

# CVC Insertion Simulator II

- Ultrasound guided CVC with reality.  
Training with anatomical understanding.
- Axillary vein approach as well as internal jugular vein approach.  
An introductory training block to acquire basics of ultrasound guided puncture.  
Excellent image quality.
- Improved stain free body torso shows the anatomy of the heart for further anatomical understanding.

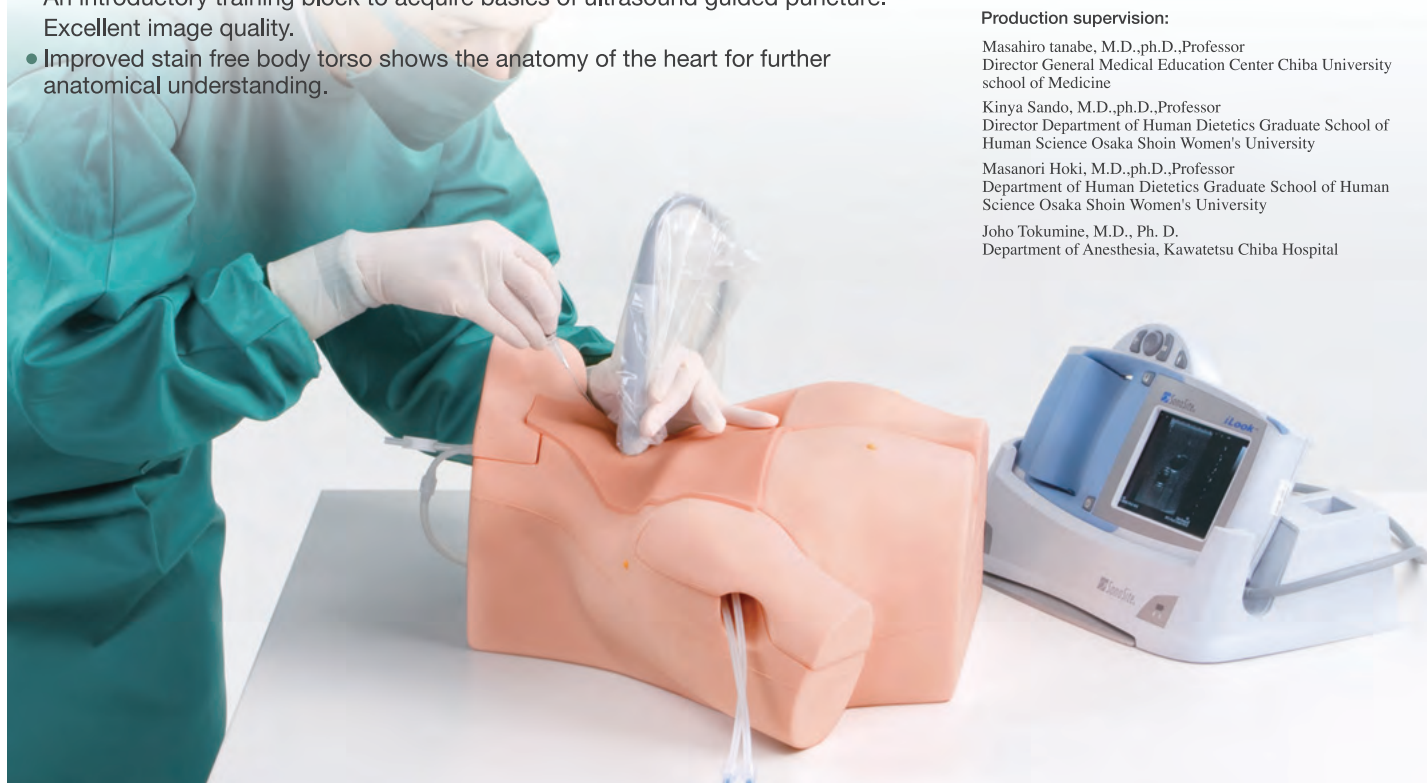
#### Production supervision:

