

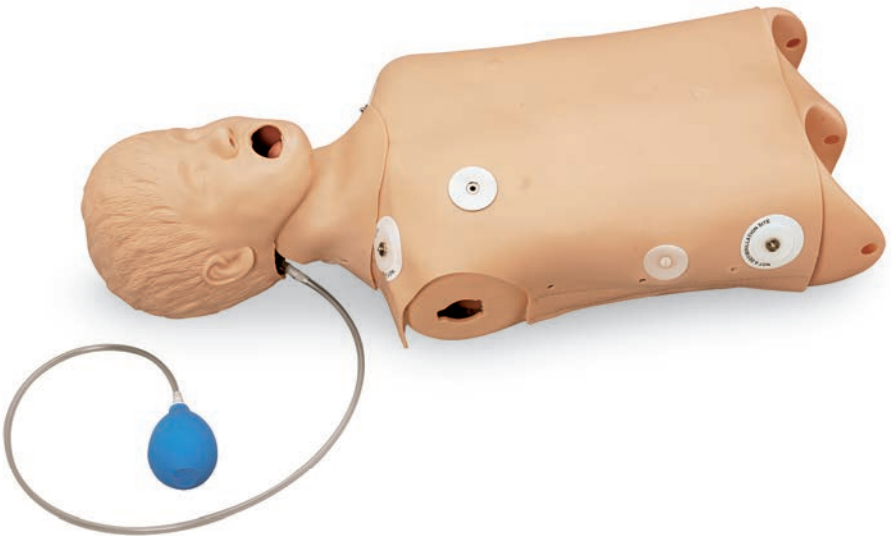
Dedicated to Delivery  
*Nasco*  
**Life/form**®

**3** *Life/form.*  
*Year*  
*Warranty*  
Simulators  
& Trainers

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**Child *CRiSis*™ Starter Torso**  
**LF03674**  
**Instruction Manual**

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***Life/form***® *Products by Nasco*



## About the Simulator

The Child **CRiSis**™ Starter Torso is part of a completely modular system that lets you create a manikin to suit your needs. It is ideal for ACLS, nursing, paramedic, and EMT training. The torso features a completely functional CPR manikin of an eight-year-old child with **Life/form**® Airway Management Trainer and Defibrillation Chest Skin.

The Child **CRiSis**™ Starter Torso allows you to simulate resuscitation and practice airway management skills including intubation and suction; and perform defibrillation and CPR.

## Airway Management Trainer

### About the Simulator

The **Life/form**® Child Airway Management Trainer Head is the most realistic simulator available for the training of intubation and resuscitation skills. Nasco has taken great care to create a trainer that is anatomically correct in respect to both size and detail.

Landmarks include nostrils, teeth, tongue, oral and nasal pharynx, larynx, epiglottis, arytenoids, false and true vocal cords, cricoid ring, tracheal rings, trachea, esophagus, lungs, and stomach.

The **Life/form**® Child Airway Management Trainer Head allows you to practice oral, digital, and nasal intubation, as well as CPR. Suction techniques can also be performed and evaluated. The simulator was designed to use an uncuffed endotracheal tube measuring up to 5.0 mm I.D.

## List of Components

- Child Airway Management Trainer Head
- Right and Left Lung Simulators
- Stomach Simulator
- 4-oz. Can Aerosol Lubricant
- Nasco Cleaner
- 3 Nylon Hose Clamps



**Figure 1**

## Lubrication

Before using the **Life/form**® Child Airway Management Trainer, lubricate both the oral cavity and the endotracheal tube with the Nasco lubricant provided. (**See figure 1.**) **Note:** Nasco recommends the use of the provided lubricant or a similar vegetable-based lubricant for the Child Trainer. The use of a silicone-based or similar lubricant may seriously damage the simulator, thus voiding Nasco's warranty on the trainer.

## Cleaning the Face

Normal soil can be removed from the face with mild soapy water. Nasco Cleaner (LF09919U) will remove stubborn stains. Simply apply Nasco Cleaner to soiled area and wipe clean with a soft cloth or paper towel.

**Note:** Avoid using cleaner around mouth area if students will be applying direct mouth-to-mouth resuscitation techniques, as the cleaner may be toxic if ingested. NEVER place the trainer on any kind of printed paper or plastic. These materials, as well as ball-point pens, will transfer indelible stains. Do not use any cosmetics.

