

Interchangeable Catheterization and Enema Trainer

Directions for Use

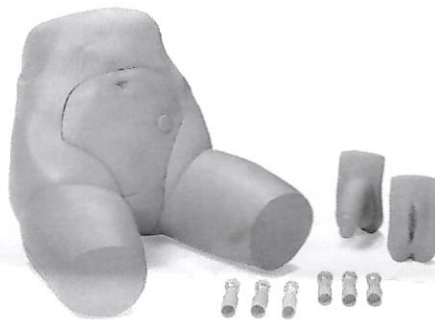


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Introduction

The Interchangeable Enema and Catheterization Trainer (375-21001) is a life-like, vinyl female pelvis, designed to teach enema and urinary catheterization procedures.

The manufacturing quality of this simulator should provide many sessions of training when reasonable care and maintenance is practiced.

Laerdal Recommends

Urethral Catheterization – 16 French
Enema Catheterization – 7mm



Caution: Latex

This product contains **Natural Rubber** latex which may cause allergic reactions when in contact with humans.

Items Included

- (1) Interchangeable Catheterization and Enema Trainer
- (1) Male genitalia assembly
- (1) Female genitalia assembly
- (1) Enema reservoir assembly
- (3) Urinary valve assemblies
- (3) Anal valve assemblies
- (2) Thigh Pads
- (1) Ventro-Gluteal Pad
- (1) Dorsal-Gluteal Pad
- (1) Carry Case
- (1) Laerdal Global Warranty Booklet
- (1) Directions for Use

Skills Taught

- Urinary catheterization procedures
- Enema procedures
- Intramuscular injections:
 - Ventro-gluteal
 - Dorsal-gluteal
 - Thighs

Belly Plates

The belly plate fits into the lower torso by a ledge on the plate and corresponding groove on the torso cavity.

To remove:

Pull out plate out by applying pressure to center of plate then work fingers under edge of plate and lift out.

To insert:

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

Injection Pads

To remove:

Squeeze pad with fingers and pull.

To insert:

Squeeze pad with fingers and insert.

Hip Joints

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

To remove thighs:

- a. Remove belly plate from trainer.
- b. Remove thigh injection pad from thigh.
- c. Remove wing nut and washer from bolt. (Leave spring assembly in thigh.)
- c. Remove bolt.

To attach thighs:

- a. Remove belly plate from manikin to locate hole in hip.
- b. Remove thigh injection pad from thigh.
- c. Remove wing nut and washer from bolt already inserted in thigh. (Leave spring assembly in thigh.)
- d. Insert bolt through hole in pelvis.
- e. Slide washer and wing nut back over bolt.
- f. Use a screwdriver to drive bolt into wing nut. (Figure 1)

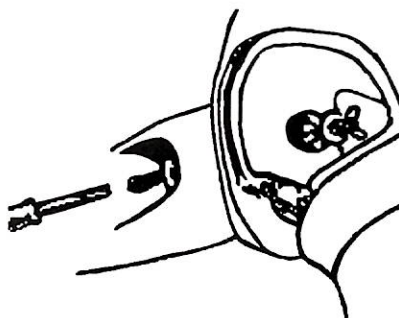


Figure 1

Genitalia

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

Valve tubes, with a screw cap on one end, will 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 C-clamp. (Long valve connects urinary reservoir; short valve connects anal reservoir.)

Pelvic support pin must be removed and replaced immediately when assembling and disassembling genitalia. (Figure 2)

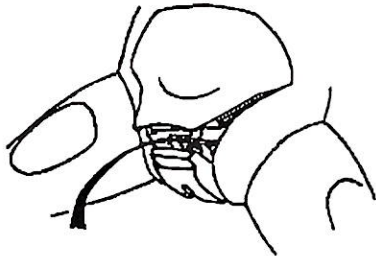


Figure 2

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 in the manikin.

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.

To assemble: (Photos 1, 2 & 3)

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 Figure 3).
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.

