

**A New World:
Clinical Simulation**

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Disclosures

Financial

- Member of NCSB BOD
 - Past President
- Louisiana Tech University

Non-Financial

- None



History

- Revival in 1960s
- Technological increases in 1990s
- Well established history in nursing and medical schools as well as aviation



Clinical Simulation Defined (Sofer, D., 2018)

- Clinical simulation-defined by the National Council of State Boards of Nursing (NCSBN)
- "an activity or event replicating clinical practice using scenarios, high-fidelity manikins, medium-fidelity manikins, standardized patients, role playing, skills stations, and computer-based critical thinking simulations"

References: Sofer, D. (2018). The value of simulation in nursing education. *American Journal of Nursing*, Volume 118 (4), 17-18.
https://www.nursingcenter.com/journalarticle?Article_ID=4594718&Journal_ID=54030&issue_ID=4594662



The Many Faces of Simulation

- Standardized patients
- Manikins
- Task trainers
- Computer based



Typical Simulation Cycle

- Scenario
- Identify relevant elements of scenario
- Cause and effect relationships of scenario
- Analyze those relationships
- Communicate the results



Benefits

- Safety
- Feedback
- Repeatable training
- Reinforce learning objectives
- Decrease anxiety
- Promotes interprofessional education



Limitations of Clinical Simulation

- Standardized patients
- Manikins
- Task trainers
- Educator's training and knowledge of simulation



Why use in SLP/A?

- Increased barriers for student placements
- Can be used as tools to train in low incidence impairments
- Opportunities to practice skills
- Interactive and reinforce clinical judgement
 - Notice
 - Interpret
 - Respond
 - Reflect
- Pandemics
- Interprofessional education



Not all simulations are equal

- Must include diverse scenarios
- Must evaluate students' judgment
- Best practice to provide orientation, feedback, and discussion to the simulation environment
- Must be competency based (critical thinking, communication, lifelong learning, professionalism)



Council for Clinical Certification in Audiology and Speech-Language Pathology (CFCC)

- SLP
 - Apply up to 75 hours of clinical simulation toward their 400 clock hours
 - Direct interaction with client/patient
 - Reviewing/watching videos are considered guided observations
 - Minimum of 250 hours of supervised practicum with direct clinical contact
- AuD
 - Apply up to 10% of clinical practicum experience



Evidence

- Long history of use in other allied health professions
- Currently limited studies specific to our professions





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