

# Arterial Stick Arm Kit

Directions for Use



**lrc** Property of:

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**Laerdal™**  
helping save lives

Arterial Stick

Arm  
Kit

Directions for use



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The Arterial Stick Arm Kit (375-80001) consists of a full-size, lifelike adult right arm with replaceable skin and arteries. It is specifically designed for training professionals in the drawing of arterial blood samples for monitoring blood gases.

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

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## Care and Maintenance

### **Items Included:**

- (1) Arterial Stick Arm
- (1) Replacement Skin and Arteries
- (1) Pulse Simulator
- (5) Syringes
- (1) Bottle of Blood Concentrate
- (1) Bottle of Manikin Lubricant
- (1) Hard Carry Case
- (1) Laerdal Global Warranty Booklet
- (1) Directions for Use

### **Skills Taught:**

- Proper procedure for obtaining ABG
  - Arterial Blood Gases

### **Preparing the Simulator for Use:**

1. Remove pulse generator (red syringe bulb) and fill with water. Blood concentrate can also be added.
2. Attach filled pulse generator onto one end of arterial tubing.
3. Allow fluid to flow through arm.
4. Place arm in horizontal position with palm up.
5. Flex the wrist for accurate positioning to perform the radial arterial stick.
6. Squeeze the pulse generator for palpating a radial or brachial arterial pulse.
7. Perform the arterial stick.

### **Replacing Skin and Arteries:**

#### **Laerdal Recommends**

When excessive leaking occurs at the puncture sites, either a new artery or skin should be installed to reduce loss of fluid.

We recommend working at a sink when replacing skin and arteries.

#### **Replacing skin:**

1. Cut off skin. This can be done with a sharp knife or scalpel. (Figure 1)
2. Discard skin.

**Fig.**  
1



#### **Replacing arteries: (Keeping skin)**

1. Lubricate inside of skin with liquid detergent; let it flow down into the finger area.
2. Begin at top of arm and slowly pull skin down and off of arm. **Do not roll, as that will cause skin to bind.** (Hand may detach with skin, but can be replaced by taking the 2 1/4 peg out of mandrel. Put the two-piece hand together and put back in

- mandrel. Put peg back through hole to connect hand and mandrel.
3. Remove tubing from track in mandrel. Glue may need to be scraped away to allow removal.
  4. Rinse and dry artery grooves well and swab with alcohol. Be sure to remove any excess glue.
  5. Place new arteries along grooves, spot gluing as needed. (We recommend fast-drying glue.)
  6. Generously lather arm mandrel with liquid soap and water combined.

### Laerdal Recommends

Heat arms skins before replacing on mandrel. This can be done with a blow-dryer

7. Slide hand into skin.
8. Work skin over fingers, as with a glove. (Photo 1)



Photo 1

9. Work arm skin up, over mandrel. (Photos 2 & 3)

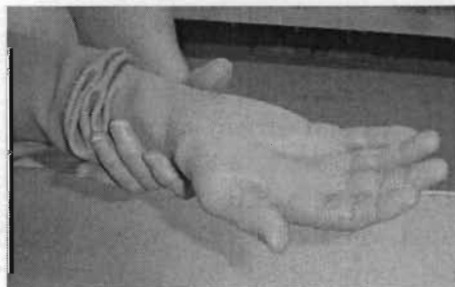


Photo 2



Photo 3

Care and Maintenance

Use only mild soap and water to clean the rollers. Do not use any other cleaning agents. Do not use any other solvents or oils. Do not use any other cleaning agents. Do not use any other solvents or oils. Do not use any other cleaning agents. Do not use any other solvents or oils.

Caution and Warnings
This product contains Natural Rubber latex which may cause allergic reactions when in contact with the skin.

Replacement Part

Table with 2 columns: Product Number, Description. Includes part numbers like 375-81001 and 300-00850.

### Care and Maintenance:

1. Clean with mild soap and water; do not submerge trainer 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 trainer should be cleaned after each training session and a general inspection should be conducted regularly.
1. Modules and all other parts should be drained and air-dried thoroughly before storage and disinfected when needed.
  2. Articulating parts will benefit from a light application of talcum powder prior to training sessions.
  3. Store properly between teaching sessions.



### Cautions and Warnings

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

### Replacement Parts:

#### Product Number:

#### Description:

375-81001	Arterial Stick
Arm	
375-80150	Skin & Artery
	Replacement Kit
300-00650	Manikin
Lubricant	
270-00350	Hard Carrying
Case	



300-00750  
Concentrate  
200-02350

Blood  
Hardware Set

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

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September 13, 2006