# Making Life Less Painful Product Catalogue



**REGIONAL ANAESTHESIA** 



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#### **Epidural Anaesthesia**

For the past 40 years Portex® has pioneered epidural systems. After being the first to produce epidural catheters for Obstetric Anaesthesia in the early 1970's. Portex® went on to develop 'single use' devices in the early 1980's, quickly establishing a strong reputation for innovation, quality and reliability expected from a market leader. The Portex® Minipack was the first 'single use' kit designed specifically for epidural procedures and included the first plastic, low friction Loss of Resistance Device. The success of this epidural kit has led to the trade name 'Minipack' being used generically within the medical profession to describe a basic single use epidural pack.

Today Portex® continues to lead the field in Epidural Anaesthesia with a broad range of epidural procedure kits and components, including the EpiFuse® Catheter Connector. The EpiFuse® Catheter Connector attaches securely to your catheter and yet is easy to open when necessary. Closing with one hand, with a definitive click, the EpiFuse® Catheter Connector is a response to your request for an epidural catheter connector that locks securely and opens easily.

Recognising that procedural techniques vary, Portex® has pioneered a custom kitting service, allowing clinicians to customise a procedure tray to suit individual needs.



#### **Tuohy Needles**

Designed to provide accurate and reliable access to the epidural space.

- Optimised tip profile to maximise the all-important feel during insertion
- Internal stylets help minimise tissue coring during insertion
- Optional snap on wings allow maximum flexibility in use
- Depth of needle insertion is easily determined by clear 10 mm graduations
- Extra length and paediatric sizes available

ORDERING INFORMATION		
Needle Gauge	Length	Product Code
Tuohy Needles		
16G	80 mm	100/395/160
18G	80 mm	100/395/180
16G	110 mm (clear hub)	100/395/560
18G	110 mm (clear hub)	100/395/580





#### **Epidural 'Loss of Resistance' Device**

The Portex® 'Loss of Resistance' Device is a single use, low friction syringe specifically designed to facilitate successful location of the epidural space.

- Designed with low and consistent frictional movement of the plunger to provide excellent sensitivity for epidural space detection
- Graduated barrel indicates degree of plunger advancement
- Suitable for use with both air and saline techniques with standard Luer slip connection to epidural needles

ORDERING INFORMATION	
Capacity	Product Code
Epidural LORD	
10 mL	100/398/000

Supplied sterile in packs of 10

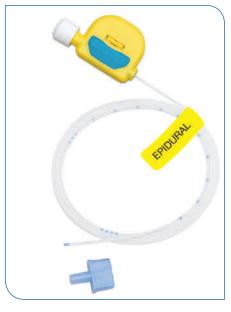


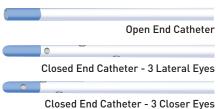
#### **Epidural Single Shot Packs**

Loss of Resistance Device and Tuohy needle set. Ideal for use in chronic pain clinics for bolus injections into the epidural space.

Contents: (Tuohy Needle - length 80 mm, with attachable wings, a 10 mL plastic LORD and a 18G Filter needle)

ORDERING INFORMATION						
Tuohy Needle Gauge	Length	Product Code				
<b>Epidural Single Shot Pack</b>						
16G	80 mm	100/380/016				
18G	80 mm	100/380/018				





(Paediatric)

#### **Epidural Catheter**

- Manufactured from a clear polyether block amide for optimum clarity, strength and kink resistance
- Available in various gauges with a choice of distal tip eye geometry
- Smooth tip forming to help minimise trauma during insertion
- Standard 1 cm catheter marking to facilitate accurate catheter positioning
- Confirmed patency and consistent flow rates achieved through 100% flow testing after manufacture

- Distal tip mark to aid visual confirmation of complete catheter on removal
- Paediatric catheters available in 18G or 19G with option of closer helically placed eyes for even distribution of drugs, helping to reduce the likelihood of multicompartmental spread of local anaesthetic
- All catheters are supplied with the EpiFuse® Catheter Connector

