

SimWars:
The Ultimate Test of Clinical
Management, Communication and
Teamwork



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SimWars



✧ A new, innovative andragogical strategy that was designed to mirror real life intra-disciplinary teamwork in managing a patient with an acute clinical deterioration.

SimWars: Educational Rationale



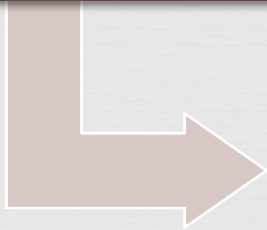
- ☞ Documented throughout the literature are the advantages and disadvantages of using high-fidelity simulation and/or standardized patients
- ☞ We combined both...and as a team-based competition
 - Recognition and appropriate treatment of medical situations is an important patient care skill
 - Team building, communication and safety

Process



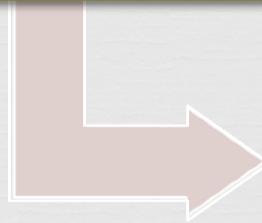
Step 1

- Preparation



Step 2

- SimWars
- Debrief



Step 3

- Evaluation

Preparation: Student Learning Objectives



- œ Medical knowledge
- œ Patient care
- œ Systems-based practice
- œ Interpersonal and communication skills
- œ Professionalism

Preparation:

Case selection



❧ Questions to Guide the Scenario:

❧ What are the signs and symptoms of sepsis?

❧ What should student do to manage sepsis?

❧ How should student interact with other team members?

❧ How should student counsel patient and family?

Preparation: Participants



- ❧ Panel Selection (multi-disciplinary experts)
 - ❧ Medical (sepsis) experts
 - ❧ Simulation experts
 - ❧ Pedagogical experts

- ❧ Preparation
 - ❧ Expert Panel
 - ❧ Students

SimWars



Unfolding Case

- Standardized patient → High fidelity simulator

Evaluating Team Performance

- Winning team based on benchmarks met

- Set triggers (medical focus)

- Expected behaviors (communication focus)

Debrief



☞ Participants

- ☞ Student Team Members

- ☞ Expert Panel

- ☞ Faculty

☞ Unfolding case debrief

Evaluation



- ❧ Did we meet our SimWars objectives?
 - ❧ Medical knowledge
 - ❧ Patient care
 - ❧ Interpersonal and communication skills
 - ❧ Professionalism
 - ❧ Systems-based practice

Lessons Learned



- ❧ Individuals
- ❧ Student Teams
- ❧ Expert Panel
- ❧ Faculty

Next Steps



- ❧ Should we do this again?
 - ❧ What could we do better next time?

- ❧ Team Strategies and Tools to Enhance Performance and Patient Safety TeamSTEPPS® (<http://teamstepps.ahrq.gov/>)

- ❧ Record Session
 - ❧ Teams to view their performance
 - ❧ Teams to view performance of other teams

- ❧ Smaller Teams
 - ❧ Define roles

Special Thanks



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Questions?

