Focus Group
- Lesson 2:
  - Successful completion of IHI modules
  - Small Group Participation and Discussion
- Lesson 3:
  - Feedback
  - Application into simulation
- Lesson 4:
  - Pre/Post IP Team simulation Training Tool
  - Gather-Analyze-Summarize Tool
Benefits of Training

Pre-Survey

Post-Survey
Evaluation Plan

- Assessment Surveys
- Qualtrics Survey
- Qualitative Comments

“...everyone communicates differently and it is important we all learn a way to communicate with interdisciplinary teams effectively....”
Lessons Learned

- Support from both educational programs
- Student readiness to learn
- Pilot versus implementation of entire cohort
- Embed modules into the curriculum
- Planning needed in prior semester
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- M-4 Medical Students
- Senior Nursing Students
References