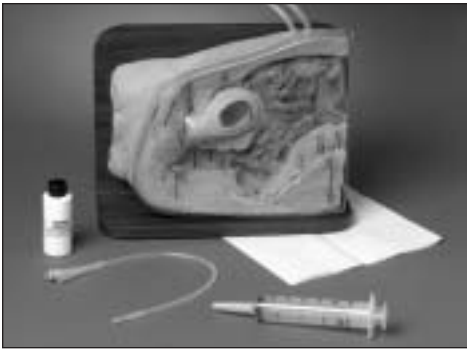




LF01026U CATH-ED II SIMULATOR INSTRUCTION MANUAL



Life/form® Products by NASCO



About the Simulator...

The **Life/form**® Cath-Ed II Simulator, like its companion Cath-Ed I for male catheterization, combines both visual and tactile learning into one compact unit to provide the most advanced training aid available for demonstrating and practicing catheterization of the female.

Accurate representation of anatomical detail is provided and insured in this casting made from molds formed directly from an actual cadaver dissection, prepared by Dr. James Petterson, Professor of Anatomy at the University of Wisconsin Medical School.

The midsagittal dissection allows detailed study of the internal structures and provides students an opportunity to understand what happens when they catheterize a patient. The removable plastic cover identifies key anatomical structures.

In addition to the demonstrated gross anatomy, Cath-Ed II allows realistic practice in catheterization. The vulva has been molded intact to allow practice in identifying the urethra and proper spreading of the labia. A functional bladder has been incorporated to allow simulated urine to flow when the catheter is inserted properly.

Cath-Ed II should provide years of service in training personnel in female catheterization without danger of discomfort to patients.

NOTE: Original sponsorship for the development of this product was furnished by Dover Products.

List of Components

1. **Life/form**® Simulator Lubricant
2. 16 Foley French Catheter
3. 50 cc Syringe

General Instructions for Use

A. Fill Bladder



Figure 1

1. To fill bladder, stand simulator on back, and remove blue plugs from tubing on abdomen. Fill with water through either tube (Figure 1). The bladder will hold approximately 150 cc.

B. Lubrication

1. Proper lubrication is very important, just as it is with a real patient. Before every catheterization, a liberal amount of lubricant should be dispensed onto the catheter.



Figure 2

2. For the first catheterization attempt of each session, it may be necessary to withdraw the catheter after insertion halfway into the urethra, and then to apply additional lubricant to be carried into the final sector of the artificial urethra (Figure 2).

CAUTION: Do not use petroleum based lubricants as they will damage the simulator.

C. Catheterization

1. The Cath-Ed II is designed to accept only 16 Foley French Catheters like the one supplied with the simulator. Location of the urethra, spreading of the labia, and insertion of the catheter can all be practiced realistically. A resistance, similar to the urethral sphincter, will be felt just prior to entrance into the bladder (Figure 3).



Figure 3

2. When placed properly, water will flow from the catheter.
3. Placement of the catheter can be verified visually through the clear bladder window.

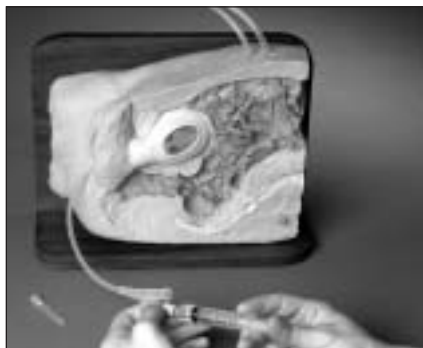


Figure 4

D. Foley Catheters

1. Proper inflation and placement of the Foley catheter cuff can be demonstrated very effectively through the clear bladder window (Figure 4).
2. To prevent damage to the simulator when using the Foley style catheter, be certain that the inflatable cuff is fully inside the bladder before inflating. Never attempt to remove the catheter while cuff is inflated or the delicate simulated urethra will be damaged.
3. After a few inflations, the cuff will be stretched and will interfere with proper operation of the catheter and may cause damage to the simulator. Replace catheters frequently.

Care of Simulator

A. General Cleaning

1. Most dirt and stains can be removed from the vinyl simulator with mild soap and water. Use REN Cleaner (W09919U) to remove stubborn stains from simulator. Simply spray soiled area and wipe clean with a soft cloth or paper towels.
2. The clear plastic cover should be cleaned only with clear water and wiped with a soft paper wipe or facial tissue.
3. Do not use povidone-iodine prep solutions as these will cause permanent staining to the simulator.

B. Cleaning Urethra

1. As the lubricant utilized is water based, it will dry if left in urethra and may be difficult to soften and remove. It is recommended that the collected lubricant be flushed from the inside of the urethra following each usage session. This can easily be done by removing the plastic snap-on cover and squirting tap water through the urethra with a 50 cc bulb syringe.
2. If the lubricant is dried on, it may be necessary to work a small diameter catheter through the urethra while flushing water.

