

## Self directed learning system



MicroSim

Inhospital

MicroSim is a computer based self directed learning system. The application software modules utilize patient scenarios containing specific learning objectives for training in medical knowledge and decision making, for Advanced Life Support (ALS) and other acute medical emergencies.

- Easy to Use User Interface
- Realistic Patient Scenarios
- Automated Intelligent Debriefing
- Highly Configurable System



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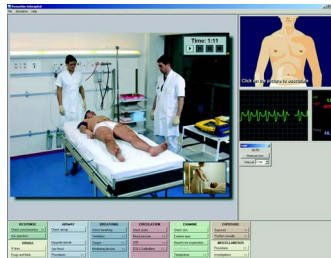
**Laerdal**  
helping save lives

The Laerdal self directed learning system is designed for use by all medical personnel, including students, nurses, physician assistants, emergency physicians and medical residents. Developed in close cooperation with leaders in emergency medicine, the program is designed to be used in primary and sustainment training. The program is effectively used in conjunction with universal patient simulator manikins and traditional task trainers.

## Easy-to-Use Powerful User Interface

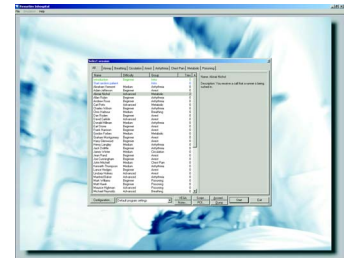
Allows intuitive access to:

- more than 160 different investigations and treatments
- a wide range of drugs
- different defibrillators (both manual and AED's)
- all common airway, breathing and circulation techniques
- chest compression



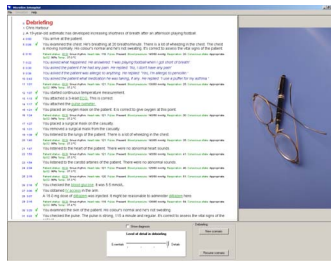
## Realistic Patient Scenarios

Contains more than 50 different patient scenarios covering a wide range of acute medical emergencies.



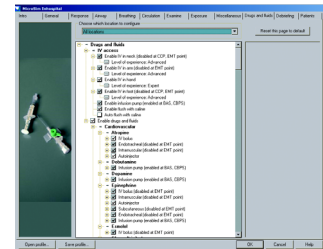
## Automated Intelligent Debriefing

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.



## Highly Configurable System

Laerdal MicroSim is learner centred and can be customised to fit the learner's training needs through the configuration screen. The course designer can custom-fit the selection of investigations, interventions and drugs available during simulation.



## Potential Educational Benefits

### Improves training effectiveness

- Standardises training methodology
- Simulation scenarios integrated with curriculum
- Standardises 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

- Primary training
- Continued education
- Certification and recertification

## Potential Economic Benefits

### 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

### Revenue Potential

- Advanced learning technology attracts new students
- Opportunity to expand training programmes

**For more information, please contact:**

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