

MW66



Caution

Do not mark on the model and other components with pen or leave any printed materials contacted on surface. Ink marks on the model cannot be removed.

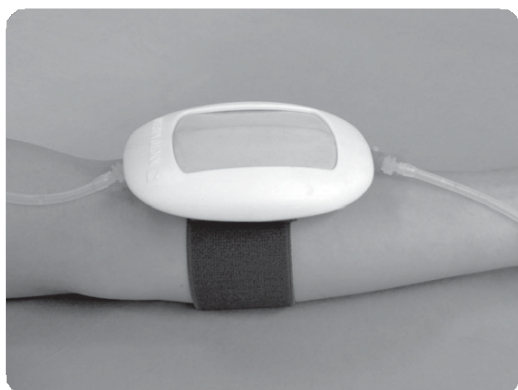
Superficial Artery Puncture Trainer

Instruction manual

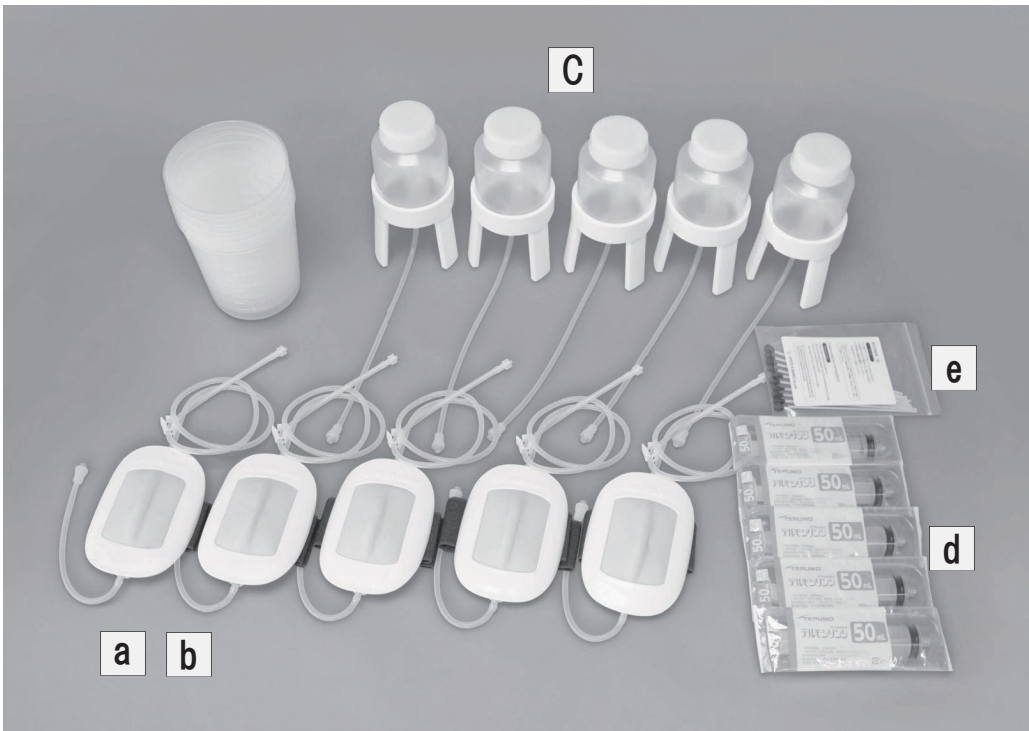
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Set includes



a. Puncture unit.....	5	d. 20mL syringe	5
(the tube is incorporated)		e. simulated blood sticks	10
b. Strap belt	5	(swab type)	
c. Bottle for simulated blood		f. Plastic beaker	5
with stand	5		

Precautions

• **Handle the simulator with care**
Dropping the simulator or subjecting it to strong impacts may cause damage.

• **Do not disassemble the product.**
Disassembly may result in damage.

• **Handle the soft resin components with care.**
The puncture site and blood vessel are made of specially formulated soft resin. Although the material is highly elastic, excessive pulling, twisting, or bending at sharp angles may cause damage or malfunction.
Handle the product carefully.

• **Do not place printed materials on the product surface.**

Do not write on the product with a ballpoint pen, permanent marker, or other writing instrument. Ink may be absorbed into the resin surface and become impossible to remove.

• **Store away from high temperatures.**
To prevent deformation, store the product in an environment below **40° C (104° F)**.

• **Drain the water after use.**
After training, drain all water from the tubing. Leaving water inside the tubing may cause mold growth, discoloration of the tubing, or malfunction.

