

# In-Service Home Care Training Simulator

## Directions for Use



**Laerdal**<sup>™</sup>  
*helping save lives*



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The In-Service Home Care Training Simulator is the lifelike pelvis reproduction of a male patient. It is specifically designed for training professionals in the practice of outpatient service, public health, and home health care.

As a result of quality construction and the ease of replacing individual parts, this simulator should provide many years of training when reasonable care and maintenance is practiced.

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**Laerdal Recommends:**

Urethral Catheterization - Size 16 French Catheter

Enema Simulation - 7mm catheter

**Items Included:**

- (1) Pelvis with upper legs
- (1) Male genitalia
- (1) Female genitalia
- (3) Anal valves
- (3) Urinary valves
- (1) Catheterization reservoir
- (2) Decubitus ulcer modules
- (1) Thigh packing and irrigation module
- (1) Thigh debridement module
- (1) Surgical belly plate with colostomy stoma
- (1) Colon reservoir
- (1) Gluteal injection pad
- (1) Ventro-gluteal injection pad
- (2) Thigh injection pads
- (1) Carry Case

**Skills taught:**

- Catheterization
- Enema Simulation
- Thigh packing and irrigation
- Thigh debridement
- Intramuscular injection sites on gluteal, ventro-gluteal, and both thighs

- Ostomy care

**Abdominal Module:**

The abdominal module fits into the lower torso by means of a ledge on plate and corresponding groove on torso cavity.

**To Remove:**

Apply pressure to center of the plate, while working your fingers under edge of the plate and lifting out.

**To insert:**

Position the plate over the cavity and work the edges into the groove on the torso cavity.

The abdominal module also contains the urinary reservoir and colostomy stoma.

**To fill the reservoir:**

Remove the colostomy stoma on left side, fill reservoir and reinsert stoma.

**Injection Pads:**

Squeeze pad together with fingers and pull out to remove. To replace, reverse the procedure.

**Hip Joints:**

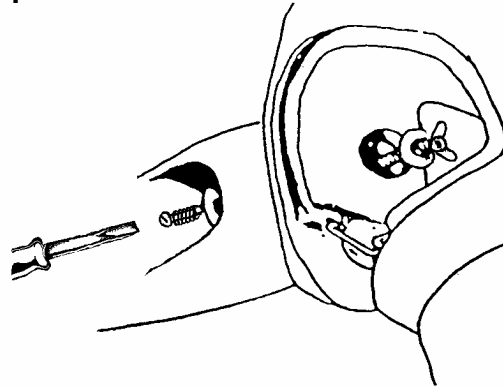
The hip joints are attached using a bolt, a spring, two washers and a wing nut.

**To attach thighs:**

1. Locate envelope containing attachment hardware.
2. Remove abdominal module from module to locate hole in the hip.
3. Remove thigh injection pad.

4. Slide a spring and washer onto the bolt and insert bolt through hole in the pelvis.
5. Slide the washer and the wing nut over the bolt. Use a screwdriver to drive the bolt into the wing nut (Figure1).

**Fig. 1**



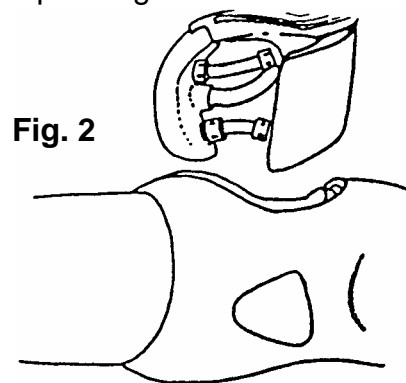
To remove the thighs, reverse the procedure.

### **Genitalia:**

Both male and female genitalia have been provided for urinary catheterization and enema training procedures.

