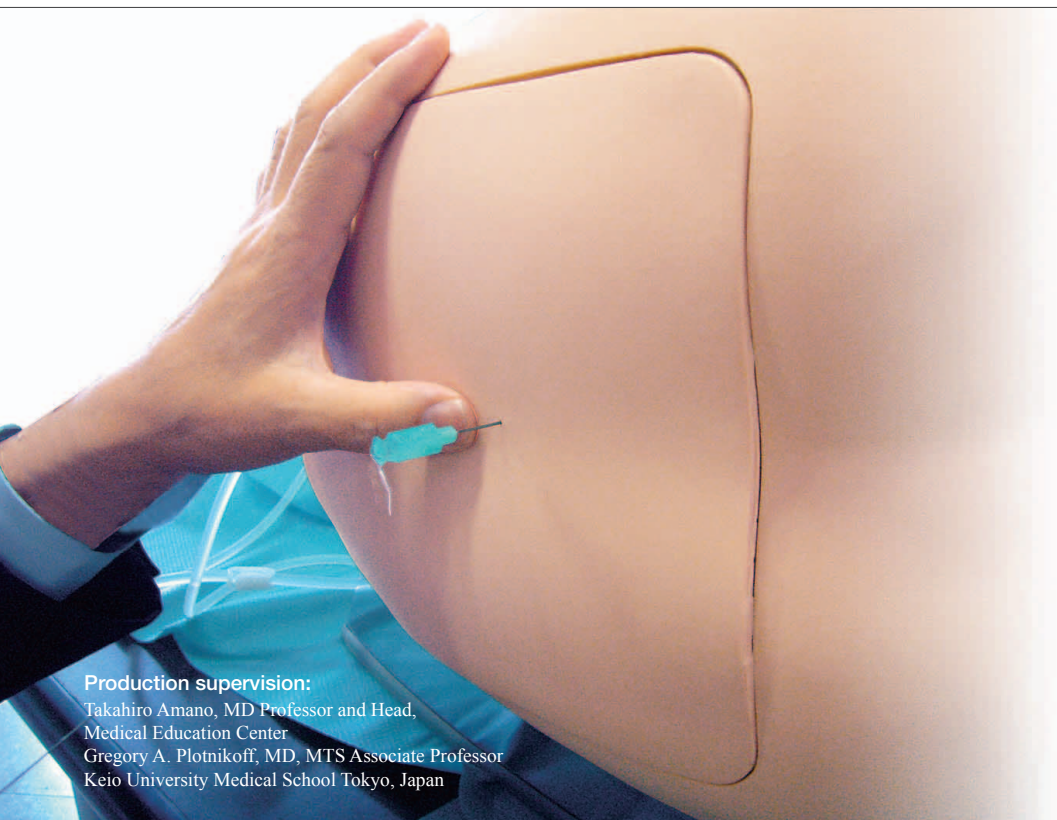


# Lumbar Puncture Simulator II

Product No. M43B



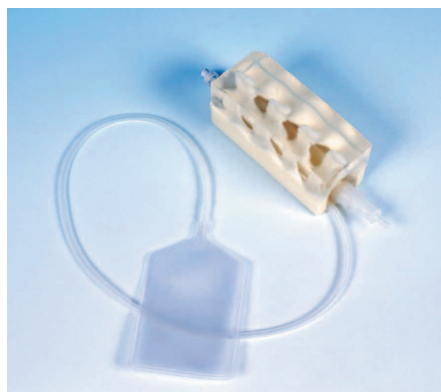
## Production supervision:

Takahiro Amano, MD Professor and Head,  
Medical Education Center  
Gregory A. Plotnikoff, MD, MTS Associate Professor  
Keio University Medical School Tokyo, Japan

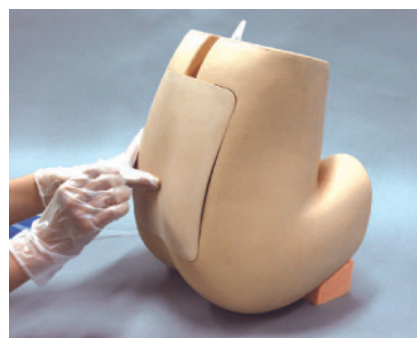
Closely simulates the lumbar anatomy including the anatomical landmarks.  
Provides life-like sensation of both skin and tissue resistance to the spinal needle.  
Allows students to both measure CSF fluid pressure, collect CSF fluid and  
epidural anesthesia procedures under clinically realistic conditions.