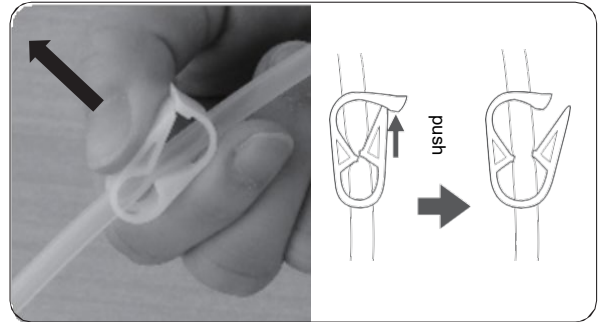
Preparation

Preparing the Simulated Blood (Water)

Pour approximately **400 mL** of water into the beaker, then add color using the **red coloring swab**.

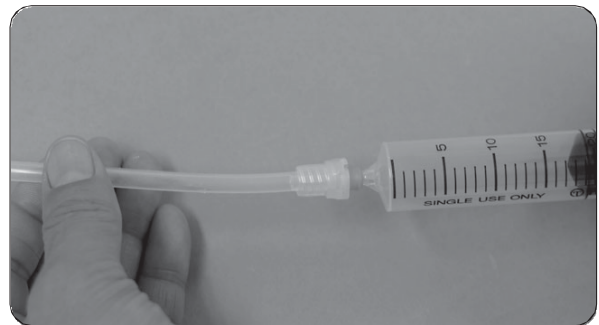
1. Open the tube clamp

Open the tube clamp attached to the tubing extending from the pad.



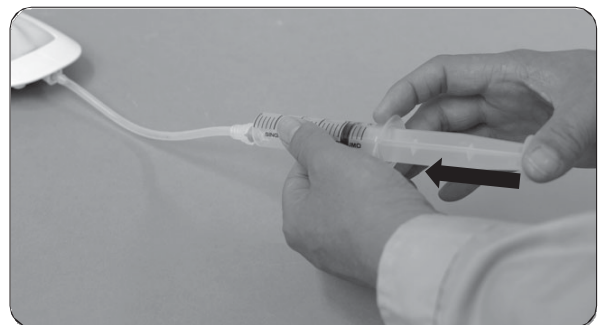
2. Connect the syringe

Fill the syringe with the prepared simulated blood (colored water), then connect the syringe to the **Sure Plug** at the end of the connection tube extending from the pad.



3. Fill the pad with the simulated blood (water)

Slowly push the syringe to fill the tubing with the simulated blood (colored water).
When the colored water begins to flow out of the tubing on the opposite side, close the tube clamp opened in Step 1.
The product is now ready for use.



Caution

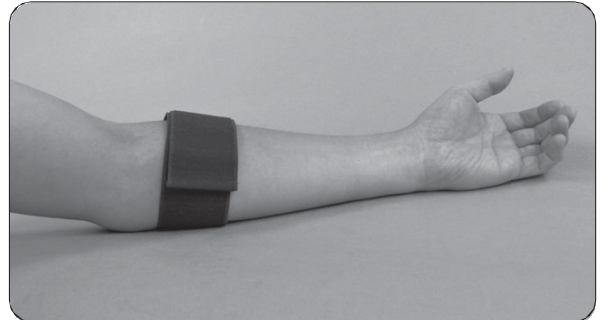
When filling the pad, always **push** the syringe to inject the liquid.
Do not attempt to fill the pad by drawing liquid into the tubing. Doing so may cause the tubing to collapse, preventing proper filling, or may damage the tubing at the needle insertion site.

Preparation

1. Attach the puncture unit to the arm.

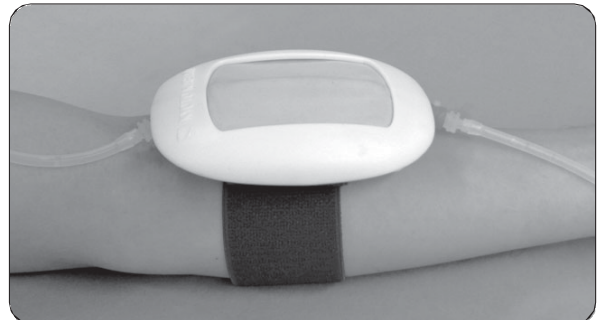
Wrap the strap belt around the arm at the desired needle insertion site. The Velcro tape can be fastened at two locations.

The outer surface of the belt is fully covered with loop material, allowing the hook fastener at the end of the belt to be secured at any desired position.



2. Attach the puncture unit to the belt.

Secure the puncture unit to the belt using the Velcro tape on the back of the unit.



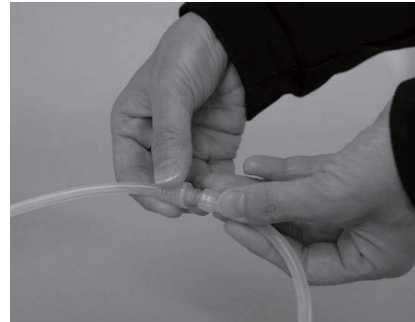
Note: The hook side is the rough surface, and the loop side is the soft surface.

