

Lumbar Puncture Model

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Product code: SM03655



The standard Lumbar Puncture trainer is designed for use in undergraduate and early postgraduate medical training.

In training sessions, medical students will get a true to life experience, including:

- A distinctive “pop” when puncturing the Dura (using the standard Dura) during a lumbar puncture procedure
- Measurable cerebrospinal fluid (CSF) pressure, model can present realistic pressure between 5 to 25 cmH₂O
- Realistic flow of fluid from the water reservoir, increasing the volume of water will increase the flow rate allowing for quicker training
- Palpable bony landmarks for identification of target vertebrae
- To ensure that ongoing costs remain low, this trainer comes with two LP Tissue Inserts, making it a cost-effective way to train large numbers of students. The Bone Spine Insert can be swapped in seconds, making the tissue easily replaceable for continued use.

If you are looking to train in lumbar puncture and epidural procedures, take a look at our Advanced Epidural & Lumbar Puncture simulator **SKILLS GAINED**

- Identifying the iliac crests
- Administering of local anaesthetic injections
- Administering of therapeutic treatments, e.g. antibiotics or chemotherapy medication
- Performing diagnostic lumbar punctures
- Collection and measurement of cerebrospinal fluid
- Performing procedures in a sitting and left lateral position

OVERVIEW

- Simulator gives a distinctive “pop” feeling when puncturing the dura during a lumbar puncture procedure
- Durable lumbar tissue insert and duras are longer lasting, increasing life span and keeping on going costs down

REALISM

- Needle insertion possible between vertebrae
- Ability to feel when the dura is punctured during lumbar puncture
- Realistic rate of cerebrospinal fluid (CSF) can be simulated

VERSATILITY

- All epidural and lumbar puncture inserts are compatible with the common base
- Skin and duras can be rotated to extend their life span and ensure cost effective training
- The stand provided allows for training in left lateral and sitting positions

CLEANING



- Drain all fluid from the product when not in use
- Clean lumbar puncture trainer with a damp cloth, using warm water and mild detergent
- Allow trainer to completely dry before storing

SAFETY

- This product is latex free

ANATOMY

- Palpable sacrum
- Iliac crests
- Lumbar vertebrae between L2 and L5 with spinous processes
- Ligamentum flavum

CONTAINS

- Water Reservoir 2Ltr
- Lumbar Puncture Insert - Bone
- Lumbar Puncture Insert - Tissue (Pack of 2)
- Epidural & Lumbar Puncture Skin Pad (Light Skin Tone)
- Epidural & Lumbar Puncture Standard Dura (Pack of 2)
- Epidural & Lumbar Puncture Iliac Crest Insert
- Epidural & Lumbar Puncture Insert Cartridge
- Epidural & Lumbar Puncture Sacral Insert (Light Skin Tone)