

## Simulation for emergency care



### Resusci Anne Simulator

The simulator for critical lifesaving skills

- Educational quality through simulation training
- Cost-effective simulation for team training
- Clinical accuracy for an improved learning environment



**Laerdal**  
helping save lives

## Realistic simulation in teams



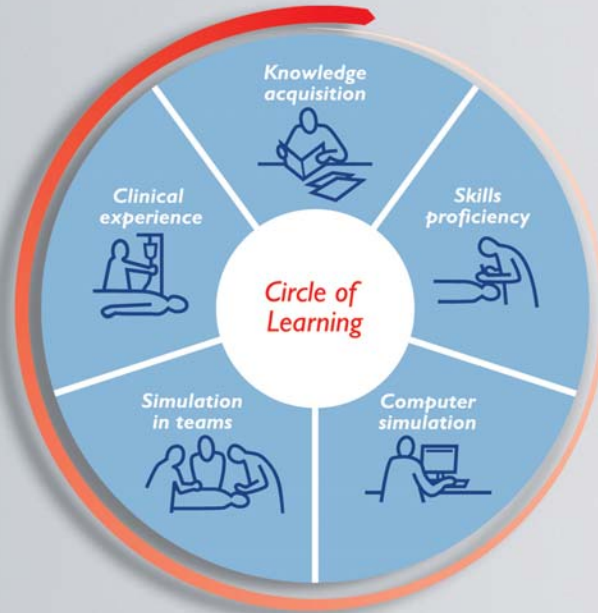
### *Simulation in teams*

In a real emergency, a good outcome for the patient depends on the realism of the rescuer's training and effective practice in teams.

A critical part of the learning process for emergency care personnel is practicing treatment in the same way it occurs in a real emergency. A patient's condition changes over time, depending on the quality and speed of treatment, so should the simulation in practice.

Simulation training is of greatest value to help people practice working together as a team. It helps improve essential communication and coordination skills and so improves effective team treatment. Simulation in teams is therefore an invaluable step in helping save lives.

improves patient safety and outcome



## *helping build competence*

Patient safety and outcome are critically dependent on the competence of healthcare personnel.

Building real competence is a step-by-step process.

It includes acquiring new knowledge and skills, getting used to making quick and safe decisions, training realistically in teams, and gaining clinical experience.

Maintaining and increasing competence is an ongoing process.

Laerdal has been offering learning products responding to evolving needs in emergency medicine ever since the introduction of Resusci Anne in 1960.

Today our range of life saving, cost-efficient learning products includes graphic source materials, innovative skills trainers, interactive computer simulators and advanced patient simulators.

This reflects our belief that helping build competence is a critical part of our mission of helping save lives.

# Resusci Anne Simulator – a real training benefit



The **Resusci Anne Simulator** is an interactive manikin that allows for effective practice of diagnosis and treatment of a patient and allowing the facilitator to remotely change the patient's physiological condition throughout a training scenario. This patient simulator includes all of the following; spontaneous breathing, airway control, voice, sounds, blood pressure and ECG.



Here are some of the many benefits of using the Resusci Anne Simulator in your training program:

**Educationally effective** for learning core clinical, communication and teamwork skills through simulation.

**Cost efficient** with traditional Resusci Anne quality and durability.

**Delivers education efficiency** by targeting the key skills specifically required for emergency situations.

**Anatomically realistic** body and airway allow the simulation of patient treatment including basic airway management, baseline vital signs assessment and CPR.

**Logistically practical** through true portability. Its unique design offers complete remote control of the simulator's vital signs, voice output, and breathing and airway functionality without the need for external wires, tubing or air compressor attachments.

**Pre-programmed learning scenarios** for rapid simulation training.

**Educational support material** provides quick orientation to case-based scenario training with the Resusci Anne Simulator. Designed with emergency care in mind, these modules contain patient scenarios based on specific learning objectives for basic pre-hospital and in-hospital medical knowledge, problem solving and decision making in a simulation team-training environment.

**High quality CPR performance** by sharpening the crucial skills necessary to perform exceptional one or two person CPR while working in teams. The instructor can monitor real-time performance indicators for compressions, ventilations and hands-off time from the remote control.

**Remote operation improves instructor scenario management** through cordless control of the patient's vital signs, spontaneous breathing and voice output capability.

# bringing simulation to life



## The Resusci Anne Simulator offers affordable

Laerdal Medical presents the Resusci Anne Simulator, a breakthrough in the field of simulation training. She is the first simulator to offer simulation training that meets or exceeds your emergency healthcare learning objectives. With airway management, vital signs, spontaneous breathing and remote control, this simulator immediately becomes the new gold standard training simulator for basic emergency medical personnel.