Clear	For use with	Length	Catheter	Catheter	Catheter	Nominal	Diameter	Product
Catheter Type	needle gauge		ID Label	Guide	Connector	Internal	External	Code
<b>Epidural Catheters</b>								
16G Closed End 3 Eyes	16G	915 mm	•	•	•	0.55 mm	1.03 mm	100/382/116CZ
16G 3 Closer Eyes	16G	915 mm	•	•	•	0.55 mm	1.03 mm	100/382/816CZ
18G Closed End 3 Eyes	18G	915 mm	•	•	•	0.45 mm	0.83 mm	100/382/118CZ
18G 3 Closer Eyes	18G	915 mm	•	•	•	0.45 mm	0.83 mm	100/382/818CZ
19G Paediatric Open End	19G		•	•	•	0.38 mm	0.63 mm	100/382/019
Cateter size reflects the co	mpatible spidur	al needle ga	iuge.				Supplied ste	erile in packs of 1





#### **EpiFuse® Catheter Connector**

At Smiths Medical, we always look for innovative ideas that help improve customer satisfaction and the clinical performance of our products. Many times our best ideas come from you. You told us you want a catheter connector for epidurals that locks securely and unlocks easily. We listened.

Introducing the EpiFuse® Catheter Connector. Secure, yet easy to open when necessary, it is now the standard component in the Portex® Continuous Epidural Trays, Kits, and Packs. It is also available packaged separately.

- Accepts catheters that fit through 16G, 17G, and 18G epidural needles
- · One hand activation for ease-of-use
- Tamper resistant
- Definitive closure click
- Yellow body for easy identification as an epidural catheter
- Flat profile for increased patient comfort

ORDERING INFORMATION	
Catheter Gauge	Product Code
EpiFuse® Catheter Connector	
16G/17G/18G	4909E

Supplied sterile in packs of 25



#### **LockIt Plus® Regional Anaesthesia Catheter Fixation Device**

LockIt Plus® Catheter Fixation Device is designed to help minimise unwanted catheter migration and helps to ensure that pain control delivered via the regional anaesthesia catheter is not compromised. With a lower profile to help increase patient comfort, and a larger adhesive pad to help improve its staying power, LockIt Plus® Catheter Fixation Device provides increased confidence and peace of mind during post-operative pain management.

- Low profile transparent locking mechanism maintains catheter patency and permits monitoring of catheter exit site
- Large foam adhesive pad makes application easy and helps to minimise patient discomfort
- Easy to peel backing makes application straightforward, even when wearing gloves
- Available for 16G/17G and 18G regional anaesthesia catheters

ORDERING INFORMATION					
Catheter Gauge	Product Code				
LockIt Plus® Regional Anaesthesia Catheter Fixation Device					
16G/17G	100/399/216				
18G	100/399/218				



#### **Epidural Flat Filter**

Designed for the in-line filtration of low volume doses of aqueous solutions — the flat filter is designed for patient comfort and is especially suitable for filtration of drug solutions during injection into the epidural space to help protect the patient from the transmission of infection.

- The 0.2 µm hydrophilic supported membrane allows two-way filtration and the ability to test aspirate
- Male and female Luer lock connections for maximum security
- Flat profile for patient comfort
- Transparent to allow visual monitoring of filtration and low priming volume
- Suitable for 96 hours period of use

 $N.B. \ We recommend use of this filter with a syringe no smaller than 10 mL capacity to avoid undue pressure.$ 

ORDERING INFORMATION							
Filter Type	Membrane Pore Size	Maximum Pressure	Filter Area	Priming Volume	Product Code		
Epidura	ıl Filter						
Flat	0.2µm hydrophilic 2-way	792 kPa	5.25 cm <sup>2</sup>	0.8 mL	100/386/010 <b>CZ</b>		





#### Epidural MiniPack Systems 1/2/3/4

A cost-effective and convenient procedure pack, containing all the essential components needed to perform an epidural procedure. Available in four variants providing flexibility and choice. All products are single use and offered in space saving packs.

