

# Lucy Maternal and Neonatal Birthing

<p>Product Codes/SKUs</p>	<p><b>LF00042</b> - Lucy Maternal and Neonatal Birthing Manikin  <b>LF00041</b> - Lucy Complete Maternal and Neonatal Birthing Manikin  <b>LF00040</b> - Lucy Advanced Maternal and Neonatal Birthing Manikin  <b>LF00042IS</b> - Lucy Maternal and Neonatal Birthing Manikin with Fetal Monitoring  <b>LF00041IS</b> - Lucy Complete Maternal and Neonatal Birthing Manikin with Fetal Monitoring  <b>LF00040IS</b> - Lucy Advanced Maternal and Neonatal Birthing Manikin with Fetal Monitoring</p> <p>For additional information on fetal monitoring, see the Fetal Monitoring brochure.</p>
<p>Accessories/ Consumables</p>	<p><b>Infants</b>  <b>LF00050</b> - Articulating Baby  <b>LF01400</b> - Newborn Nursing Skills and ALS Baby  <b>LF01280</b> - Micro Preemie, Light Skin</p> <p><b>Clinical Skills</b>  <b>LF04080</b> - IV Arm  <b>LF04130IP</b> - Blood Pressure arm with iPad  <b>LF04130EX</b> - Blood Pressure Arm without iPad</p> <p><b>Consumables/Replacements</b>  Abdominal Pad  Abdominal Skin: Cesarean and Normal  Chest Skin  Leg Injection Site  Perineal Skin Foam Stabilizer Pad  Perineal Skin: Birthing, Episiotomy and Prenatal  Shoulder Injection Site  Articulating Arm and Leg Replacements  Cervix Stages 1-6  Fundus  Blood Clots and Hemorrhages  Umbilical Cords  Placenta  CPR Chest  Torso  Amniotic Sacs  Lung Bags  Meconium  And more....</p>
<p>Dimensions/ Weight</p>	<p>Dimensions: 5 feet  Ship Weights:  Lucy: 72 lbs  Lucy Complete: 91 lbs  Lucy Advanced: 117 lbs</p>



Be **READY** to care for mothers and newborns

Reliable, repeatable childbirth training for real-world environments

# Built for the Realities of Maternal Care

Maternal care is complex, emotional, and often unpredictable. Learners must be prepared to manage routine deliveries, recognize complications, and respond with confidence in high pressure situations.

But many training programs face a gap. Learners practice isolated skills without fully understanding how to apply them in real clinical scenarios.

Lucy bridges that gap by bringing hands-on practice and clinical learning into one platform for real-world training.

As training needs evolve, Lucy scales from foundational childbirth education to advanced maternal and neonatal care.

## A connected approach to maternal health training



**Build  
Foundational  
Skills**



**Reinforce  
Critical  
Procedures**



**Develop Clinical  
Judgement**



**Apply in Real-  
World Scenarios**



# Build Confidence in Childbirth, From the Very First Delivery

Maternal care training begins with hands on experience, but it must also reflect the full scope of patient care.

**Lucy** is a comprehensive childbirth simulator designed for real world training environments. Learners can practice delivery techniques, manage complications, and develop essential maternal and patient care skills through repeated, hands on training.

From routine deliveries to postpartum care and basic life support, Lucy provides a reliable, repeatable platform that prepares learners for the realities of maternal care.

