

# PAJUNK®



## *Regional Anesthesia* *Product Catalogue*



2ND GENERATION

**Made in Germany**

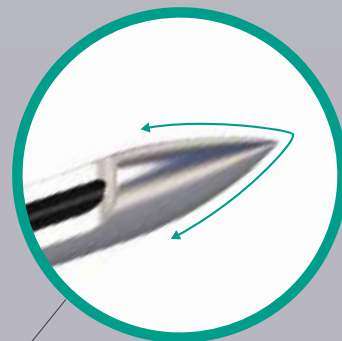
# PIONEER OF SPINAL ANAESTHESIA THE SPROTTE®



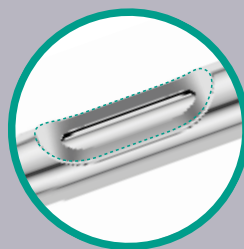
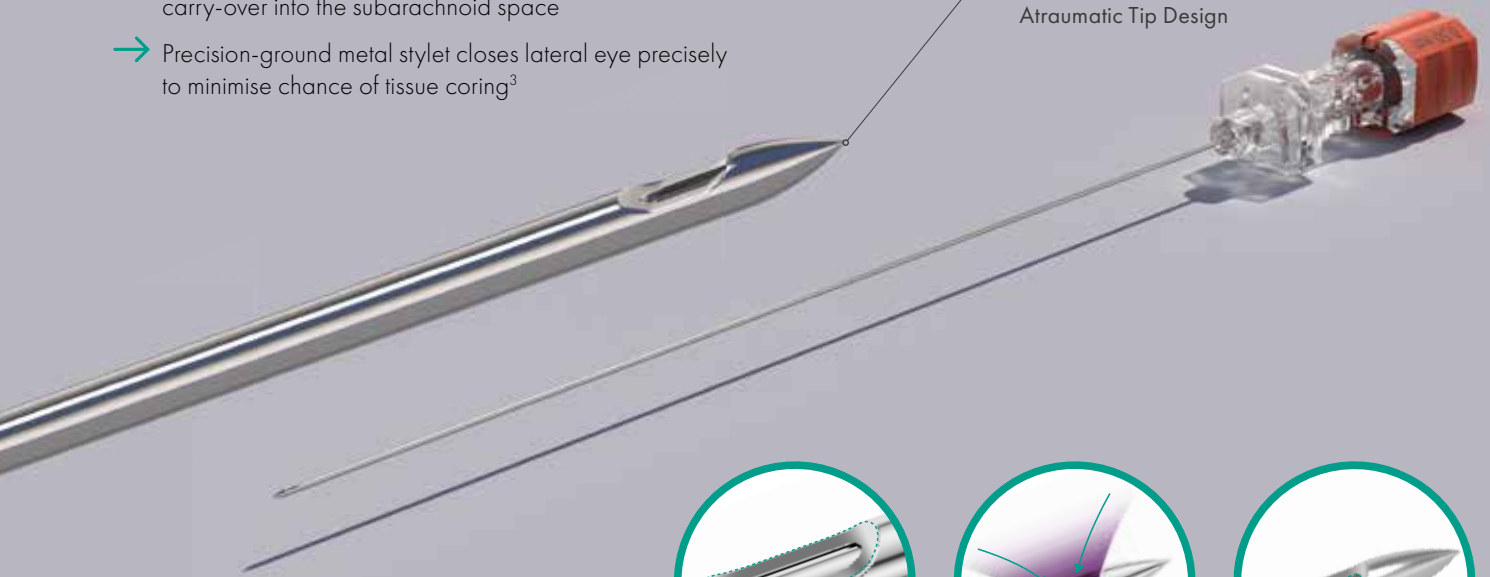
## First Atraumatic Needle – 1979

### Sprotte

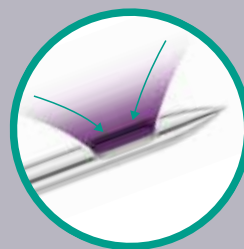
- The **ogive shaped tip** significantly reduces trauma to the dura mater and minimises the risk of PDPH<sup>1</sup>
- Unobstructed backflow and quicker CSF flashback<sup>2</sup>
- Lateral Eye with burr-free, rounded edges optimises gliding properties and minimises chance of tissue coring and carry-over into the subarachnoid space
- Precision-ground metal stylet closes lateral eye precisely to minimise chance of tissue coring<sup>3</sup>



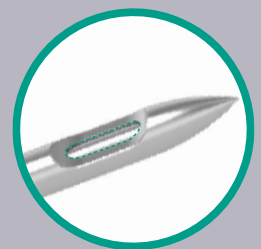
Atraumatic Tip Design



Lateral Eye



Optimal Lateral Eye Size  
and Placement



Precision-Ground Metal  
Stylet

<sup>1</sup> Cesarini, M. et al. Sprotte needle for intrathecal anaesthesia for Caesarean section: incidence of postdural puncture headache., *Anaesthesia* 1990; 45: 646–658  
<sup>2</sup> Saenghirunvattana R. et al. A comparison study between newly-designed pencil-point and cutting needles in spinal anaesthesia, *J. Med. Assoc. Thai.* 2008; 91 (Suppl 1): S156–161  
<sup>3</sup> Armon C., Evans R. W. Addendum to assessment: Prevention of postlumbal puncture headaches Report of the Therapeutics and Technology Assessment Subcommittee of the American Academy of Neurology., *Neurology.*, 2005; 65; 510

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# *Spinal Anesthesia*

*Needles and Catheters for Atraumatic  
Spinal Anesthesia*



# SPROTTE®

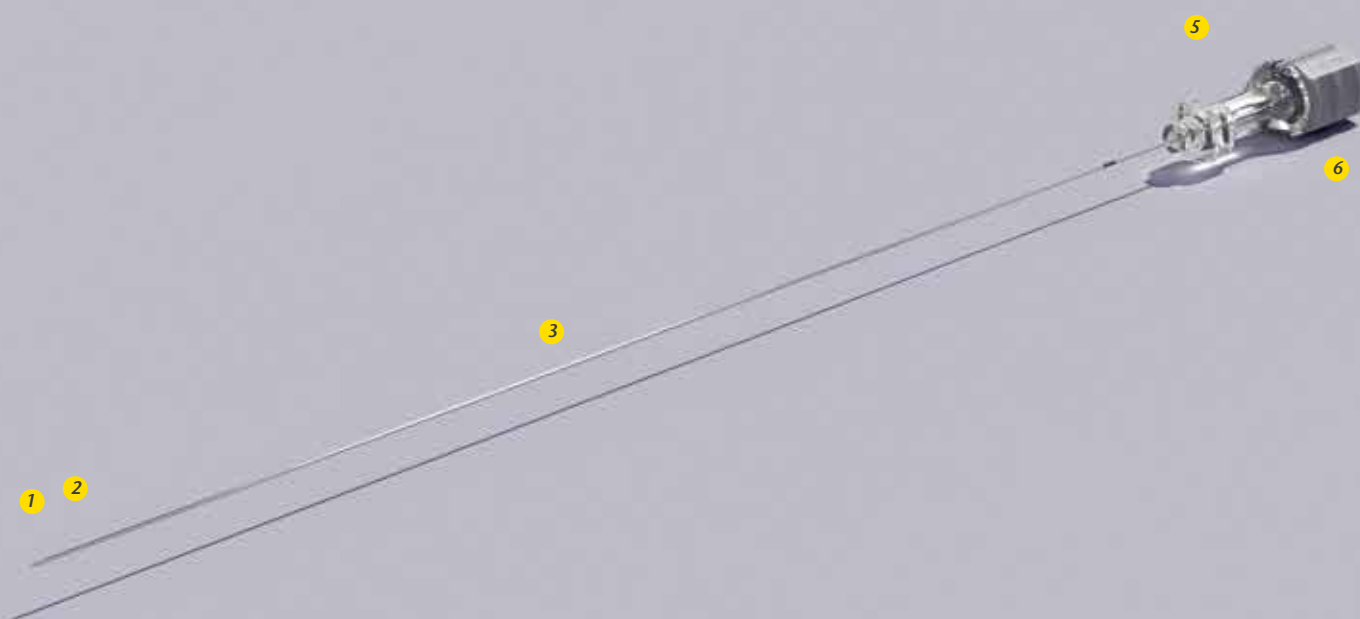
## Needles for Atraumatic Spinal Anesthesia with Standard Hub or Magnifying Hub

- 1 Atraumatic Tip Design
- 2 Lateral Eye
- 3 Precision-ground Metal Stylet
- 4 Standard Hub
- 5 Alternatively: Magnifying Hub
- 6 Highest Processing Quality



### Product advantages at a glance:

- Atraumatic tip design minimises chance of PDPH<sup>1</sup>
- Unobstructed CSF backflow
- Smooth gliding properties and improved tactile feedback



1. Cesarini, M. et al. Sprotte needle for intrathecal anaesthesia for Caesarean section: incidence of postdural puncture headache, *Aesthesia* 1990; 45: 646-658

## Sprotte Needles with Standard Hub/Magnifying Hub

Description	Introducer	Item no. Standard hub	Item no. Magnifying hub	NRFit® Item no. Magnifying hub	NRFit Sets* Item no. Magnifying hub	PU
• 27G x 35 mm (1 1/3")			111151-27A			25
27G x 90 mm (3 1/2")	30 mm (1 1/5")		121151-27A	021163-27A		25
27G x 90 mm (3 1/2")	30 mm (1 1/5")				021166-27A	10
27G x 90 mm (3 1/2")	40 mm (1 3/5")			211163-27A		25
27G x 103 mm (4")	40 mm (1 3/5")		141151-27A	041163-27A		25
27G x 120 mm (4 3/4")	40 mm (1 3/5")		151151-27A	031163-27A		10
27G x 123 mm (4 4/5")			231151-27A			10
26G x 90 mm (3 1/2")	30 mm (1 1/5")	121151-26A		121163-26A		25
26G x 103 mm (4")	40 mm (1 3/5")	021151-26A		021163-26A		25
26G x 120 mm (4 3/4")	40 mm (1 3/5")	041151-26A		041163-26A		10
• 25G x 35 mm (1 1/3")		001151-29E		001163-29E		25
25G x 90 mm (3 1/2")	30 mm (1 1/5")	021151-29A	511151-29A	021163-29A		25
25G x 90 mm (3 1/2")	30 mm (1 1/5")				021166-29A	10
25G x 90 mm (3 1/2")	40 mm (1 3/5")			211163-29A		25
25G x 90 mm (3 1/2")	40 mm (1 3/5")				211166-29A	10
25G x 103 mm (4")	40 mm (1 3/5")	041151-29A	161151-29A	041163-29A		25
25G x 120 mm (4 3/4")		031151-29A				10
25G x 120 mm (4 3/4")	40 mm (1 3/5")	051151-29A	171151-29A	051163-29A		10
25G x 123 mm (4 4/5")		151151-29A				10
25G x 150 mm (6")	40 mm (1 3/5")	061151-29A				10
• 24G x 35 mm (1 1/3")		001151-30E		001163-30E		25
24G x 90 mm (3 1/2")		001151-30A		001163-30A		25
24G x 90 mm (3 1/2")	30 mm (1 1/5")	121151-30A		121163-30A		25
24G x 90 mm (3 1/2")	30 mm (1 1/5")				121166-30A	10
24G x 103 mm (4")	40 mm (1 3/5")	021151-30A		021163-30A		25
24G x 103 mm (4")	40 mm (1 3/5")				521166-30A	10
24G x 120 mm (4 3/4")		031151-30A				10
24G x 120 mm (4 3/4")	40 mm (1 3/5")	041151-30A		041163-30A		10
24G x 150 mm (6")	40 mm (1 3/5")	131151-30A		131163-30A		10
• 22G x 50 mm (2")		071151-30C		071163-30C		25
22G x 90 mm (3 1/2")		001151-30C		001163-30C		25
22G x 90 mm (3 1/2")	30 mm (1 1/5")	021151-30C		021163-30C		25
22G x 90 mm (3 1/2")	30 mm (1 1/5")				021166-30C	10
22G x 103 mm (4")	40 mm (1 3/5")	221151-30C		221163-30C		25
22G x 120 mm (4 3/4")	40 mm (1 3/5")	131151-30C		131163-30C		10
22G x 150 mm (6")	40 mm (1 3/5")	141151-30C		141163-30C		10

• Small patient product

\*NRFit Sets include a Filter Needle NRFit 18G x 50mm (2"), Syringe NRFit 3 ml Slip, Syringe NRFit 5 ml Slip

# SPROTTE® Introducer

Matching Introducer for  
Sprotte Spinal Needles

- 1 Facet Tip
- 2 Match Perfectly to Each Spinal Needle Size



*Product advantages at a glance:*

- Minimal reduction of useable working length of the spinal needle
- Funnel-shaped hub to reduce chance of spinal needle tip damage during insertion