ORDERING INFORMATION							
Tuohy Needle Gauge	Length	With Attachable Wings	Clear Catheter with Connector & Guide	Plastic LORD Size	Catheter Identification Label	0.2µm Epidural Filter	Product Code
Epidural MiniPack System	1						
16G	80 mm	•	Open End	10 mL	•	•	100/391/016CZ
16G	80 mm	•	Closed End 3 Eyes	10 mL	•	•	100/391/116CZ
16G	110 mm	•	Closed End 3 Eyes	10 mL	•	•	100/391/516
16G	80 mm	•	Closed End 3 Closer Eyes	10 mL	•	•	100/391/816 <b>CZ</b>
18G	80 mm	•	Open End	10 mL	•	•	100/391/018CZ
18G	80 mm	•	Closed End 3 Eyes	10 mL	•	•	100/391/118CZ
18G HD (Higher Stiffness)	80 mm	•	Closed End 3 Eyes	10 mL	•	•	100/391/318CZ
18G	110 mm	•	Closed End 3 Eyes	10 mL	•	•	100/391/518
18G	80 mm	•	Closed End 3 Closer Eyes	10 mL	•	•	100/391/818CZ
19G	90 mm	•	Open End	10 mL	•	•	100/391/190

Supplied sterile in packs of 10

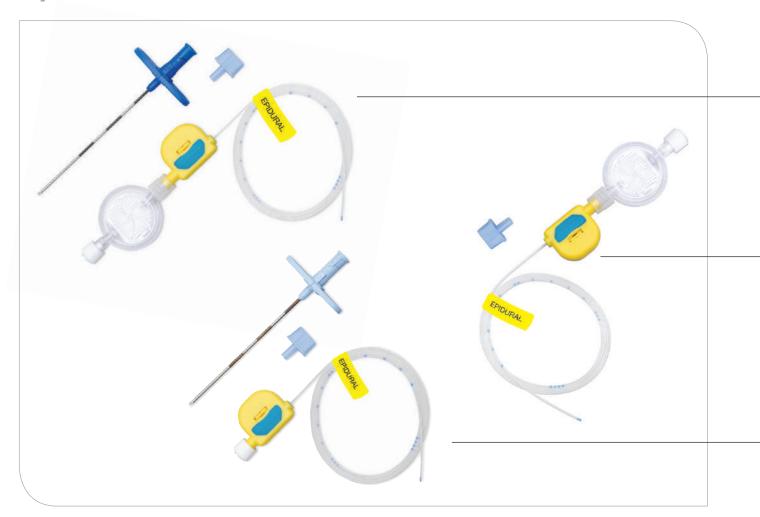
ORDERING	INFORMATION							
Tuohy Needle Gauge	Lengt	h With Attachable Wings	Clear Catheter with Connector & Guide	Plastic LORD Size	Catheter Identification Label	0.2µm Epidural Filter	Product Code	
Epidural M	Epidural MiniPack System 1 Paediatric							
18G	50 mm	n •	Closed End 3 Closer Eyes	10 mL	•	•	100/391/180	
19G	50 mm	1 •	Open End	10 mL	•	•	100/391/019CZ	

Supplied sterile in packs of 10

ORDERING INFORMATI	ION						
Tuohy Needle Gauge	Length	With Attachable Wings	Clear Catheter with Connector & Guide	Plastic LORD Size	Catheter Identification Label	0.2µm Epidural Filter	Product Code
Epidural MiniPack Syst	Epidural MiniPack System 1 with LockIt Plus® Fixation Device						
16G	80 mm	•	Closed End 3 Eyes	10 mL	•	•	100/391/126 <b>CZ</b>

# PORTEX

# **Epidural Anaesthesia**



ORDERING INFORM	ATION					
Tuohy Needle Gauge	Length	With Attachable Wings	Clear Catheter with Connector and Guide	Catheter Identification Label	0.2 µm Epidural Filter	Product Code
Epidural MiniPack S	System 2					
16G	80 mm	•	Closed End 3 Eyes	•	•	100/392/116 <b>CZ</b>
18G	80 mm	•	Closed End 3 Eyes	•	•	100/392/118 <b>CZ</b>