## Why Lucy Works in the Real World

- Built for repeatable, hands on training
- Durable design for high volume use
- Simple setup that reduces instructor burden
- Reliable performance without unnecessary complexity
- Cost effective solution for expanding maternal training programs
- Backed by a best in class warranty

## Labor and Delivery

- Articulating fetus for realistic delivery mechanics
- Vaginal, cesarean, forceps, and vacuum assisted delivery
- Cervical dilation across 6 stages
- Multiple birthing positions including supine, lateral, and hands and knees
- Breech deliveries including complete, incomplete, footling, and frank
- Fetal positioning and Leopold's maneuvers
- Manual control of fetal descent for dynamic delivery training
- External cephalic version (manual fetal repositioning)

## Complications and Postpartum

- Shoulder dystocia maneuvers
- Postpartum hemorrhage
- Umbilical cord prolapse
- Placenta previa scenarios
- Fundal massage
- Episiotomy and repair

## Maternal Patient Care

- Airway management including intubation and ventilation with chest rise
- CPR and basic life support training
- IM injection sites for maternal care
- Patient positioning and transfer techniques

## Expand Your Training with Neonatal Care

Lucy can be paired with neonatal simulators to extend training from delivery through newborn care.



# Extend Training From Delivery to Newborn Care

**Lucy Complete** builds on the full capabilities of Lucy by adding integrated newborn simulation and enhanced hemorrhage realism.

Learners can move seamlessly from delivery to newborn care while training with more realistic postpartum bleeding and clotting scenarios. This enables complete, scenario based training that reflects real clinical workflows from maternal care through neonatal response.

## What's Added with Lucy Complete

- **Newborn Nursing Skills and ALS Simulator** for integrated maternal and neonatal care
- Complete set of clotting and hemorrhage materials for varied scenarios
- TrueClot blood product for more realistic bleeding simulation

## Neonatal Care

The included **Newborn Nursing Skills and ALS Simulator** enables full neonatal resuscitation and care immediately following delivery.

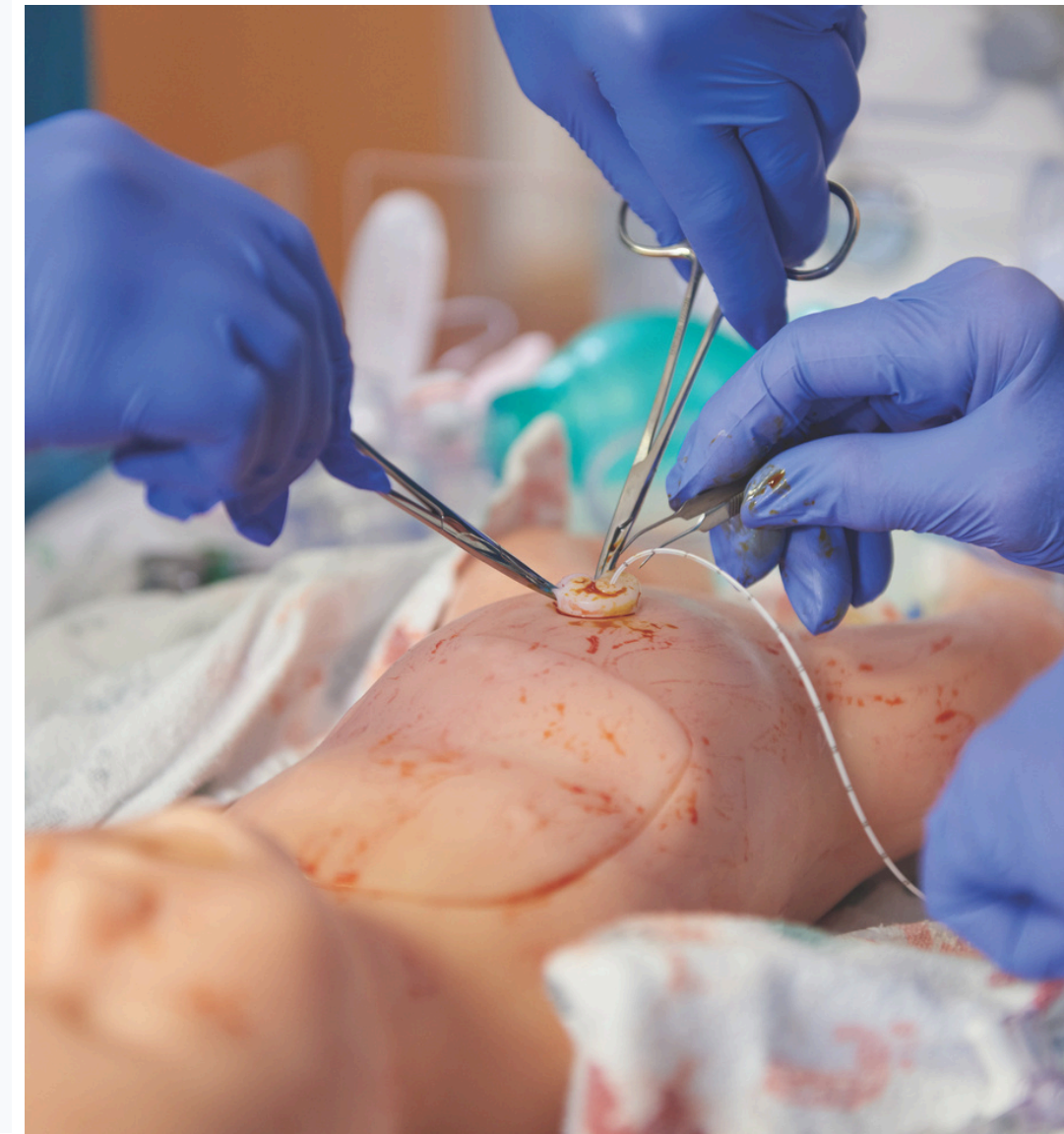
- Airway management including ET tube insertion and ventilation
- Bilateral and unilateral lung scenarios
- CPR with realistic compressions
- Umbilical access for cannulation and infusion
- IV access in hand and foot with realistic flashback
- OG and NG tube placement
- Chest tube insertion site for training
- Birth anomalies including omphalocele and neural tube defect