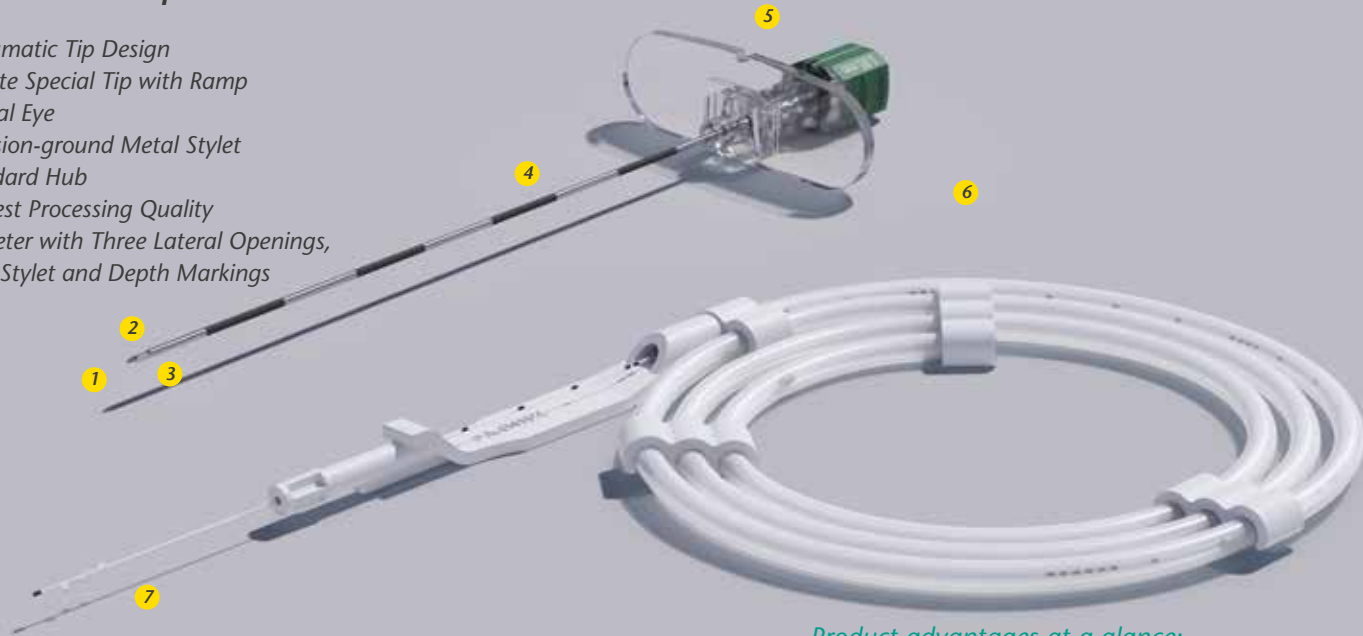
Description	Sprotte Size	Item no.	NRFit® Item no.	PU
20G x 30 mm (1.00 mm x 1 1/5")	22G	001151-30L	001163-30L	25
20G x 40 mm (1.00 mm x 1 3/5")	22G	001151-30M	001163-30M	25



# IntraLong

## Catheter Set for Continuous Spinal Anesthesia

- 1 Atraumatic Tip Design
- 2 Sprotte Special Tip with Ramp
- 3 Lateral Eye
- 4 Precision-ground Metal Stylet
- 5 Standard Hub
- 6 Highest Processing Quality
- 7 Catheter with Three Lateral Openings, Steel Stylet and Depth Markings



### Product advantages at a glance:

- Atraumatic tip design minimises chance of PDPH<sup>1</sup>
- Unobstructed CSF backflow
- Smooth gliding properties and improved tactile feedback
- Improved flow of anaesthetic

Description	Catheter	Item no.	NRFit Item no.	PU	Filter	Clamping Adapter	1 ml Luer syringe
21G x 90 mm (3 1/2")	25G x 90 cm (35")	31151-30GS	22161-30GS	10	•	•	•

1. Cesarini, M. et al. Sprotte needle for intrathecal anaesthesia for Caesarean section: incidence of postdural puncture headache, *Anaesthesia* 1990; 45: 646-658

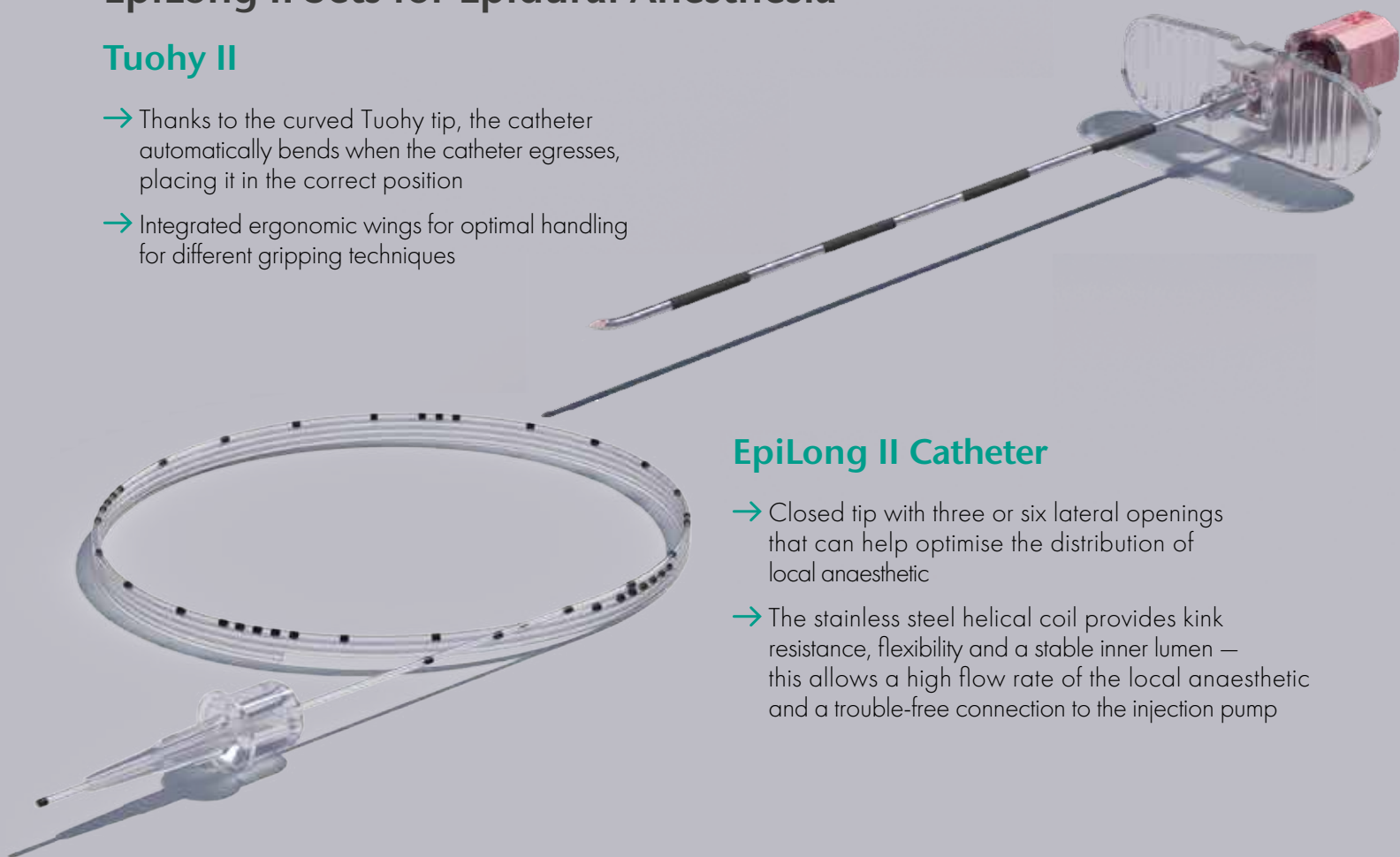
**WE ARE PAJUNK®**  
Your partner, always at your service.



## EpiLong II Sets for Epidural Anesthesia

### Tuohy II

- Thanks to the curved Tuohy tip, the catheter automatically bends when the catheter egresses, placing it in the correct position
- Integrated ergonomic wings for optimal handling for different gripping techniques



### EpiLong II Catheter

- Closed tip with three or six lateral openings that can help optimise the distribution of local anaesthetic
- The stainless steel helical coil provides kink resistance, flexibility and a stable inner lumen — this allows a high flow rate of the local anaesthetic and a trouble-free connection to the injection pump



**LEARN MORE AT**  
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**PAJUNK®**

# *Epidural Anesthesia*

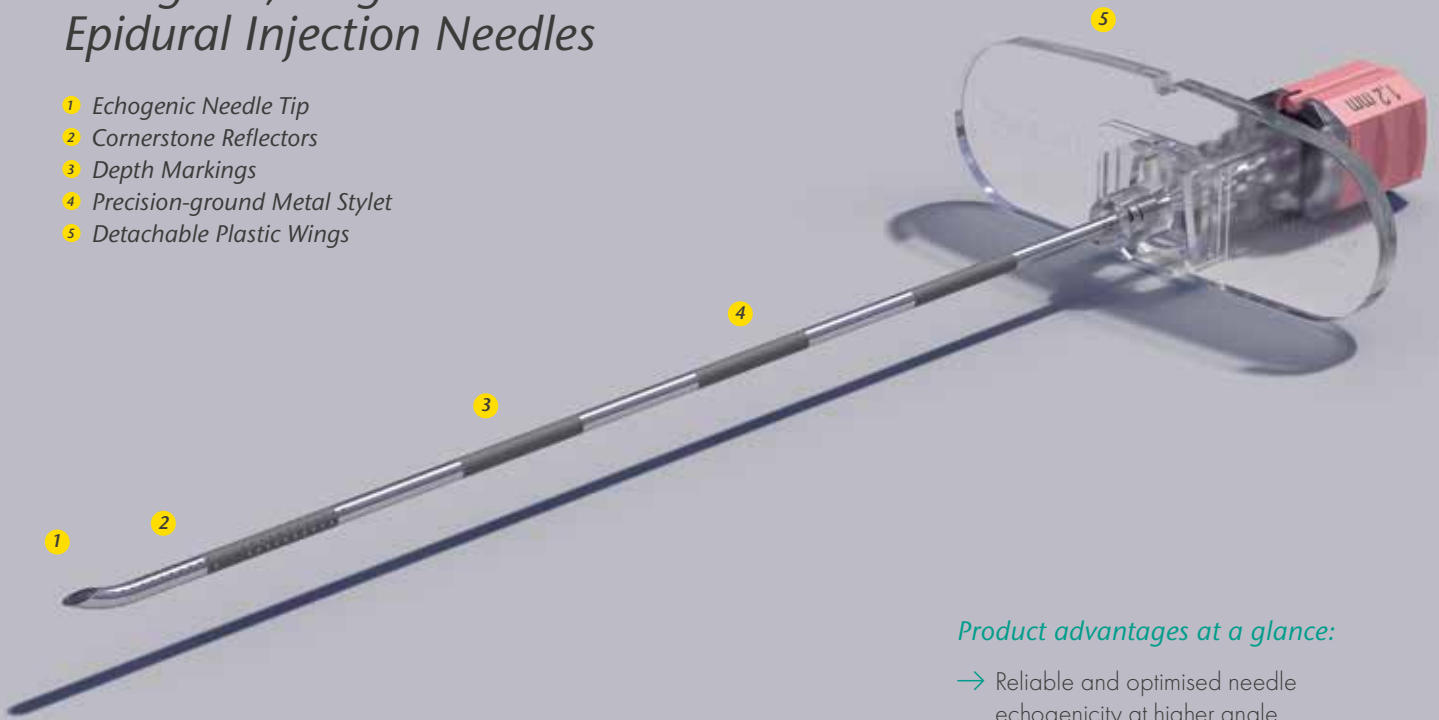
*Wide Range of  
Needles and Catheter Systems*



# TuohySono

## Echogenic, Single Shot Epidural Injection Needles

- 1 Echogenic Needle Tip
- 2 Cornerstone Reflectors
- 3 Depth Markings
- 4 Precision-ground Metal Stylet
- 5 Detachable Plastic Wings



### Product advantages at a glance:

- Reliable and optimised needle echogenicity at higher angle
- Optimised ultrasound visibility of needle shaft
- Minimised tissue coring
- Smooth gliding properties
- Optimum handling for different gripping techniques

Description	Item no.	PU
21G x 90mm	1085-4F090	25
• 18G x 50mm (2")	1085-4K050	25
18G x 90mm (3 1/2")	1085-4K090	25
18G x 120mm (4 3/4")	1085-4K120	10
17G x 90mm (3 1/2")	1085-4M090	25

- Small patient product

# Tuohy II

## Single Shot Epidural Injection Needles

- 1 Depth Markings
- 2 Precision-ground Plastic Stylet
- 3 Integrated Ergonomic Wings