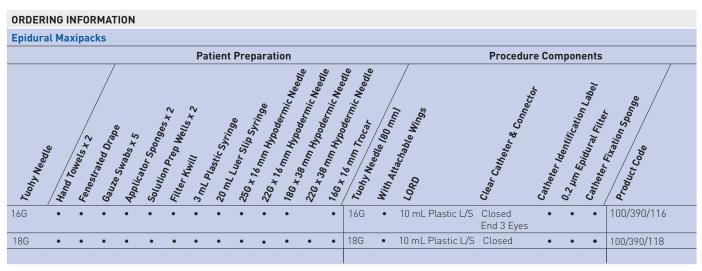
Supplied sterile in packs of 10

ORDERING INFORMATION				
	Clear Catheter with Connector & Guide	Catheter Identification Label	0.2 µm Epidural Filter	Product Code
Epidural MiniPack System 3				
	16G Closed End 3 Eyes	•	•	100/393/116 <b>CZ</b>
	18G Closed End 3 Eyes	•	•	100/393/118 <b>CZ</b>

Supplied sterile in packs of 10

ORDERING INFO	ORMATION				
Tuohy Needle Gauge	Length	With Attachable Wings	Clear Catheter with Connector & Guide	Catheter Identification Label	Product Code
Epidural MiniPa	ack System 4				
16G	80 mm	•	Closed End 3 Eves	•	100/394/116 <b>CZ</b>
_ 100	00 111111		Otosea Ena o Eyes		100/07 1/11002





Supplied sterile in packs of 10

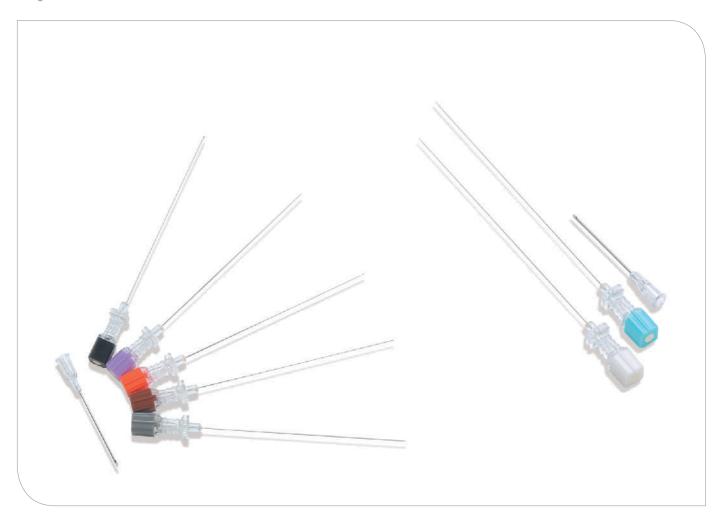
#### **Epidural Maxipacks**

A convenient, single-use procedure pack offered in a logical two-layer format with the upper tray containing a selection of patient preparation components and the lower tray containing all the essential epidural procedure components. Available in 16G, 17G and 18G.



### PORTEX

### **Spinal Anaesthesia**



#### **Spinal Anaesthesia**

Complementing the epidural systems products, Smiths Medical applies the same meticulous attention to detail and quality to a range of precision-engineered spinal needles, including the Portex RapID® spinal needle range. Designed to provide maximum performance without compromise to safety, the Portex RapID® spinal needle selection delivers the high performance demanded by today's healthcare professionals. Spinal needles are available in Lancet (Quincke) and Pencil Point (Whitacre) tip designs, and offered as either individual needles supplied with a matched introducer needle or in convenient procedure trays.

Recognising that procedural techniques vary, the Portex RapID® range of spinal needles are also available through the Select Custom Kitting service, allowing clinicians to customise a spinal procedure tray to suit individual needs.

### **Spinal Anaesthesia**



#### Portex RapID® Spinal Needle Sets and Midi-Trays

The Portex Rapl $\mathbb{D}^{\mathbb{B}}$  range of Spinal Needles are available either as a needle set or in a Midi-Tray format.

