



## LUMBAR PUNCTURE & EPIDURAL RANGE

This range offers realistic, repeatable and cost effective training in the core skills of Lumbar Puncture and Epidural Anesthesia for both palpation and ultrasound guided techniques.

All three models share a common base but offer different levels of complexity to support trainees from early through to advance learning.

Designed in conjunction with clinicians, the models feature realistic feel and response while offering a safe environment for learning and skill maintenance.

61000	61023	LUMBAR PUNCTURE MODEL
61001	61024	ADVANCED EPIDURAL & LUMBAR PUNCTURE MODEL
61002	61025	ULTRASOUND EPIDURAL & LUMBAR PUNCTURE MODEL

**NEW**



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## LUMBAR PUNCTURE MODEL

61000 61023

This model is designed for early years training. It features replaceable tissue inserts, durable spine and dura that accurately recreate the feel of puncturing the dura and the collection and measurement of CSF.

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



## ADVANCED EPIDURAL & LUMBAR PUNCTURE MODEL

61001 61024

The Advanced model allows training in both lumbar puncture and epidural administration. Featuring two epidural inserts: standard and an advanced version with steeper spine, the model is ideal for both early and advanced training for more complex procedures.

This model also features optional fat pads to fit below the skin to increase realism and difficulty for trainees.

## ULTRASOUND EPIDURAL & LUMBAR PUNCTURE MODEL

61002 61025

Ideal for those wishing to teach lumbar puncture or epidurals using the ultrasound guided technique.

Tested to work on all major ultrasound brands, this model includes visible facet joints.



# QUALITIES

## ANATOMY

- Palpable sacrum, iliac crests and vertebrae L2-5

## REALISM

- Can feel when the dura has been punctured
- Able to practice loss of resistance technique\*
- Obese skin options\*
- Optional steeper spine and smaller vertebral spaces\*

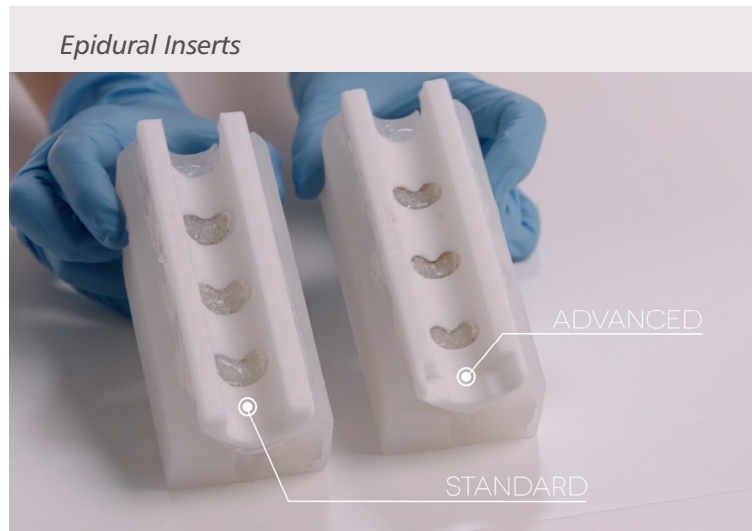
## KEY FEATURES

- Position in left lateral and sitting

## VERSATILITY

- All inserts compatible with common base
- Rotatable skin to ensure cost-effective training

\* 61001/61024 Only



# SKILLS

## LUMBAR PUNCTURE MODEL

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61023

## ADVANCED EPIDURAL & LUMBAR PUNCTURE MODEL

61001

61024

## ULTRASOUND EPIDURAL & LUMBAR PUNCTURE MODEL

61002

61025

- Injection of local anesthetics
- Lumbar puncture
- Collect and measure CSF
- Epidural administration
- Ultrasound- guided technique
- Obese option

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# CONTAINS

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- Epidural & Lumbar Puncture Torso with Torso Skin
- Epidural & Lumbar Puncture Stand
- Lumbar Puncture Insert - Bone
- Lumbar Puncture Insert - Tissue (x2)
- Epidural Insert (x2)
- Advanced Epidural Insert (x2)
- Epidural & Lumbar Puncture Ultrasound Insert (x2)
- Epidural & Lumbar Puncture Skin Pad
- Epidural & Lumbar Puncture Fat Pad (x3)
- Epidural & Lumbar Puncture Standard Dura (x2)
- Epidural & Lumbar Puncture Advanced Dura (x4)
- Epidural & Lumbar Puncture Iliac Crest Insert
- Epidural & Lumbar Puncture Insert Cartridge
- Epidural & Lumbar Puncture Sacral Insert
- Epidural & Lumbar Puncture Water Container
- Marker Pen

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## CURRICULUM REFERENCES:

61000 61023	61001 61024	61002 61025	<b>UNDERGRADUATE MEDICAL EDUCATION (PRECLERKSHIP)</b> <i>Recommendations for Preclerkship Clinical Skills Education for Undergraduate Medical Education, Association of American Medical Colleges, 2008, p.12</i>
61000 61023	61001 61024	61002 61025	<b>UNDERGRADUATE MEDICAL EDUCATION</b> <i>Recommendations for Clinical Skills Curricula for Undergraduate Medical Education, Association of American Medical Colleges, 2005, p.24</i>
	61001 61024	61002 61025	<b>ANESTHESIOLOGY RESIDENCY</b> <i>The Anesthesiology Milestone Project, The Accreditation Council for Graduate Medical Education and The American Board of Anesthesiology, 2015, p.6</i>
61000 61023	61001 61024	61002 61025	<b>INTERNAL MEDICINE RESIDENCY</b> <i>Basic Standards for Residency Training in Internal Medicine, American Osteopathic Association, 2012, p.5</i>
61000 61023	61001 61024	61002 61025	<b>EMERGENCY MEDICINE RESIDENCY</b> <i>Basic Standards for Residency Training in Emergency Medicine, American Osteopathic Association, 2012, p.8</i>
61000 61023	61001 61024	61002 61025	<b>FAMILY MEDICINE RESIDENCY</b> <i>Required Procedural Training in Family Medicine Residency: A Consensus Statement Residency Education, Fam Med 2008 Vol. 40, No. 4, p.251</i>
	61001 61024	61002 61025	<b>PAIN MEDICINE RESIDENCY</b> <i>ACGME Program Requirements for Graduate Medical Education in Pain Medicine (Anesthesiology, Neurology, or Physical Medicine and Rehabilitation), 2017, p.14</i>

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