



#### Caution

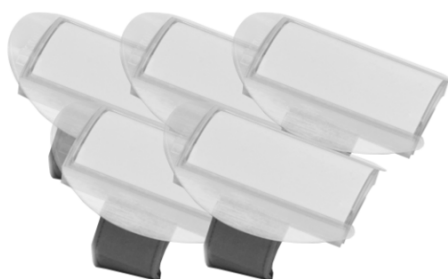
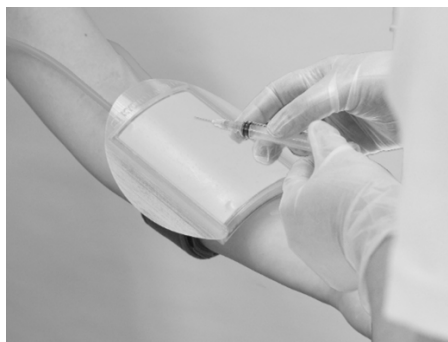
Do not mark on the product and its components with a pen or allow printed materials to come in contact with the surface. Ink marks cannot be removed.

MW50

# Strap-on Venipuncture Trainer II

## Instruction Manual

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## Before using

## Features

### Before you

The simulator is designed for training in IV injection and blood collection. Do not use for improper purpose. Please read the instruction carefully before use.

### Features

- Pads made from a new material with significantly improved puncture durability.
- Adopts a simple setting method to set the pad in the holder.
- Attaching it to SP (standardized patient) or the arm of a full-body model allows for realistic intravenous injection training.



## DOs and DON'Ts

### DOs

The materials for the models are special compositions of soft and hard resin.

Please handle them with the utmost care at all times. Store the training set at room temperature, away from heat, moisture and direct sunlight.

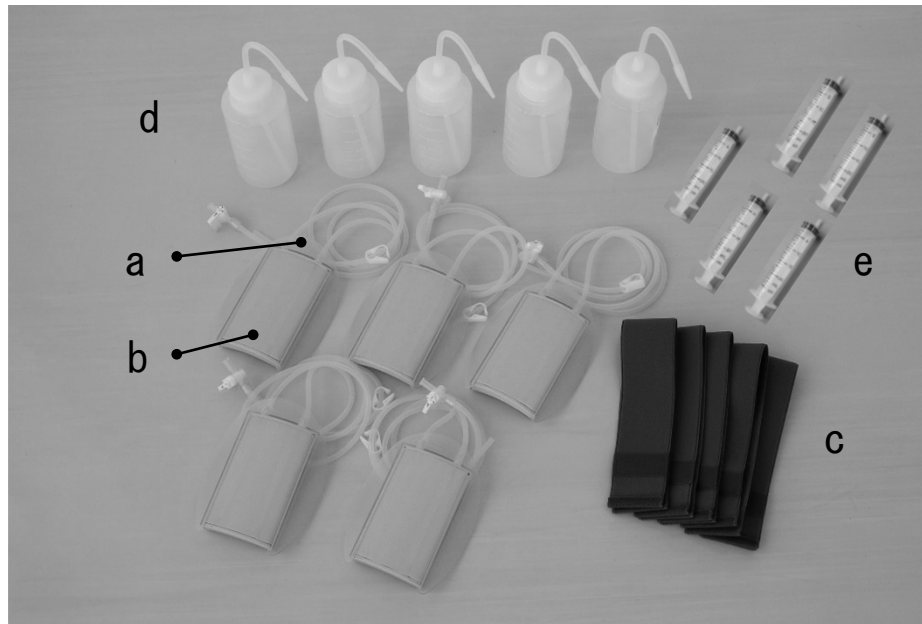
### DON'Ts

Never wipe the simulator with thinner or organic solvent.

Don't mark on the simulator with pen or leave any printed materials in contact with their surface. Ink marks cannot be wiped out.

## Set includes

Before your first using, ensure that all components listed below are included.



- a. Supporting frame: ..... 5
  - b. Puncture Pad ..... 5
  - c. Strap belt ..... 5
  - d. Water bottle ..... 5
  - e. Syringe ..... 5
- And Instruction manual

In addition to the included components, please prepare a container for draining water.

## ① Advanced Preparation

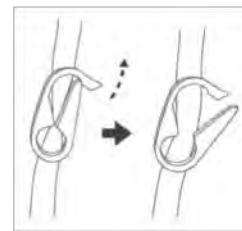
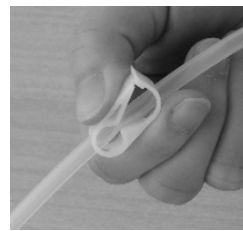
### 1. Preparation of simulated blood

Pour about 300 cc water or simulated blood into the water bottle.



### 2. Unlock the pinchcock

Unlock the pinchcock for the water supply tube.



