Using Simulation as a Student Remediation Tool

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Objectives

• Understand when simulation is an appropriate tool for student remediation.
• Understand the formative and summative evaluation when using simulation during student remediation.
• Describe how to collaborate with clinical instructors to develop individualized student remediation plan in simulation.

Assessment for Remediation

• What skills need to be remediated?
  • Clinical skills
  • Assessment skills
  • Communication and soft skills
  • Course objectives
Frequent Remediation Needs

- Medication administration
  - Oral
  - Injection
  - Intravenous
  - PCA
- Assessment
  - Communication
  - Sterile technique

Is Simulation Appropriate?

- Does it fit to help the student learn?
- What is the end goal?
- Do we have the tools to make this work?
- Does it fit within the course and program objectives?

What Educational Strategy?

- Based on identified need from instructor and student
- Course objectives and clinical evaluation tool
- Independent vs guided practice
- Is simulation the most appropriate tool for what you are trying to accomplish?
Simulation Fidelity

- Physical
  - What devices to practice with?
    - Task simulators
    - Manikin
    - Course materials
- Psychological
- Environmental

Simulation as Remediation

- Match with the course objectives
- Formative to Summative evaluations
- Type of simulation for practice and evaluation:
  - High fidelity
  - Standardized patient

Formative Meetings

- Development of skills
- Identification of additional practice skills
- Collaborative development with course faculty
- Clearly defining needs and requirements for summative evaluation
Summative Evaluation

• Based on defined plan
• Physical, environmental, and psychological fidelity
• Evaluation tool

Evaluation

• Evaluation tool
• Feedback
  • Student
  • Instructor
• Documentation
Beyond Remediation

• Tutoring
• High stakes skills testing for clinical skills remediation

Questions/Comments