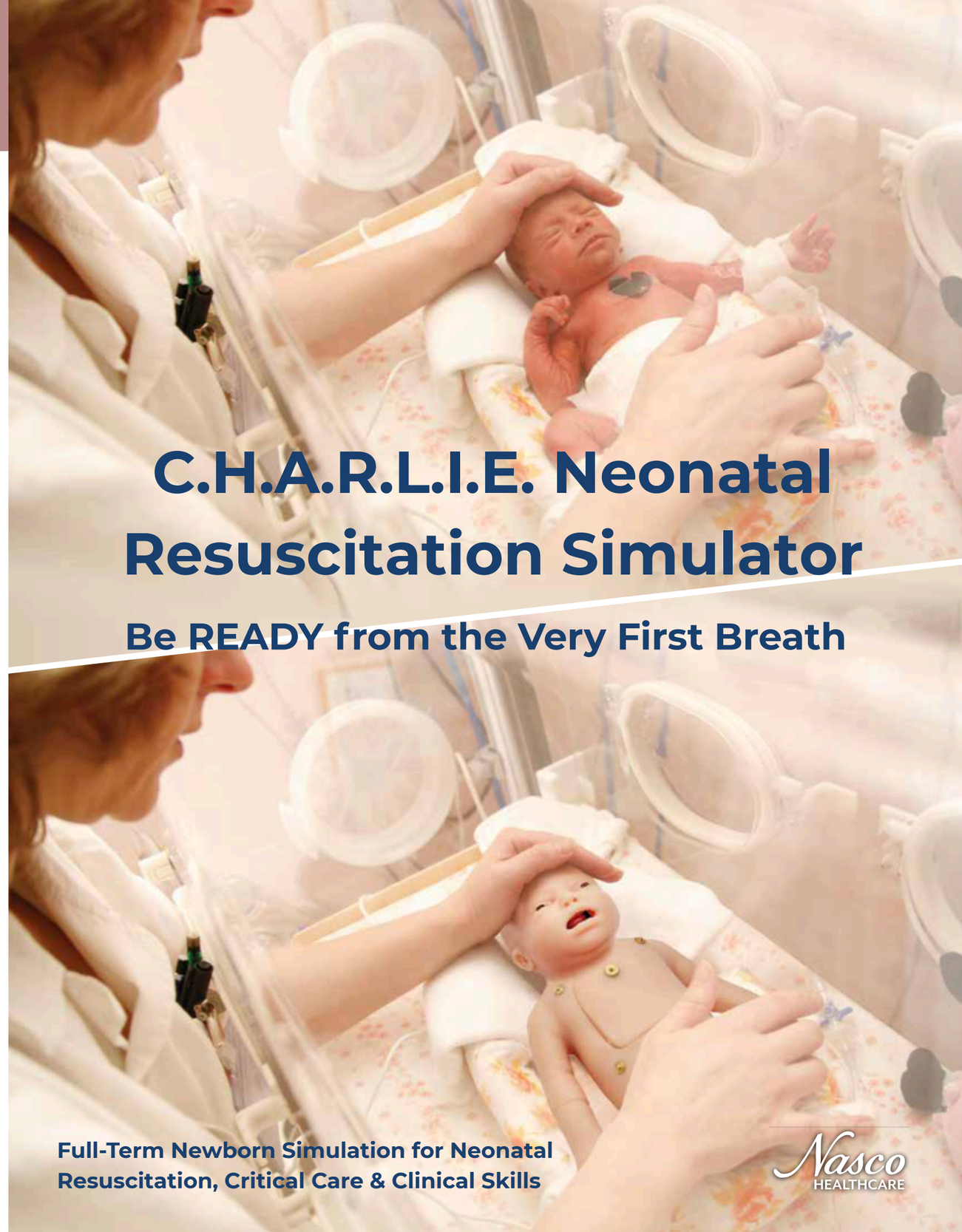
C.H.A.R.L.I.E. Neonatal Resuscitation Simulator product profile

Product Codes/SKUs	LF01421 – C.H.A.R.L.I.E. Neonatal Resuscitation Simulator LF01420 – C.H.A.R.L.I.E. Neonatal Resuscitation Simulator with Interactive ECG Simulator LF01421IS – C.H.A.R.L.I.E. Neonatal Resuscitation Simulator with Patient Monitoring
Accessories/ Consumables	LF01401 – Bilateral Chest Insert LF01402 – Unilateral Chest Insert LF01403 – Replacement Airway LF01404 – Replacement IV Hand Skin & Vein LF01405 – Replacement IV Foot Skin & Vein LF01406 – Replacement Umbilicus LF01407 – Replacement Birth Defects LF01408 – Replacement Advanced Airway LF01409 – Replacement Defibrillation Chest Insert LF01410 – Replacement Male & Female Genitalia LF01411 – Replacement I/O Skin LF01412 – Replacement Umbilicus with Pulse LF03670 – Interactive ECG Simulator LF09919 – Nasco Cleaner 101-054 – Defibrillation Adapter Set 101-092 – I/O Bone & Blood Capsule (Pack of 12) 175-0-Z02 – Zoll Training Cables 175-0-Z10 – Medtronic Physio Quick Combo Training Cables 175-0-Z13 – Philips Training Cables
Dimensions/ Weight	LF01421 – 14 lbs. LF01420 – 15 lbs. LF01421IS – 34 lbs.

