LUMBAR PUNCTURE SKILLS TRAINER

PRODUCT NUMBER: 1172

DESCRIPTION:

Provides realistic tactile feedback combined with a fluid supply and pressure system, allowing the collection of CSF and measurement of opening pressure. Ideal for practicing injection of local anesthesia, aseptic technique, needle insertion between vertebrae, lumbar puncture, and epidural.

Its separate spine and replaceable tissue mean the model is a cost-effective way to train large numbers of students.

SKILLS:

MORE THAN SIMULATORS S.L.
Calle de la Hoya, 4 2º
44570 Calanda (Teruel)
Spain

CONTACTO
sales@morethansimulators.com
(+34) 936 06 77 05 / (+351) 21 123 85 18
https://morethansimulators.com

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- Practice injection of local anesthetics
- Familiarize with the needle resistance when needle traverses the ligamentum
- Identification of the location of L3/L4 or L4/L5 vertebrae section
- Aseptic technique at puncture site
- Lumbar puncture
- Collect and measure CSF (Cerebral Spinal Fluid)
- Epidural administration

CHARACTERISTICS:

FEATURES:

Replaceable spinal cord insert with skin layer, subcutaneous layer, connective tissue, and lumbar vertebrae

Anatomic features include: iliac crests, lumbar vertebrae L2 – L5, ligamentum flavum, epidural space, and dura

Needle insertion possible between vertebrae

Lifelike needle resistance, including pops when needle traverses ligamentum flavum and dura

Self-healing skin that allows 15 uses with an 18 gauge needle and 25 uses with a 22 gauge

needle before replacement is necessary

 Simple to fill simulated CSF and set fluid pressure, thereby allowing students to collect

CSF and measure CSF opening pressure

Pressure system with simple push-button operation to increase or decrease pressure

LED displays pressure set-point ranging from low, medium to high pressure

Practice procedure in the left lateral decubitus or sitting position

Trainer can be used to simulate aseptic technique and local anesthetic at puncture site

INCLUDE:

- 1 Adult torso
- 3 Spinal canals
- 2 Spinal cord inserts
- 1 Stand with fasteners
- 1 Filling kit
- 1 Soft carrying case
- 1 Power supply AC Adapter
- 1 Instructions manual