

# Optional parts for M99 Arterial Puncture Training Wrist Ultrasound Guided Arterial Puncture Training Pads



## Instruction Manual

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Note : This product is designed for use exclusively with the M99 Arterial Puncture Training Wrist (11351-000).  
It is not intended for training in landmark-guided puncture techniques.

#### ● Manufacture's Note

This products is designed to provide training in ultrasound guided arterial puncture. Any use not in accordance with the enclosed instructions is strongly discouraged.

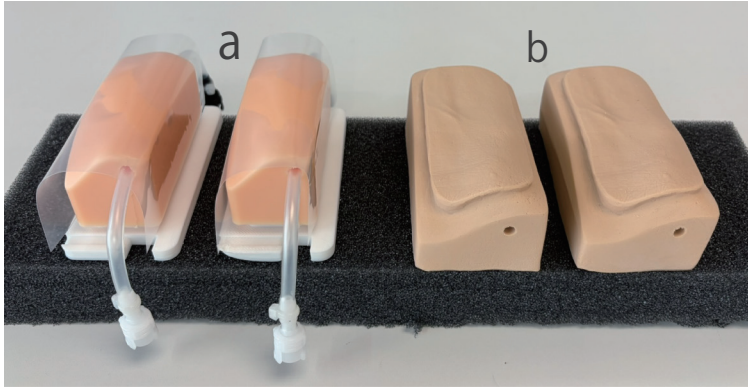
#### ● Features

- Originally developed soft-tissue material demonstrates human-equivalent echogenicity. (Nov, 2003)
- Optional parts for M99 Arterial Puncture Training Wrist.
- A true-to-life needle insertion sensation.
- No visible needle marks on the skin surface.
- Designed for repeated training sessions using real ultrasound scanners.  
\*Ensure that the ultrasound scanner used is properly quality-controlled.  
Image quality may vary depending on specs, setting or condition of the scanner.

## Set Includes

Before you start, ensure that you have all components listed below.

- a. ultrasound-guided pad (inner part) ..... 2      b. ultrasound-guided skin (outer part) ..... 2



## ⚠️ Precautions

### ● Handle with care

The materials of the products are a special composition of soft resin. Handle the parts with utmost care at all times.

### ● Remove the ultrasound gel after use

After use, promptly remove the ultrasound gel using a moistened tissue or soft cloth. **NEVER use organic solvents to clean the components.**

### ● Avoid heat and humidity for storage

Store the components in the storage case at room temperature, away from heat, moisture, and direct sunlight, to prevent deformation or material deterioration.

### ● Ink marks on the soft surface won't be removable

Don't mark on the product and components with pen or leave any printed materials in contact with their surface.

### ● Surface color might change over time

Discoloration may occur over time or during prolonged periods of non-use; however, this does not affect functionality.

### ● Be sure to use the skin marked as **US** (11351-130) for training of ultrasound-guided procedures.

Using standard skin (11351-010) may result in darker ultrasound images.



## 1 Preparation

First, remove skin cover, tube, silicon tape and radius base from M99 Arterial Puncture Wrist. (Refer the instruction manual of M99)



1. Prepare water



2. Moist the surface of the pad with water.



Ultrasound gel must not be applied between the skin and the pad, as it may enter the tubing, dry inside, and result in pump damage.

When attaching or removing the skin, extend it gently. Vertical pulling may damage the skin.



3. Put the over the pad,



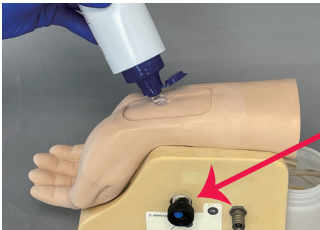
4. Set the assemble pad to the simulator base of M99 and connect the tubing.



5. Set the Hand-Wrist model

\*For the connection of tubing and setting up with the circulation pump, refer the manual of M99.

## 2 Visualization



Before operating the pump, **turn the dial counter-clockwise until it stops**. This resets the pressure and helps prevent leakage.

For instructions on using the dial, refer to the M99 instruction manual.

1. Apply ultrasound gel to the insertion site.



2. Position the transducer over the radial artery to visualize the vessel.

## 3 After Training



1. Gently remove any residual gel from the surface with a moistened tissue or soft cloth.

Dried gel may cause surface damage and degrade image quality.

2. Detach the skin and pad from the simulator base by performing the steps in reverse order as described on page 2.


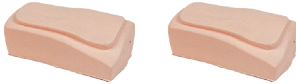


Be sure to disassemble the skin and the pad before storage. Leaving them in contact for extended period of time may cause deformation of the components.

Be careful that the tubes are not subject to external force such as folding, pulling, or excessive pressure. Using the original packaging materials is recommended.

When attaching or removing the skin, extend it gently. Vertical pulling may damage the skin

### Consumables

Product Code	Part Name
11351-120	Ultrasound-guided pad for M99 (2 inner parts) 
11351-130	Ultrasound-guided skin for M99 (2 outer parts) 

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