### Product advantages at a glance:

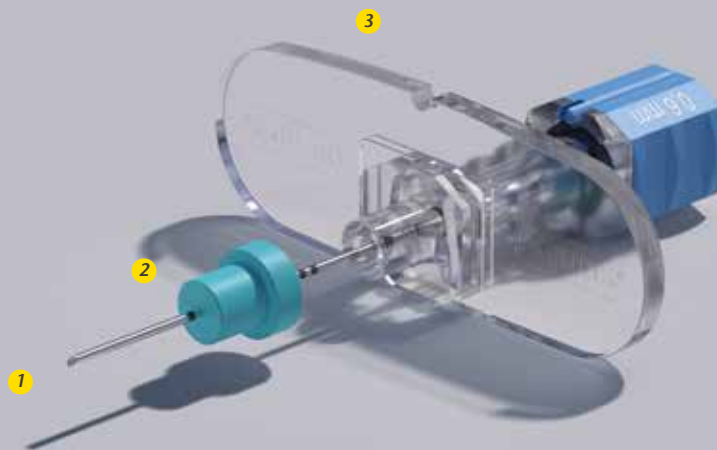
- Minimised tissue coring
- Smooth gliding properties
- Optimum handling for different gripping techniques

Description	Item no.	NRFit® Item no.	PU
19G x 90mm (3 1/2")	1170-6I091	1176-6I091	10
18G x 80mm (3 1/4")	1170-6K081	1176-6K081	10
18G x 90mm (3 1/2")	1170-6K091	1176-6K091	10
18G x 120mm (4 3/4")	1170-6K120	1176-6K120	10
17G x 90mm (3 1/2")	1170-6M091	1176-6M091	10
17G x 120mm (4 3/4")	1170-6M120	1176-6M120	10

# Caudal

## Injection Needles with Crawford Bevel

- 1 Crawford Tip
- 2 Depth Stop and Depth Markings
- 3 Detachable Plastic Wings



*Product advantages at a glance:*

- Easy identification of puncture depth
- Optimum handling for different gripping techniques

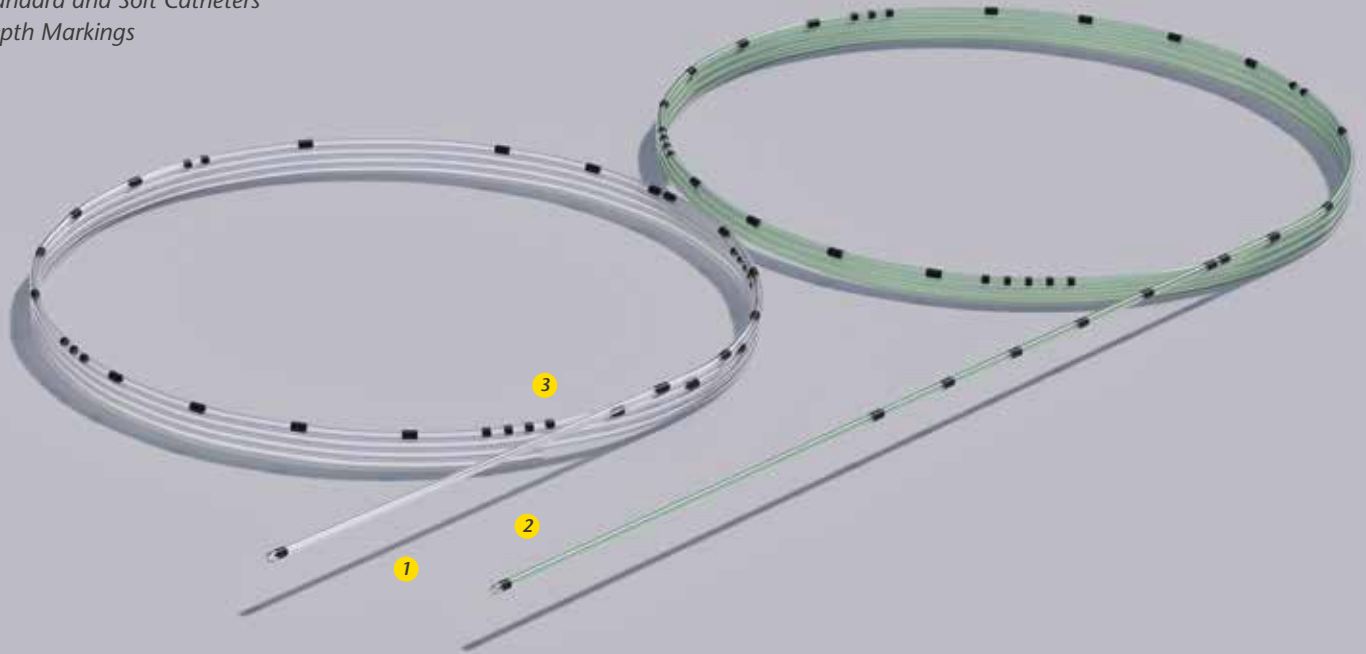
Description	Item no.	NRFit® Item no.	PU
• 25G x 25 mm (1")		1163-12C025	25
• 23G x 25 mm (1")	1149-12D025		25
• 22G x 40 mm (1 3/5")	1149-12E040	1163-12E040	25
• 22G x 60 mm (2 1/4")	1149-12E060		25

- Small patient product

# EpiLong (Soft) Cath

## Catheters for Epidural Anesthesia

- 1 Closed Tip and Lateral Openings
- 2 Standard and Soft Catheters
- 3 Depth Markings



*Product advantages at a glance:*

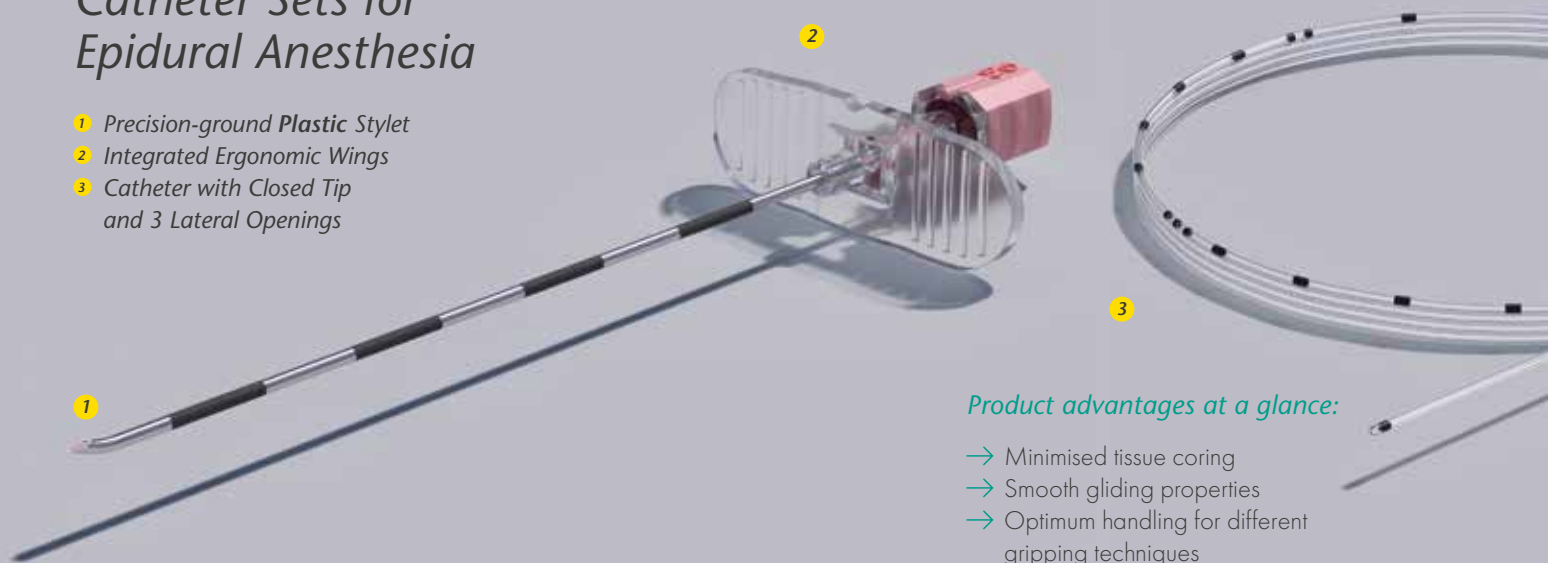
- Improved flow of anaesthetic
- Kink resistant (Soft Catheter)

Description	Lateral openings	Item no.	NRFit Item no.	PU	Steel mandrin	Stainless steel helical coil	Clamping Adapter
20G x 90 cm (35")	6	041151-37R	041163-37R	10	•	•	•
19G x 90 cm (35")	6	041151-37P		10		•	•
20G x 90 cm (35")	3	001151-37C		10	•		•
20G x 90 cm (35")	3	021151-37C	021163-37C	10			•
19G x 90 cm (35")	3	001151-37A		10	•		•
19G x 90 cm (35")	3		021163-37A	10			•

# EpiLong II

## Catheter Sets for Epidural Anesthesia

- 1 Precision-ground Plastic Stylet
- 2 Integrated Ergonomic Wings
- 3 Catheter with Closed Tip and 3 Lateral Openings



**Product advantages at a glance:**

- Minimised tissue coring
- Smooth gliding properties
- Optimum handling for different gripping techniques

EpiLong II Description	Catheter	Item no.	NRFit Item no.	NRFit Sets* Item no.	PU	FixoLong	FixoCath	Filter	Clamping Adapter	LOR 7 ml
18G x 80 mm (3 1/4")	20G x 90 cm (35")	033115301-51	033116301-51	133116301-51	10			•	•	•
18G x 80 mm (3 1/4")	20G x 90 cm (35")	053115301-51			10	•		•	•	•
18G x 90 mm (3 1/2")	20G x 90 cm (35")	033115201-51	033116201-51	133116201-51	10			•	•	•
18G x 90 mm (3 1/2")	20G x 90 cm (35")	033125201-51			10		•	•	•	•
18G x 90 mm (3 1/2")	20G x 90 cm (35")	053115201-51			10	•		•	•	•
17G x 80 mm (3 1/4")	19G x 90 cm (35")	033115301-48	033116301-48	133116301-48	10			•	•	•

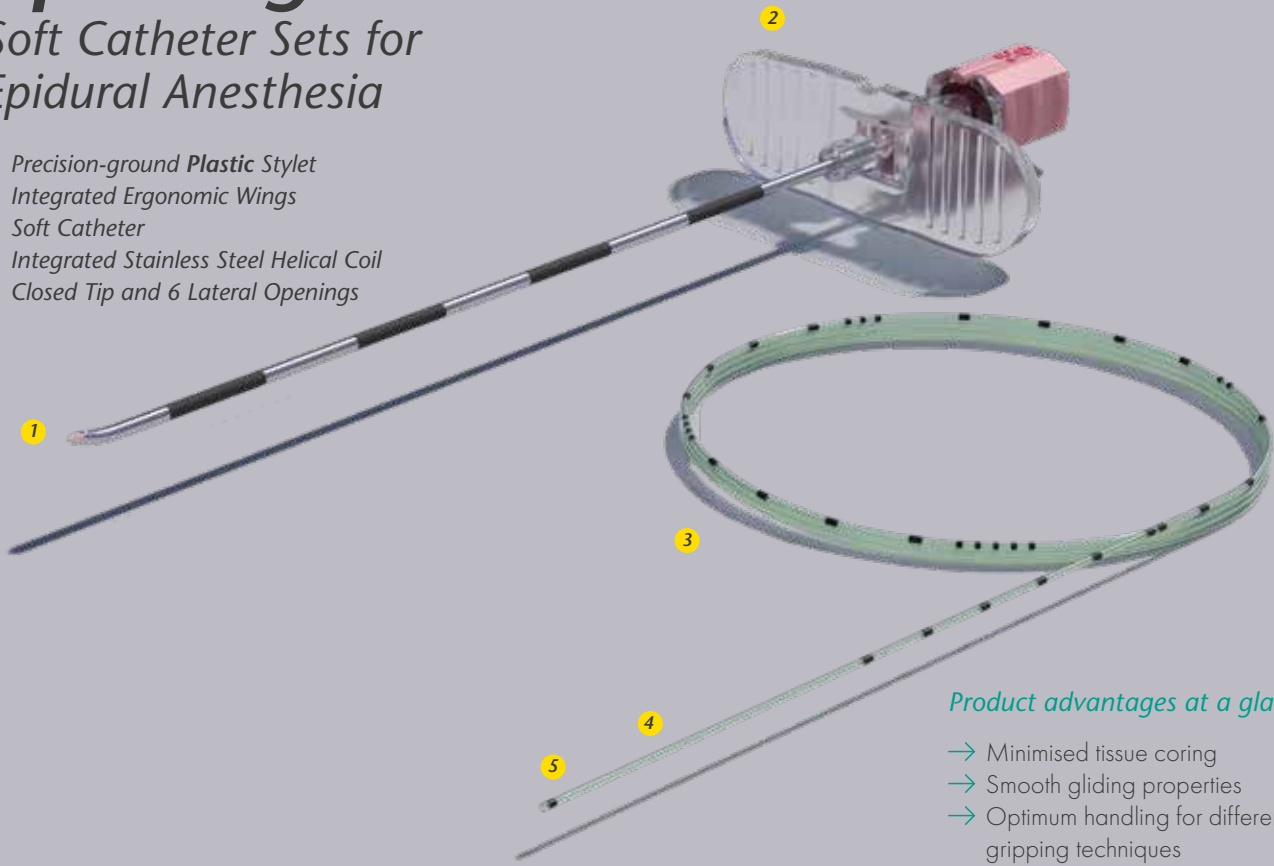
\*NRFit Sets include a Filter Needle NRFit 18G x 50 mm (2"), Syringe NRFit 5 ml Lock, Syringe NRFit 10 ml Lock