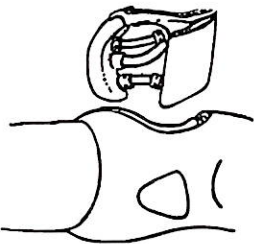


Figure 3

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

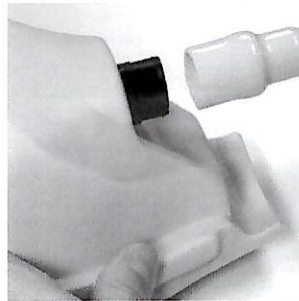


Photo 1 (Slide tube to meet ridge on connector.)

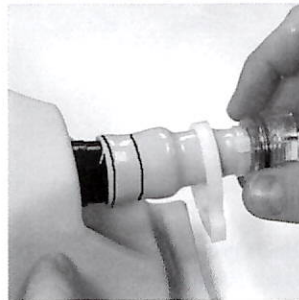


Photo 2 (Area where clamp is placed.)

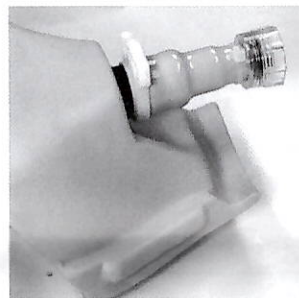


Photo 3 (Apply clamp and squeeze to tighten.)

Urinary Catheterization and Enema Simulation

Catheters should be well lubricated with manikin lubricant or full strength liquid soap prior to using.

If catheter hangs during removal, work it with an "in and out" motion. Use warm water in reservoirs when possible to keep soap from clogging the catheters. Make sure reservoirs are well drained of all water before disconnecting valves.

A size 16 French catheter is suggested for urethral catheterization.

Size 7mm catheter is suggested for enema simulation.

Care and Maintenance

1. Clean with mild soap and water; do not submerge manikin, module 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 module/manikin on newsprint or inked lines of any kind.
3. To ensure longevity, each manikin and module/manikin 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.
5. Articulating parts will benefit from a light application of talcum powder prior to training sessions.
6. Store properly between teaching sessions.

Replacement Parts

<u>Product Number:</u>	<u>Description:</u>
380475.....	Pelvis Pin
300-00150.....	Adult Thigh Pad Assembly
300-00450.....	Adult Anal Valve/Clamp Set (Hosp/CVK Style)
300-00550.....	Adult Urinary Valve/Clamp Set
300-02250.....	Adult Colon Reservoir (New Style)
300-03850.....	Adult Male Genitalia
300-03950.....	Adult Female Genitalia
325-00150.....	Adult Female Ventro Gluteal Pad
325-00250.....	Adult Female Dorsal Gluteal Pad
325-02650.....	Pelvis - (w/o Bridge)
301-10250.....	Abdominal Plate Cover (1 hole)
375-21150.....	Left Adult Thigh Stump, Sam/Suzy
375-21250.....	Right Adult Thigh Stump, Sam/Suzy

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



This product is in compliance with the essential requirements of Council Directive 89 / 336 / EEC; EMC Directive.