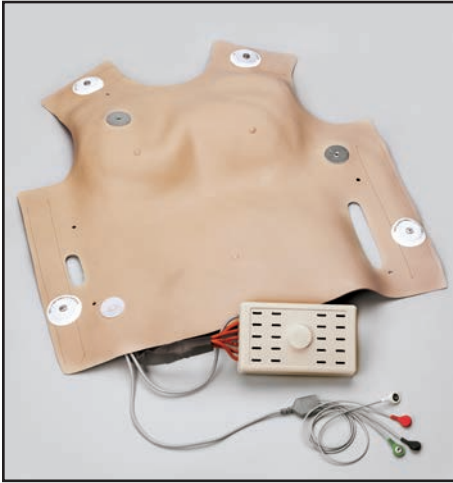
## Available Supplies

<b>LF03631U</b>	Replacement Headskin with Airway
<b>LF03627U</b>	Replacement Lung Set
<b>LF03628U</b>	Replacement Stomach
<b>LF03644U</b>	Pump Spray Lubricant
<b>LF09919U</b>	Nasco Cleaner

## Defibrillation Chest Skin

### About the Simulator

The **Life/form**® Child Defibrillation Chest Skin has been designed for the Child **CRiSis**™ manikin to enable you, the customer, to safely practice defibrillation.



The Child Defibrillation Chest Skin has been designed to absorb a maximum of 360 joules of energy\*. Although capable of absorbing 360 joules, we recommend that the smallest energy level possible be used while training with the skin.

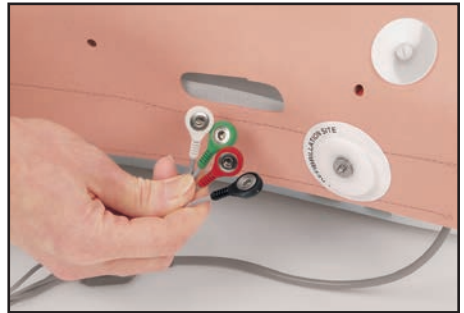
The Child Defibrillation Chest Skin will enable you to practice defibrillation using manual, semiautomatic, and automatic external defibrillators (AEDs). When using any one of these types of defibrillators in training, always follow the recommended operating procedures for that particular defibrillator.

## List of Components

- Defibrillation Chest Skin with Load Box and Four Lead Snap Cable Connector

**\*Note:** 360 joules is the maximum energy level that Nasco recommends administering to the defibrillation chest skin. Energy levels in excess of 360 joules may cause irreparable damage to the chest skin, circuitry, and patient simulator being used — thus voiding Nasco’s warranty and endangering your equipment. Nasco assumes no liability for damage or injury that may be caused by the use and/or misuse of this equipment. All normal safety precautions for defibrillation training should be followed, and energy levels should be minimized. Nasco did not design nor intend this defibrillation chest skin to be used as anything other than a training apparatus for defibrillation.

## Connecting Your Patient Simulator



**Figure 2**

Connect the four lead snap cable to your patient simulator.

Nasco has designed the Child **CRiSis**™ System to be compatible with a variety of patient simulators. This is possible via the standard four lead snap cable. (**See figure 2.**) If your patient simulator has only two output posts, the red and black leads must be connected to the patient simulator.

If you want to connect the manikin to the simulator that came with your defibrillator, it is necessary to purchase the corresponding adapters from Nasco separately, if the patient simulator doesn't have the standard snap connectors. (Please see accessories at the end of this section).

Once your manikin is connected to your patient simulator, you will be able to pick up the ECG waves either through the monitor hook-ups on the skin or through the two disks attached to the skin on the defibrillation sites.

These disks will enable you to pick up the ECG waves using either the "Quick Look" paddle option or directly through gel pads, just like on a real patient.

It is possible to use AED gel pads with the cable connectors built into the gel — the same ones you use on patients. In an effort to help you save money, Nasco offers a set of training buttons that will correspond to your particular AED unit. These buttons are sold separately, and can be used over and over again. They come as a set with the patient simulator adapters. (See accessories at the end of this section.)

## Troubleshooting

**Problem** ECG wave is not being picked up from the manikin.

### Solution

1. Check your connections on the patient simulator; one or more may be disconnected.
2. Check to make sure your patient simulator is plugged in and working properly.

**Problem** ECG wave is inverted.

### Solution

Recheck the position of the red and black lead snaps on the patient simulator.

**Note:** If the defibrillation chest skin is not functioning or wiring comes undone, please contact us to repair or replace the unit. Failure to do so, or unauthorized repair, may void the warranty or cause further harm or damage to you or your equipment.

## Available Supplies

**LF03656U** Physio Control Training Pad Adapters and Patient Simulator Adapters for LifePak 10 and LifePak 20

**LF03657U** Marquette Electronics Training Pad Adapters and Patient Simulator Adapters

**LF03658U** SpaceLabs/Laerdal/Heartstart/First Medic Training Pad Adapters and Patient Simulator Adapters

**LF03961U** Zoll Training Cables with Adapters

**LF03962U** Physio Control Training Cables with Adapters for LifePak 12

**Note:** If you need help selecting the training pad adapters that correspond to your AED unit, please feel free to call us at **1-800-558-9595** for assistance.