# EpiLong II Soft

## Soft Catheter Sets for Epidural Anesthesia

- 1 Precision-ground **Plastic** Stylet
- 2 Integrated Ergonomic Wings
- 3 Soft Catheter
- 4 Integrated Stainless Steel Helical Coil
- 5 Closed Tip and 6 Lateral Openings



*Product advantages at a glance:*

- Minimised tissue coring
- Smooth gliding properties
- Optimum handling for different gripping techniques
- Kink resistant

EpiLong II Soft								
Description	Catheter	Item no.	NRFit® Item no.	PU	FixoLong	Filter	Clamping Adapter	LOR 7 ml
18G x 90 mm (3 1/2")	20G x 90 cm (35")	053115701-51	053116701-51	10	•	•	•	•
17G x 90 mm (3 1/2")	19G x 90 cm (35")	053115701-48	053116701-48	10	•	•	•	•

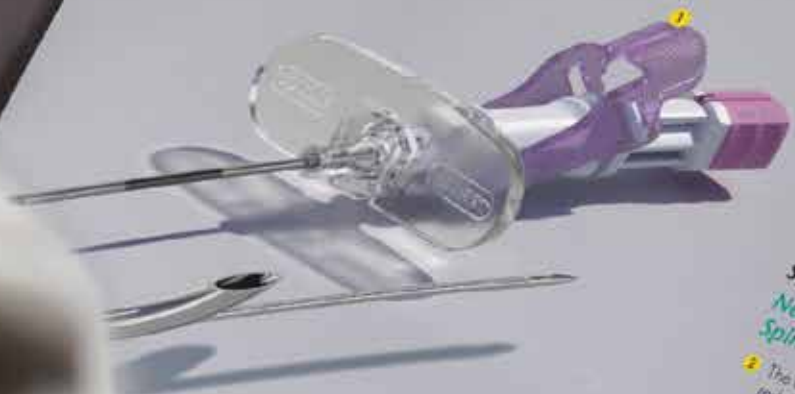
# EPI SPIN LOCK & SPROTTE® SURAXIAL ANESTHESIA'S FAVORITE POWER COUPLE

EpiSpin Lock offers smooth and subtle spinal puncture while SPROTTE® minimizes post-spinal headache with the original atraumatic needle.



## EpiSpin Lock Combined Spinal-Epidural Anesthesia (CSE)

- 1 Unique Locking System
- SPROTTE locks in place through the back-eye of the Tuohy, removing the need for a third hand
- When Spinal Anesthesia is complete, EpiSpin Lock rotates 90° and easily disconnects from the Tuohy in preparation for Epidural Anesthesia



## SPROTTE® Needles for Atraumatic Spinal Anesthesia

- 2 The ogive shaped tip significantly reduces the risk of PDPH<sup>1,2</sup>
- The rounded edges of the lateral eye minimize trauma and provide excellent tactile feedback
- Clear, magnifying needle hub allows for easy visualization of CSF

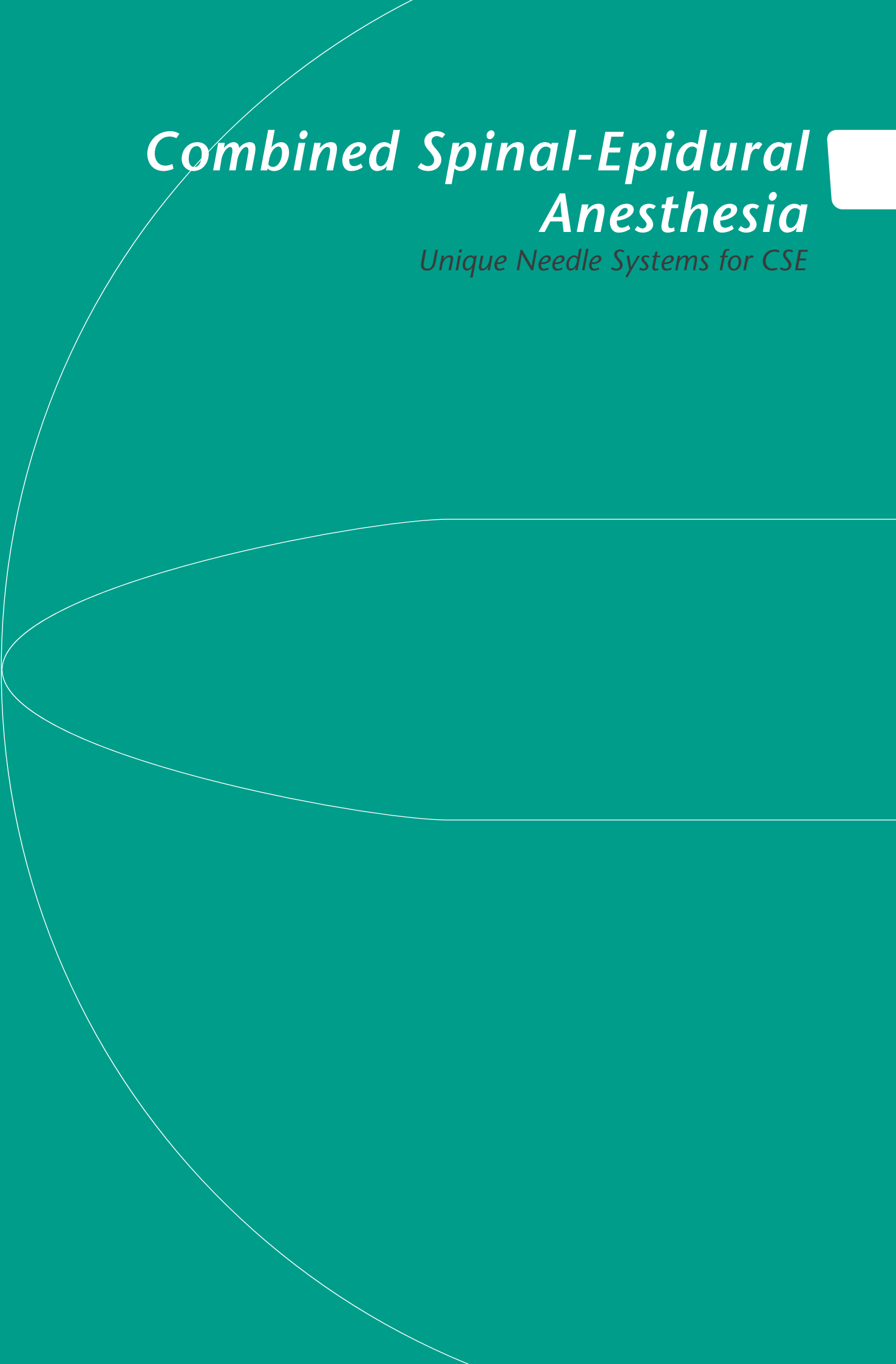
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...pajunkusa.com



30  
43  
15  
16

# *Combined Spinal-Epidural Anesthesia*

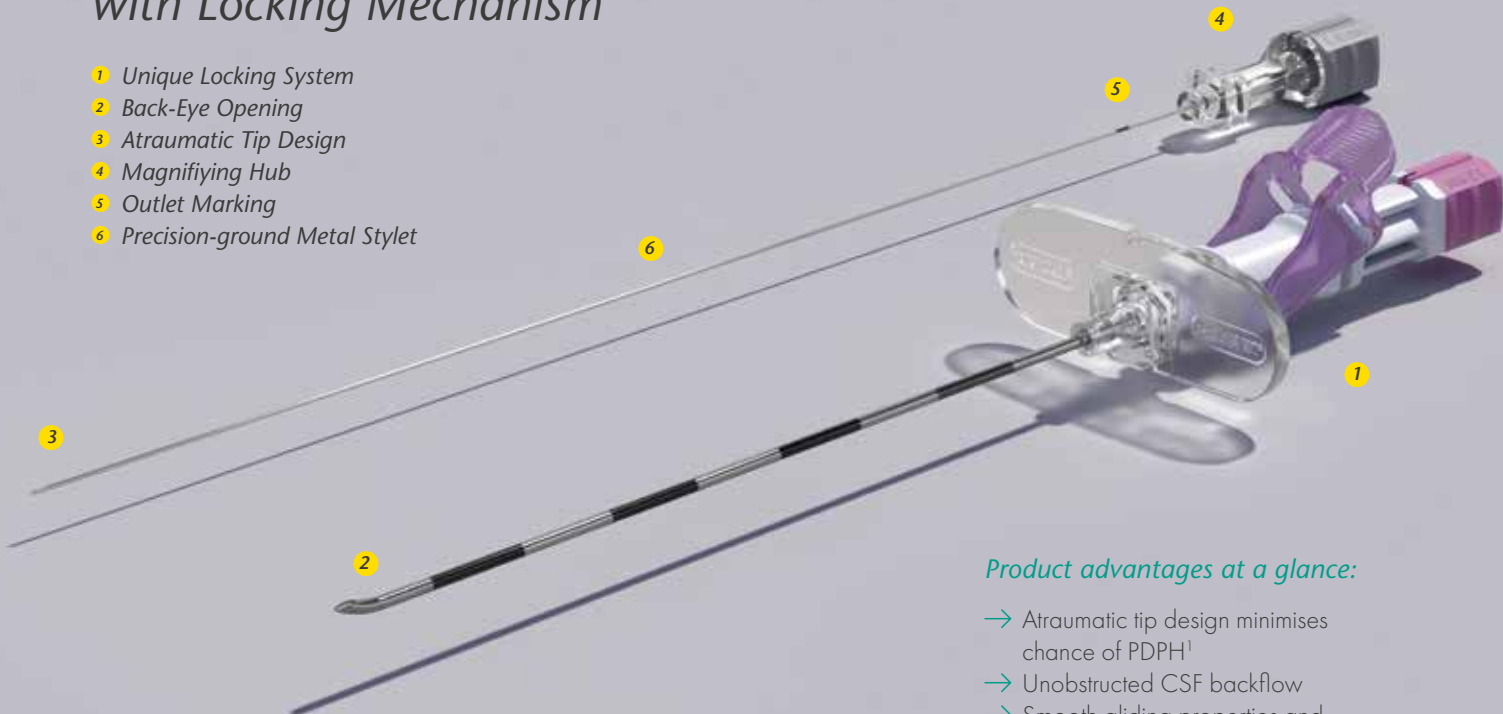
*Unique Needle Systems for CSE*



# EpiSpin Lock Needles

Unique CSE Needle Systems with Locking Mechanism

- 1 Unique Locking System
- 2 Back-Eye Opening
- 3 Atraumatic Tip Design
- 4 Magnifying Hub
- 5 Outlet Marking
- 6 Precision-ground Metal Stylet



*Product advantages at a glance:*

- Atraumatic tip design minimises chance of PDPH<sup>1</sup>
- Unobstructed CSF backflow
- Smooth gliding properties and improved tactile feedback
- Minimised tissue coring
- Optimum handling for different gripping techniques
- Easily fixation of spinal needle