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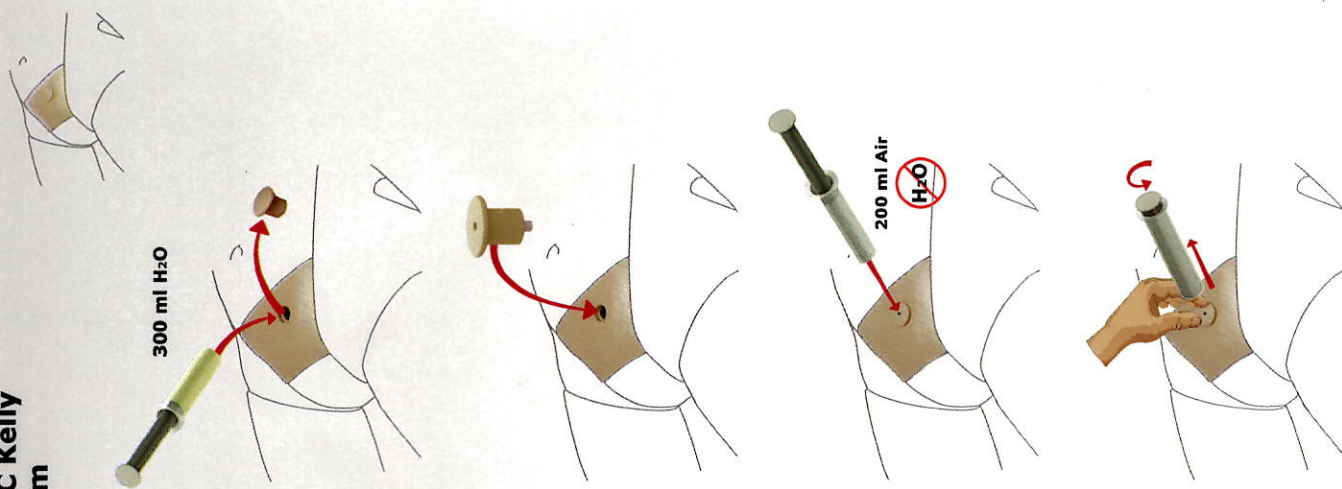
Setup Guide

Urinary Catheterization



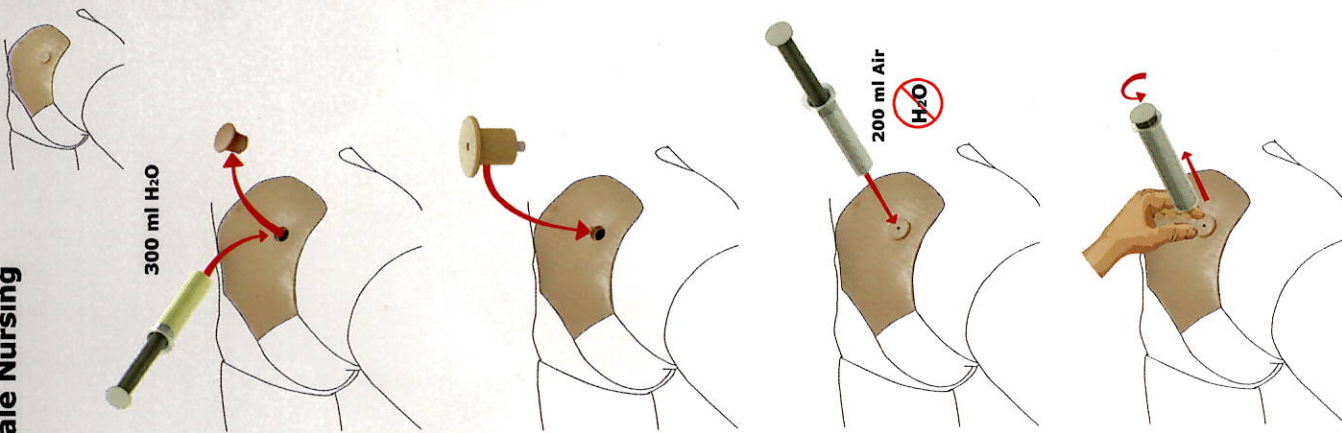
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ALS/MC Kelly Platform

