

### 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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*Nasco*  
**Life/form**®



## IMAGING FRACTURE SIMULATOR (upper arm) LF01210U INSTRUCTION MANUAL



*Life/form*® Products by Nasco

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## IMAGING FRACTURE SIMULATOR (upper arm) LF01210U INSTRUCTION MANUAL



*Life/form*® Products by Nasco



Figure 1

### About the *Life/form*. Imaging Fracture Simulator...

An exciting training device designed to aid both radiology educators, as well as radiology students. Educators will be able to enhance hands-on training of identifying radiographic pathology with a tool that will encourage students to utilize their critical thinking skills. Students will be excited to image a body part that will challenge their ability to create optimal images of a bone that demonstrates pathology common to the upper extremity. This life-like upper extremity is uniquely designed to permit the user access to the fracture site in which various fracture types can be easily interchanged. Students can quickly visualize the difference between a spiral fracture and a splinter fracture within minutes of taking the radiographic exposures. The simulator is designed to allow students the capability of rotating the arm easily to place the humerus in routine and special projections common to imaging with protocols. With the *Life/form*. Imaging Fracture Simulator, students will be able to practice positioning skills, technical skills, and critical thinking skills as they produce radiographic images that will make learning anatomy, pathology, and image production an exciting educational experience. Exposure techniques for the simulator are in line with techniques typical to an adult humerus. Students will be able to visualize, create, and reduce bone (anterior/posterior) displacement. Imaging concepts will become easy to understand as students can see how changing the position and/or projection of the X-ray beam alters the perspective



Figure 1

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Figure 2

of the anatomy visualized. Included with the simulator are two interchangeable fracture types (spiral and splinter). Three-year warranty.

### Care of the Trainer:

1. Avoid prolonged exposure to sunlight or excessive heat.
2. Everyday soil may be removed from the arm with a few drops of mild detergent on a wet cloth. Do not submerge or launder the arm. Bones can be washed in soapy water.

### Using the Trainer:

1. Remove the self-fastening straps and open the foam arm.
2. Select a fracture set and place it into the cavity in the back half of the arm. The pieces may be arranged to show varying degrees of displacement. (See Figure 1.)
3. To represent an open fracture, position the distal section of the humerus so that the bone protrudes out the side. (See Figure 2.)
4. Replace the front half of the arm and secure it with the straps. The arm can now be positioned as desired for radiography.

### Replacement Parts:

LF01207U	Replacement Straps, Set of 2
LF01208U	Fracture Simulator, Arm Only
LF01209(A)U	Spiral Fracture, Bone Only
LF01209(B)U	Splinter Fracture, Bone Only



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