Nasco HEALTHCARE

Disclaimer: Conceptual imagery shown for illustrative purposes. Actual product appearance and configurations may vary.



The First Minutes Matter

The first moments after birth can rapidly become some of the most critical in healthcare. Providers must assess, stabilize, and intervene quickly while working together to deliver safe, effective neonatal care.

Developing these skills requires more than understanding neonatal resuscitation algorithms. Learners need repeated, hands-on practice performing critical neonatal procedures, communicating under pressure, and building the confidence to respond when every second counts.

Prepare Providers for Neonatal Resuscitation.

The C.H.A.R.L.I.E. Neonatal Resuscitation Simulator provides a realistic, full-term newborn platform for developing essential neonatal resuscitation, assessment, and critical care skills.

Supporting airway management, vascular access, CPR, cardiac care, and neonatal stabilization, C.H.A.R.L.I.E. helps educators deliver realistic, repeatable learning experiences across nursing, EMS, respiratory therapy, and neonatal education programs.

Whether introducing foundational neonatal care or reinforcing advanced clinical interventions, C.H.A.R.L.I.E. helps learners develop the practical skills and confidence needed to provide safe neonatal care from the very first breath.

Ideal For: Neonatal Education | Neonatal Resuscitation (NRP®) Education | Pediatric Advanced Life Support (PALS) Education | Nursing Education | Respiratory Therapy Education | EMS Education

Build Essential Neonatal Resuscitation Skills

The **C.H.A.R.L.I.E. Neonatal Resuscitation Simulator** provides a realistic, full-term newborn platform for developing the practical skills required to assess, stabilize, and care for neonatal patients.

Supporting essential airway management, resuscitation, vascular access, and newborn assessment, C.H.A.R.L.I.E. helps educators deliver realistic, repeatable learning experiences that prepare learners for neonatal care across a wide range of clinical scenarios.

Airway & Ventilation
- Oral and nasal intubation
- Bag-valve-mask ventilation
- Chest rise with ventilation
- Gastric distention
- Suctioning
- Realistic airway anatomy

Assessment & Resuscitation
- High-quality neonatal CPR
- Umbilical pulse palpation
- Anterior and posterior fontanels
- Umbilical cord care
- Physical assessment
- Routine newborn patient care

Vascular Access & Procedures
- Umbilical vascular access (UVC/UAC)
- Intramuscular injection
- Intravenous access
- Intraosseous access

Advance Neonatal Resuscitation Training

The **C.H.A.R.L.I.E. Interactive ECG** configuration expands neonatal resuscitation education with integrated cardiac rhythm simulation and advanced resuscitation capabilities. By introducing realistic ECG changes into neonatal care scenarios, educators can strengthen rhythm recognition, reinforce clinical decision making, and prepare learners to respond confidently during neonatal emergencies.

Cardiac Monitoring & Rhythm Recognition

- Interactive ECG rhythm generation
- Multiple neonatal cardiac rhythms
- Rhythm changes during scenarios
- Realistic heart rate assessment

Advanced Resuscitation

- Defibrillation
- Synchronized cardioversion
- Transcutaneous pacing
- Reinforce cardiac assessment skills

Develop Clinical Judgment Through Realistic Patient Assessment

Patient monitoring helps learners connect hands-on patient care with real-time physiologic assessment. As they assess changing patient conditions, interpret monitor findings, and evaluate the effectiveness of their interventions, they develop the clinical judgment and decision-making skills needed to provide safe, effective neonatal care.

By integrating patient monitoring into neonatal resuscitation scenarios, C.H.A.R.L.I.E. helps educators reinforce patient assessment, strengthen clinical reasoning, and prepare learners to recognize, evaluate, and respond to changing patient conditions.

Clinical Assessment & Decision Making

- Assess changing patient conditions
- Interpret vital signs and physiologic waveforms
- Correlate patient assessment with monitor findings
- Evaluate patient response to clinical interventions

Real-Time Patient Monitoring

- Dynamic vital signs
- Realistic physiologic waveforms
- Oxygen saturation (SpO2)
- ECG monitoring
- Non-invasive blood pressure
- Temperature monitoring

Includes:

- C.H.A.R.L.I.E. Simulator
- Patient Monitoring System
- Sensors & Accessories
- Carrying Case / Hardware components

Training Capability	C.H.A.R.L.I.E. Neonatal Resuscitation Simulator	C.H.A.R.L.I.E. Neonatal Resuscitation Simulator with Interactive ECG Simulator	C.H.A.R.L.I.E. Neonatal Resuscitation Simulator with Patient Monitoring
Airway management & ventilation	✓	✓	✓
Newborn assessment & patient care	✓	✓	✓
Umbilical & peripheral vascular access	✓	✓	✓
Neonatal CPR	✓	✓	✓
Interactive ECG rhythms		✓	✓
Defibrillation, cardioversion & pacing		✓	✓
Patient monitor with vital signs & waveforms			✓