

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.



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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

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





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	×	ж	✓		
Obese option	×	✓	×		

CONTAINS			61000	61001	61002	
			61023	61024	61025	
Epidural & Lumbar Puncture Torso with Torso Skin			✓	✓	✓	
Epidural & Lumbar Puncture Stand			✓	\checkmark	✓	
• Lumbar Puncture Insert - Bone			\checkmark	\checkmark	×	
• Lumbar Puncture Insert - Tissue (x2)			\checkmark	\checkmark	×	
• Epidural Insert (x2)			×	\checkmark	×	
Advanced Epidural Insert (x2)			×	\checkmark	×	
• Epidural & Lumbar Puncture Ultrasound Insert (x2)			×	×	\checkmark	
Epidural & Lumbar Puncture Skin Pad			\checkmark	\checkmark	×	
• Epidural & Lumbar Puncture Fat Pad (x3)			×	\checkmark	×	
 Epidural & Lumbar Puncture Standard Dura (x2) 			\checkmark	\checkmark	\checkmark	
• Epidural & Lumbar Puncture Advanced Dura (x4)			×	\checkmark	\checkmark	
Epidural & Lumbar Puncture Iliac Crest Insert			\checkmark	\checkmark	\checkmark	
Epidural & Lumbar Puncture Insert Cartridge		\checkmark	\checkmark	\checkmark		
Epidural & Lumbar Puncture Sacral Insert		\checkmark	\checkmark	×		
Epidural & Lumbar Puncture Water Container		\checkmark	\checkmark	\checkmark		
Marker Pen		×	×	\checkmark		

61000/61023

UK

FOUNDATION PROGRAMME

CURRICULUM REFERENCES:

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CORE MEDICAL TRAINEES

Specialty Training Curriculum for Core Medical Training, 2019 (Amended 2013), p.63

ANAESTHESIA TRAINEES

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Ultrasound in Anaesthesia and Intensive Care: A Guide to Training, 2011, p.17

ACUTE CARE COMMON STEM TRAINEES

Acute Care Common Stem Core Training Program, Curriculum and Assessment System, 2012, p.103

■ ■ EMERGENCY MEDICINE SPECIALIST TRAINEES

The Royal College of Emergency Medicine, Curriculum and Assessment Systems For Training in Emergency Medicine, 2015, p.144

NEUROLOGY SPECIALIST TRAINEES

Specialty Training Curriculum for Neurology, 2010 (Amended 2013), p.22

INFECTIOUS DISEASES SPECIALIST TRAINEES

Curriculum for Specialty Training in Infectious Diseases, 2014, p.71

USA

UNDERGRADUATE MEDICAL EDUCATION (PRECLERKSHIP)

Recommendations for Preclerkship Clinical Skills Education for Undergraduate Medical Education, Association of American Medical Colleges, 2008, p.12

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ANESTHESIOLOGY RESIDENCY

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INTERNAL MEDICINE RESIDENCY

Basic Standards for Residency Training in Internal Medicine, American Osteopathic Association, 2012, p.5

■ ■ EMERGENCY MEDICINE RESIDENCY

Basic Standards for Residency Training in Emergency Medicine, American Osteopathic Association, 2012, p.8

FAMILY MEDICINE RESIDENCY

Required Procedural Training in Family Medicine Residency: A Consensus Statement Residency Education, Fam Med 2008 Vol. 40, No. 4, p.251

PAIN MEDICINE RESIDENCY

ACGME Program Requirements for Graduate Medical Education in Pain Medicine (Anesthesiology, Neurology, or Physical Medicine and Rehabilitation), 2017, p.14

AUS/NZ

UNDERGRADUATE

Medical Graduate Competency Framework Stage 2 Final Report, Medical Deans, 2012, Appendix C, p. 29

POSTGRADUATE

Australian Curriculum Framework for Junior Doctors v 2.2, Confederation of Postgraduate Medical Education Councils, p.1

ADULT INTERNAL MEDICINE TRAINEES

Basic Training Curriculum Adult Internal Medicine, The Royal Australasian College of Physicians, 2007 (revised 2013), p.27

ANAESTHESIA SPECIALIST TRAINEES

Anaesthesia Training Program Curriculum, ANZCA, 2018, p.50





