

EpiSpin

Needles and Catheter Sets for
Combined Spinal-Epidural Anaesthesia



Two key features combined into one innovative product

With EpiSpin, PAJUNK® combines two techniques into one product; atraumatic spinal anaesthesia using the SPROTTE® needle, and continuous epidural catheter placement using the Tuohy needle. The EpiSpin offers smooth spinal puncture while minimising needle tip damage through the back-eye opening on the distal end of the Tuohy needle. With the integrated locking mechanism or the fixation device, the Sprotte needle is stabilised for injection of anaesthetic, reducing the risk of needle displacement.

→ Minimising post-spinal headache with the original Sprotte puncture needle

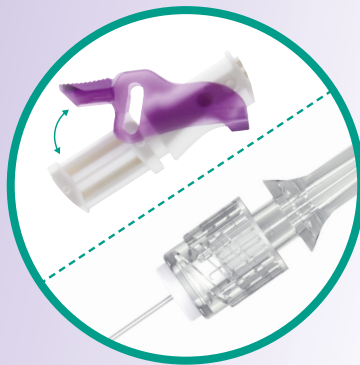


AVAILABLE OPTIONS

Unique Locking System

Easily fixate the Sprotte needle in desired position.

- Allows for single-handed locking of the Sprotte needle
- Allows for 360° rotation of the Sprotte needle for optimal needle eye positioning
- Stepless fixation mechanism



Fixation Device

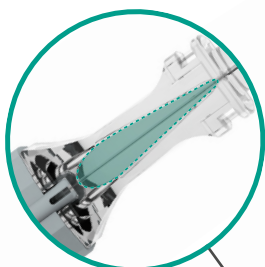
Easily fixate the Sprotte needle in desired position.

- Allows for 360° rotation of the Sprotte needle for optimal needle eye positioning

Magnifying Hub

Clear, magnifying needle hub allows for easy visualisation of blood or CSF.

- Easier detection of CSF flashback

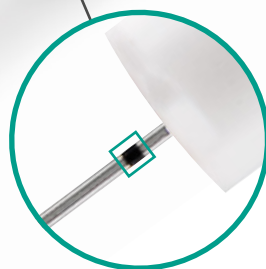


Innovative locking system

Tuohy needle with detachable wings



Sprotte needle



Outlet Marking

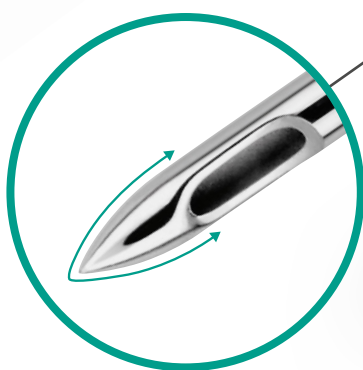
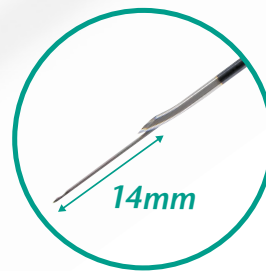
Marking on the Sprotte needle shaft indicates the exit of the needle tip through the back-eye opening.

- Simplifies positioning of the Sprotte needle

Back-Eye Opening

Additional distal opening in the Tuohy tip geometry for optimal positioning of the Sprotte needle.

- No bending of spinal needle over Tuohy tip to minimise the chance of needle tip damage
- Designed only for Sprotte needle to pass, not the Epidural catheter
- Spinal puncture needle extends maximum 14mm



Precision-Ground Metal Stylet

Standard metal stylet with flush grinding for greater stability of the needle.

- Flush ends of metal stylet and needle reduce the risk of tissue displacing

Atraumatic Tip Design

The ogive shaped tip significantly reduces the risk of PDPH and the rounded edges of the lateral eye minimise trauma to the dura mater.^{1,2,3}

- Minimises chance of PDPH
- Consistent tactile feedback



Also available in **NRFit**[®]

EpiSpin Lock Sets

EpiLong catheter

Closed tip and three lateral openings; with locking mechanism

Tuohy	EpiLong catheter	SPROTTE®	Item no.	PU	FixoLong	Filter 0.2 µm	Clamping Adapter	LOR 10 ml
18G x 135mm (5 3/8")	20G x 90cm (35")	25G	0121351-18	10	●	●	●	
18G x 90mm (3 1/2")	20G x 90cm (35")	27G	0001351-30	10	●	●		
18G x 90mm (3 1/2")	20G x 90cm (35")	27G	0021351-30	10	●	●	●	
18G x 90mm (3 1/2")	20G x 90cm (35")	25G	0021351-18	10	●	●	●	
18G x 90mm (3 1/2")	20G x 90cm (35")	25G	0001351-18	10	●	●		
16G x 90mm (3 1/2")	19G x 90cm (35")	25G	0021351-17	10	●	●	●	●

EpiSpin Lock Soft Sets

EpiLong Soft catheter

Integrated stainless steel helical coil, closed tip and six lateral openings; with locking mechanism

Tuohy	EpiLong catheter	Sprotte	Item no.	PU	Filter 0.2 µm	Clamping Adapter	LOR 10 ml
18G x 90mm (3 1/2")	20G x 90cm (35")	27G	0021352-30	10	●	●	●
18G x 90mm (3 1/2")	20G x 90cm (35")	25G	0021352-18	10	●	●	●

EpiSpin II SAFETY & EpiSpin SAFETY NRFit®

EpiLong catheter

Closed tip and three lateral openings; with fixation device

Tuohy with metal stylet	EpiLong catheter	Sprotte	Item no.	Item no. NRFit*	PU	FixoLong (only NRFit Sets)	Filter	Clamping Adapter	LOR 10 ml
18G x 90mm (3 1/2")	20G x 90cm (35")	27G	0021451-30	1022461-30	10	●	●	●	●
18G x 90mm (3 1/2")	20G x 90cm (35")	25G	0021451-18	1022461-18	10	●	●	●	●

*Sets include a Filter Needle NRFit 18G x 50mm

EpiSpin Lock Needles

Locking mechanism, Back-Eye Tuohy

Tuohy	Sprotte	Item no.	PU
18G x 90mm (3 1/2")	27G	0011351-30	10
17G x 90mm (3 1/2")	25G	0011351-20	10