



Laerdal[®]
helping save lives

Limbs & Things
BRINGING SKILLS TRAINING TO LIFE



The most versatile female patient simulator

SimMom[®]

SimMom[®] simulator 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.

Add the flat abdominal skin module to your existing SimMom simulator to extend the scope of your training beyond obstetrics to a full range of women's health scenarios. This maximizes the institution's ability to conduct multi-functional team training for various patient scenarios and clinical assessments.

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Flat abdominal skin

SimMom®

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

Optional Features

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

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

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

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

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

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

Vascular access

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

LLEAP 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

Ordering Information

- 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
- 204-30250 **SimPad® PLUS Link Box**
- 200-30350 **Battery**
- 210-01750 **Compressor**

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
- 377-21050 **Flat Abdominal (non-gravid) skin**

Instructor/Operating PC

- 400-10201 **Laptop/Instructor - Patient Monitor**
- 400-29301 **All in One Panel PC instructor - Patient Monitor**
- 400-09201 **Tablet PC Instructor - Patient Monitor**
- 400-09501 **Rugged Tablet Instructor - Patient Monitor**

Operation

SimMom is operated by a LLEAP Instructor Computer and can be utilized with an optional simulated patient monitor.



SimCenter

Visit 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.