

# Pneumothorax Trainer

Directions for Use



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



---

---

## Table of Contents

Items Included	4
Skill Taught	4
Preparing Manikin for Use	4
Replacement Instructions	5
Care and Maintenance	6
Replacement Parts	7

---

---

---

---

The Pneumothorax Trainer (260-05001) is a lifelike manikin which realistically simulates a male upper torso. 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 manufacturing and ease of replacing individual parts, this trainer should provide many sessions of training when reasonable care and maintenance is practiced.

---

---

### **Items Included:**

- (1) Pneumothorax Trainer
- (1) Pneumothorax Bladder Replacement Kit
- (1) Tank Top
- (1) Carry Case
- (1) Laerdal Global Warranty Booklet
- (1) Directions for Use

### **Skill Taught:**

- Tension Pneumothorax Decompression

### **Preparing Manikin for Use:**

#### **Tension Pneumothorax Cuff Inflation:**

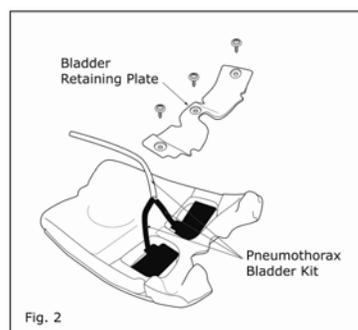
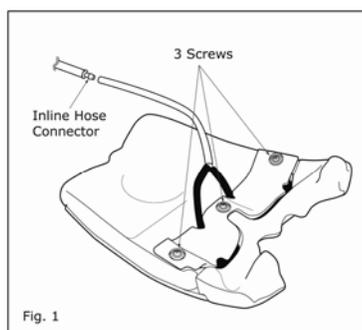
1. Locate inflation bulb on right side of manikin.
2. Tighten air release knob so that as you pump bulb, no air escapes.
3. Pump bulb 12 to 15 times to prepare four (4) sites for decompression.
4. Insert IV catheter, per your local training protocol.
5. When correct site is “decompressed,” air can be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

## Replacement Instructions:

### Tension Pneumothorax Decompression

#### (A) Bilateral Mid-Clavicular Sites:

1. Detach and remove chest skin from torso.
2. Lift chest plate exposing underside.
3. Disconnect Inline Hose Connector (Fig 1) from Pneumothorax Bladder Kit (Fig 2).  
Caution: prevent the Inline Hose from falling through the opening into the torso.
4. Take out the screws to remove the Bladder Retaining Plate (Fig 2).



5. Remove the original Pneumothorax Bladder Kit from the chest plate cavity and discard, select the new Pneumothorax Bladder Kit and position it in the chest plate cavity (Fig 2).
6. Fasten the Bladder Retaining Plate prior to reconnecting the hose to the Inline Hose Connector.
7. Return chest plate to proper position on torso.
8. Replace chest skin over torso and re-attach.
9. Fill puncture marks on the exterior of the chest skin with modeling wax (supplied in Pneumothorax Bladder Replacement Kit).

#### (B) Bilateral Mid-Axillary Sites:

1. Detach and remove chest skin from torso.
2. Remove pneumo pad from side of torso (Fig. 3) and disconnect bladder hose from Inline Hose Connector.

Caution: prevent the Inline Hose from falling through the opening into the torso.

3. Remove bladder from pneumo pad and discard.
4. Trim bladder tubing to match original tubing length

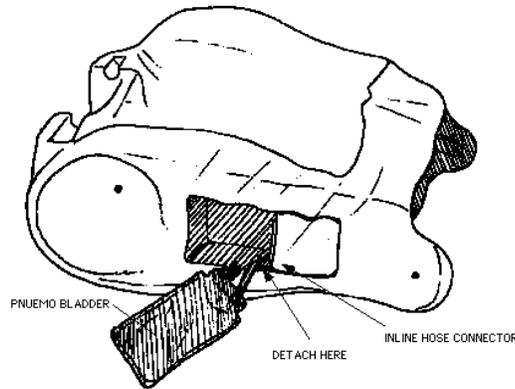


Fig. 3

to fit this manikin style. Connect new bladder hose to Inline Hose Connector.

5. Insert new pneumo bladder into pneumo pad.
6. Replace chest skin over torso and re-attach.
7. Fill puncture marks on exterior of chest skin with modeling wax (supplied in Pneumothorax Bladder Replacement Kit).

**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, 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 in dry and dust free environment between teaching sessions.

## Replacement Parts:

### Product Number:

301-10150  
260-01250  
200-00150  
200-02450  
200-02550  
205-01050  
100-00750

### Description:

Replacement Head  
Male Pneumothorax Chest Skin  
Complete Bladder Kit  
Pneumothorax Pad (Left)  
Pneumothorax Pad (Right)  
Inflator Bulb with Valve  
Carry Case (Soft Side)



### **Cautions and Warnings**

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



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

© 2014 Laerdal Medical. All rights reserved.  
1001749 Rev F Printed in USA