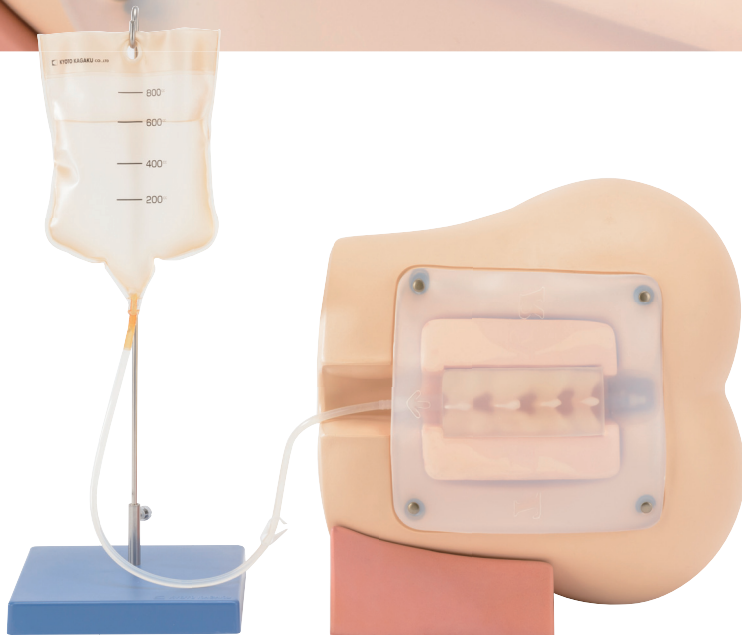
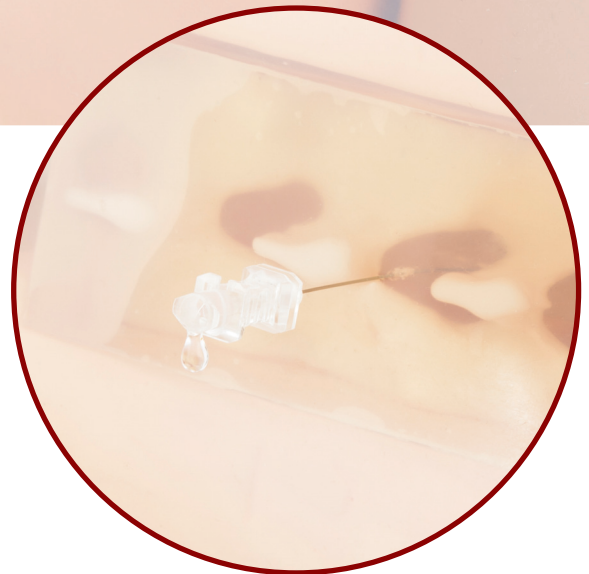


<http://www.unisis.co.jp>

Spinal Simulator



Spinal Simulator

A useful simulator kit for practicing and educating "safe" lumbar puncture procedures

"To Clinically Realistic Condition by Simulator" Provides as a puncture training tool that reproduces a feeling of realistic puncture and lifelike resistance during needle insertion.

This kit consists of a lumbar puncture pad and an epidural puncture pad as well as UNISIS's original transparent simulated skin and 2 types of trial spinal needles. Only an anatomical model allows a wide variation in practicing injection of local anesthesia.

Features

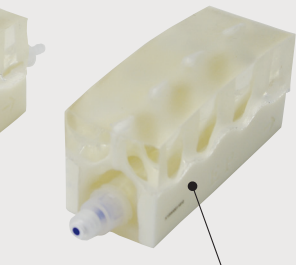
Puncture pad replacement system

Pad replacement system enables students and clinicians to educate and practice a variety of local injection including spinal anesthesia and epidural anesthesia, and local anesthesia for patients with a difficulty of needle puncture (optional).

Lumbar puncture pad allows users to check the recall back of cerebrospinal fluid by filling water into the pad.

Epidural puncture pad can be used to simulate a needle insertion into epidural space through the ligamentum flavum. Also, the simulated epidural space helps users practice a series of epidural anesthesia.

Lumbar puncture pad (for adults/standard type)

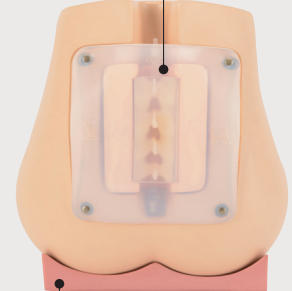


Epidural puncture pad (for lumbar vertebrae)

Transparent simulated skin

Transparent simulated skin with our specific technology allows user to directly observe the anatomy of the vertebra and the pass of spinal needle under clinically realistic puncture condition.

Simulated skin for puncture (transparent type)

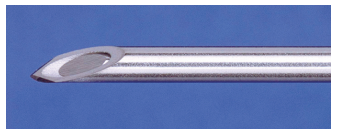


Holding Stand (sitting position type)

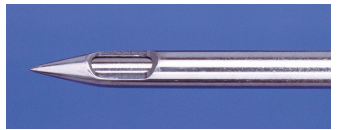
Spinal needles are provided as standard accessories.

Standard accessories include K-3 lancet point needle (Quincke) for spinal anesthesia and Pencil Point needle (Whitacre) which is a noncutting type.

Pencil Point needle enables quick closure of the puncture hole to minimize the CSF recall back, preventing PDPH incidents.



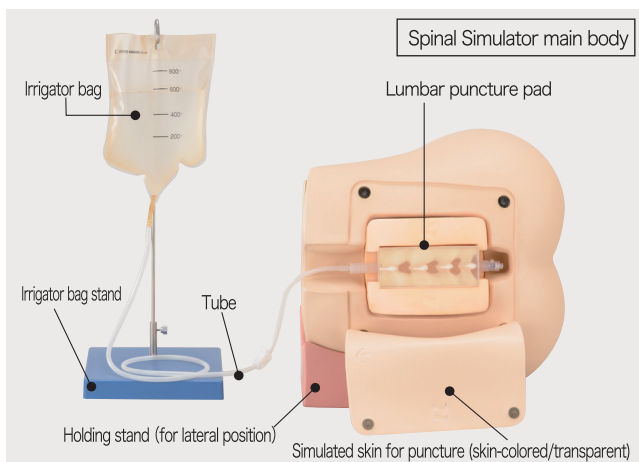
K-3 lancet point needle



Pencil point needle

Names of parts

Model with lumbar puncture pad (adults/standard)



Specification

Spinal Simulator kit

Components	Q'ty	Components	Q'ty
Main body	1	Spinal anesthesia needles (for simulation)	5 each
Lumbar puncture pads(adults/standard)	3	K-3 lancet point	
Drainage bag for epidural puncture pad (for lumbar vertebrae)	1	· 22G 90mm	
Simulated skin for puncture(skin-colored)	1	· 25G 90mm	
Simulated skin for puncture(transparent)	1	Pencil Point	
Holding stand(1 lateral position and 1 sitting position)	2	· 25G 90mm(guide needle 20G 38mm)	5 each
User manual	1	· 27G 90mm(guide needle 22G 38mm)	
Syringe(50 mL)	1	※Needles are not sterilized	
Irrigator bag, Irrigator bag stand	1 each		

For consumable supplies such as puncture pads, please contact UNISIS sales office or your distributors.

Manufacturer



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Made in Japan

Agent

Note:Product specifications are subject to change without prior notice due to product improvements,etc. AP160201E