

# **Improving Patient Safety Through the Use of Medical Simulation**

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## **Discussion 1- Getting Started**

- Where is your organization at with use of simulation as a teaching tool?
- What barriers do you see in implementing a simulation program?
- Where do you feel simulation best fits into the medical school curriculum?

## **Discussion 2- Patient Safety and Task Training**

- What ways are you currently using simulation to task train?
- How are students assessed for their expertise in the task?
- How/should students be tested for retention?

## **Discussion 3- Patient Safety and Core Competencies**

1. Medical knowledge
  2. Patient care
  3. Professionalism
  4. Communication and interpersonal skills
  5. Practice-based learning and improvement
  6. Systems-based practice
  7. Osteopathic Philosophy
- How can simulation help identify competent behavior?
  - Can we use simulation to produce more competent physicians?
  - What competencies are best assessed during simulation-based assessment?
  - Can simulation be used to diagnose performance problems in task training and otherwise?
  - Can simulation be an effective tool in remediating students?

#### **Discussion 4- Patient Safety and Teamwork**

- What can simulation teach students about teamwork?
- What can simulation teach students about team based strengths and weaknesses?
- What role does simulation have in leadership training?
- How do you measure leadership behaviors?

#### **Discussion 5- Simulation and Barriers to Patient Safety**

- How do you view simulation as addressing each issue?
  - Unclear values
  - Fear of punishment for errors
  - Lack of systematic analysis of mistakes
  - Complexity of the work
  - Poor teamwork.

#### **Discussion 6: What is the optimal teaching/debriefing strategy for simulation cases?**

- What makes a good facilitator?
- How do we train facilitators?

#### **Thoughts for tomorrow: Where do we go from here?**

- Does performance on simulated patients accurately reflect care provided to actual patients- how can we research this further?
- How often should practicing physicians be evaluated?
- Should simulation have a role in credentialings?
- What objective methods and measures may be used to demonstrate that simulator training actually improves patient safety?
- Can we use information from error reporting systems to improve simulation training and therefore patient safety?