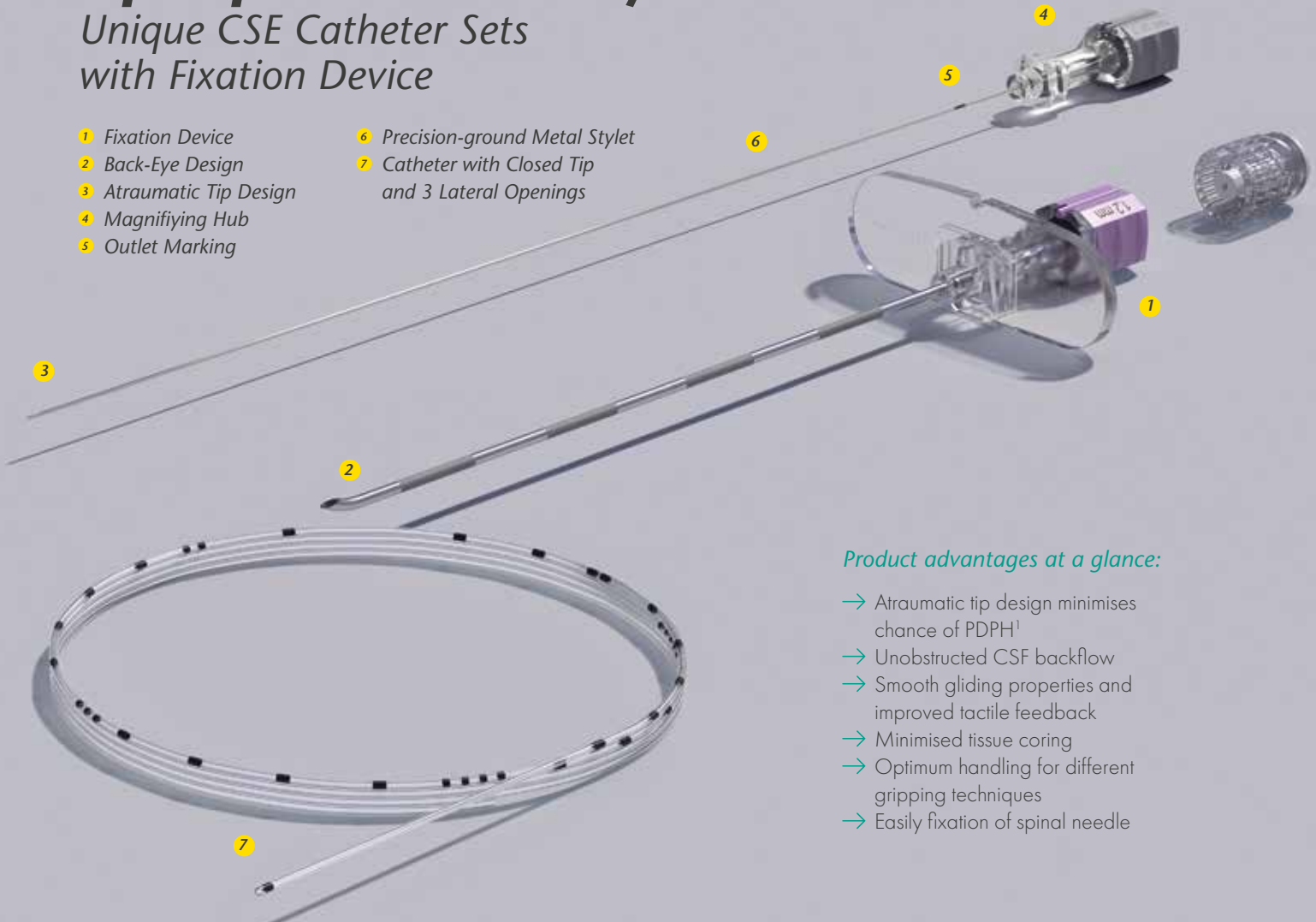
Description	SPROTTE®	Item no.	NRFit® Item no.	PU
17G x 90mm (3 1/2")	25G	0011351-20		10

Catheters see page 15

# EpiSpin II Safety

Unique CSE Catheter Sets with Fixation Device

- 1 Fixation Device
- 2 Back-Eye Design
- 3 Atraumatic Tip Design
- 4 Magnifying Hub
- 5 Outlet Marking
- 6 Precision-ground Metal Stylet
- 7 Catheter with Closed Tip and 3 Lateral Openings



*Product advantages at a glance:*

- Atraumatic tip design minimises chance of PDPH<sup>1</sup>
- Unobstructed CSF backflow
- Smooth gliding properties and improved tactile feedback
- Minimised tissue coring
- Optimum handling for different gripping techniques
- Easily fixation of spinal needle

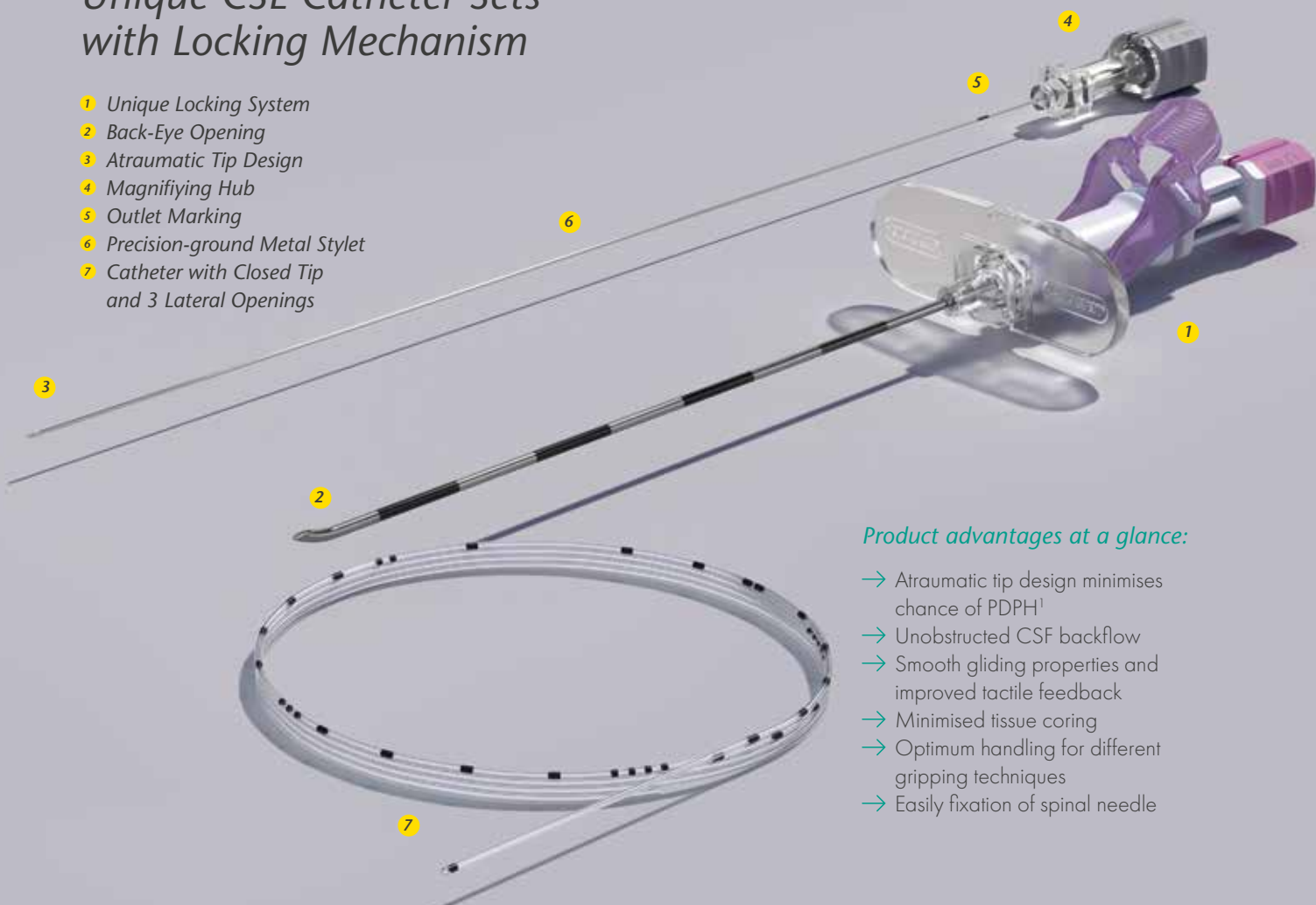
Description	Catheter	Sprotte	Item no.	NRFit Item no.	PU	Filter	Clamping Adapter	LOR 10 ml
18G x 90 mm (3 1/2")	20G x 90 mm (35")	27G	0021451-30	1022461-30	10	•	•	•

1. Cesarini, M. et al. Sprotte needle for intrathecal anaesthesia for Caesarean section: incidence of postdural puncture headache., *Aesthesia* 1990; 45: 646-658

# EpiSpin Lock

## Unique CSE Catheter Sets with Locking Mechanism

- 1 Unique Locking System
- 2 Back-Eye Opening
- 3 Atraumatic Tip Design
- 4 Magnifying Hub
- 5 Outlet Marking
- 6 Precision-ground Metal Stylet
- 7 Catheter with Closed Tip and 3 Lateral Openings



### Product advantages at a glance:

- Atraumatic tip design minimises chance of PDPH<sup>1</sup>
- Unobstructed CSF backflow
- Smooth gliding properties and improved tactile feedback
- Minimised tissue coring
- Optimum handling for different gripping techniques
- Easily fixation of spinal needle

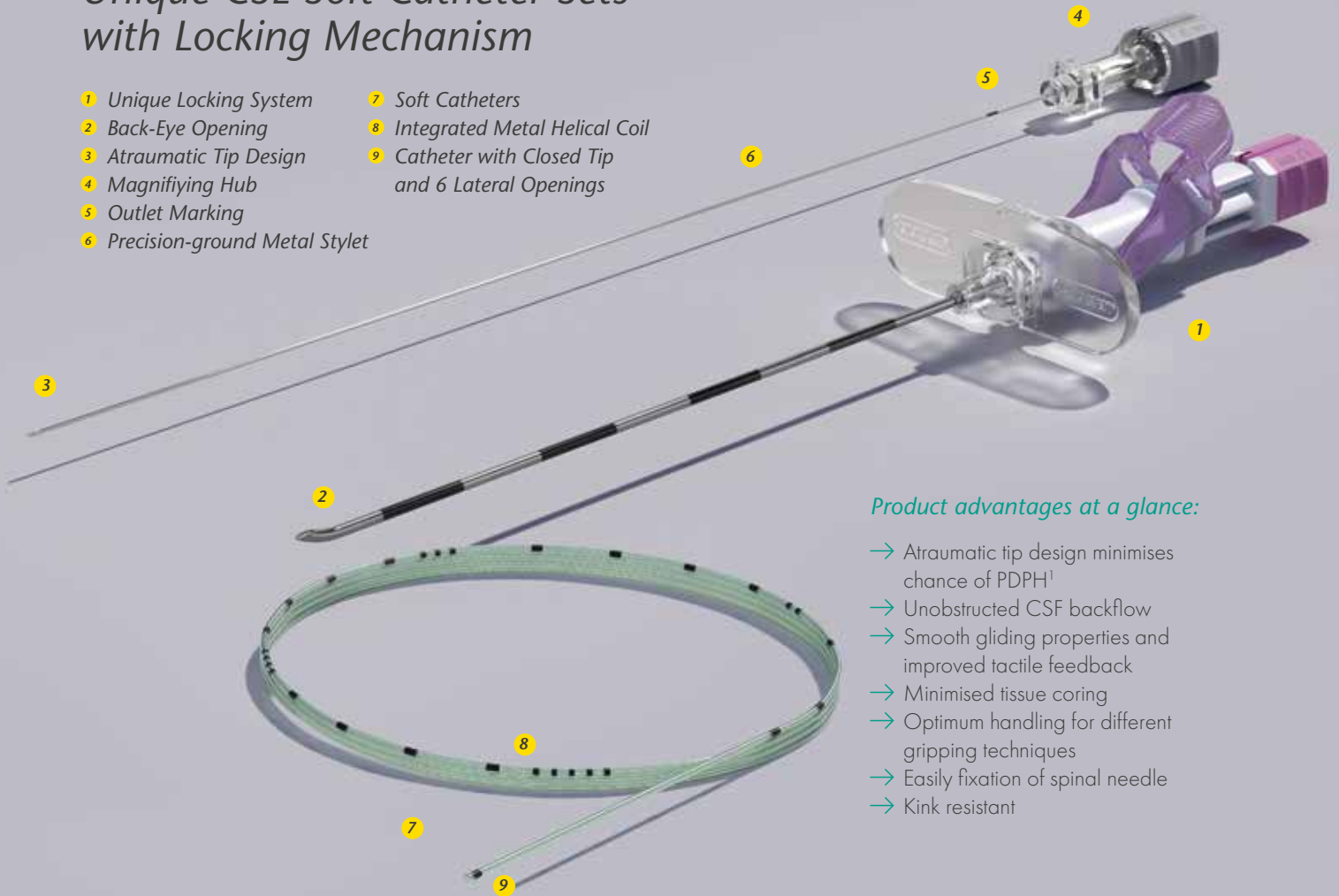
Description	Catheter	SPROTTE®	Item no.	NRFit® Item no.	PU	FixoLong	Filter	Clamping Adapter	LOR 10 ml
18G x 90 mm (3 1/2")	20G x 90 mm (35")	27G	0021351-30		10		•	•	•
18G x 90 mm (3 1/2")	20G x 90 mm (35")	25G	0021351-18		10		•	•	•
18G x 135 mm (5 3/8")	20G x 90 mm (35")	25G	0121351-18		10		•	•	•
16G x 90 mm (3 1/2")	19G x 90 mm (35")	25G	0021351-17		10	•	•	•	•



# EpiSpin Lock Soft

Unique CSE Soft Catheter Sets with Locking Mechanism

- 1 Unique Locking System
- 2 Back-Eye Opening
- 3 Atraumatic Tip Design
- 4 Magnifying Hub
- 5 Outlet Marking
- 6 Precision-ground Metal Stylet
- 7 Soft Catheters
- 8 Integrated Metal Helical Coil
- 9 Catheter with Closed Tip and 6 Lateral Openings



*Product advantages at a glance:*

- Atraumatic tip design minimises chance of PDPH<sup>1</sup>
- Unobstructed CSF backflow
- Smooth gliding properties and improved tactile feedback
- Minimised tissue coring
- Optimum handling for different gripping techniques
- Easily fixation of spinal needle
- Kink resistant

Description	Catheter	Sprotte	Item no.	NRFit Item no.	PU	FixoLong	Filter	Clamping Adapter	LOR 10 ml
18G x 90mm (3 1/2")	20G x 90mm (35")	25G	0021352-18		10		•	•	•

1. Cesarini, M. et al. Sprotte needle for intrathecal anaesthesia for Caesarean section: incidence of postdural puncture headache., *Aesthesia* 1990; 45: 646-658

## SonoPlex® II & E-Cath® PROFESSIONAL ANESTHESIA'S FAVORITE POWER COUPLE

Our Product Power Couple is the perfect solution for all of your Single Shot or Continuous Nerve Blocks, offering great visibility, ease-of-use, and the versatility you need.

