

Self-directed learning system



MicroSim

PREHOSPITAL

MicroSim is a computer based self-directed learning system for emergency medicine. The software contains modules with patient scenarios based on specific learning objectives for training in medical knowledge, problem solving and decision making in Advanced Life Support (ALS).

- Easy to use graphical user interface
- Realistic patient scenarios
- Automated intelligent debriefing
- Highly configurable system
- Competence Management System (CMS) keeps track of training and personal records



Laerdal

helping save lives

The Laerdal self-directed learning system is designed for use by all healthcare professionals, especially EMS providers, paramedics, emergency physicians, firemen and policemen. Developed in close cooperation with leading emergency paramedics, the program is designed to be used in initial and continued education. MicroSim is effectively used in conjunction with universal patient simulator manikins and traditional task trainers.

Easy-to-use Powerful User Interface

Allows intuitive access to:

- More than 160 different investigations and treatments
- A wide range of drugs
- Different defibrillators (both manual and AED)
- All common airway, breathing and circulation techniques
- Chest compression



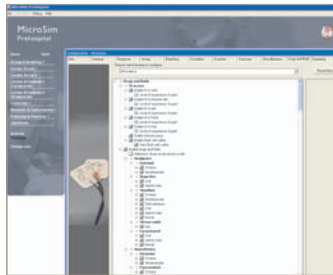
Realistic Patient Scenarios

Contains more than 50 different patient scenarios covering a wide range of acute medical emergencies, enabling the learner to rehearse advanced prehospital care.



Highly Configurable System

Laerdal MicroSim is learner centered and can be customized to fit the learners' training needs through the configuration screen. The course designer can customize the selection of investigations, interventions and drugs available during simulation.



Automated Intelligent Debriefing

The debriefing which follows a simulation session helps the learner to monitor the learning process and stimulates the development of decision making skills. The summary of the events in the scenario helps the learner to understand the results of their actions and is an aid to improving performance.



Potential Benefits

Improves training effectiveness

- Standardizes training methodology
- Simulation scenarios integrated with curriculum
- Standardizes outcome measurements
- Documents performance and improvement

Improves student's learning experience

- Pre-class use: Student arrives better prepared
- Post-class use: Reinforces classroom instruction
- Remediation
- Debriefing and scoring encourages remediation

Multi-level application

- Initial education
- Continued education
- Certification and recertification

Cost Management

- Convenient and flexible self-directed learning mode can be used outside the classroom
- Increases efficiency of instructor time
- Increases effectiveness of classroom time

Pricing

A typical MicroSim software system, custom configured with up to eight educational modules, is economically priced from approximately \$21 up to \$168 per student. Please consult your Laerdal representative for pricing of other configurations and quantity discounts.

Competence Management System



MicroSim works with the Laerdal Competence Management System (CMS), which is a software tool designed specifically for learners and educators. It enhances and helps the educational process needed to build professional competence. The system provides a central administrative link to different modes of learning, allowing effective information processing and management of learning records.

For more information, please call
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