Masahiro tanabe, M.D.,ph.D.,Professor  
Director General Medical Education Center Chiba University  
school of Medicine

Kinya Sando, M.D.,ph.D.,Professor  
Director Department of Human Dietetics Graduate School of  
Human Science Osaka Shoin Women's University

Masanori Hoki, M.D.,ph.D.,Professor  
Department of Human Dietetics Graduate School of Human  
Science Osaka Shoin Women's University

Joho Tokumine, M.D., Ph. D.  
Department of Anesthesia, Kawatetsu Chiba Hospital



Learning from making mistakes; various complications can be simulated.

Effective for cannulation training; the only simulator with anatomically correct junctions of the subclavian veins with the right internal jugular and SVC.  
(Landmark pad and Transparent anatomical block)



## CVC Insertion Simulator II M93UB

#### Set includes:

1 male upper torso manikin	1 air bulb
1 landmark puncture pad	2 plastic jars
1 ultrasound puncture pad	1 irrigation bottle
1 transparent anatomical block	1 syringe
1 introductory ultrasound training block	1 sample syringe
1 skin for cannulation training	1 sample needle
1 red coloring powder	
1 blue coloring powder	manikin size: 40 x 41 x 21 H cm, 2.2 kg
	packing size: 52 x 46 x 39 H cm, 9 kg

#### Replacement parts

11347-119 landmark puncture pad (a set of 2)
11347-170 ultrasound puncture pad (a set of 2)
11347-210 introductory ultrasound training block (a set of 2)

Specifications are subject to change.


### KYOTO KAGAKU

15 Kitanechoya-cho, Fushimi-ku, Kyoto, 612-8388, JAPAN  
Tel: +81-75-605-2510 Fax: +81-75-605-2519  
www.kyotokagaku.com  
rw-kyoto@kyotokagaku.co.jp

# Introductory

### Landmark Techniques

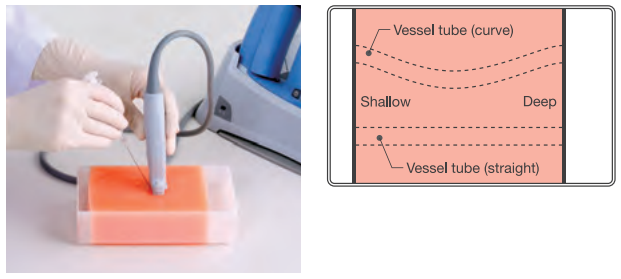
#### Transparent anatomical block



Anatomical understanding and pre-training for catheterization.

### Ultrasound Guided Venous Access


#### Ultrasound training block



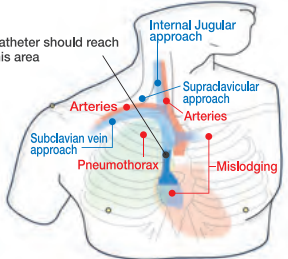
# Skills trainings

### Landmark Techniques

#### Landmark puncture pad




Three methods of CVC approaches are possible with Landmark pad.




Catheter should reach this area

**Palpation**  
Palpable landmarks and carotid arterial pulsation




**Puncture and confirmation**  
True-to-life needle tip resistance

Success and failure confirmation  
Success: blue fluid  
Arterial puncture: red fluid  
Pneumothorax: air collection




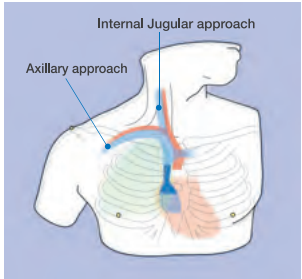

**Cannulation**  
(Guide wire insertion)  
Anatomically correct venous bifurcation

Success and failure confirmation  
Left subclavicular and heart window shows successful / failure insertion.



### Ultrasound Guided CVC

#### Ultrasound puncture pad

**Realistic venous collapse**

