Utilizing clinical partnerships to provide simulation experiences to nursing students

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Acknowledgments

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Background

- Simulation in nursing education
- Safe environment for students to practice nursing skills
- Develop clinical reasoning and critical thinking skills

Purpose of Project

CNS students
- Experience and education in simulation
- Implementing simulation
- Meet CNS competencies

Pre-NCLEX student
- Integrate simulation into clinical setting
- Provide common scenarios
- Meet course competencies

Strategy for Implementation

- CNS student project
- APN preceptor expert coach
- Nursing faculty facilitator
Implementation

- Simulation project
  - Needs assessment
  - Created scenario
  - Facilitated simulation and debriefing
  - Faculty and APN present
Initial simulation scenario
- Croup with respiratory distress/failure
- High fidelity simulator used
- ‘Omni cell’ supply and medication cart
- Repeated “similar” second simulation
Results of project

- CNS competencies
  - Teaching
  - Coaching
  - Research
  - Nursing sphere of influence
  - Patient sphere of influence

- CNS student reflections
Results of project

- Pre-NCLEX students evaluation tool
  - 5 point Likert scale
  - Quality and realism of scenario
  - Value of debriefing
  - Increased knowledge of pediatric nursing
  - Improved pediatric clinical skills
  - Increased confidence
Results of project

- 12 out of 14 reported increased perceptions of simulation
- 12 out of 14 increased confidence
- 7 reported increased knowledge in care of respiratory patient
- 3 students noted importance of good communication
Limitations

- Large group size
- Time constraints
  - Limited time
  - Before lunch
- Student preparation
Future directions

- Continued collaboration between faculty and APN
- One simulation per rotation at site
- Future CNS students experience