### 3. Connection of the water supply tube

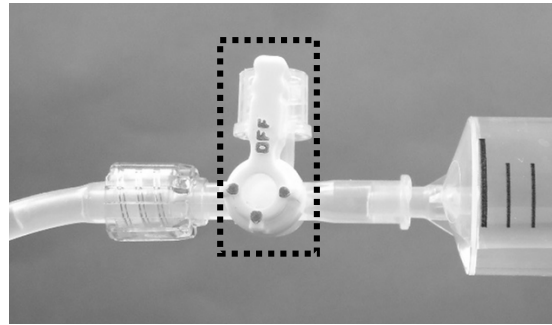
Insert tip of the water supply tube (approx.1cm) to the spout of the water bottle.



## ① Filling

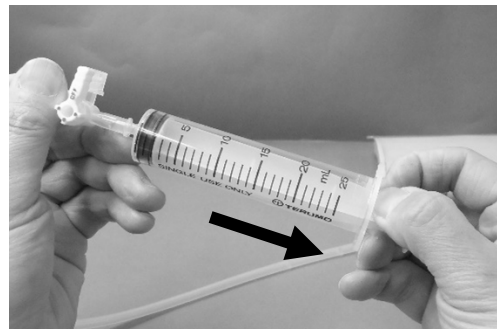
### 1. Connection of the drain tube

Insert the three way cock connected to the tips of the drain tube to the tips of the syringe.



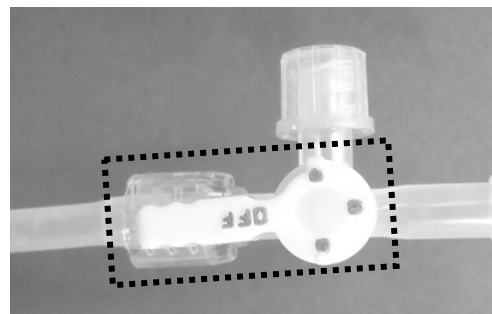
### 2. Water supply

Pulling plunger of the syringe, fill the tube with water.



### 3. Check filling and close three way cock.

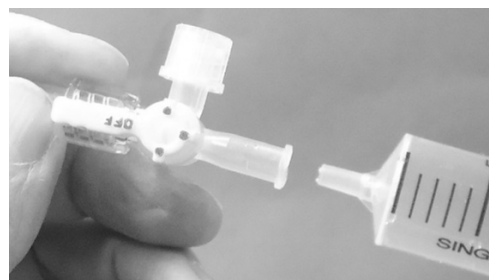
Check filling the syringe with water, then stop pulling the plunger and close the cock as shown in the picture.



### 4. Remove the syringe.

Remove the syringe.

\*Before removing, check that the three way cock is closed.



## ② Attaching the pad

### 1. Wrap the strap belt

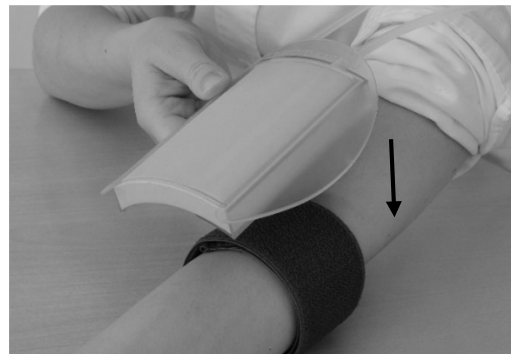
Wrap the strap belt around the site on the arm/hand for training.



### 2. Fix the pad holder to the strap belt

Fix the pad to the strap belt.

The back of the pad holder has the Velcro. So just only putting the pad holder on the strap belt, the pad is fixed at any site on the belt.



## Training procedure

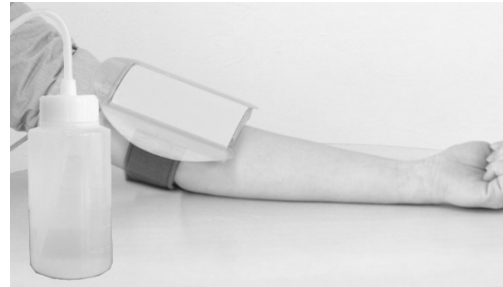
### 1. Training

During the practice session, keep the bottle at the same height with the trainer.

The two lines of puncture sites are on the pad as shown in the picture to the right.

#### Please note

When you do training with the simulated blood, be careful not to drop the liquid on the cloth. The liquid dropped on the cloth may be irremovable stain.



### 2. Refilling Water

When the water in the water bottle is reduced, remove the trainer from the arm, and replenish water following the procedures in P3.

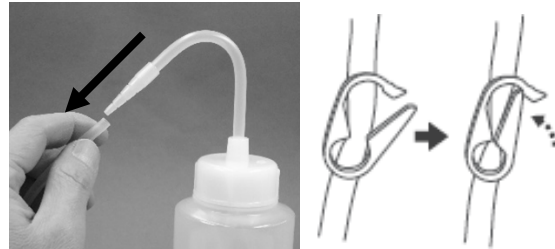


## After training

After training session, discharge water from the trainer and tubes following the procedure below.

