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Life/form®

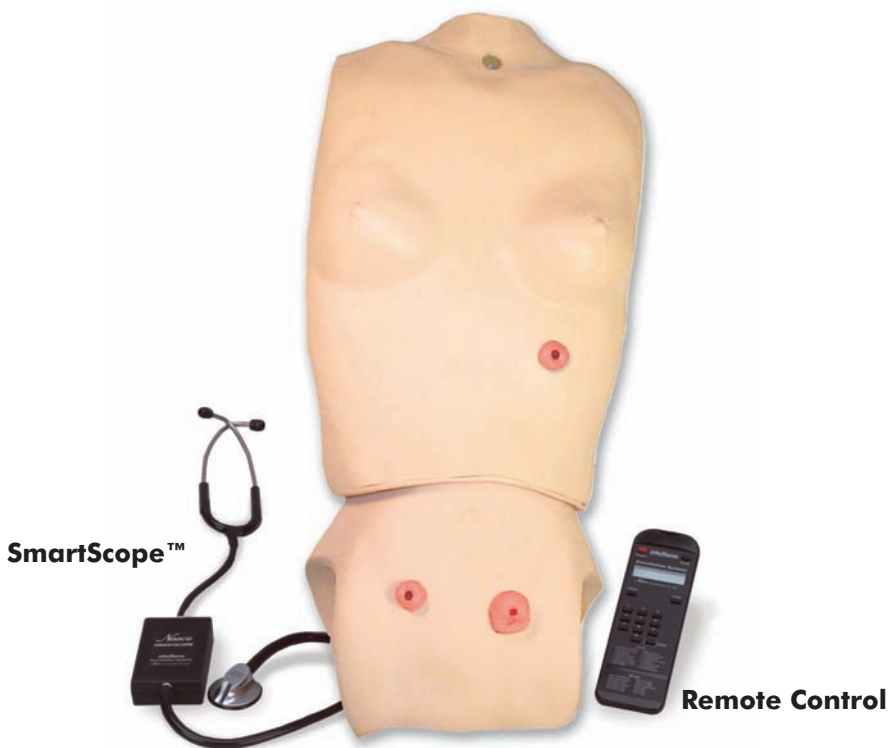


AUSCULTATION MANIKIN UPDATE PACKAGE

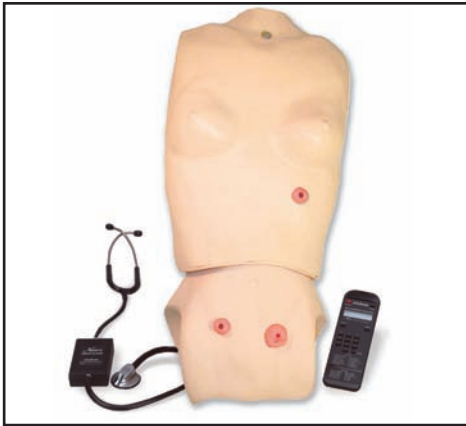
KERi™ — LF04024U

GERi™ — LF04004U

INSTRUCTION MANUAL



Life/form® Products by Nasco



Congratulations for choosing the **GERi™/KERi™** Auscultation Update Package. This simple design makes the manikin easy to use and care for. A diagnosis of the condition selected by the instructor can be made by comparing the variation in sounds occurring at different sites — just like a real person! Lung sounds can be detected at five anterior and 12 posterior locations and students can practice auscultation at six anterior heart sites. Before using this manikin with your students, please familiarize yourself with this manual.

List of Components:

- GERi™/KERi™** Manikin Update
- SmartScope™
- Remote Control



Figure 1

General Instructions For Use:

The **GERi™/KERi™** Update comes ready to be attached to your existing manikin. To do this, you will need to use the arms, legs, and head of your existing manikin. The arms can be removed by bending the

elbows backward approximately 90° to align the keyholes at the shoulders. (See **figure 1.**) Then pull outward away from the shoulder of the manikin. Reverse this procedure to attach the arms to the new **GERi™/KERi™** Auscultation Torso.



Figure 2

The legs detach from the body at the hips by bending the legs backward approximately 150° so that the feet are near the shoulders and the keyholes are aligned. (See **figure 2.**) Then pull outward away from the body. Reverse this procedure to attach to the new torso.