This Lumbar Puncture Simulator has been designed by medical education experts  
to enhance formal LP procedural skills training and assessment. It allows students  
and medical professionals to practice frequently and achieve high levels of  
procedural competence without placing any patients at risk of harm.

Newly added Epidural block offers  
training in epidural puncture  
procedures with excellent needle-  
tip feeling. Loss-of-pressure  
technique with water or air can also  
be simulated.



Epidural small pouch with



Normal CSF



Obesity CSF



Senior CSF



Senior obesity CSF

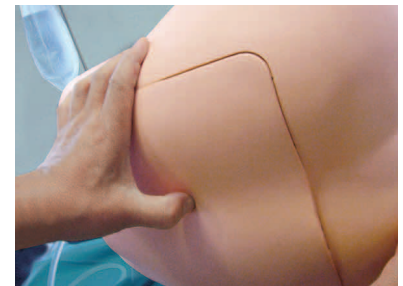
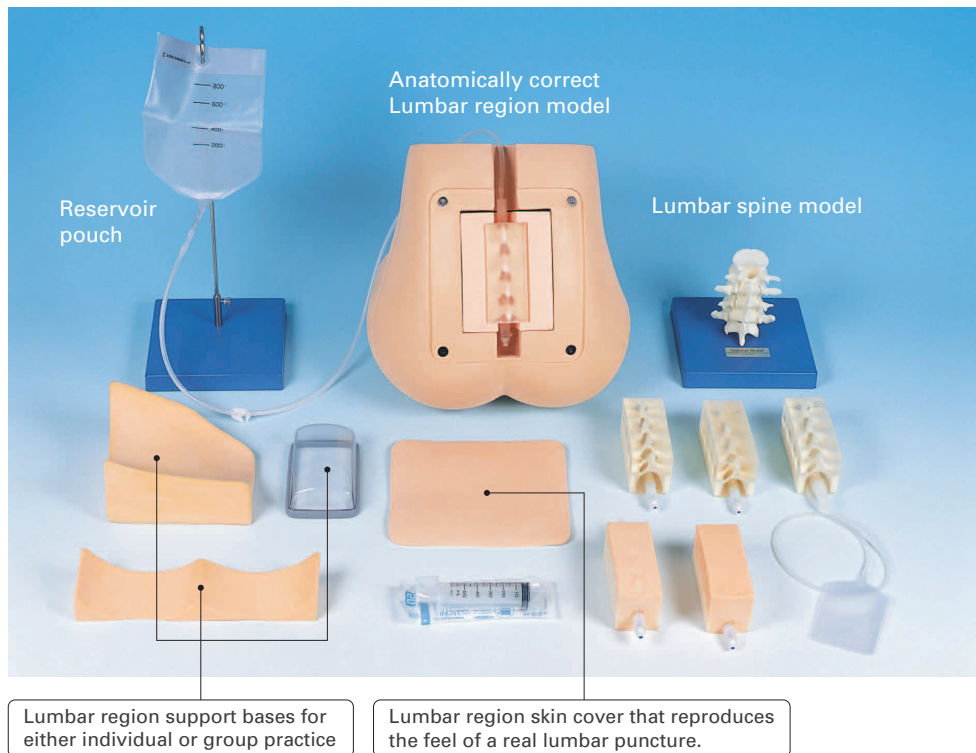
 **KYOTO KAGAKU**