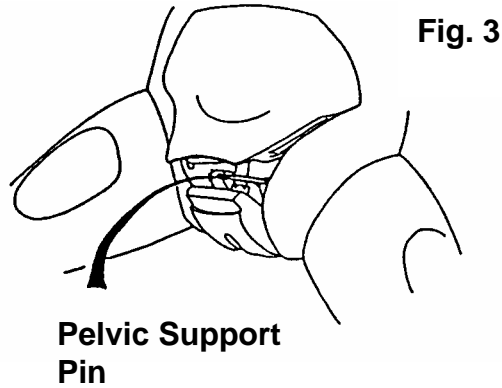
Tube-like valves, with a screw cap on one end, connect urethra and anus to corresponding reservoirs. This cap must be connected to genitalia openings. Soft vinyl end of connector

is attached to urinary and anal reservoirs with a white clamp. (**Long valve connects urinary reservoir; short valve connects anal reservoir.**) (Figure 2)



**Fig. 2**

Pelvic support pin must be removed and replaced immediately when assembling and disassembling genitalia.  
(Figure 3)



**Laerdal**  
**Recommends**

**Pelvic support pin must be replaced.**

Failure to replace pin will result in pelvic spread.

If this occurs, the genitalia module will no longer fit properly.

**To assemble:**

1. Screw both valves onto genitalia. (When attaching valves, be sure alignment of genitalia, urinary reservoir (belly plate) and colon reservoir are as illustrated in Photo 1.)
2. Lift up on edge of belly plate.
3. Pull down upper portion of genital.
4. Insert into pelvic cavity.
5. Replace the pelvic support pin.
6. Press belly plate into position.

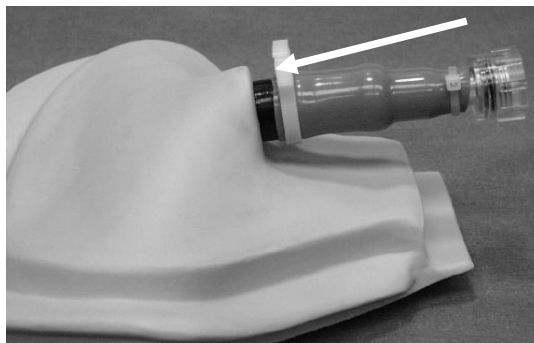
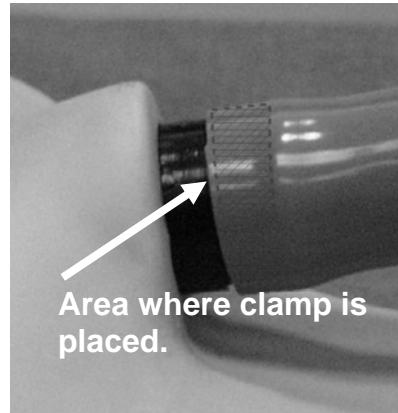
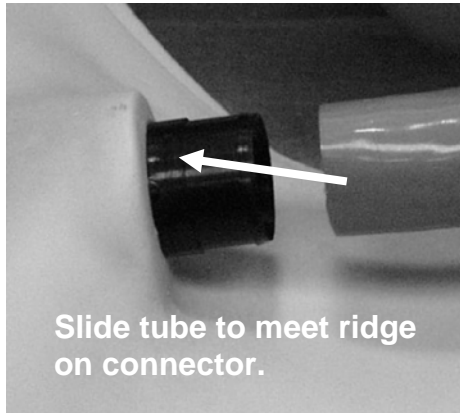
**Photo 1**



**See Photo Diagram of genitalia assembly on next page.**

**To disassemble:**

1. Lift up on belly plate.
2. Pull upper portion of genitalia back to remove pelvic support pin.
3. Belly plate, genitalia with connectors, and colon reservoir may now be removed simultaneously.



Apply clamp and squeeze to tighten.