Training session

Verification of Blood Backflow

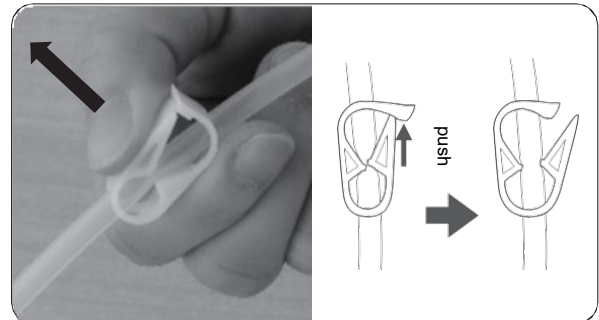
1. Connect the water bottle to the pad

Connect the tubing from the water bottle to the tubing extending from the pad.



2. Open the tube clamp

Open the tube clamp attached to the tubing extending from the pad.



3. Fill the water bottle with the simulated blood

Fill the water bottle with the prepared simulated blood.

Maintain the liquid level at approximately the position indicated by the dotted line in the picture. If air remains in the tubing, remove it by following the procedure described in "Preparation (1)."



Connection:

Water bottle → Tubing → Connector → Tubing
(tube clamp open) → Pad

Caution:

Always push the syringe when filling the pad.

Do not attempt to draw liquid into the tubing. Doing so may cause the tubing to collapse, preventing proper filling, or may damage the tubing at the needle insertion site.

After training

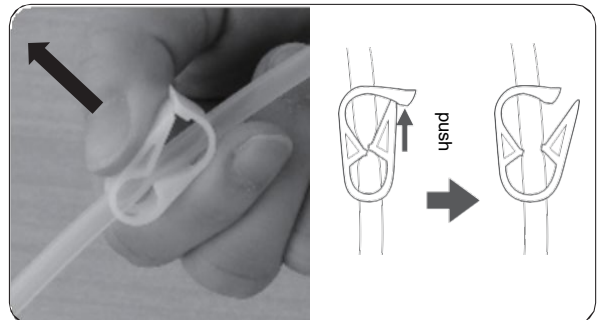
Drain the simulated blood (water) from the pad

1. Prepare a container or sink for draining

Prepare a bucket or other suitable container, or move the product to a sink to drain the water from the pad.

1. Open the tube clamp

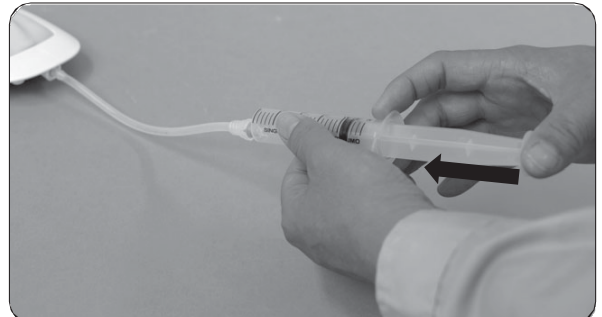
Open the tube clamp on the pad.



2. Connect the syringe and drain the water

Connect the syringe to the **Sure Plug** at the end of the connection tube. Slowly push the syringe to force the water out through the tubing.

*To clean the inside of the tubing, inject clean water with the syringe, then push air through the tubing to expel the remaining water.



Caution:

Always push the syringe when filling the pad.

Do not attempt to draw liquid into the tubing. Doing so may cause the tubing to collapse, preventing proper filling, or may damage the tubing at the needle insertion site.

Consumables

Part No.	
11388-400	simulated blood sticks (swab type) a set of 10



KYOTO KAGAKU co.,LTD

WEB: www.kyotokagaku.com e-mail: rw-kyoto@kyotokagaku.co.jp

Worldwide Inquiries & Ordering

Kyotokagaku Head Office and Factories:

15 Kitanechoya-cho, Fushimi-ku, Kyoto, 612-8388, JAPAN

Tel: +81-75-605-2510 Fax: +81-75-605-2519

All America regions: USA, Canada, and South America



WEB: www.kkamerica-inc.com E-MAIL: info@kkamerica-inc.com

3109 Lomita Boulevard, Torrance, CA 90505-5108, USA

Tel: 1-310-325-8860 Fax: 1-310-325-8867

(Toll free in North America: 877-648-8195)

Europe, Russia & Africa

Kyoto Kagaku Europe GmbH.

TEL: +49-69-5060-28160

De-Saint-Exupery-Str. 10, 60549 Frankfurt, Germany

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July 2026