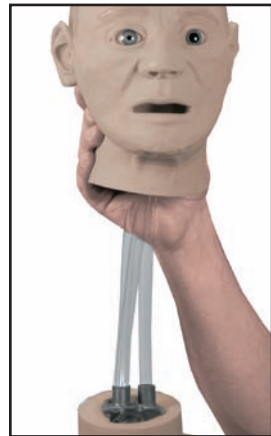


Figure 3

The head may be removed by rotating it 180° backward to align the key holes, and then pulling up. The internal stomach reservoir will come out of the body through the neck opening. Reverse this procedure to attach the head to the new torso.

Gastrostomy Care:

Lavage and Gavage

A flanged hole simulating an abdominal incision for the insertion of a feeding tube is included on the upper torso for performing lavage and gavage. Inside the upper torso is a reservoir (bag) with a maximum capacity of 500 cc. which is attached to the gastrostomy opening with a two-part coupler. The bag is removed by pushing in on the clear L-shaped button and pulling it straight away. To attach, simply push the coupler body (with bag attached) onto the coupler insert (part with a black O-ring) that is protruding from inside the torso. You will hear a slight snap when the connection is complete. With extensive use, these two coupler parts may no longer snap, so the clear L-shaped button will have to be manually pulled all the way out after connecting the two parts. Test the connection by pulling on the coupler body to ensure that it is locked. This gastrostomy feature is designed for use with a 16 French feeding tube. It is recommended that the tip of the feeding tube be lubricated before inserting. Make sure the reservoir is straight and flat before attempting to simulate actual feeding with a liquid.

About the Auscultation Simulator:

The **GERi™ / KERi™** Auscultation Manikin duplicates heart and lung conditions selected by the instructor by wireless remote control. The student should palpate to identify the correct auscultation sites and will hear different heart and lung sounds as the SmartScope™ is moved from site to site.

The simulator has six heart sites, seven lung sound sites on the anterior surface with 10 locations on the posterior surface and midaxillary sites. The remote control can select from 12 different heart conditions, as well as 16 lung conditions. The instructor can select any condition then switch to another condition easily so the student can compare sounds and make a diagnosis.

The remote control does not have to be pointed directly at the manikin or stethoscope to operate. One remote control will operate multiple sets of SmartScopes™ and manikins simultaneously. Great for group instruction. The range of the remote control is up to 100 feet.

General Instructions for Use

To begin using the Auscultation Trainer, press the red power button. This turns on the remote control and sends a signal to activate the stethoscope as well. After the unit is activated, the display will be in the “status” mode, displaying the current menu settings for the heart and lung conditions.

To select a new condition, press either the heart or lung button. This will put the display into the menu mode. The user can select a condition by either using the number buttons, or by viewing the conditions in sequence using the scroll button. After the condition is selected press the enter button to activate.

The remote control can be programmed to these heart conditions:

- 01 Normal
- 02 Aortic regurgitation
- 03 Pulmonary stenosis
- 04 Mitral stenosis
- 05 Holosystolic
- 06 Mid-systolic
- 07 S3 Gallop
- 08 S4 Gallop
- 09 Systolic click
- 10 Atrial septal defect
- 11 PDA
- 12 VSD

The remote control can be programmed to these lung conditions:

- 01 Normal Lung
- 02 Normal Vesicular
- 03 Wheezes
- 04 Mono wheeze
- 05 Fine crackle
- 06 Coarse crackle
- 07 Ronchi crackle
- 08 Stridor
- 09 Cavernous
- 10 Bronchovesicular
- 11 Bronchial
- 12 Pulmonary edema
- 13 Infant
- 14 Friction rub
- 15 Egophony
- 16 Pectoriloquy

Consult the enclosed laminated card for lung and heart sound site locations.

To listen to the selected sounds, place the earpieces in ears angled in a forward position. Place the diaphragm of the SmartScope™ over one of the appropriate sites on the manikin (see diagram on back).

As an alternative, an amplified speaker (SB20146U) can be used allowing an entire classroom to hear at the same time. To connect the speaker, plug the speaker cord into the speaker jack on the top of the Smart Scope™ box. When a speaker is connected to the SmartScope™, the ear pieces will not work. Place the diaphragm of the SmartScope™ over the appropriate sites on the manikin.

