

Interchangeable Catheterization and Enema Simulator

Directions for Use



Laerdal[™]
helping save lives

Table of Contents

Laerdal Recommends	4
Items Included	4
Skills Taught	
4	
Belly Plate	5
Injection Pads	5
Hip Joints	5
Genitalia	6
Urinary Catheterization & Enema Simulation	
7	
Care and Maintenance	8
Warranty	8
Replacement Parts	
10	

The Interchangeable Enema and Catheterization Simulator is a life-like, vinyl female pelvis, designed to teach enema and catheterization procedures.

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

Laerdal Recommends

Urethral Catheterization – 16 French

Enema Catheterization – 7mm

Items Included:

- (1) Interchangeable catheterization pelvis
- (1) Male genitalia assembly
- (1) Female genitalia assembly
- (1) Enema reservoir assembly
- (3) Urinary valve assemblies
- (3) Anal valve assemblies
- (2) Thigh Pads
- (1) Vento-Gluteal Pad
- (1) Dorsal-Gluteal Pad
- (1) Carry Case

Skills Taught:

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

Belly Plate:

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 replace:

Squeeze pad with fingers and insert.

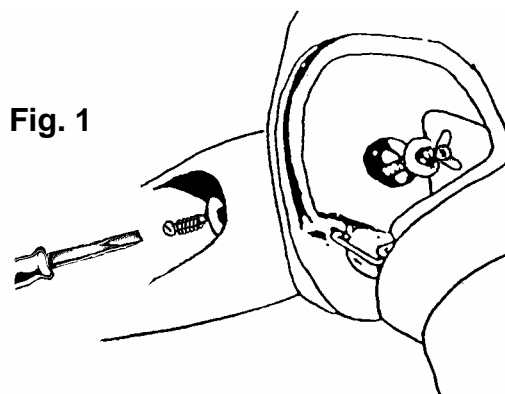
Hip Joints:

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

To 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)



To remove thighs:

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

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)

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 in the manikin.

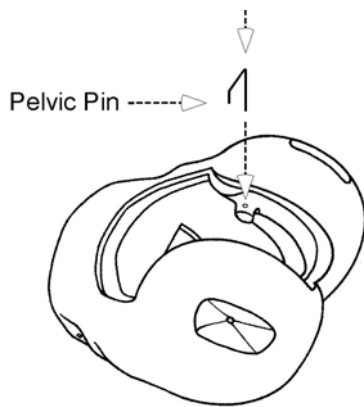


Fig. 2

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 Figure 3)
2. Lift up on edge of belly plate.
3. Pull down upper portion of genitalia
4. Insert into pelvic cavity.
5. Replace the pelvic support pin.
6. Press belly plate into position.

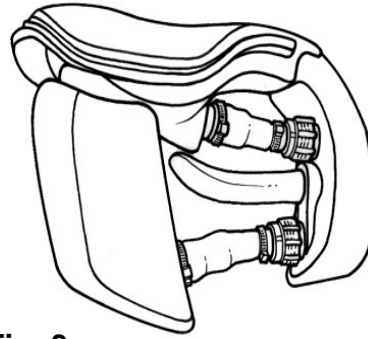


Fig. 3

To disassemble:

1. Lift up on belly plate.
2. Pull upper portion of genitalia back to remove pelvic support pin.

Belly plate, genitalia with connectors, and colon reservoir may now be removed simultaneously.

Urinary Catheterization and Enema Simulation –

**Laerdal
Recommends:**

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

After several uses, catheter may “hang” when water has washed away lubricant, causing friction and binding. If this occurs, generously lubricate a catheter and insert into urethra several times.

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.

Laerdal Recommends:

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 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.

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:

380475	Pelvis Pin
300-00150	Pad Assy, Adlt-Thigh
300-00450	Valve/Clamp Set, Anal Hosp-U/A CVK Adult
300-00550	Valve/CLAMP SET, Urinary Hosp Adult
300-02250	Rsvr Assy, Colon-Hosp N/S Adlt Mnkn
300-03850	Genitalia Assy, AM
300-03950	Genitalia Assy, AF
325-00150	Pad Assy, AF-Ventral Gluteal
325-00250	Pad Assy, AF-Dorsal Gluteal
325-02650	Pelvis, Hospital W/O Bridge
375-21150	Stump, Thigh, Adlt, Sam/Suzy-Lft
375-21250	Stump, Thigh, Adlt, Sam/Suzy-Rt

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

(C) Copyright Medical Plastics Laboratory, Inc.,
Document #1004641 rev A
March 19, 2003

Norway: LAERDAL MEDICAL AS
P.O. Box 377, N-4002 Stavanger
Tel. +47 51 51 17 00, Fax +47 51 52 35 57
E-mail: laerdal.norway@laerdal.no

Australia: LAERDAL Pty. Ltd. (ABN 47 003 817 490)
23 Edward Street, Oakleigh, Victoria 3166
Tel. +61 3 9569 4055, Toll free 1800 331 565
Fax +61 3 9569 4028, Toll free 1800 635 835
E-mail: customer.service@laerdal.com.au

