

*Infant emergencies made real*



## SimBaby

The advanced simulator for training in infant emergencies

[www.laerdal.com](http://www.laerdal.com)



**Laerdal**  
*helping save lives*

## Realistic simulation in teams



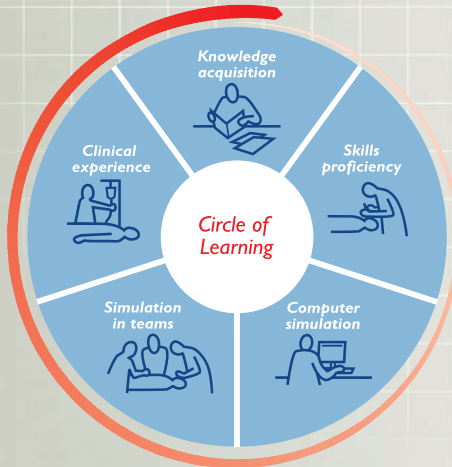
### *Simulation in teams*

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

A critical part of the learning process for emergency care personnel is training 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 when training.

Simulation training is of greatest value to help people work 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.

## *Infant emergencies made real*



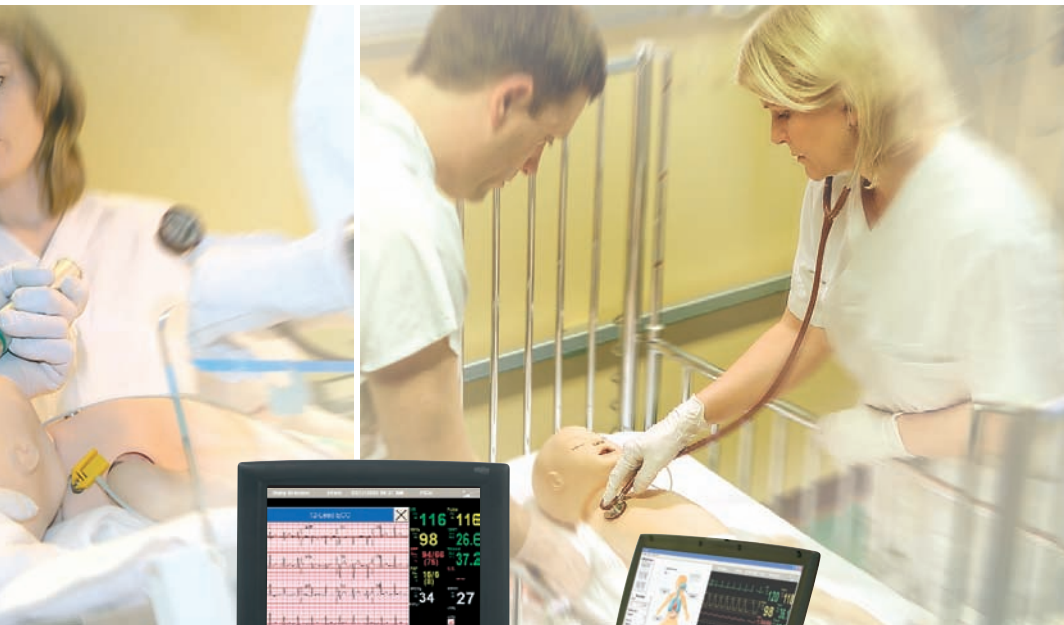
### **SimBaby**

**Educational effectiveness** - provides highly realistic patient simulation for the practice of teamwork, leadership and communication skills.

**Multi function use** - facilitates training for a wide range of health care professionals encompassing all areas of patient care.

**Practice infrequently occurring scenarios** - prepare the learners for the unusual or difficult cases they may face in real life.

**Anatomically realistic** - enables a wide range of emergency medical interventions to be practiced.



*bringing simulation to life...*

# SimBaby - a real training benefit



## SimBaby has an anatomical realistic airway

that allows accurate simulation of all relevant infant airway management and patient care scenarios.

The airway is compatible with most techniques and devices, including LMA and endotracheal intubation. The anatomy can be dynamically changed to represent conditions like tongue edema, pharyngeal swelling, and laryngospasms.

## Realistic infant breathing patterns and complications

bring realism to the simulation experience.

SimBaby can simulate a wide range of spontaneous breathing patterns including variable rate and depth, and complications like subcostal retractions and see-saw breathing. The instructor can modify both the lung compliance and the airway resistance.

Critical conditions like tension pneumothorax can also be simulated and managed through needle thoracentesis and chest tube insertion.

A range of relevant lung sounds are available to make the scenario complete. During hypoxic conditions, the SimBaby will present cyanosis in the mouth region.



## SimBaby simulates relevant circulation features

The instructor may choose from a range of cardiac rhythms, which will be presented as 3 or 12-lead readings on the simulated patient monitor. Heart sounds can be selected from a wide selection and auscultated on the chest.

The blood pressure can be adjusted and measured manually by pulse palpation and auscultation of Korotkoff's sounds. The pulse is synchronized with the ECG and BP, and can be palpated in several locations. SimBaby also allows for live defibrillation, pacing, and synchronized cardioversion.

SimBaby has IV-arm and bilateral IV/IO legs which allows peripheral access. These can be connected to reservoirs to allow for volume infusion and blood sampling.





# SimBaby

## Ordering Information:

### 245-05050 SimBaby manikin

Includes: Manikin, BP Cuff, SpO<sub>2</sub> probe, Air/CO<sub>2</sub> tube, Set of consumables, Operating software, Directions for Use

### 210-090xx Peripherals kit Complete

Includes: Simulated patient monitor; USB web-camera, USB hub, PDA as remote control, Link Box and laptop

### 210-091xx Peripherals kit Standard

Includes: Simulated patient monitor; USB web-camera, USB hub, PDA as remote control and Link Box



## Optional accessory:

210-01150	Compressor 110V
210-01050	Compressor 230/240V
381220	Regulator unit
381850	Portability kit
381602	Transportation case compressor
245-18050	Transportation case simulator peripherals

\* xx = language versions

additional information - [www.laerdal.com](http://www.laerdal.com)



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