The Midi-Tray provides a systematic presentation of the key components necessary for the administration of single shot Spinal Anaesthesia.

- Available in both Pencil Point and Lancet tip variants from 22G through to 27G depending on patient and procedural requirements; Extra length needles available in 26G and 27G
- Pencil Point tip needles incorporate precision engineered tip and eye geometry for atraumatic insertion and promote reduction in Post Dural Puncture Headache (PDPH)
- Size and positioning of the lateral eye helps minimise the potential for transdural positioning, promoting accurate delivery in the subarachnoid space

- Clear hubs and excellent cerebrospinal fluid (CSF) flashback performance provides rapid identification of correct needle placement
- Colour coded stylets allow easy identification of needle size
- Supplied with a matched introducer needle to facilitate accurate and safe needle placement within the subarachnoid space



# **Spinal Anaesthesia**

#### Pencil Point Spinal Needle Sets (Whitacre)



ORDERING INFORMATION							
Spinal Needle	Length	Introducer Needle	RapID®	Product Code	Quantity Per Pack		
Pencil Point Sp	oinal Needle Set	s (Whitacre)					
22G	90 mm	18G	•	100/496/122	20		
24G	90 mm	20G	•	100/496/124	20		
25G	90 mm	20G	•	100/496/125	20		
25G	90 mm			L741-61	100		
26G	90 mm	20G	•	100/496/126	20		
26G	115 mm	20G	•	100/492/816	10		
27G	90 mm	20G	•	100/496/127	20		
27G	115 mm	20G	•	100/492/817	10		

#### Lancet Point Spinal Needle Sets (Quincke)



ORDERING INFORMATION							
Spinal Needle	Length	Introducer Needle	RapID®	Product Code	Quantity Per Pack		
Lancet Poi	nt Spinal Needle	Sets (Quincke)					
22G	90 mm	18G	•	100/496/022	20		
22G	90 mm			L746-61	100		
24G	90 mm	20G	•	100/496/024	20		
25G	90 mm	20G	•	100/496/025	20		
26G	90 mm	20G	•	100/496/026	20		
27G	90 mm	20G	•	100/496/027	20		

# **Spinal Anaesthesia**



#### **Midi-Trays**

Midi-Trays are available in Pencil Point format, containing a spinal needle and introducer, supported by the key components necessary for administration of the local anaesthetic prior to needle insertion.

Filter kwill (5 $\mu$ m, priming volume of 0.3 mL) removes particulate matter when drawing up, maximising patient safety.

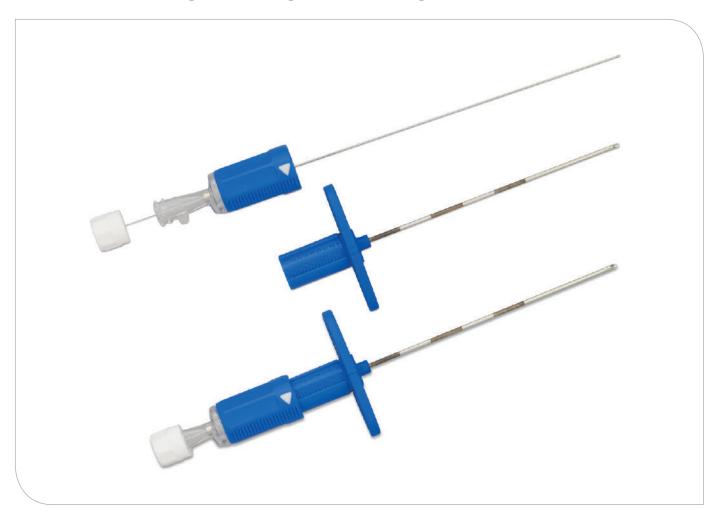
ORDERING INFORMATION								
Spinal Needle	Length	Introducer Needle	Intradermal Needle	Hypodermic Needle	Syringe	Filter Kwill	Product Code	
Spinal Midi-tray	/s							
25G	90 mm	20G	25G	22G	3 mL & 5 mL	•	100/497/125	
26G	90 mm	20G	25G	22G	3 mL & 5 mL	•	100/497/126	



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### PORTEX

### **Combined Spinal Epidural Systems**



#### **Combined Spinal Epidural Systems**

Bringing together the well documented advantages of epidural and spinal anaesthesia, the Smiths Medical range of Combined Spinal Epidural products includes the unique CSEcure® locking needle system.

