

Simulation

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The Unfamiliar was Familiar because it had been encountered many times before

Liam Donaldson



An Example of a Simulation

The Total Experience

Simulation Defined

To pretend, I actually do the thing: I have therefore only pretended to pretend.

Jacques Derrida (1930 - 2004)



History of Simulation

- Airline Industry determined that effective simulation was essential if pilots were to be challenged in a safe environment

- Health care simulation is driven by need for quality learning and improved patient safety



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What's new in medical school simulation?



The Purpose of Simulation

- Potential to supplement dwindling resources for practice of medical skills
- Performance is enhanced through simulation
- Reduces the margin of risk in medical practice
- Enhance Team performance and behaviors
- Allows multidisciplinary teams to train in an interactive environment facing real clinical scenarios



Dimensions of Simulation

- Provision of a safe, positive, reflective and fun simulated learning environment
- Challenging, but realistic, and integrated simulated scenarios, and
- Interactive, inclusive, interprofessional patient-centered practice



Types of Simulation

Low Fidelity



High Fidelity



Rules of Simulation

- Treat the mannequin with respect. Treat the scenario as a real patient interaction. Follow quality of life, confidentiality and infection control standards
- Team learning experience in a safe-nonthreatening environment. Actively participate in the simulation and provide support and encouragement for those around you.
- What is spoken in the group stays in the group
- One person speaks at a time without interruptions
- Respect different background and styles of learning
- Each learner has equal voice and equal time.





Suspend Disbelief

We have to be able to be in the moment despite not being in a real scenario



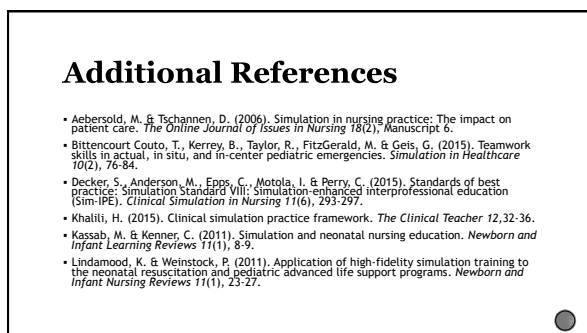
The Debrief

- Socrates said “the unexamined life is not worth living”
- Debriefing and reflection are the most critical elements of a simulation
- Safe and critically constructive feedback must be provided
- Recognize any potential bias in your self









Additional References

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