### **Breathes spontaneously like a real patient**

Allowing students to assess chest rise and fall without external wires, tubes or air compressor attachments.



### **Accurate heart and breath sounds**

Improve team work skills and problem resolution with the ability to check and monitor these important vital signs as part of the complete learning experience.



### **Improves proficiency in venipuncture and IV administration**

Infusible veins allow practice in site selection and preparation as well as puncture and cannulation techniques.



## Ability to realistic simulation team training

Based on the learning objectives and curriculum of various emergency medical personnel, this full-bodied simulator is the perfect training companion for hospitals, emergency medicine and military personnel, as well as educational centers. Improve your educational outcomes through the benefits of simulation team-training at an affordable price.



### **Blood Pressure Arm with automatically generated pulses**

Allows blood pressure and pulse check skills to be included in the learning process. Includes radial and brachial pulses synchronized with ECG.



### **Include defibrillation and 4 connector 3-Lead ECG to the scenario**

Refine the students' skills in live defibrillation and 4 connector 3-lead ECG monitoring during team training.



### **Laerdal PC SkillReporting System**

Is a user-friendly course administration software program that offers extensive database management capabilities for documentation and instructor-to-student performance debriefing.

# Resusci Anne Simulator's airway features

## High quality airway management education

*New and innovative material offers the most lifelike feel and anatomically correct upper airway. Complete anatomy to the vocal cords allows the users to optimize their skills in basic and intermediate airway management techniques.*



Here are some of the many benefits of the lifelike Resusci Anne airway:

### Jaw thrust maneuver

Flexible material allows realistic movement of the mandible.

### Airway obstruction device

Allows the educator to remotely close the airway to simulate an obstruction. An ideal feature during Bag-Valve-Mask ventilation training.

### Voice transmission speaker

Allows customizable scenario situations by remotely introducing pre-recorded or live voice responses\*.

### Pupil assessment

Normal, constricted and dilated eye inserts can easily be interchanged in order to customize the status of the head during training.

### Acquire skills in applying cricoid pressure (Sellick maneuver)

Students can learn how to reduce the risk of air entering the esophagus during positive-pressure ventilation.

### Automatically generated carotid pulses

Lifelike carotid pulses, synchronized with ECG and activated when palpated, offer additional realism to the training.



# Resusci Anne Simulator

Part No.	Description
150-00033	Resusci Anne Simulator CE compliant
150-00001	Resusci Anne Simulator FCC compliant

**Includes:** Airway Head, BP Arm with cuff, IV Arm, Extrication Legs, Remote Control, Educational Support Material, Software CD and USB Interface Cable, Air Pump, AC Power Cable, Full-Body Soft Case and Directions for Use



## Technical Specifications

### Airway Head

Training Techniques:

- Head tilt/chin lift and jaw thrust maneuvers
- Pupil Assessment (normal, constricted & dilated)
- Cricoid Pressure (Sellick Maneuver)
- Automatically generated Carotid Pulses synchronized with ECG
- Oropharyngeal and Nasopharyngeal Tube Insertion
- Bag-Valve-Mask Ventilation
- Laryngeal Mask Airway
- Combitube
- Laryngeal Tube Airway

\* For live voice responses from the simulator an external corded or wireless microphone required.

### General

#### Operating Temperature

0°C - 40°C at 90% relative humidity, non-condensing

#### Storage Temperature

-15°C - 50°C at 90% relative humidity, non-condensing

### Wireless Remote Control

Batteries: 4 AA type (LR6) Alkaline batteries  
Battery life: Approximately 20 hours  
LCD Display: High resolution B&W LCD display w/backlight  
Operation range: 10 m (30 ft) maximum  
Radio Frequency (RF) Communication  
Europe: 868.0 - 868.6 MHz (CE approved)  
US and other markets: 915.5 - 916.4 MHz (FCC approved)

### Resusci Anne Simulator

Batteries: 8 D-cell (LR20) Alkaline batteries  
Battery life: Approximately 40 hours  
(depending on use of torso features)

### Blood pressure accuracy

+/- 2mm Hg

### Emergency Cardiac Simulation

- Synchronized variable heart rate, rhythm, abnormalities and duration
- Defibrillation (25 -360 J)
- CPR performance details downloadable to PC software

### IV Arm

Accessible veins include median, basilic and cephalic

### Blood Pressure Arm

- Korotkoff sounds synchronized with ECG with volume control in 10 steps, 0-9
- Systolic & Diastolic pressure may be set individually in steps of 2mm Hg
- Systolic 0-300 mm Hg, Diastolic 0-300 mm Hg
- Auscultative Gap, On/Off feature
- Brachial and radial pulse control, palpated BP function
- Pressure accuracy +/- 2mm Hg

For more information visit [www.laerdal.com](http://www.laerdal.com)



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