Benelux: "The Laerdal BeNeLux House"
Dijkstraat 54, NL-5554 PS VALKENSWAARD
Tel. +31 40 208 58 00, Fax +31 40 208 58 02
E-mail: laerdal.benelux@laerdal.nl

Benelux: Belgium and Luxembourg
LAERDAL BeNeLux NV
Mechelsesteenweg 277, B-1800 VILVOORDE
Tel. +32 2 253 36 96, Fax +32 2 253 36 90
E-Mail: info@laerdal.be

Canada and Latin America:
LAERDAL MEDICAL CANADA LTD.
151 Nashdene Rd., Unit #45
Toronto, ON, Canada, M1V 4C3
Tel. +1 (416) 298-9600,
Toll free 888/LAERDAL (523-7325)
ou en français (800) 567-9987
Fax +1 (416) 298-8016
E-mail: savelives@laerdal.ca

Denmark: LAERDAL DANMARK
Postbox 225, DK-8600 Silkeborg
Tel. +45 80 333 112, Fax +45 80 333 555
E-mail: laerdal.denmark@laerdal.no

Eastern Europe: LAERDAL C.E. EUROPE
A-1060 Vienna, Mariahilferstr. 1d/1/3
Tel - Fax +43 15877140, Tel. +43 15815927
E-mail: mstam@aon.at

Far East: LAERDAL Singapore Pte Ltd
No 1 Marine Parade Central
#13-05, Parkway Centre Singapore 449408
Tel. +65 63464259, Fax +65 63467523
E-mail: admin@laerdal.com.sg

Finland: LAERDAL OY
Vattuniemenranta 2, 00210 HELSINKI
Puhelin +358 (0)9-612 99 80,
Telekopio +358 (0)9-692 77 99
E-mail: laerdal.finland@laerdal.no

France: LAERDAL MEDICAL FRANCE
1 rue des Vergers - Bâtiment n° 5 - 69578 Limonest
Cedex
Tél. +33 (0)4 72 52 02 52, Fax +33 (0)4 78 35 38 45
E-mail: laerdal.france@laerdal.no

Germany: LAERDAL MEDICAL DEUTCHLAND GmbH
Am Lofefeld 56, 81249 München
Tel. +49 (0)89 / 864 954-0, Fax +49 (0)89 / 864 34 84
E-mail: info@laerdal.de

Italy: LAERDAL ITALIA s.r.l.
Via Piero Gobetti 52/2 int.Z, 40129 Bologna
Tel. +39 051-355587, Fax +39 051-355598
E-mail: laerdal.italia@laerdal.no.

Japan: LAERDAL MEDICAL JAPAN K.K..
Shinjuku IS Bldg.. 8F
2-13-12, Shinjuku, Shinjuku-ku, Tokyo 160-0022
Tel. 81-3-5919-2121, Fax: 81-3-5919-2122
E-mail: laerdal.japan@laerdal.co.jp

Malaysia: LAERDAL HOSPILINE Sdn Bhd
12 Jalan Titir 33/25, Section 33, Shah Alam Technology Park,
40400 Shah Alam, Selangor Darul Ehsan,
Tel +60 (3) 5122-7002, Fax +60 (3) 5122-5650
E-mail: customer.service@Laerdal.com.my

New Zealand: LAERDAL NEW ZEALAND Ltd
(GST Number 79-403-636)
PO Box 302664, North Harbour, Auckland 1330
Tel. +61 3 9564 4066, Toll free 0800 523 732
Fax +61 3 9563 3368, Toll free 0800 528 852
E-mail: customer.service@laerdal.co.nz

Portugal: LAERDAL ESPANA, Sucursal em Portugal
Rua da Bela Vista à Graca, no.31 A. Escritorio 9,
1170-054 Lisboa
Tel. (+351)-21-816-6567, Fax (+351)-21-816-6568,
Mob. (+351)-918765367

Spain: LAERDAL ESPANA, S.L.
Manuel Tovar 19, 28034 Madrid
Tel. (+34) 902-291110, Fax (+34) (91)-7291125
E-mail: laerdal.spain@laerdal.no

Sweden: LAERDAL MEDICAL AB
Box 2064, Paviljongvägen 3-5, 132 02 Saltsjö-Boo
Tel. +46 (0)8-55614610, Fax +46 (0)8-55614619
E-mail: Laerdal.sweden@laerdal.se

United Kingdom: LAERDAL MEDICAL LTD.
Laerdal House, Goodmead Road, Orpington,
Kent BR6 0HX
Tel. +44 (0)1689 876634, Fax +44 (0)1689 873800
E-mail: customer.service@laerdal.co.uk

USA
LAERDAL MEDICAL CORPORATION
167 Myers Corners Road, P.O. Box 1840
Wappingers Falls, New York 12590-8840
Tel. (800) 431-1055, +1 (845) 297-7770
Fax (800) 227-1143, +1 (845) 298-4545
E-mail: customerservice@laerdal.com

LAERDAL TEXAS
P.O. Box 38, 226 FM 116 South
Gatesville, Texas 76528-0038
Tel. (800) 433-5539, (254) 865-7221
Telefax (254) 865-8011
E-mail: services@mpltx.com