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Objectives

- Discuss instructor led role modeling in simulation.
- Identify the teaching and learning strategies used in instructor led role modeling.
Background

- Technology in the classroom
- Human Patient Simulation (HPS)
- Skills and Cognition
Types of Simulation Manikins

Low Fidelity Manikin

High Fidelity Manikin
High Fidelity Simulation

- Tetherless
- Wireless
- Moveable parts
Role modeling: the act of playing a role so that an observer is able to imitate those behaviors.
Methods

- Recorded scenario in the simulation center at the Capstone College of Nursing.
- Three experienced nurses played the role of students.
- Course instructor played role of doctor and patient.

- Use of iStan technology and classroom media.
Same Scenario Performed Twice

**Unorganized Scenario**
- Multiple errors
- Chaos
- Poor Communication

**Organized Scenario**
- Minimal errors
- Controlled situation
- Great communication
Group Discussions

- What went well?
- What could be done better?
- What did you see and hear?
- Open Discussion
Results

- Active student engagement
- Identification of errors
- Identification of treatments
- Reflective Learning Experience
Learning Strategies

- Inductive Learning
- Reflective Learning

Social Learning Theory
- Observation
- Imitation (copying)
- Role Models
Student Feedback

- Requested future role modeling videos
- Eagerness to participate in role modeling videos
- Assisted with learning process
Conclusion

- Role modeling in simulation...
  - Improves students’ clinical judgment
  - Improves simulation competency
  - Improves classroom interaction
  - Improves student learning
  - Uses inductive learning
Future Directions

- Future Research
  - Impact on students’ clinical judgment
  - Impact on students’ learning
  - Impact of students’ anxiety during simulation
References

Questions?