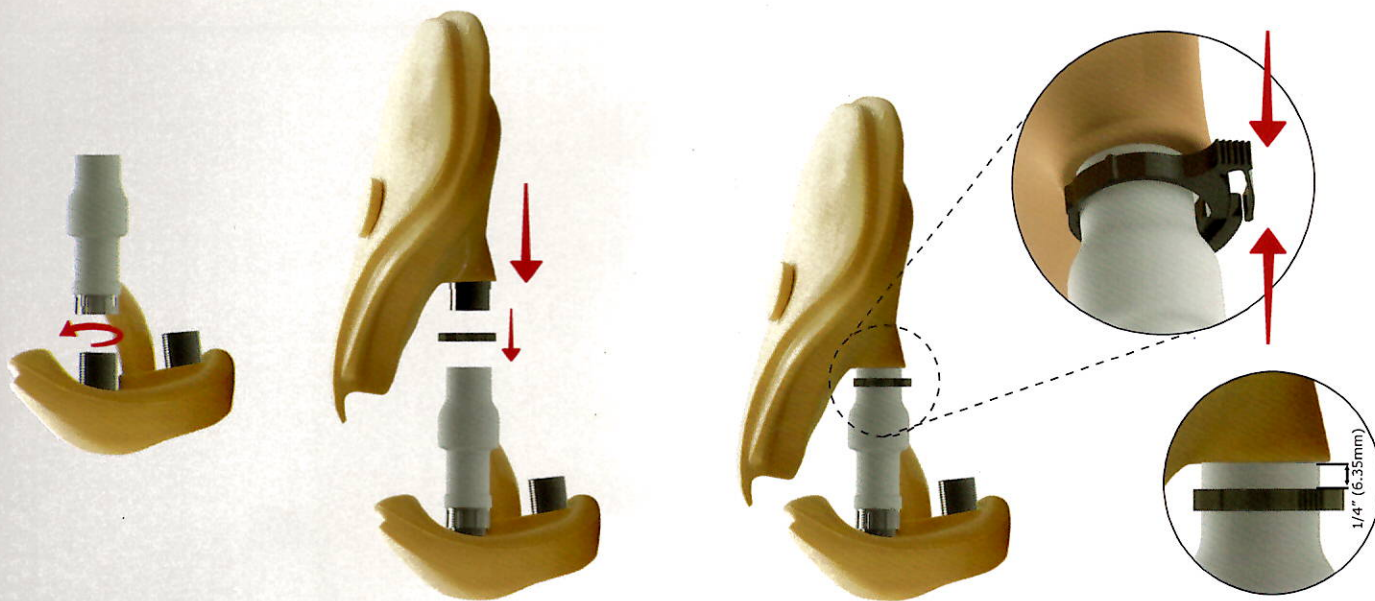


Ready for Simulation

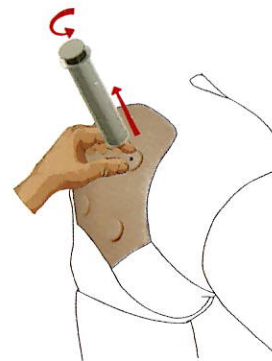
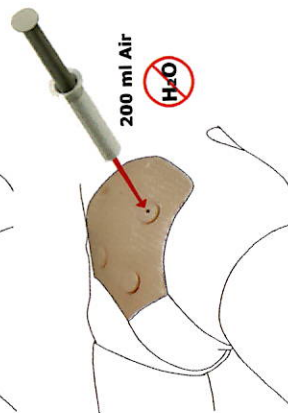
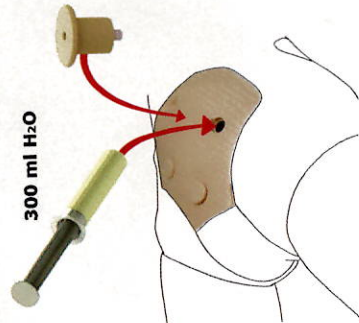
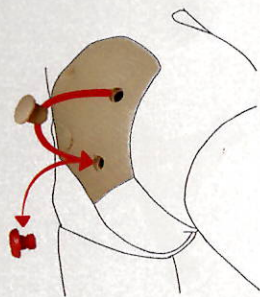
Male/Female Nursing Platform



Ready for Simulation



Stoma Platform



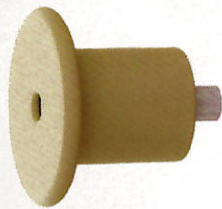
Ready for Simulation

Cleaning and Care:

Use only **isopropyl alcohol** on all parts.

Storage:

Dry all items before storing. One teaspoon of isopropyl alcohol may be added to the bladder to prevent mold growth.



Plug with Valve
(To Pressurize)

⚠ Do not insert needles or sharp objects inside plug.



Solid Plug



Plug with Vent



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