

## Laerdal SimMom

<b>Deliveries &amp; drills</b>
Deliveries & drills
Normal delivery
Breech presentation
Assisted deliveries
Forceps
Vacuum
Shoulder dystocia
Cord prolapse
Eclampsia & pre-eclampsia
Maternal collapse
Post Partum Haemorrhage
Sepsis
Uterine inversion
Ruptured uterus
<b>Pelvic components</b>
Atonic uterus modules (for PPH, uterine inversion and retained placenta)
Fluids (e.g. blood, stained amniotic fluid and urine)
Urine catheterisation/ instillation
<b>Airway features</b>
Obstructed airway
Tongue oedema
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
<b>Breathing features</b>

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
<b>Cardiac features</b>
Extensive ECG library
Heart sounds synchronised with ECG
ECG rhythm monitoring
12 lead ECG display
Defibrillation and cardioversion
Pacing
<b>Circulation features</b>
BP measured manually by auscultation of Korotkoff sounds
Radial and brachial pulse/right side with bilateral Carotid pulse - all synchronized with ECG
Pulse strength variable with BP
Pulse palpation is detected and logged
<b>Chest Compressions</b>
CPR compressions generate palpable pulses, blood pressure wave form, and ECG artifacts
Detection and logging of a series of compressions
<b>Vascular access</b>
Pre-ported IV access (both arms)
Subcutaneous and intramuscular injection sites
<b>Movement</b>
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

<b>Other features</b>
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 wirelessly