**Long valve connects urinary reservoir; short valve connects anal reservoir.**

**Urinary Catheterization and Enema Simulation:**

For best results, catheters should be well lubricated with manikin lubricant or full strength liquid soap prior to using. After several uses, catheters may tend to “hang” when the water has washed away the lubricant causing friction and binding. If this occurs, generously lubricate a hard catheter and insert into the anal or the urethral openings several times.

**Laerdal  
Recommends:**

Size 16 French Catheter for urethral catheterization

7mm catheter for enema

Use warm water in reservoirs to keep soap from clogging catheters. Make sure reservoirs are well drained of all water before disconnecting valves.

### **Care and Maintenance:**

1. Clean with mild soap and water; do not submerge manikin, modules or parts in cleaning fluids or water.
2. Use only on clean surface. Avoid felt tipped markers, ink pens, acetone, iodine or other staining products and avoid placing the manikin/module on newsprint or inked lines of any kind.
3. To ensure longevity, each manikin/module should be cleaned after each training session and a general inspection should be conducted regularly.
4. Modules and all other parts should be drained and air-dried thoroughly before storage and disinfected when needed. After use of injection pads (*use water only*), accumulated water should be squeezed out. **Do not store wet foam pads in the skin.** To prevent mildew or mold, pads can be soaked in a mild solution of disinfectant and water or bleach and water. Squeeze excess solution from pads, allow them to dry, then store or reinsert in manikin/module.
5. Articulating parts will benefit from a light application of talcum powder prior to training sessions.
6. Store properly between teaching sessions.

### **Warranty**

Laerdal Medical warrants to the purchaser that its products are free from defects in material and workmanship for a period of one (1) year from the date of purchase by the original user. During the designated one (1) year period, Laerdal Medical will, upon receipt of a product found to be defective due to materials or workmanship from the purchaser and notification in writing of the defect, at its option repair or replace any parts found to be defective or the entire product. Warranty period does not renew with replacement or repair of original product.

Products found to be defective and notification of defects may also be sent to the authorized Laerdal Medical dealer from whom the product was purchased. All postage, shipping or handling charges shall be the sole responsibility of the purchaser.

Laerdal Medical is responsible for the effects of safety, reliability and performance of its product(s) only if:

- service, repair, readjustment or modification is carried out by Laerdal Medical or persons authorized by Laerdal Medical.
- the electrical installation of the room where the product is used complies with pertinent equipment requirements.
- the product is used in the proper manner in strict compliance with its Directions for Use.

Laerdal Medical shall not be liable under this warranty for incidental or consequential damages, or in the event any unauthorized repairs or modifications have been made or attempted, or when the product, or any part thereof, has been damaged by accident, misuse or abuse. This warranty does not cover batteries, fuses, normal wear and tear, excessive use, staining, discoloration or other cosmetic irregularity which does not impede or degrade product performance.

Some states in the USA do not allow the exclusion or limitation of incidental or consequential damages, so those limitations or exclusions may not apply to you.

There are no other express or implied warranties, whether of merchantability, fitness or purpose, or otherwise, on the product, its parts and accessories.

## Replacement Parts:

<b>Number</b>	<b>Product</b>
380460	Blank Genitalia
380475	Pelvis Pin
381411	Thigh Packing and Irrigation Module
381414	Gluteal Decubitus Ulcer
381415	Ventro-Gluteal Ulcer Decubitus
381417	Thigh Debridement
300-00150	Thigh Injection Pad
300-00250	Ventro-Gluteal Injection Pad
300-00350	Gluteal Injection Pad
300-00450	Anal Valve
300-00550	Urinary Valve
300-01450	Pelvis
300-02150	Belly Plate 3 Stomas
300-02250	Adult Reservoir
300-03850	Male Genitalia
300-03950	Female Genitalia
375-21150	Stump, Thigh Adlt Sam/Suzy Left
375-21250	Stump, Thigh-Adlt- Sam/Suzy Right

Please contact Customer Service Representatives for more information on Replacement Parts in other skin tones

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