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.
**SimMom®**

### Deliveries and drills
- Normal delivery
- Breech presentation
- Assisted deliveries
  - Forceps
  - Vacuum
- Shoulder dystocia
- Cord prolapse
- Edema and pre-eclampsia
- Maternal collapse
- Postpartum hemorrhage
- Sepsis
- Uterine inversion
- Ruptured uterus

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

### 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

### 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

### 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

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

### Pelvic components
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### 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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>377-02050</td>
<td>SimMom®, LLEAP compatible</td>
</tr>
<tr>
<td>204-30250</td>
<td>SimPad® PLUS Link Box</td>
</tr>
<tr>
<td>200-30350</td>
<td>Battery</td>
</tr>
<tr>
<td>210-01750</td>
<td>Compressor</td>
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</table>

### Optional Accessories

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>377-05150</td>
<td>Automatic Delivery Module (ADM) for SimMom LLEAP</td>
</tr>
<tr>
<td>377-05250</td>
<td>Automatic Delivery Module (ADM), Upgrade Kit for existing SimMom customers</td>
</tr>
<tr>
<td>377-21050</td>
<td>Flat Abdominal (non-gravid) skin</td>
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</tbody>
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### Instructor/Operating PC

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>400-10201</td>
<td>Laptop/Instructor - Patient Monitor</td>
</tr>
<tr>
<td>400-29301</td>
<td>All in One Panel PC instructor - Patient Monitor</td>
</tr>
<tr>
<td>400-09201</td>
<td>Tablet PC Instructor - Patient Monitor</td>
</tr>
<tr>
<td>400-09501</td>
<td>Rugged Tablet Instructor - Patient Monitor</td>
</tr>
</tbody>
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**SimMom** is operated by a LLEAP Instructor Computer and can be utilized with an optional simulated patient monitor.

**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™**

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