 MADE IN GERMANY



### SonoPlex II/SonoBlock II The Standard for Ultrasound-Guided Single-Shot Nerve Blocks

- Cornerstone Reflectors and NanoLine® coating increase shaft and tip echogenicity
- Newly Optimized Hub
  - Color-coded hub for easy size identification
  - Fixed injection tubing
  - Removable stimulation cord (SonoPlex II)



Excellent visibility  
irrespective of  
the insertion angle

### E-Cath/E-Cath Plus

### Nerve Block Catheter Placement as Easy as a Single-Shot

- Catheter over Needle (CON) technique reduces leakage, migration, and kinking
- Cornerstone Reflectors increase visibility during placement
- lengths in 100mm and 150mm

Products are available in customizable procedural trays



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30  
43  
15  
16



# ***Nerve Blocks***

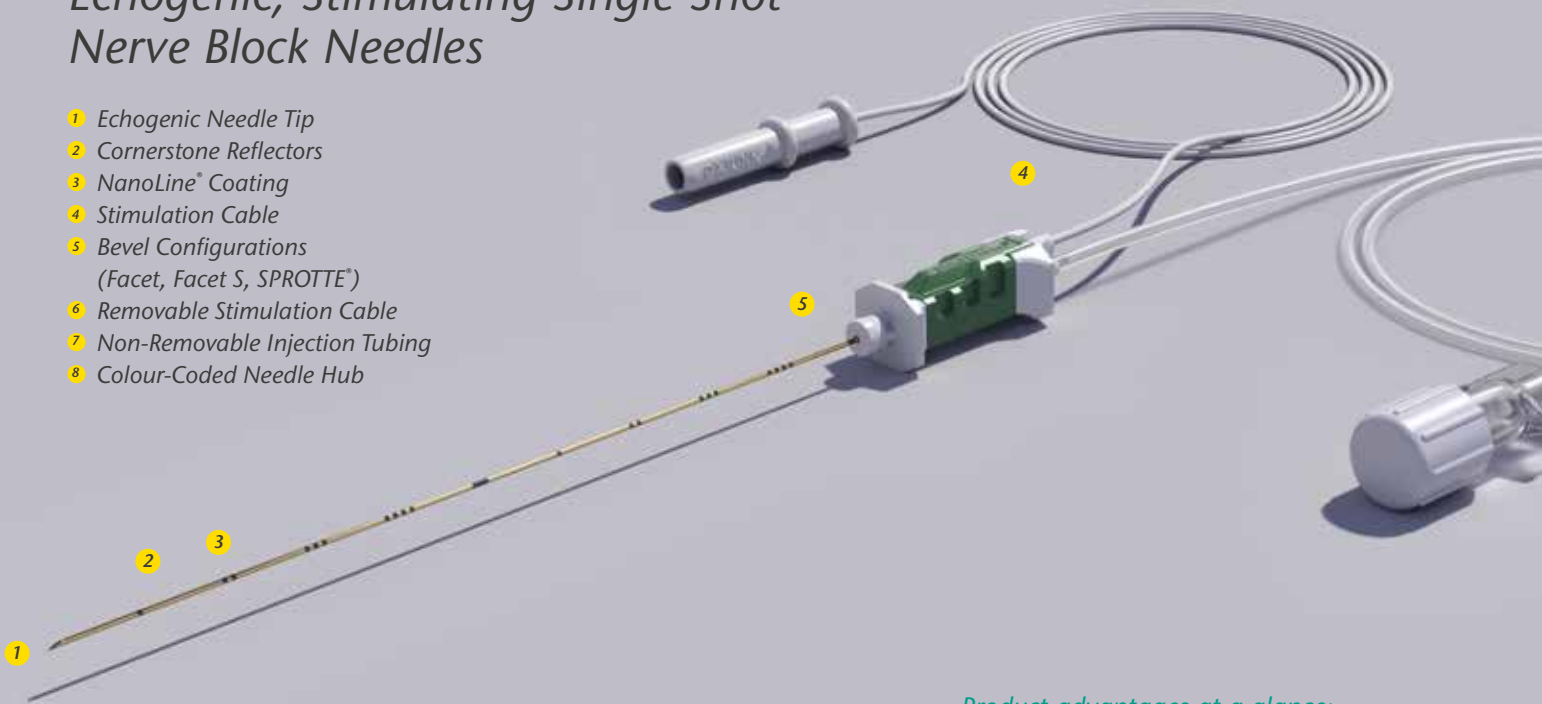
*Single Shot and Continuous Products for  
Ultrasound and Dual Guided Nerve Blocks*



# SonoPlex® II

## Echogenic, Stimulating Single Shot Nerve Block Needles

- 1 Echogenic Needle Tip
- 2 Cornerstone Reflectors
- 3 NanoLine® Coating
- 4 Stimulation Cable
- 5 Bevel Configurations (Facet, Facet S, SPROTTE®)
- 6 Removable Stimulation Cable
- 7 Non-Removable Injection Tubing
- 8 Colour-Coded Needle Hub



### Product advantages at a glance:

- Reliable and optimised needle echogenicity at higher angle
- Optimised ultrasound visibility of needle shaft
- Smooth gliding properties
- Stimulating (Dual Guidance)

SonoPlex II with Facet Tip	Item no.	NRFit® Item no.	PU
• 22G x 40 mm (1 5/8")	001285-70	001265-70	10
• 22G x 50 mm (2")	001285-74	001265-74	10
22G x 80 mm (3 1/5")	001285-71	001265-71	10
21G x 100 mm (4")	001285-77	001265-77	10
20G x 120 mm (4 3/4")	001285-72	001265-72	10
20G x 150 mm (6")	001285-76	001265-76	10

SonoPlex II with Facet S Tip	Item no.	NRFit Item no.	PU
• 25G x 50 mm (2")	001287-81	001267-81	10
• 24G x 40 mm (1 5/8")	001287-78	001267-78	10
• 24G x 50 mm (2")	001287-85	001267-85	10
• 22G x 40 mm (1 5/8")	001287-70	001267-70	10
• 22G x 50 mm (2")	001287-74	001267-74	10
22G x 80 mm (3 1/5")	001287-71	001267-71	10
21G x 100 mm (4")	001287-77	001267-77	10
20G x 120 mm (4 3/4")	001287-72	001267-72	10
20G x 150 mm (6")	001287-76	001267-76	10

- Small patient product

SonoPlex II with Sprotte Tip	Item no.	NRFit Item no.	PU
• 22G x 50 mm (2")	001285-31G	001265-31G	10
22G x 90 mm (3 1/2")	001285-31J	001265-31J	10

# SonoBlock II

## Echogenic, Non-stimulating Single Shot Nerve Block Needles

- 1 Echogenic Needle Tip
- 2 Cornerstone Reflectors
- 3 NanoLine Coating
- 4 Bevel Configurations (Facet, Facet S, Sprotte)
- 5 Non-Removable Injection Tubing
- 6 Colour-Coded Needle Hub



### Product advantages at a glance:

- Reliable and optimised needle echogenicity at higher angle
- Optimised ultrasound visibility of needle shaft
- Smooth gliding properties
- Non-stimulating (Ultrasound Guidance only)

SonoBlock II with Facet Tip	Item no.	NRFit Item no.	PU	SonoBlock II with Facet S Tip	Item no.	NRFit Item no.	PU
• 22G x 50 mm (2")	001280-74	001260-74	10	• 22G x 50mm (2")	001281-74		10
22G x 80 mm (3 1/5")	001280-71	001260-71	10	22G x 80mm (3 1/5")	001281-71		10
21G x 100 mm (4")	001280-77	001260-77	10	21G x 100mm (4")	001281-77		10
				20G x 120mm (4 3/4")	001281-72		10

- Small patient product

# SonoTAP<sup>®</sup> II

Echogenic, Non-stimulating Single Shot Fascial Plane Block Needles

- 1 Echogenic Needle Tip
- 2 Cornerstone Reflectors
- 3 Facet Tip
- 4 Non-Removable Injection Tubing
- 5 Colour-Coded Needle Hub



*Product advantages at a glance:*

- Reliable and optimised needle echogenicity at higher angle
- Optimised ultrasound visibility of needle shaft
- Non-stimulating (Ultrasound Guidance only)

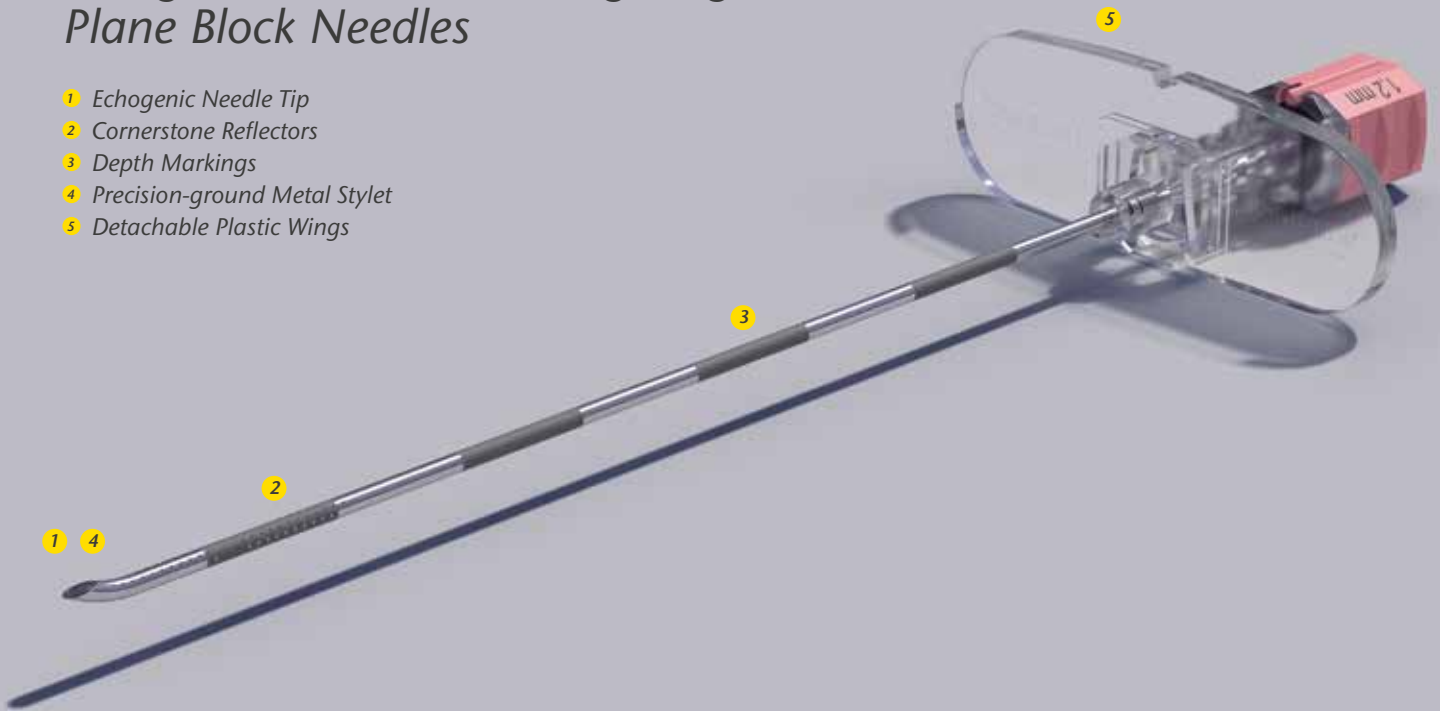
SonoTAP II	Item no.	NRFit <sup>®</sup> Item no.	PU
• 24G x 40mm (1 5/8")	1285-3Y040	1265-3Y040	10
• 24G x 50mm (2")	1285-3Y050	1265-3Y040	10
• 22G x 50mm (2")	1285-3E050	1265-3E050	10
22G x 80mm (3 1/5")	1285-3E080	1265-3E080	10
21G x 110mm (4")	1285-3F110	1265-3F110	10
21G x 150mm (6")	1285-3F150	1265-3F150	10