www.kyotokagaku.com rw-kyoto@kyotokagaku.co.jp

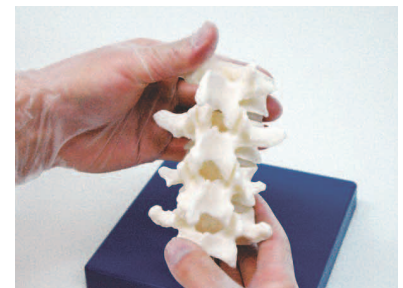
Head Office: 15 Kitanechoya-cho, Fushimi-ku, Kyoto, 612-8388, JAPAN Tel: +81-75-605-2510 Fax: +81-75-605-2519

USA Office: 3109 Lomita Boulevard, Torrance, CA 90505-5108, USA Tel: 1-310-325-8860 Fax: 1-310-325-8867

## Lumbar Puncture Simulator



Palpable landmarks



Lumbar spine model for facilitating anatomical understanding.

A separate anatomical model of the lumbar spine to facilitate anatomical understanding,  
 A transparent puncture block for direct observation of both the anatomy and the spinal needle path,  
 Three lumbar region support stands for either individual or team practice,  
 A thorough guidebook to the relevant anatomy, physiology, indications and performance of the lumbar puncture.  
 Included also is a guide to CSF fluid analysis and LP risk management.

## Lumbar Puncture Simulator II M43B

### Set includes:

- 1 lumbar region model
- 6 lumbar puncture blocks
  - 2 normal CSF, 1 obesity CSF, 1 senior CSF, 1 senior obesity CSF, 1 epidural
- 1 lumbar region skin cover
- 3 lumbar region support bases:
  - sitting position, lateral position, team teaching
- 1 lumbar region skin cover
- 3 lumbar region support bases
- 1 lumbar spine model
- 1 reservoir pouch, tube, support base and syringe
- 1 guidebook

Specifications are subject to change.

### Consumables and optional parts:

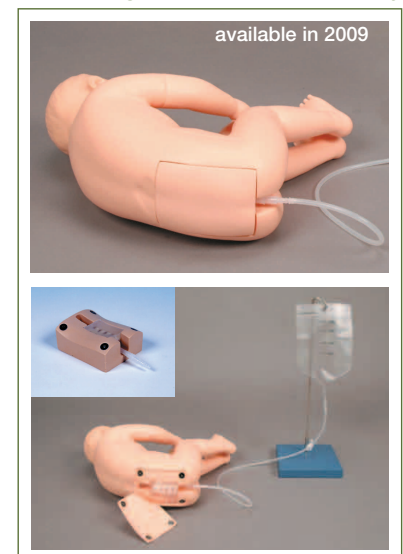
- 11348-090 LP block (normal CSF), 1 pc
- 11348-110 LP block (obesity CSF), 1 pc
- 11348-120 LP block (senior CSF), 1 pc
- 11348-130 LP block (senior obesity CSF), 1 pc
- 11348-140 epidural block, 1 pc
- 11348-150 lumbar region skin cover, 1pc

### Optional parts and items

- 11348-050  
DX LP block (normal CSF, with vertebral bodies and transverse processes), 1pc
- 11348-200  
M43C-2 Pediatric Lumbar Puncture Training Kit  
 Pediatric LP block 1 pc, skin cover 1 pc,  
 Training base 1 pc
- 11348-210 pediatric LP block, 1 pc
- 11348-220 pediatric Skin cover, 1 pc

### M43C

Set including manikin will be commercially



 **KYOTO KAGAKU**

www.kyotokagaku.com rw-kyoto@kyotokagaku.co.jp

Head Office: 15 Kitanechoya-cho, Fushimi-ku, Kyoto, 612-8388, JAPAN Tel: +81-75-605-2510 Fax: +81-75-605-2519

USA Office: 3109 Lomita Boulevard, Torrance, CA 90505-5108, USA Tel: 1-310-325-8860 Fax: 1-310-325-8867