



**Laerdal®**  
helping save lives

**Limbs & Things**  
BRINGING SKILLS TRAINING TO LIFE



Now wireless  
with



## Improving maternal and neonatal outcomes

### SimMom™

SimMom is an advanced full-body birthing simulator with accurate anatomy and functionality to facilitate multi-professional obstetric team training of birth management, with both manual and automatic delivery modes. Learning to make quick decisions during childbirth can mean the difference between life and death.

LLEAP makes simulation training simple and efficient, both on the fly with Manual mode, and running pre-programmed scenarios in Automatic mode. Because you can use the same patient case scenarios on all Laerdal patient simulators with LLEAP, less time is needed to prepare, giving you more time to teach.

[laerdal.com](http://laerdal.com) • [limbsandthings.com](http://limbsandthings.com)

Photo used with the permission of Hartford Hospital.



For more information, visit us at  
[laerdal.com](http://laerdal.com) and learn more about  
the SimMom patient simulator.



## Deliveries and drills

- Normal delivery
- Breech presentation
- Assisted deliveries
  - Forceps
  - Vacuum
- Shoulder dystocia
- Cord prolapse
- Eclampsia and preeclampsia
- Maternal collapse
- Postpartum hemorrhage
- Sepsis
- Uterine inversion
- Ruptured uterus

## Movement

- Seizure
- Able to position on all fours:
  - Realistic rotation of the shoulder and hip joints
  - Legs bend at the knees
  - Arms bend at the elbow
- Other positions:
  - Supine
  - Left lateral
  - Legs in stirrups
  - McRoberts position

## Breathing features

- Simulated spontaneous breathing
- Variable respiratory rates
- Bilateral and unilateral chest rise and fall
- Normal and abnormal breath sounds
  - 4 anterior auscultation sites
  - Bilateral midaxillary sites

## Pelvic components

- Atonic uterus modules (for PPH, uterine inversion and retained placenta)
- Fluids (e.g., blood, stained amniotic fluid and urine)
- Urine catheterization/instillation

## Cardiac features

- Extensive ECG library
- Heart sounds synchronized with ECG
- ECG rhythm monitoring
- 12 lead ECG display
- Defibrillation and cardioversion
- Pacing

## Circulation features

- BP measured manually by auscultation of Korotkoff sounds
- Bilateral carotid and brachial pulse, radial (right side only) pulses synchronized with ECG
- Pulse strength variable with BP
- Pulse palpation is detected and logged

## Chest compressions

- CPR compressions generate palpable pulses, blood pressure wave form, and ECG artifacts
- Detection and logging of a series of compressions

## Airway features

- Obstructed airway
- Tongue edema
- Right lung, left lung and both lung blockage
- Head tilt/Chin lift
- Jaw thrust
- Suctioning techniques (oral and nasopharyngeal)
- Bag-Valve-Mask ventilation
- Oropharyngeal and nasopharyngeal intubation
- Combitube, LMA and other airway device placement
- Endotracheal intubation (ET)
- Retrograde intubation
- Nasal and oral fiberoptic intubation
- Trans-tracheal jet ventilation
- Right mainstem intubation
- Surgical and needle cricothyrotomy
- Chest tube insertion

## Vascular access

- Pre-ported IV access (both arms)
- Subcutaneous and intramuscular injection sites

## New Instructor Software

- Controlled via Instructor PC
- Highly configurable
- Easy to operate and control mother and fetus vital signs
- Run on-the-fly, customized or pre-programmed scenarios

## Other features

- Bowel sounds and fetal heart rate (not at the same time)
- Interchangeable pupils (normal, blown and constricted)
- Patient Voice
  - Pre-recorded sounds
  - Custom sounds
  - Instructor can simulate patient's voice

## Optional Features

- Automatic delivery
  - Normal delivery (OA, OP)
  - Breech
  - Shoulder dystocia
  - Instrumental delivery

- 377-02050 **SimMom, LLEAP compatible**  
Includes: SimMom Manikin, Birthing Baby with placenta, 4 Uteri Modules (Cervix, Amniotic Bag, Post-Partum Hemorrhage Module and Inverted Uterus), Set of Consumables, Blood Pressure Cuff, and Quick Set up guide
- 400-302XX **Link Box SimMom**  
Includes: SimMom Link Box, Power cable (5), AC adaptor, Manikin strap, Ethernet cable, DFU
- 200-30350 **Battery**

## Services

- 377-LL51150 **1-day Platform Transition Course to LLEAP**
- 377-LL51200 **Intro Course 2 Consecutive Days**
- 377-LL51250 **Split 2 day Intro Course**

## Optional Accessories

- 377-05150 **Automatic Delivery Module (ADM) for SimMom LLEAP**  
Includes: Complete ADM, lubricant and soft case for storage of ADM
- 377-05250 **Automatic Delivery Module (ADM), Upgrade Kit for existing SimMom customers**  
Includes: Complete ADM, lubricant and soft case for storage of ADM, LinkBox, soft perineum, new placenta and LLEAP
- 375-51001 **Multi Venous IV Training Arm Nursing Anne**
- 210-05250 **Peripherals Hard Case**  
Pelican Case holds monitor, laptop, webcam and cables.
- 212-17950 **SimMan Case Soft Torso**
- 212-18050 **SimMan Case Soft Legs**

We have made it easy for you to choose your use model: please go to [Laerdal.com](http://Laerdal.com) to see the large offering of required components and recommended components.

## Operation

SimMom can be controlled by the Instructor PC.



## SimCenter

Visit [www.laerdal.com/simcenter](http://www.laerdal.com/simcenter) to learn how to optimize your simulation training using SimCenter™

### SimStore™

Access to validated, standardized content from industry experts

### SimManager™

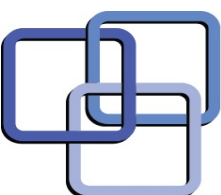
A suite of online tools that allows you to fully optimize your entire simulation center operation

### SimView™

An integrated debriefing solution giving you the ability to study simulation events more closely

## Services

Laerdal offers comprehensive Educational Services to support your curriculum, and Technical Services to meet your product servicing needs.



# Survival Technology

Your Link in the  
— Chain of Survival —

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