

M94

# Intradermal Injection Training Simulator

**⚠ Caution** | Do not leave this manual in contact with manikin skin. Ink marks will be indelible, due to pigment infiltration.



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### ● Manufacturer's note

This simulator provides training of intracutaneous injection to the inner forearm. A clear characteristic skin wheal is formed when proper injection procedure is followed.

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

### ● Features

1. Life-like touch and resistance of the injection site, close to that of a real human arm, allows for pulling of the skin and making punctures as if on a real patient.
2. Life-size model forearm made of soft resin, realistic in appearance and touch, help in training to make real angle needle punctures.
3. Stand supports the forearm model at proper position.
4. Special structure of the injection pad, when properly injected, creates a clear characteristic skin wheal.
5. Injection pads are easily exchangeable.
6. No trace of injection needle is left on the injection pad.

## DOs and DON'Ts

### DOs

Withdraw all the fluid from injection pads after each training session.

- Remaining fluid may cause damage to the pads.

### Handle with care

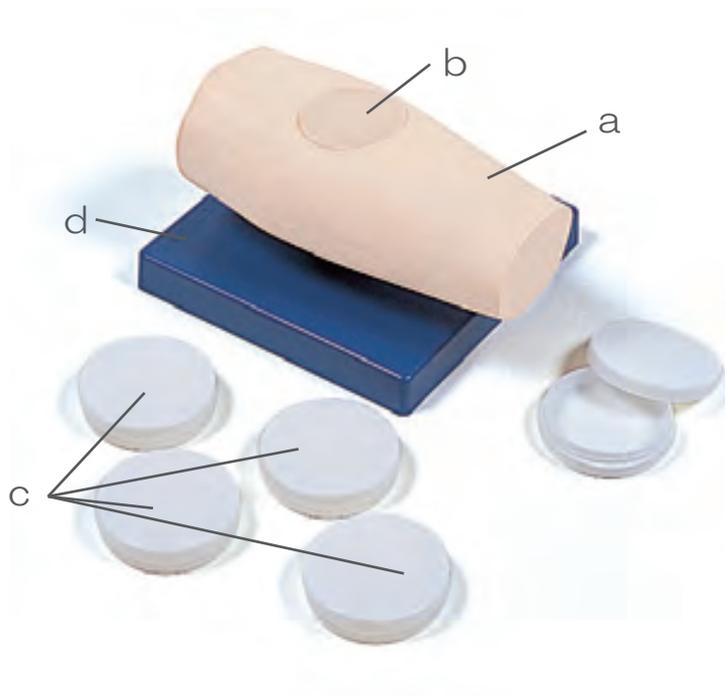
- The materials for the models are a special composition of soft resin. Please handle them with the utmost care at all times.
- Store the simulator in storage case at room temperature, away from heat, moisture and direct sunlight.

### DON'Ts

- Never wipe the simulator by thinner or organic solvent.
- Don't mark on the simulator models with pen or leave any printed materials in contact with their surface.
- Ink marks on the models will not be removable.
- Do not pinch the soft surface of injection pads.

## Set includes

Before your first use, ensure that you have all components listed below.



### ● Set includes

- Forearm model --- 1
- Injection pads --- 5
- Stand ---- 1
- Storage and transport case: ---1

### ● Parts names

- a) Forearm model
- b) Injection pads
- c) Pad case
- d) Stand
- e) Storage and transport case: (no picture)

### ● Material

Forearm model and Pads: Soft resin

### ● Size and weight

Case size W 320 x D 265 x H105 mm

Model mounted on stand

W 200 x D 180 x H130 mm

Weight: 300g

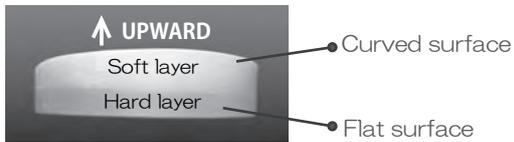
## Preparation



Mount the forearm model firmly on the stand.



Install an injection pad into the pit.  
The pad has layers of hard and soft resin. Put its soft and curved side upward and adjust the direction to fit its edge line to the edge of pit.



### ● Please note .....

When you pick the pad up from the pit, do not pinch its surface. Please hold it by the sidewalls.

## While Training



- Perform the injection training by using water.
- When the injection is successful, a clear wheal will be formed.
- When the needle tip penetrates too deep, the it forms no or an unclear wheal.

● **Please note** .....

Actual medical fluid cannot be used with simulator. Colored fluid may cause defacement of the pad.  
Do not perform injection at any site of the model besides the pad.

## After Training

① Water wheals



② Withdraw water



③ After withdrawal



- After each training session please withdraw all the water from the pad swiftly with a syringe.

● **Please note** .....

Do not leave water in pads after training.  
Remaining fluid may separation of the material or other damages.



Caution

Do not leave this manual in contact with manikin skin. Ink marks will be indelible, due to pigment infiltration.

▪ For inquiries and service, please contact your distributor or KYOTO KAGAKU CO.,LTD.

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