



Teaching and Learning with Simulation: An avenue for establishing and sustaining safe work environments

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Objectives



- ◇ Examine the benefits of teaching and learning with simulation
- ◇ Identify the human errors that create vulnerabilities to the care of patients
- ◇ Discuss safety behaviors and the associated human error prevention tools.
- ◇ Engage in what you can do to prevent errors and eliminate patient harm



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Reference :<http://www.laerdal.info>

Simulation in Teaching and Learning



❖ " We can no longer teach the way we were taught nor can we teach the way we were taught to teach"

(Debra Spunt, DNP, MS, RN)

❖ Complex patient environments demand highly skilled, knowledgeable *(think on your feet)* safe practitioners



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Grand Opening
CNMC Simulation Learning Center
May 6, 2008



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Simulation in Teaching and Learning

- ❖ The use of medical simulators, whether to teach safety, teamwork or the latest procedures, are becoming universal in medical and nursing teaching environments.
- ❖ Simulation facilitates learning through enactment and imitation of a condition or situation using computer driven manikins that mimic human symptoms and provide responses to caregiver actions

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Simulation in Teaching and Learning



- ❖ Simulation helps the adult learner to be self-paced, receive immediate feedback, develop critical thinking skills, provide for knowledge reinforcement and just-in time learning.
- ❖ Simulation provides an active learning environment which increases motivation to learn and enhances retention of information

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Simulation Learning



Can occur.....

- ❖ Sophisticated Simulation Centers
- ❖ Auditorium
- ❖ Bedside
- ❖ Classroom
- ❖ Anywhere.....

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Your Turn



◇ The following video will demonstrate a Simulation of a Serious Safety Event

Then.....

◇ Debriefing

◇ Feedback

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"What do you think?"



SIMULATION provides the avenue to improve

- ❖ assessment and intervention skills
- ❖ problem-solving
- ❖ critical-thinking skills
- ❖ crisis management
- ❖ interdisciplinary collaboration and communication skills
- ❖ concepts of patient safety and reflection skills



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References

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- ◇ Medley, C.F. & horne, C. Using simulation for undergraduate nursing education. *Educational Innovations* 2005, January: 44 (1)
- ◇ Introduction to Simman and Simbaby Course