

SIMULATIONiQ™ Enterprise

Medical Simulation in Pharmacy Education

Simulation can enhance the skill development of pharmacy students by providing high-quality experiences that may otherwise be difficult to achieve in their early professional training. Experiences may include medical emergencies such as cardiac arrest, adverse drug events, and drug error, all of which can be accurately simulated through the use of high-fidelity human patient simulators and standardized patient encounters. EMS' **SIMULATIONiQ™ Enterprise** Clinical Simulation Management solution helps pharmacy programs capture, organize, and analyze the full spectrum of their simulation efforts.



SIMULATIONiQ ENTERPRISE ENABLES

- Case/Scenario creation and management
- Checklist creation, scoring, and report generation
- Student scheduling in multiple rooms at different times
- Automatic/ad hoc scheduling of rooms and users with manual override option
- A learner portal to manage activities
- Self-evaluation and peer evaluation checklists
- Seamless integration with audio-video system
- Inventory management
- Participants to track their progress and completion of the cases and scenarios assigned to a course

BENEFITS

- Helps learners practice patient interaction
- Over-the-counter medication patient counseling
- Fosters communication and teamwork
- Facilitates confidence development for lifesaving decision-making
- Helps reduce rates of error and adverse events
- Raises the bar in pharmacy education
- Videotaped training sessions encourage development of problem solving and critical thinking skills

Smarter Simulation. Better Outcomes™

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All features & specifications subject to change without notice. 071916 v1.0

AUDIO-VIDEO

- Internet Protocol (IP) and High Definition (HD) digital audio and video capture
- Video bookmarking for debriefing and feedback
- Immediate playback of video
- Playback videos on iPad and Android devices
- Live or recorded video viewing from one or more rooms
- Integration with multiple simulators and capture simulator's vital signs and simulated events
- Automatic paging announcements
- Video and checklist view on a single screen
- Convenient, single-screen management of entire simulation center
- Automated backup process for all video recordings



ELECTRONIC HEALTH RECORD (ADD-ON)

- Create virtual patients and develop medical histories via a library of electronic forms
- Scanned images, X-rays, and documents linked to patient records
- Create a single copy of a virtual patient for multiple students to follow
- Longitudinally follow a patient through a series of simulated physician and nursing encounters
- Upload lab reports to the EHR library
- Use a virtual patient in an SP or simulation session
- Rate and score the EHR
- Includes 40+ templates of clinical documentation



PERFORMANCE REPORTS

- Reports based on individual and aggregate level performance
- Detailed Student Scores by Question, Category, Case, and Session
- Case/Scenario Statistics and Case/Scenario Detail.
- Allows Report Search by Keyword
- Export data to other statistical packages for research and analysis
- Ability to create customized reports

Item Analysis	
Y3 OSCE 2012	
Y3 Divertic 2012	
Global 3	
Patient Care- Organize and conduct medical encounter, including the use of an appropriate greeting/opening, gathering information and providing closure.	N= 113
Unacceptable	0(0.00%)
Marginal	15(13.27%)
Satisfactory	98(86.73%)
Patient Care- Demonstrate the ability to elicit an accurate and thorough medical history appropriate for the patient's reason for visit.	N= 113
Unacceptable	0(0.00%)
Marginal	11(9.73%)
Satisfactory	102(90.27%)
Patient Care- Demonstrate the ability to assess a patient's functional capacity.	N= 113

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EMS' mission is to advance the quality and efficiency of clinical care through smarter simulation, leading to better outcomes. EMS helps to build mastery around: clinical skills, collaboration, communication, and competency for improved patient safety and quality of care.