Use of Simulation: Informing the Adoption of a Safe Surgical Checklist

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No conflicts of interest

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Simulation Leading to Safer Surgery

*Learners will be able to:*

1. Describe two benefits of simulation as a problem-solving tool
2. Recognize the overlap of patient safety science, process improvement and simulation as it relates to the implementation of a safe surgery checklist
3. Connect effective individual and team-based behaviors associated with the implementation of the three phases of the surgical checklist
4. Appreciate TeamSTEPPS tools paired to the safe surgery checklist
Simulation

Learning

Problem solving

“In an increasingly complex world, sometimes old questions require new answers.”
Adopting Our Safe Surgery Checklist

A BASELINE IS A MUST

92% completion 68% engagement
Benefits of Simulation

• Gives permission to experiment with no risk to patients

• Action oriented

• Honors experience of the learner

• Encourages multiple solutions

• Sets the stage to “test” the solution
Facilitator vs. Teacher

• Two rounds of simulation

• Interprofessional team

• Frontline staff expertise leveraged

• Pre-work: TeamSTEPPS® communication tools
Results

Goals
• Eliminate work arounds
• Avoid unintentional consequences

Opportunity
• Attentional behaviors vs. “autopilot”
• Deliberate & mindful behaviors
• Greater understanding of patient safety science

Solution
• Presence
• Communication scripts
• Clear roles & responsibilities
Team STEPPS Tools

• Call out

• CUS

![Image of a penguin with a SEAL! sign]

![Image of a CUS acronym with a message: "I am CONCERNED! I am UNCOMFORTABLE! This is a SAFETY ISSUE! "Stop the Line" ]
TeamSTEPPS Tools

TWO CHALLENGE RULE
Sustainability

• Consensus building
• Leaner engagement
• Team & individual accountability
• Commitment to continuous improvement
Team Attributes

• Gratitude for safe learning environment
• Recognition of challenges
• Confidence 9/10
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Q&A