- Small patient product

# TuohySono

## Echogenic, Non-stimulating Single Shot Plane Block Needles

- 1 Echogenic Needle Tip
- 2 Cornerstone Reflectors
- 3 Depth Markings
- 4 Precision-ground Metal Stylet
- 5 Detachable Plastic Wings



### Product advantages at a glance:

- Reliable and optimised needle echogenicity at higher angle
- Optimised ultrasound visibility of needle shaft
- Non-stimulating (Ultrasound Guidance only)

Description	Item no.	PU
21G x 90mm	1085-4F090	25
• 18G x 50 mm (2")	1085-4K050	25
18G x 90 mm (3 1/2")	1085-4K090	25
18G x 120 mm (4 3/4")	1085-4K120	10
17G x 90 mm (3 1/2")	1085-4M090	25

- Small patient product

# SonoEye

## Echogenic Needles for Ultrasound-Guided Retrobulbar Blocks

- 1 Echogenic Needle Tip
- 2 Cornerstone Reflectors
- 3 Aktinson Tip



### Product advantages at a glance:

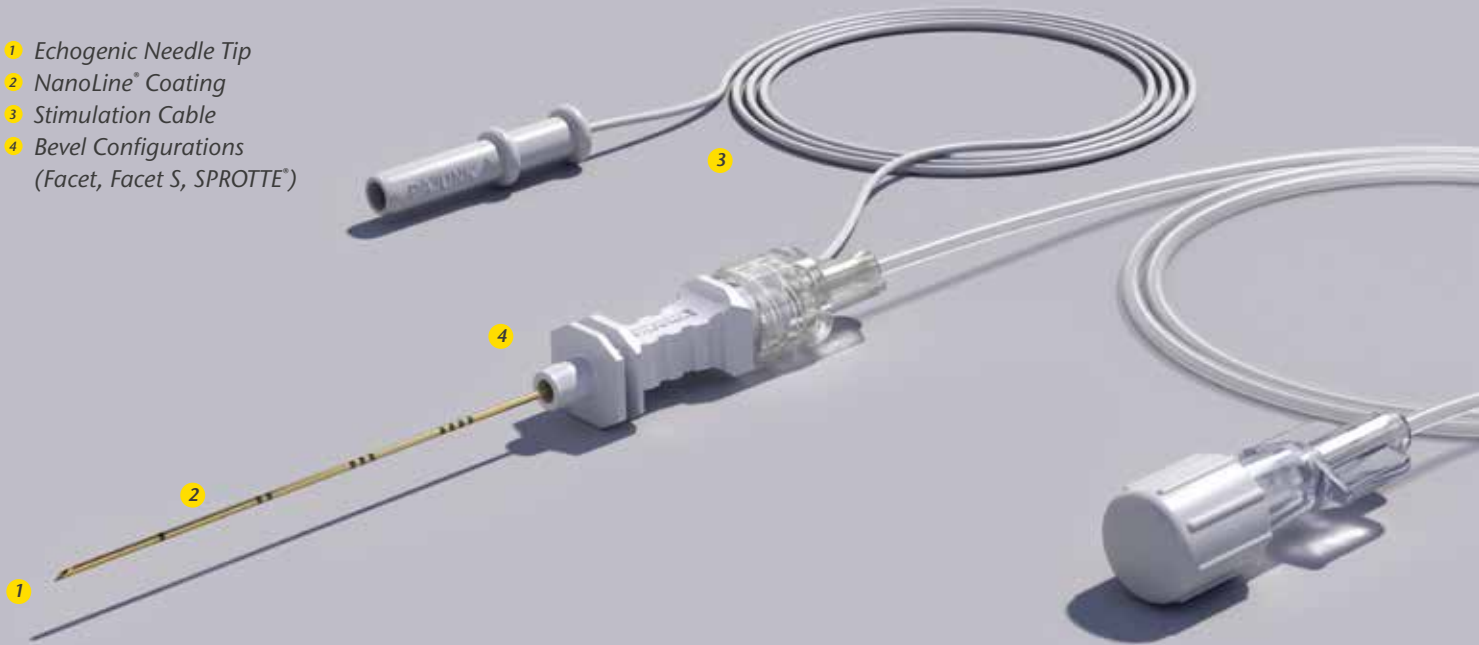
- Reliable needle visualisation at any angle
- Optimised ultrasound visibility of needle shaft

Description	Item no.	PU
24G x 30mm (1 1/5")	1187-7000	10
24G x 40mm (1 5/8")	1187-7001	10

# UniPlex®

## Stimulating Single Shot Nerve Block Needles

- 1 Echogenic Needle Tip
- 2 NanoLine® Coating
- 3 Stimulation Cable
- 4 Bevel Configurations (Facet, Facet S, SPROTTE®)



*Product advantages at a glance:*

- Smooth gliding properties
- Stimulating

UniPlex with Facet Tip	Item no.	NRFit® Item no.*	PU	UniPlex with Facet S Tip	Item no.	NRFit Item no.*	PU
• 25G x 35 mm (1 1/3")	001156-80	001246-80	10	• 24G x 50 mm (2")	001157-81	001247-85	10
• 25G x 50 mm (2")	001156-81	001246-81	10	• 22G x 50 mm (2")	001157-74	001247-74	10
• 22G x 50 mm (2")	001156-74	001246-74	10	22G x 80 mm (3 1/5")	001157-71		10
22G x 80 mm (3 1/5")	001156-71	001246-71	10	21G x 100 mm (4")	001157-77		10
22G x 100 mm (4")	001156-84		10				
22G x 120 mm (4 3/4")	001156-82	001246-82	10	<b>UniPlex with Sprotte Tip</b>	<b>Item no.</b>	<b>NRFit Item no.*</b>	<b>PU</b>
21G x 100 mm (4")	001156-77	001246-77	10	• 22G x 50 mm (2")	001156-31G	001246-31G	10
20G x 120 mm (4 3/4")	001156-72	001246-72	10	22G x 70 mm (2 3/4")	001156-31H	001246-31H	10
20G x 150 mm (6")	001156-76	001246-76	10				

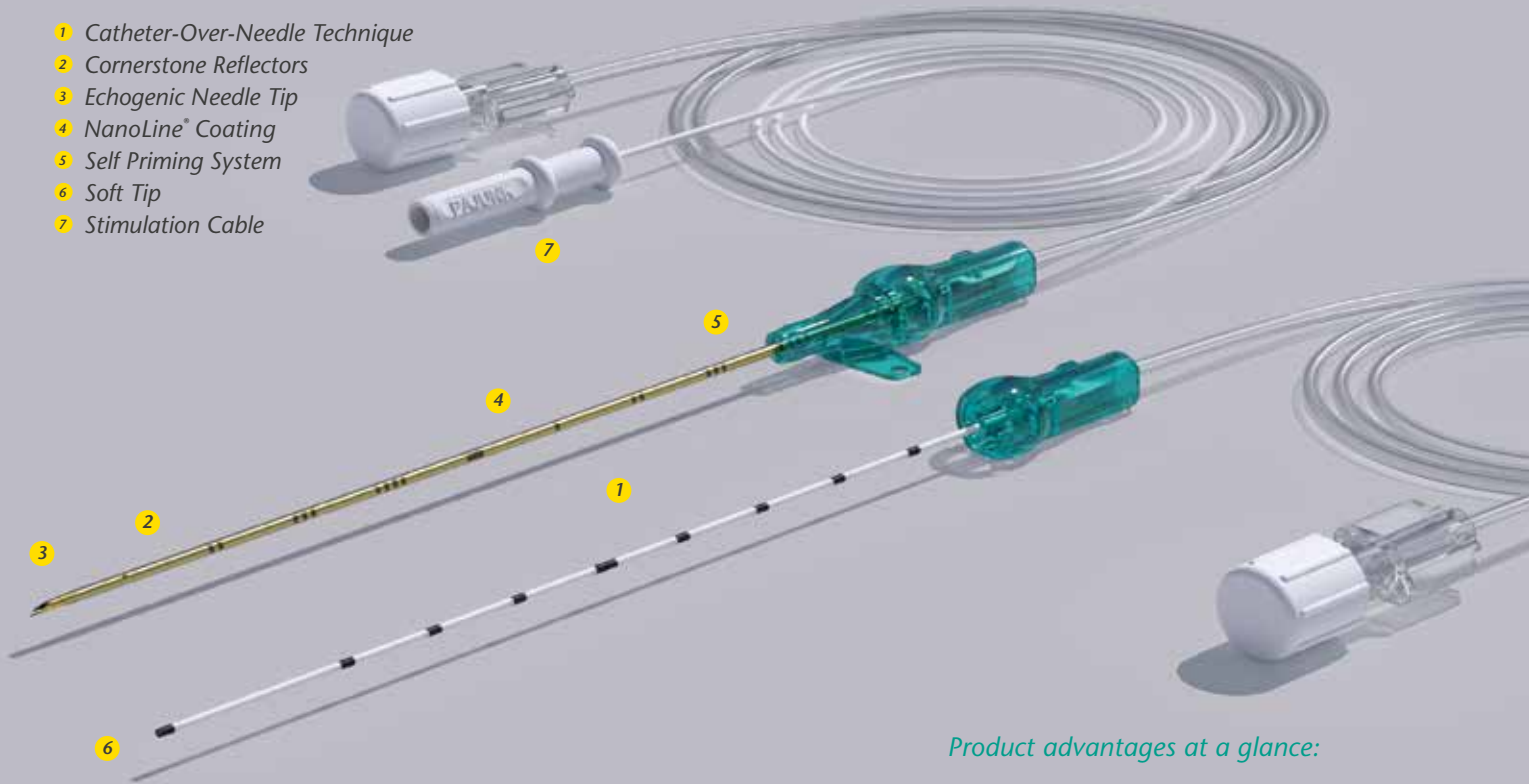
• Small patient product

\* with UniPlex II – 2nd generation needle

# E-Cath<sup>®</sup> II

## Echogenic Catheter-Over-Needle Systems

- 1 Catheter-Over-Needle Technique
- 2 Cornerstone Reflectors
- 3 Echogenic Needle Tip
- 4 NanoLine<sup>®</sup> Coating
- 5 Self Priming System
- 6 Soft Tip
- 7 Stimulation Cable



*Product advantages at a glance:*

- Catheter placement as easy as single shot
- Echogenic system
- Stimulating
- Easy handling

Indwelling catheter	Working Length: Combined indwelling catheter + E-Cath II	Item no.	NRFit <sup>®</sup> Item no.	PU	Fixolong	Filter	FixoCath
18G x 50mm (2")	52mm	301185-40E	301165-40E	10	•	•	
18G x 50mm (2")	52mm	301285-40E	301265-40E	10			•
18G x 80mm (3 1/4")	82mm	311185-40E	311165-40E	10	•	•	
18G x 80mm (3 1/4")	82mm	311285-40E	311265-40E	10			•
18G x 100mm (4")	102mm	361185-40E		10	•	•	
18G x 100mm (4")	102mm	361285-40E		10			•
18G x 130mm (5 2/5")	132mm	351185-40E		10	•	•	
18G x 130mm (5 2/5")	132mm	351285-40E		10			•
18G x 150mm (6")	152mm	371285-40E		10			•

