

Pneumothorax Trainer

Directions for Use



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helping save lives

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The Pneumothorax Trainer is a lifelike manikin which realistically simulates a patient. It is specifically designed for training professionals in the practice of tension pneumothorax decompression at the bilateral mid-axillary and bilateral mid-clavicular sites.

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

Items Included:

- (1) Pneumothorax Trainer
- (1) Bladder Replacement Kit
- (1) Tank Top
- (1) Carry Case

Skill Taught:

- Tension Pneumothorax Decompression

Preparing Manikin for Use:

Tension Pneumothorax Cuff Inflation:

1. Locate inflation bulb on right side of manikin.
2. Tighten air release knob so that as you pump bulb, no air escapes.
3. Pump bulb 12 to 15 times to prepare four (4) sites for decompression.
4. Insert IV catheter, per your local training protocol.
5. When correct site is “decompressed,” air can be heard/observed passing through catheter.

Replacement Instructions:

Tension Pneumothorax Decompression

(A) Bilateral Mid-Clavicular Sites:

1. Remove chest skin from torso.
2. Lift chest plate exposing underside.
3. Remove screws that secure Velcro® strap (Figure 1)

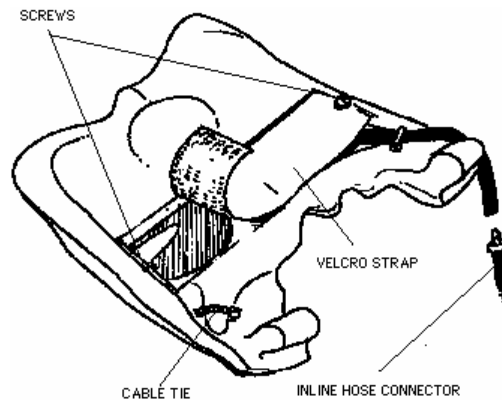


Fig. 1

4. Remove foam pads.
5. Disconnect bladder hose from inline hose connector, being sure hose does not fall through hole and into torso.
6. Remove bladder from site cavity and slip hose out of cable tie.
7. Trim bladder tubing to match original tubing length to fit this manikin style. Insert new

- pneumothorax bladder into site cavity and reposition hose under cable tie.
8. Reconnect hose to inline hose connector.
 9. Replace foam pads over pneumothorax bladders.
 10. Secure Velcro® strap to chest plate with screws removed previously.
 11. Return chest plate to proper position on torso.
 12. Replace chest skin over torso, being sure to secure skin at shoulders.
 13. Fill puncture marks on the exterior of the chest skin with the modeling wax. (Supplied in Bladder Replacement Kit.)

(B) Bilateral Mid-Axillary Sites:

1. Remove chest skin from torso.
2. Remove pneumo pad from side of torso (Figure 2)
3. Disconnect bladder hose from inline hose connector, being sure hose does not fall through hole and into torso.
4. Remove bladder from pneumo pad and discard.
5. Trim bladder tubing to match original tubing length to fit this manikin style. Connect new bladder hose to inline hose connector.
6. Insert new pneumo bladder into pneumo pad.
7. Replace chest skin over torso, being sure to secure skin at shoulders.

8. Fill

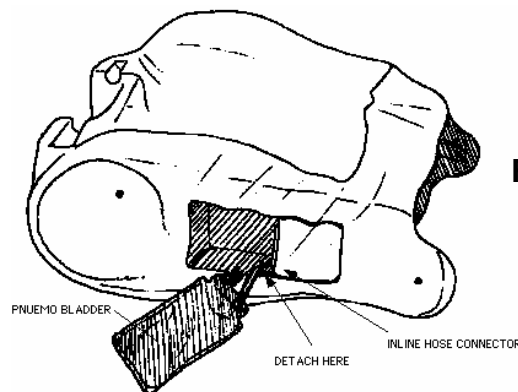


Fig. 2

puncture marks on exterior of chest skin with modeling wax.

NOTE: Bladders can be repaired using vulcanized or contact cement glue (*not provided*). Cover punctured surface of pneumo bladders with glue. Allow to air dry completely.

Care and Maintenance:

1. Clean with mild soap and water; do not submerge manikin 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 on newsprint or inked lines of any kind.
3. To ensure longevity, each manikin and module should be cleaned after each training session and a general inspection should be conducted regularly.
4. Articulating parts will benefit from a light application of talcum powder prior to training sessions.
5. 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:

<u>Product Number:</u>	<u>Description:</u>
200-02550	Pad, Pneumo-Rt Advanced, ALS Torso
200-02450	Pad, Pneumo-Lft, Advanced, ALS Torso
200-02650	Spring, Compression- Advanced, ALS/SimMan
380445	Shaft, Compression- SimMan/Advanced AM ALS
301-10150	Chest plate Assy, Pneumo Advanced ALS Torso
261-05101	Chest plate Assy, Pneumo Advanced ALS Torso
382450	Skin, Chest-AirMan
100-00850	Thrust Assembly, Adult, ABD W/T- Nuts-Standard
100-00650	Tank Top, Blue- Medium
100-00750	Carry Case
200-00150	Kit, Bladder- Advanced ALS Torso

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

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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.no

Canada: 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 Loferfeld 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: sales@hospiline.com

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 and Latin America:
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

MEDICAL PLASTICS LABORATORY, INC.
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