Launched in 1998, the CSEcure® needle system promotes patient safety and is an effective solution to needle control during the CSE procedure, without compromising the all important feel. The CSEcure® needle system is available in a wide range of pack options from individual sets of needles through to full procedure packs.

Recognising that procedural techniques vary, the CSE needle range is also available through the Select Custom Kitting service, allowing the clinician to customise a CSE procedure tray to suit their individual needs. In addition, the CSE range offers a selection of traditional non-locking needle systems supplied as either matched needle sets or in full procedure trays. These traditional non-locking CSE needles are offered in 'needle-through-needle' or 'back eye' design to facilitate spinal needle placement.

### **Combined Spinal Epidural Systems**



CSEecure® Needle Sets



CSEecure® Minipacks

#### **CSE Needle Systems**

- Providing the rapid onset and reliability of a spinal block, allowing anaesthesia to be prolonged both intra and post-operatively via an epidural catheter
- Designed for optimal performance, helping to minimise drag of needle through needle and maximise feel of dural puncture
- Rapid CSF flashback to confirm correct needle tip position
- CSEcure® needle system's unique locking needle hub feature enables tip relationships to be maintained after dural puncture, providing increased confidence of correct spinal needle tip position during injection of the anaesthetic

- Maximum of 15 mm spinal needle tip protrusion from Tuohy needle
- In locked position the spinal needle is free to rotate, enabling 360° freedom for drug dispersal in preferred direction
- Pencil point needles provide a satisfactory solution to the problem of Post Dural Puncture Headache (PDPH) and atraumatic entry into the sub-arachnoid space
- Excellent drug distribution is achieved through three helically located lateral eyes within the clear catheter, helping to minimise the potential for the localised pooling of drug solutions within the epidural space

ORDERING INFORMATION							
Tuohy Needle	With Attachable Wings	Spinal Needle	Spinal Needle Type	CSEcure® Lock	Product Code		
CSEcure® Ne	edle Sets						
16G	•	26G	Pencil	•	100/396/916		
16G	•	27G	Pencil	•	100/396/716		
18G	•	27G	Pencil	•	100/396/718		

Supplied sterile in packs of 10

ORDERING IN	IFORMATION					
Tuohy Needle	With Attachable Wings	Spinal Needle	Spinal Needle Type	CSEcure® Lock	Product Code	
CSEcure® Mir	•					
Contents: CSEcure® needle set with lock, Catheter (closed end 3 eyes) and EpiFuse® connector,						
			•	s) and EpiFuse conn	iector,	
	ORD, Fixation spo		•	s) and EpiFuse conn	ector,	
			•	e) and EpiFuse conn	100/491/916	
Filter (0.2µm), L		nge, Catheter ID	label	•		



# **Combined Spinal Epidural Systems**



ORDERING I	NFORMATION					
Tuohy Needle	With Attachable Wings	Spinal Needle	Spinal Needle Type	Back Eye	Product Code	
Traditional (non-locking) Needle Sets						
16G	•	26G	Pencil		100/396/816	

Supplied sterile in packs of 10

Traditional (non-locking) Needle Sets



Traditional (non-locking) CSE Minipacks

ORDERING INFORMATION							
Tuohy Needle	With Attachable Wings	Spinal Needle	Spinal Needle Type	Back Eye	Product Code		
Contents: CSE	Traditional (non-locking) CSE Minipacks Contents: CSE needle set, Catheter (closed end 3 eyes) and EpiFuse* Catheter Connector, Filter (0.2µm), LORD, Fixation sponge, Catheter ID label						
16G	•	26G	Pencil		100/491/816		
18G	•	26G	Pencil		100/491/818		

Supplied sterile in packs of 10

#### **REGIONAL ANAESTHESIA**

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