C. Cover Removal

1. To remove the clear plastic cover, pull the bottom lip up (Figure 5). To assemble, line up the self-fastening dots on top with the dots on the simulator. Push into place.

D. Storage and Transportation

1. Before returning the simulator to its storage case, all fluid should be drained. Remove both blue plugs and invert model over sink to drain.
2. Replace both plugs before storing. Never store with catheter inserted in urethra as lubricant will dry out and damage may result upon removal.

Cautions

Solvents or corrosive materials will damage simulator. Never place simulator on any printed paper or plastic. These materials will transfer indelible stains. Ball-point pens will also make indelible stains.

Supplies/Replacement Parts for Cath-Ed II Simulator

W09919U REN cleaner

LF00985U *Life/form*[®] Simulator
Lubricant

Foley Catheter, 16 Fr. 5 cc

LF01127U Pkg. of 1

LF01128U Pkg. of 10



Figure 5

Other Available *Life/form*® Simulators

LF00698U	Adult Injectable Arm (White)	LF03610U	Child Airway Management Trainer Head Only
LF00856U	Female Catheterization	LF03611U	Child Defibrillation Chest Skin
LF00901U	Prostate Examination	LF03612U	Child IV Arm
LF00906U	Ostomy Care	LF03613U	Child Blood Pressure Arm
LF00929U	Surgical Bandaging	LF03614U	Child Intraosseous Infusion/ Femoral Access Leg Only
LF00957U	Enema Administration	LF03615U	Complete Child <i>CRiSis</i> ™ Update Kit
LF00958U	Pediatric Injectable Arm	LF03616U	Child <i>CRiSis</i> ™ Manikin
LF00961U	Intramuscular Injection	LF03617U	Deluxe Child <i>CRiSis</i> ™ Manikin with Arrhythmia Tutor
LF00984U	Breast Examination	LF03620U	PALS Update Kit
LF00995U	Arterial Puncture Arm	LF03621U	Infant Airway Management Trainer Head Only
LF00997U	Adult Injectable Arm (Black)	LF03622U	Intraosseous Infusion Right Leg
LF00999U	Pediatric Injectable Head	LF03623U	Infant Airway Management Trainer
LF01008U	Intradermal Injection Arm	LF03626U	Child Femoral Access Injection Pad Replacement
LF01012U	Heart Catheterization (TPN)	LF03627U	Child <i>CRiSis</i> ™ Replacement Lung Set
LF01019U	Ear Examination	LF03628U	Child <i>CRiSis</i> ™ Replacement Stomach
LF01020U	Supplementary Ear Set	LF03629U	Child IV Arm Replacement Skin and Veins
LF01025U	Male Cath-Ed I	LF03630U	Child Arrhythmia Tutor
LF01026U	Female Cath-Ed II	LF03631U	Child Airway Management Trainer Replacement
LF01027U	Peritoneal Dialysis		Headskin
LF01028U	Suture Practice Arm	LF03632U	Child Intraosseous Infusion/ Femoral Access Leg on a Stand
LF01036U	Spinal Injection	LF03633U	Child Airway Management Trainer with Torso
LF01053U	Cross-Sectional Anatomy, Torso, Head	LF03650U	<i>CRiSis</i> ™ Manikin
LF01054U	Cross-Sectional Anatomy, Head	LF03651U	ALS Update Kit
LF01062U	Pelvic, Normal & Abnormal	LF03675U	BLS Manikin — 10 Pack
LF01063U	Stump Bandaging, Upper	LF03676U	BLS Manikin — 5 Pack
LF01064U	Stump Bandaging, Lower	LF03677U	BLS Manikin — Single
LF01068U	Brachial Plexus	LF04001U	<i>GERi</i> ™ Nursing Manikin
LF01069U	Cervical Effacement	LF04020U	<i>KERi</i> ™ Nursing Manikin
LF01070U	Birth Station	LF04021U	<i>KERi</i> ™ Basic Manikin
LF01082U	Cricothyrotomy	LF04022U	<i>KERi</i> ™ Advanced Manikin
LF01083U	Tracheostomy Care	LF04030U	<i>GERi</i> ™ Advanced Manikin
LF01084U	Sigmoidoscopic Examination	LF04040U	<i>GERi</i> ™ Basic Manikin
LF01087U	Central Venous Cannulation		
LF01094U	Cross Sectional Anatomy — Laminated		
LF01095U	Blood Pressure Arm		
LF01108U	Intraosseous Infusion Simulator		
LF03000U	<i>CPARLENE</i> ® Series		
LF03601U	Adult Airway Management Trainer		
LF03602U	Adult Airway Management on Manikin		
LF03603U	Adult Airway Management Head Only		
LF03609U	Child Airway Management Trainer		

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