## Enhanced Hemorrhage Realism

- Simulated blood flow with pooling and clotting
- Multiple clot sizes and conditions
- Increased realism for postpartum hemorrhage scenarios

## Training Applications

- Transition from delivery to neonatal resuscitation
- Postpartum hemorrhage management
- Maternal and neonatal emergency response
- Team based training across care roles



# Prepare for the Most Vulnerable Patients

**Lucy Advanced** builds on Lucy Complete by adding advanced maternal clinical skills and expanded neonatal care capabilities.

With integrated IV access, blood pressure training, and the **Micro-Preemie Simulator**, learners can move beyond standard scenarios and prepare for premature and high-risk patients.

## What's Added with Lucy Advanced

- IV arm for vascular access and infusion
- Blood pressure arm for auscultatory measurement
- Micro-Preemie Simulator (25-week premature infant)



## Advanced Maternal Clinical Skills

- Peripheral IV access and fluid administration
- Blood pressure measurement with variable conditions
- Expanded patient assessment and intervention

## Neonatal Care

Supports both full-term and premature neonatal care using the Newborn Nursing Skills and ALS Simulator and the Micro-Preemie Simulator

- Airway management including ET tube insertion and ventilation
- Bilateral and unilateral lung conditions
- Umbilical access and fluid administration
- IV access (full-term newborn)
- NG and OG tube placement
- Chest tube placement and care
- Birth anomalies including omphalocele and neural tube defect

## Training Applications

- Premature infant care and stabilization
- Full-term neonatal resuscitation
- High-risk neonatal scenarios
- Advanced maternal and neonatal response
- Expanded clinical intervention training



