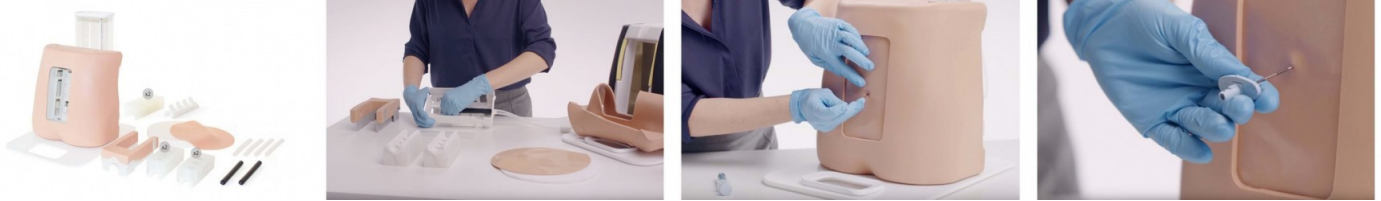


Advanced Epidural & Lumbar Puncture Model

Price inquiry: +48 605999769, kontakt@openmedis.pl

Product code: SM03657



The Advanced Epidural & Lumbar Puncture trainer is suitable for use in Clinical Skills Centres, where both early postgraduate medical and anaesthesia specialisms are taught. Trainees are at a more advanced stage of training, and great realism and the ability to practice on a variety of patients is essential for continued learning. What are the latest features that support training in administering lumbar punctures? 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 or more subtle feedback when using the advanced Dura. 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. What are the latest features that support training in epidural procedures? Ligamentum flavum and interspinous ligaments allow for more realistic haptic feedback and practice of loss of resistance techniques during needle insertion. 6mm epidural space between the insert and the dura enable practice threading an epidural catheter and administering fluids. Softer silicone on either side of the spine offers greater realism and the paramedian approach is easier to perform. Four epidural inserts are supplied with this model, the advanced insert has a steeper angle with a reduced epidural space, allowing practice of more difficult injections. The advanced model comes with three fat pads that can be inserted behind the Skin Pad. Used individually or in combination, they can simulate patients with different amounts of body fat, allowing trainees to practice varying difficulties of injection. To ensure that ongoing costs remain low, this trainer comes with two LP Tissue Inserts, two standard Epidural and two advanced Epidural Inserts. This makes for a more cost-effective way to train large numbers of students. Inserts are easily interchangeable and offer a variety of training scenarios. If you are looking to train in ultrasound guided lumbar puncture and epidural procedures, take a look at our Ultrasound Epidural & Lumbar Puncture Model. **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
- Administration of an epidural

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
- Fat pads can be inserted to vary the patient form

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 Insert (Pack of 2)
- Advanced Epidural Insert (Pack of 2)
- Epidural & Lumbar Puncture Skin Pad (Light Skin Tone)
- Epidural & Lumbar Puncture Fat Pad (Pack of 3)
- Epidural & Lumbar Puncture Standard Dura (Pack of 2)
- Epidural & Lumbar Puncture Advanced Dura (Pack of 4)
- Epidural & Lumbar Puncture Iliac Crest Insert
- Epidural & Lumbar Puncture Insert Cartridge
- Epidural & Lumbar Puncture Sacral Insert (Light Skin Tone)