Note: The remote has a battery saver that shuts the unit down after 8 minutes if the remote is left on the same setting. To prevent it from shutting down, select a different heart or lung sound within the 8 minute period of time.

Available Supplies

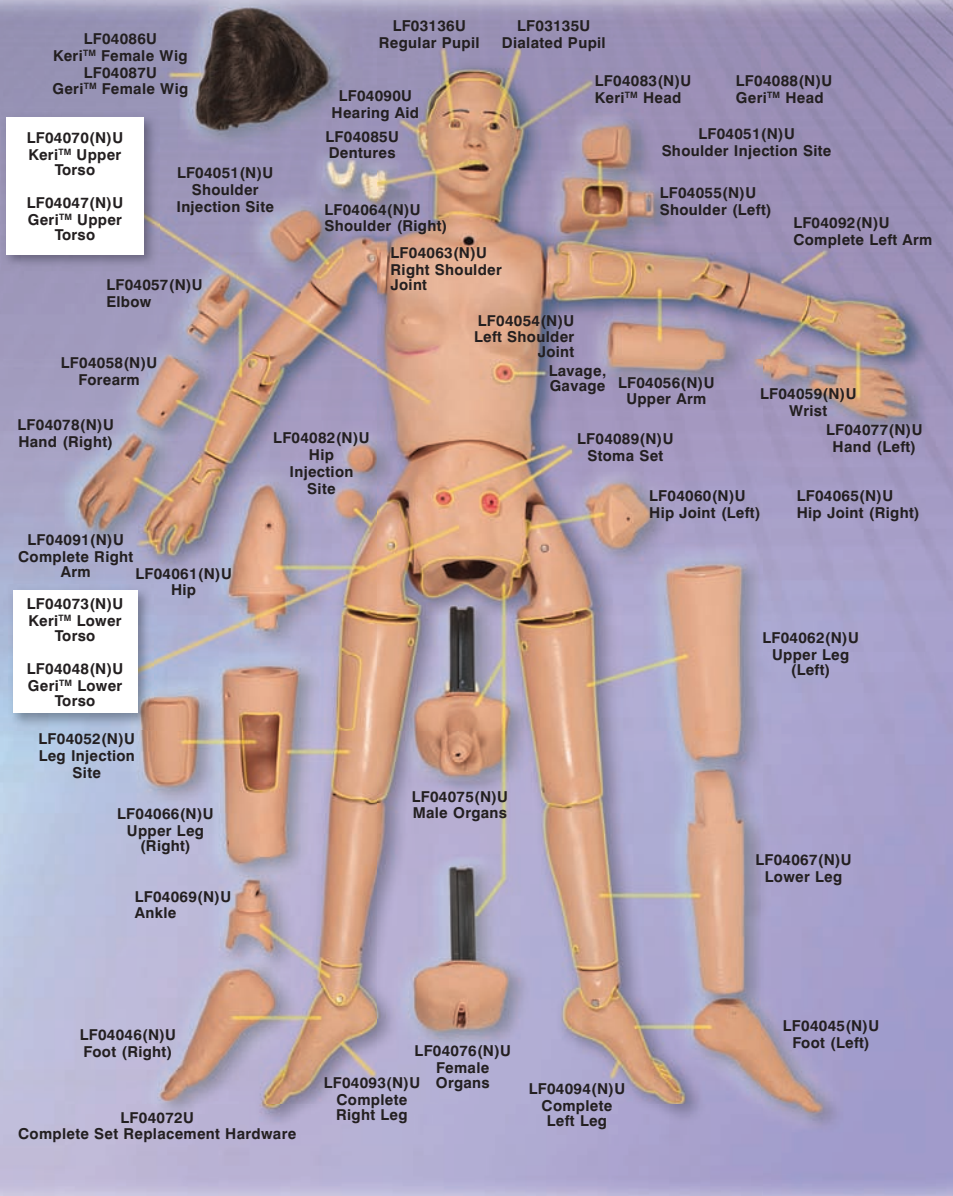
LF01144U Additional SmartScope™

LF01148U Replacement Remote Control

SB20146U Amplified Speaker

GERI™/KERI™ THE NURSING SKILLS MANIKIN

Component Replacement Parts



Other Available **Life/form**® Simulators

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

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