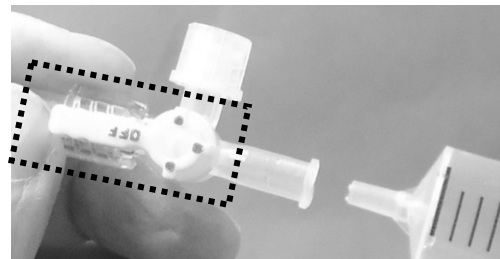
### 1. Disconnect the water supply tube.

After lock the pinchcock, disconnect the water supply tube from the spout of the water bottle.



### 2. Disconnect the drain tube.

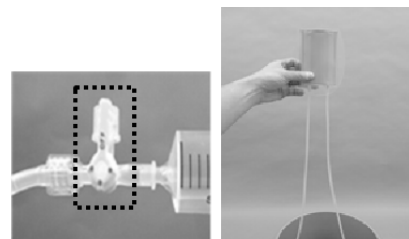
Close the three way cock as shown in the right picture, then disconnect the three way cock from the syringe.



### 3. Discharge water

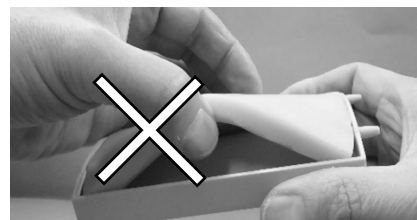
Place both water supply and drain tubes into container, then open the three way cock as shown in the right picture.

When the pad is lifted, water in the pad is discharged.



**Please  
note**

**Do not remove the soft part as show  
in the right picture. Removing may  
cause the water leak.**



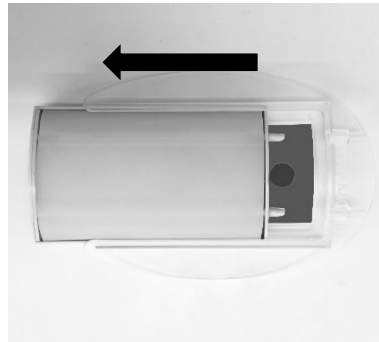
### 4. Clean the pad

When cleaning the pad, wipe the pad with water, neutral detergent or alcohol.

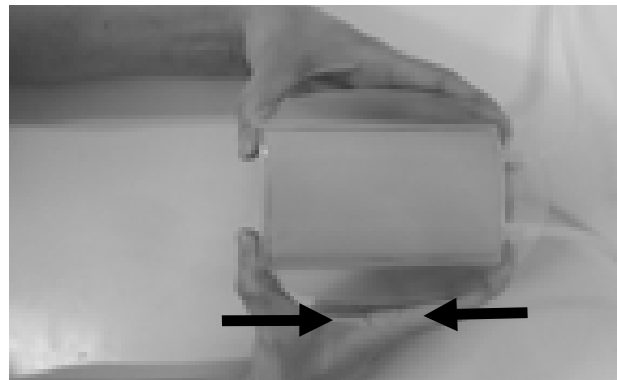
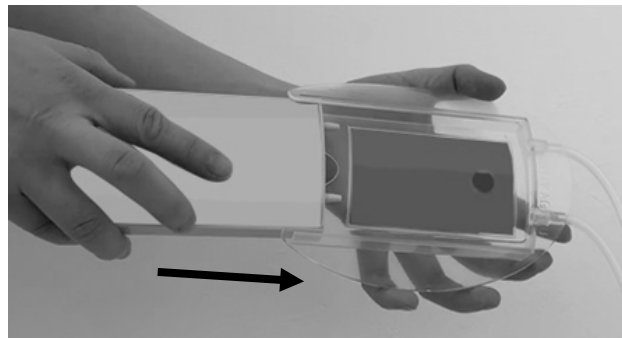


### Replacing consumables

1. Drain all water from the old pad and disconnect both the water supply tube and drainage tube. Then, pull out the pad from the frame.



2. Slide a new puncture pad into the back of the frame.



### Please note

Press the pad firmly into the holder. Insufficient attaching may cause the leak of water from the connection of pad and pad holder as shown in the below picture.



## Consumable

| Code      | Name                    |
|-----------|-------------------------|
| 11431-010 | Puncture pad (Set of 5) |



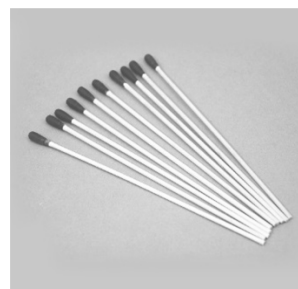
Puncture pad (Set of 5)

## Optional parts

| Code      | Name                                  |
|-----------|---------------------------------------|
| 11430-010 | Arm Vessels Anatomy Sleevelet         |
| 11388-400 | Cotton Swab for Coloring (Red) 10 pcs |



Arm Vessels Anatomy Sleevelet



Cotton Swab for Coloring (Red) 10 pcs





**注意**

モデル表面に印刷物などが直接触れないようにしてください。  
樹脂にインクが吸収されて消えなくなります。



**Caution**

Do not let ink from pens, newspapers, product manual or other sources contact the manikin. Ink marks on the manikin will be irremovable.

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