# Add Clinical Decision-Making to Maternal Care Training

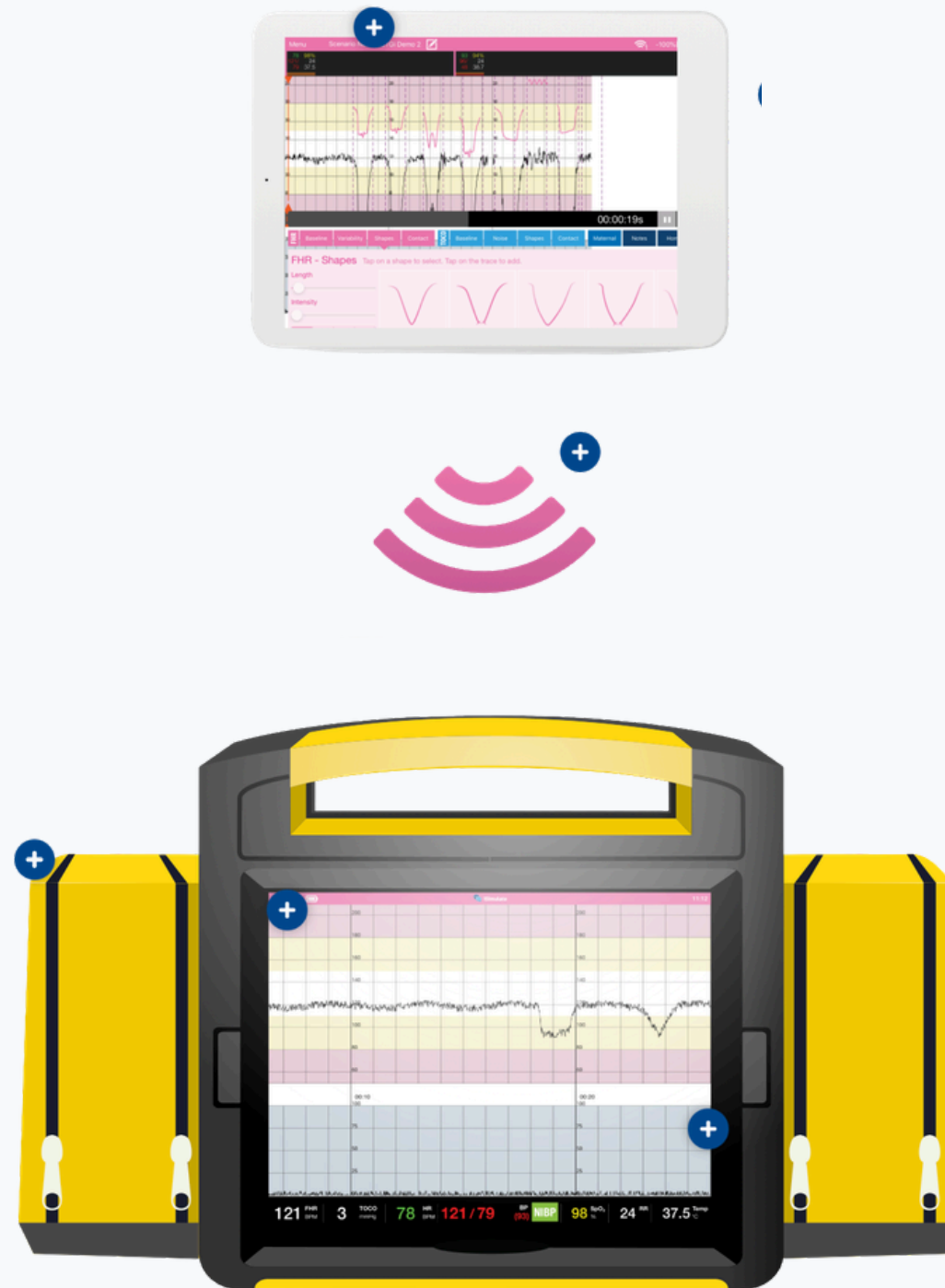
Hands on skills are only part of maternal care training. Learners must also be able to interpret clinical data and make decisions in real time.

**Nasco Healthcare Fetal Monitoring**, powered by iSimulate, adds a dynamic layer of clinical insight to any Lucy configuration. Learners can monitor fetal heart rate, uterine activity, and maternal vital signs while managing delivery scenarios.

