Improving maternal and neonatal outcomes

SimMom

SimMom is an advanced full body birthing simulator with accurate anatomy and functionality to facilitate multi-professional obstetric training of delivery management. Now available with both manual delivery - and automatic delivery of birthing baby.

SimMom offers the optimal solution for flexibility in teaching obstetric skills with manual delivery of the birthing baby. Automatic delivery provides standardization of delivery allowing assessment of competencies and evaluation.
**Deliveries and drills**
- Normal delivery
- Breech presentation
- Assisted deliveries
  - Forceps
  - Vacuum
- Shoulder dystocia
- Cord prolapse
- Eclampsia and pre-eclampsia
- 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
  - Semi-recumbent
  - 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

**Chest compressions**
- CPR compressions generate palpable pulses, blood pressure waveform, 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

**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

**SimMom**

### Options

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>377-05050</td>
<td>SimMom Simulator</td>
</tr>
<tr>
<td>377-11950</td>
<td>SimMom Software and License</td>
</tr>
<tr>
<td>378-000XX*</td>
<td>SimMom Advanced with Complete Peripheral Kit (With Monitor)</td>
</tr>
<tr>
<td>378-100XX*</td>
<td>SimMom Advanced with Standard Peripheral Kit</td>
</tr>
<tr>
<td>377-83050</td>
<td>Installation SimMom</td>
</tr>
<tr>
<td>377-90150</td>
<td>Introduction to SimMom at Customer Site</td>
</tr>
</tbody>
</table>

For further services see section to the right

### Optional Accessories

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>377-05150</td>
<td>Automatic Delivery Module (ADM) for new SimMom customers</td>
</tr>
<tr>
<td>377-05250</td>
<td>Automatic Delivery Module (ADM), Upgrade Kit for existing SimMom customers</td>
</tr>
<tr>
<td>375-51001</td>
<td>Multi Venous IV Training Arm Nursing Annie</td>
</tr>
<tr>
<td>210-05250</td>
<td>Peripherals Hard Case - Pelican Case holds monitor, laptop, webcam and cables.</td>
</tr>
<tr>
<td>212-17950</td>
<td>SimMan Case Soft Torso</td>
</tr>
<tr>
<td>212-18050</td>
<td>SimMan Case Soft Legs</td>
</tr>
</tbody>
</table>

*XX denotes language versions - Additional configuration option are available.

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

**SimScore**
Access to validated, standardized content for both Manual and Automatic Delivery 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

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