## Available Components to Add to Your Child **CRiSis™** Torso

**LF03612U** Injectable Training Arm

**LF03613U** Blood Pressure Arm

**LF03614U** Intraosseous Infusion/Femoral Access Leg

## Other Available *Life/form*® Simulators

<b>LF00698U</b>	Adult Injectable Arm (White)	<b>LF01184U</b>	Venatech IM & Sub Q
<b>LF00855U</b>	Male Catheterization	<b>LF01193U</b>	Special Needs Baby
<b>LF00856U</b>	Female Catheterization	<b>LF03000U</b>	<b>CPARLENE</b> ® Series
<b>LF00901U</b>	Prostate Examination	<b>LF03601U</b>	Adult Airway Management Trainer with Stand
<b>LF00906U</b>	Ostomy Care	<b>LF03602U</b>	Adult Airway Management Manikin
<b>LF00929U</b>	Surgical Bandaging	<b>LF03609U</b>	Child Airway Management Trainer with Stand
<b>LF00957U</b>	Enema Administration	<b>LF03616U</b>	Child <b>CRiSis</b> ™ Manikin
<b>LF00958U</b>	Pediatric Injectable Arm	<b>LF03617U</b>	Deluxe Child <b>CRiSis</b> ™ Manikin with Arrhythmia Tutor
<b>LF00961U</b>	Intramuscular Injection	<b>LF03620U</b>	PALS Update Kit
<b>LF00984U</b>	Breast Examination	<b>LF03623U</b>	Infant Airway Management Trainer with Stand
<b>LF00995U</b>	Arterial Puncture Arm	<b>LF03632U</b>	Child Intraosseous Infusion/ Femoral Access Leg on a Stand
<b>LF00999U</b>	Pediatric Injectable Head	<b>LF03633U</b>	Child Airway Management Trainer Torso
<b>LF01005U</b>	First Aid Arm	<b>LF03693U</b>	<b>Basic Buddy</b> ® CPR Manikin
<b>LF01008U</b>	Intradermal Injection Arm	<b>LF03699U</b>	"Airway Larry" Airway Management Trainer
<b>LF01012U</b>	Heart Catheterization (TPN)	<b>LF03709U</b>	Infant <b>CRiSis</b> ™ Manikin
<b>LF01019U</b>	Ear Examination	<b>LF03720U</b>	<b>Baby Buddy</b> ™ Infant CPR Manikin
<b>LF01027U</b>	Peritoneal Dialysis	<b>LF03750U</b>	Fat Old Fred
<b>LF01028U</b>	Suture Practice Arm	<b>LF03760U</b>	Airway Management/Cricoid Pressure Trainer
<b>LF01034U</b>	Suture Practice Leg	<b>LF03770U</b>	Chest Tube
<b>LF01036U</b>	Spinal Injection	<b>LF03953U</b>	<b>CRiSis</b> ™ Manikin, Complete
<b>LF01037U</b>	Hemodialysis Practice Arm	<b>LF03955U</b>	Deluxe <b>CRiSis</b> ™ Manikin
<b>LF01038U</b>	Episiotomy Suturing Set	<b>LF03956U</b>	Deluxe "Plus" <b>CRiSis</b> ™ Manikin
<b>LF01042U</b>	Suture Kit	<b>LF03965U</b>	Adult <b>CRiSis</b> ™ Auscultation Manikin
<b>LF01062U</b>	Pelvic, Normal & Abnormal	<b>LF03966U</b>	Adult <b>CRiSis</b> ™ Auscultation Manikin with ECG Simulator
<b>LF01063U</b>	Stump Bandaging, Upper	<b>LF04000U</b>	<b>GERI</b> ™/ <b>KERI</b> ™ Manikin Series
<b>LF01064U</b>	Stump Bandaging, Lower	<b>LF04200U</b>	Adult Sternal Intraosseous Infusion
<b>LF01069U</b>	Cervical Effacement	<b>LF06001U</b>	CPR Prompt® Adult/Child Manikin
<b>LF01070U</b>	Birth Station	<b>LF06012U</b>	CPR Prompt® Infant Manikin
<b>LF01082U</b>	Cricothyrotomy	<b>LF06200U</b>	CPR Prompt® Keychain Rescue Aid
<b>LF01083U</b>	Tracheostomy Care	<b>LF06204U</b>	CPR Prompt® Rescue and Practice Aid
<b>LF01084U</b>	Sigmoidoscopic Examination		
<b>LF01087U</b>	Central Venous Cannulation		
<b>LF01095U</b>	Blood Pressure Arm		
<b>LF01108U</b>	Infant Intraosseous Infusion		
<b>LF01121U</b>	Advanced IV Arm		
<b>LF01131U</b>	Venipuncture and Injection Arm		
<b>LF01139U</b>	Advanced IV Hand		
<b>LF01142U</b>	Auscultation Trainer		
<b>LF01143U</b>	Testicular Exam		
<b>LF01152U</b>	Male & Female Catheter		
<b>LF01155U</b>	Advanced CPR Dog		
<b>LF01162U</b>	Venatech IV Trainer		
<b>LF01174U</b>	NG Tube & Trach Skills		

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