This transforms training from performing tasks to understanding when and how to act.

## Key Capabilities

- Real time fetal heart rate tracing with variability, accelerations, and decelerations
- Uterine activity monitoring with contraction frequency and intensity
- Maternal vital signs displayed alongside fetal data
- Instructor controlled scenarios for dynamic training
- Tablet based system for portability and ease of use



## What Learners Experience

- Interpret fetal monitoring data during delivery scenarios
- Recognize signs of fetal distress
- Respond to changing maternal and fetal conditions
- Make clinical decisions under pressure
- Participate in team based scenario training

## Designed for Real Training Environments

- Quick setup with intuitive controls
- Portable, dual tablet system
- Works seamlessly in skills labs and simulation settings
- Supports repeatable, scenario based learning

## Compatible Across the Lucy Platform

Fetal Monitoring can be integrated with:

- Lucy
- Lucy Complete
- Lucy Advanced

Training Capability	Lucy LF00042	Lucy Complete LF00041	Lucy Advanced LF00040
<b>Primary Use Case</b>	Maternal care and childbirth training including routine and assisted delivery, complications, postpartum care, airway management, CPR, and patient care skills	Maternal and full-term neonatal training with integrated delivery through neonatal resuscitation and enhanced postpartum hemorrhage realism	Maternal, neonatal, and advanced clinical training including vascular access, blood pressure assessment, and full-term and premature infant care
<b>Delivery</b> <ul style="list-style-type: none"> <li>• Vaginal, cesarean, forceps-assisted, vacuum-assisted delivery</li> <li>• Articulating fetus with controlled descent</li> <li>• Cervical dilation (6 stages)</li> <li>• Multiple birthing positions</li> <li>• Breech delivery (complete, incomplete, footling, frank)</li> <li>• Fetal positioning and Leopold's maneuvers</li> <li>• External cephalic version (manual fetal repositioning)</li> <li>• Amniotic sac and membrane rupture</li> <li>• Placenta and umbilical cord management</li> </ul>	✓	✓	✓
<b>Complications</b> <ul style="list-style-type: none"> <li>• Shoulder dystocia maneuvers</li> <li>• Cord prolapse</li> <li>• Placenta previa</li> <li>• Postpartum hemorrhage</li> <li>• Fundal massage</li> <li>• Episiotomy and repair</li> </ul>	✓	✓	✓
<b>Maternal Patient Care</b> <ul style="list-style-type: none"> <li>• Airway management and intubation</li> <li>• Ventilation with chest rise</li> <li>• CPR</li> <li>• Carotid pulse</li> <li>• Oral and nasal care</li> <li>• IM injection sites</li> <li>• Positioning and transfer</li> </ul>	✓	✓	✓
<b>Clinical Skills</b> <ul style="list-style-type: none"> <li>• Peripheral IV access and infusion</li> <li>• Blood pressure measurement (auscultation, variable Korotkoff sounds)</li> </ul>			✓
<b>Neonatal Care</b> <ul style="list-style-type: none"> <li>• Airway and ventilation</li> <li>• CPR</li> <li>• Umbilical access</li> <li>• IV access (hand and foot)</li> <li>• NG and OG tubes</li> <li>• Chest tube site</li> <li>• Birth anomalies/defects</li> </ul>		✓ <b>LF01400 - Newborn Nursing Skills and ALS Baby</b>	✓ <b>LF01400 - Newborn Nursing Skills and ALS Baby LF01280 - Micro Premie, Light Skin</b>
<b>Fetal Monitoring (Optional Bundle)</b> <ul style="list-style-type: none"> <li>• Fetal heart rate tracing (variability, accelerations, decelerations)</li> <li>• Uterine activity monitoring</li> <li>• Maternal vital signs</li> <li>• Instructor-controlled scenarios</li> <li>• Playback and debrief</li> </ul>	<b>LF00042IS</b>	<b>LF00041IS</b>	<b>LF00040IS</b>