



## LUMBAR PUNCTURE & EPIDURAL RANGE

This range offers realistic, repeatable and cost effective training in the core skills of Lumbar Puncture and Epidural Anaesthesia 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

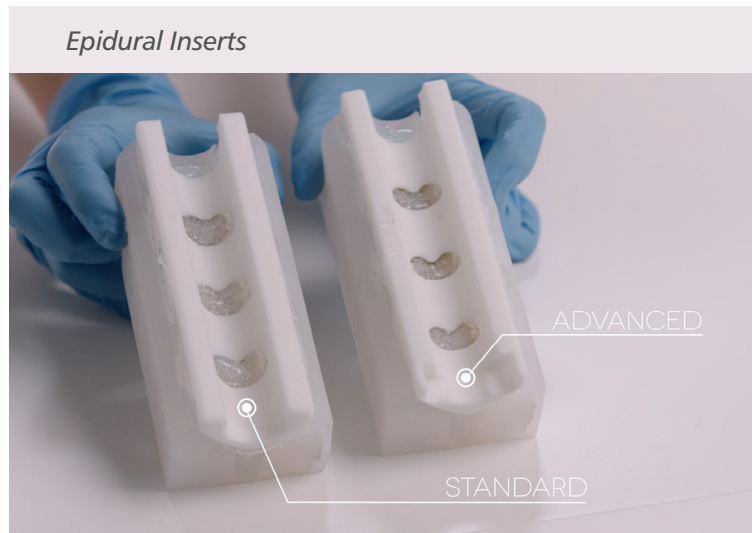
- Can feel when the dura has been punctured
- Able to practice loss of resistance technique\*
- Obese skin options\*
- Optional steeper spine and smaller vertebral spaces\*

## KEY FEATURES

- Position in left lateral and sitting

## VERSATILITY

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



\* 61001 Only

# SKILLS

	LUMBAR PUNCTURE MODEL	ADVANCED EPIDURAL & LUMBAR PUNCTURE MODEL	ULTRASOUND EPIDURAL & LUMBAR PUNCTURE MODEL
	61000	61001	61002
	61023	61024	61025
• Injection of local anaesthetics	✓	✓	✓
• Lumbar puncture	✓	✓	✓
• Collect and measure CSF	✓	✓	✓
• Epidural administration	✗	✓	✓
• Ultrasound- guided technique	✗	✗	✓
• Obese option	✗	✓	✗

# CONTAINS

	61000	61001	61002
	61023	61024	61025
• 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>FOUNDATION PROGRAMME</b> <i>Foundation Curriculum, 2012 (Updated for 2014), p.51</i>
61000 61023	61001 61024	61002 61025	<b>CORE MEDICAL TRAINEES</b> <i>Specialty Training Curriculum for Core Medical Training, 2019 (Amended 2013), p.63</i>
	61001 61024	61002 61025	<b>ANAESTHESIA TRAINEES</b> <i>CCT (Certificate of Completion of Training) in Anaesthetics, Annex B Core Level Training, 2010, p.48</i>
		61002 61025	<b>ANAESTHESIA TRAINEES AND THOSE WHO COMPLETED THEIR FORMAL TRAINING BEFORE THE INTRODUCTION OF ULTRASOUND</b> <i>Ultrasound in Anaesthesia and Intensive Care: A Guide to Training, 2011, p.17</i>
61000 61023	61001 61024	61002 61025	<b>ACUTE CARE COMMON STEM TRAINEES</b> <i>Acute Care Common Stem Core Training Program, Curriculum and Assessment System, 2012, p.103</i>
61000 61023	61001 61024	61002 61025	<b>EMERGENCY MEDICINE SPECIALIST TRAINEES</b> <i>The Royal College of Emergency Medicine, Curriculum and Assessment Systems For Training in Emergency Medicine, 2015, p.144</i>
61000 61023	61001 61024	61002 61025	<b>NEUROLOGY SPECIALIST TRAINEES</b> <i>Specialty Training Curriculum for Neurology, 2010 (Amended 2013), p.22</i>
61000 61023	61001 61024	61002 61025	<b>INFECTIOUS DISEASES SPECIALIST TRAINEES</b> <i>Curriculum for Specialty Training in Infectious Diseases, 2014, p.71</i>

UK V.2 August 2020



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