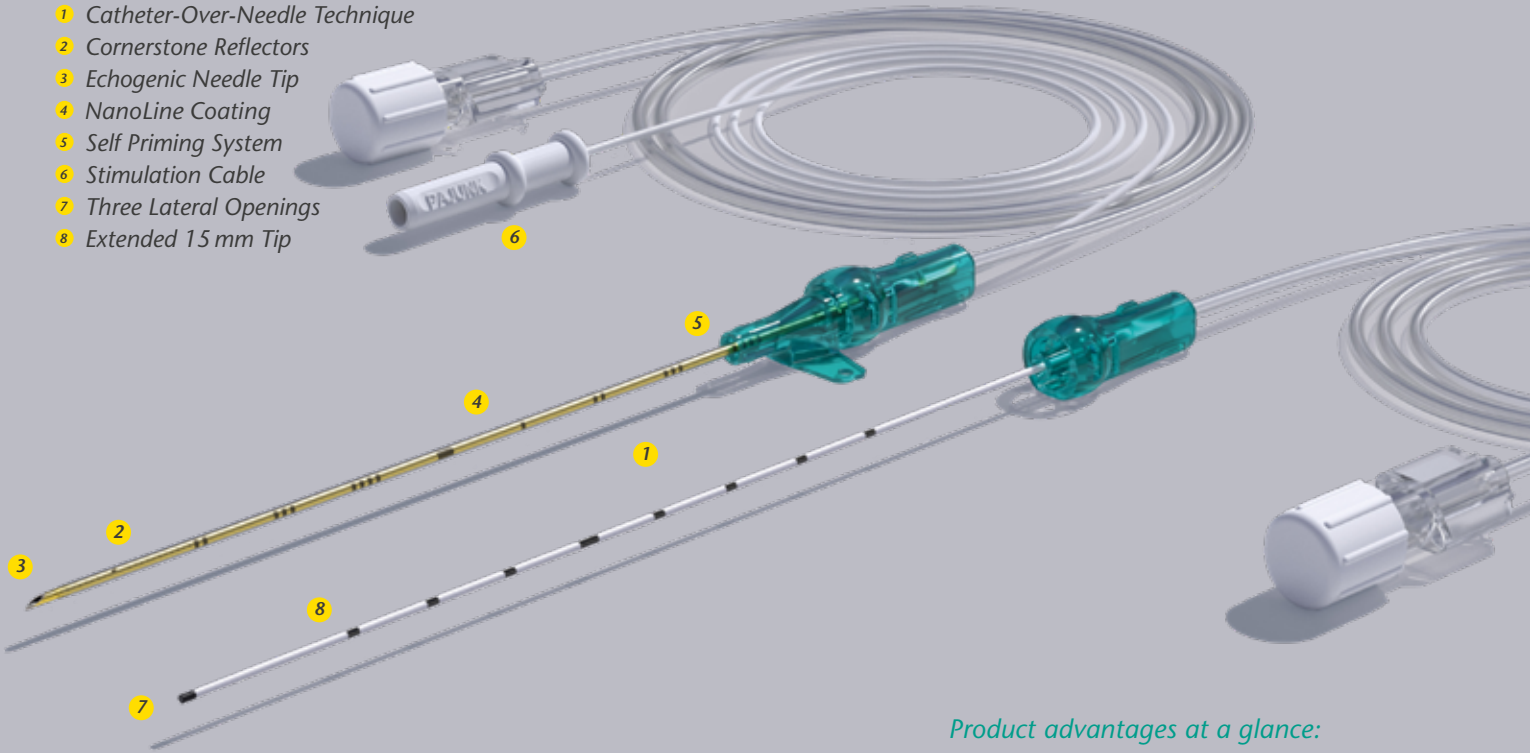
Needle with Cornerstone Reflectors (21G) with Facet S Tip, indwelling catheter and E-Catheter (20G)



# E-Cath<sup>®</sup> II Plus

Echogenic Catheter-Over-Needle Systems with Extended E-Catheter Tip

- 1 Catheter-Over-Needle Technique
- 2 Cornerstone Reflectors
- 3 Echogenic Needle Tip
- 4 NanoLine Coating
- 5 Self Priming System
- 6 Stimulation Cable
- 7 Three Lateral Openings
- 8 Extended 15 mm Tip



*Product advantages at a glance:*

- Catheter placement as easy as single shot
- Echogenic system
- Stimulating
- Easy handling

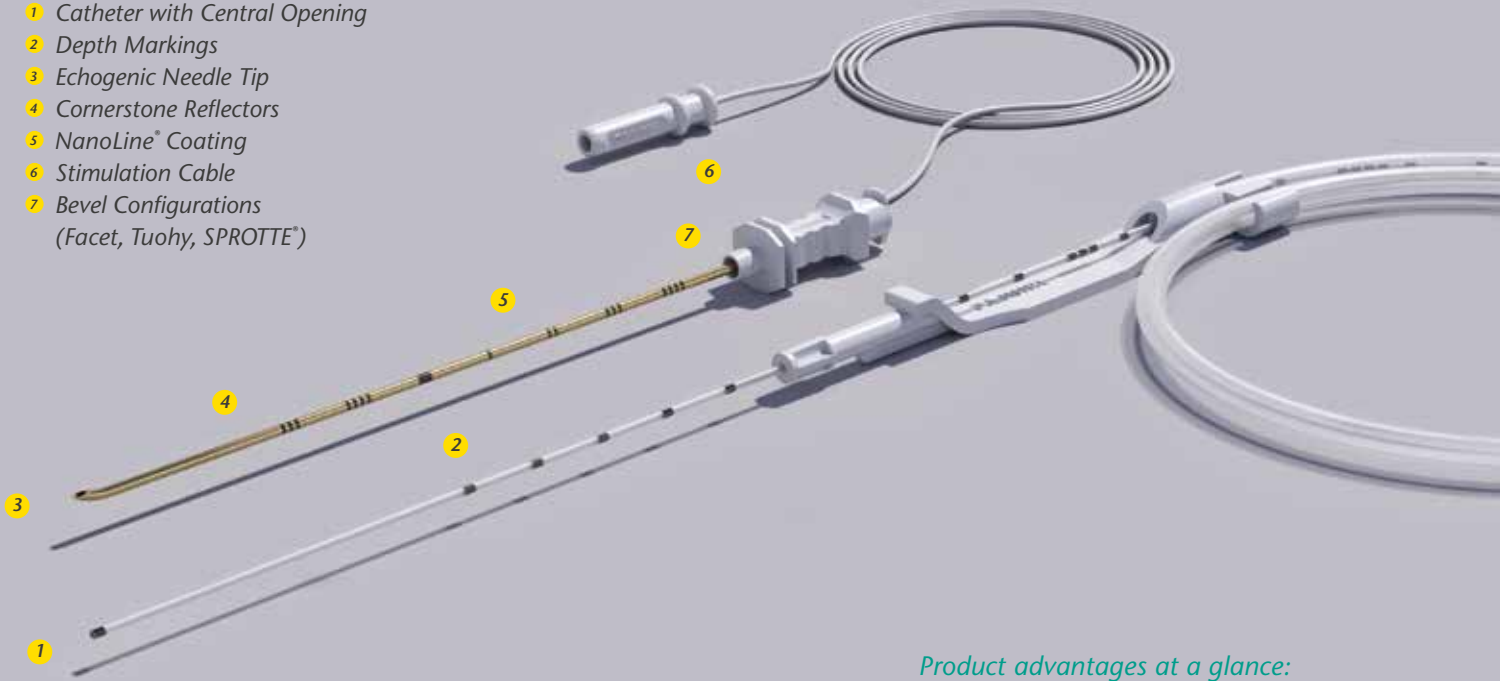
Indwelling catheter	Working Length: Combined indwelling catheter + E-Cath II	Item no.	NRFit <sup>®</sup> Item no.	PU	Fixolong	Filter	FixoCath
18G x 50mm (2")	65mm	301185-41E	301165-41E	10	•	•	
18G x 50mm (2")	65mm	301285-41E		10			•
18G x 80mm (3 1/4")	95mm	311185-41E	311165-41E	10	•	•	
18G x 80mm (3 1/4")	95mm	311285-41E		10			•

Needle with Cornerstone Reflectors (21G) with Facet S Tip, indwelling catheter and E-Catheter (20G) with stylet and 15 mm extended tip

# SonoLong Echo

## Echogenic Catheter-Through-Needle Systems

- 1 Catheter with Central Opening
- 2 Depth Markings
- 3 Echogenic Needle Tip
- 4 Cornerstone Reflectors
- 5 NanoLine® Coating
- 6 Stimulation Cable
- 7 Bevel Configurations (Facet, Tuohy, SPROTTE®)



*Product advantages at a glance:*

- Echogenic plastic catheter
- Catheter dispenser with automatic stylet removal
- Stimulating

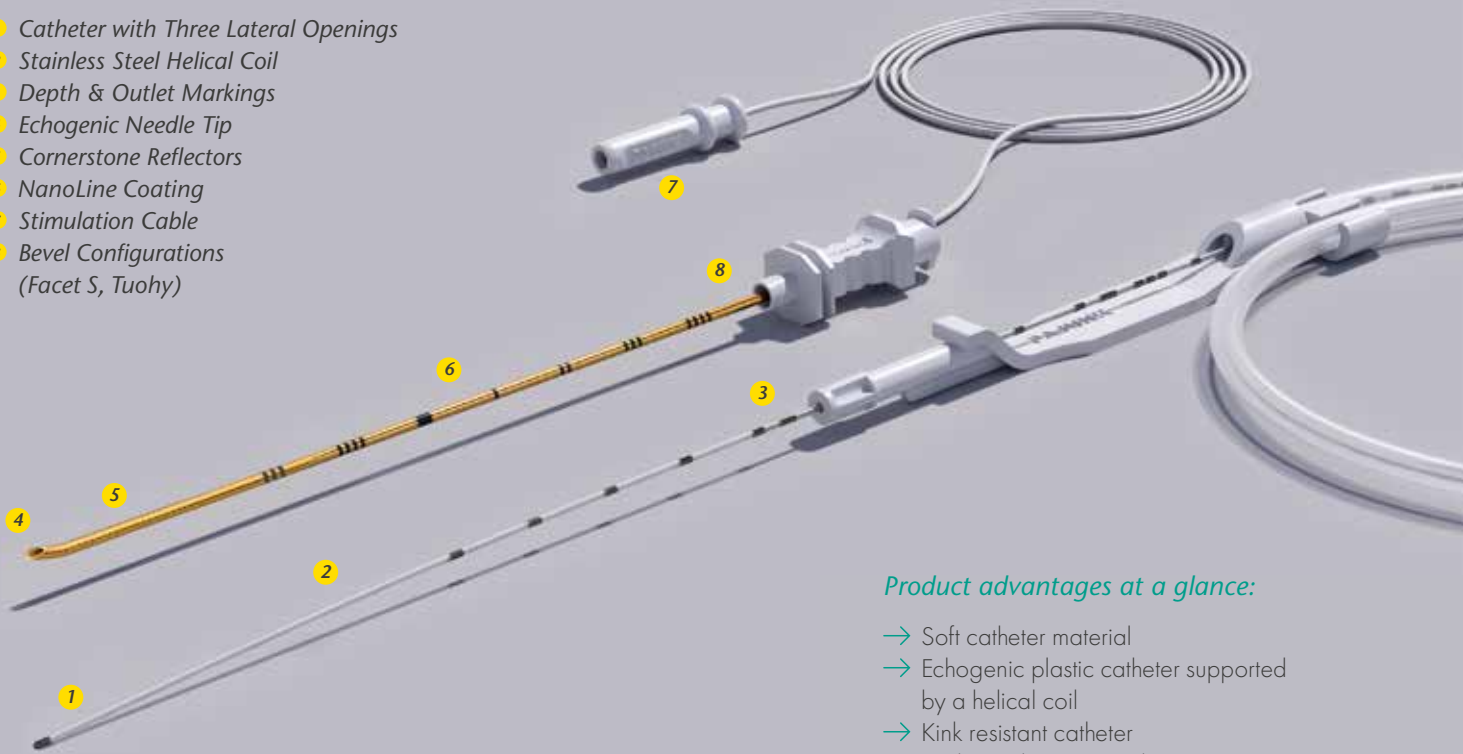
SonoLong Echo with Facet Tip	Catheter	Item no.	NRFit® Item no.	PU	FixoLong	Filter	Clamping Adapter
• 19G x 50 mm (2")	20G x 50 cm (20")	531185-31A	531165-31A	10	•	•	•
19G x 75 mm (3")	20G x 50 cm (20")	561185-31A	561165-31A	10	•	•	•
19G x 100 mm (4")	20G x 50 cm (20")	521185-31A	521165-31A	10	•	•	•
19G x 150 mm (6")	20G x 50 cm (20")	511185-31A	511165-31A	10	•	•	•
SonoLong Echo with Tuohy Tip	Catheter	Item no.	NRFit Item no.	PU			
• 18G x 50 mm (2")	20G x 50 cm (20")	531185-31C	531165-31C	10	•	•	•
18G x 100 mm (4")	20G x 50 cm (20")	521185-31C	521165-31C	10	•	•	•
18G x 150 mm (6")	20G x 50 cm (20")	511185-31C	511165-31C	10	•	•	•
SonoLong Echo with Sprotte Special Tip	Catheter	Item no.	NRFit Item no.	PU			
19G x 60 mm (2 1/4")	20G x 50 cm (20")	531185-31B	531165-31B	10	•	•	•
19G x 120 mm (4 3/4")	20G x 50 cm (20")	521185-31B	521165-31B	10	•	•	•

• Small patient product

# SonoLong SoftSecure

## Echogenic Catheter-Through-Needle Systems with Stainless Steel Helical Coil

- 1 Catheter with Three Lateral Openings
- 2 Stainless Steel Helical Coil
- 3 Depth & Outlet Markings
- 4 Echogenic Needle Tip
- 5 Cornerstone Reflectors
- 6 NanoLine Coating
- 7 Stimulation Cable
- 8 Bevel Configurations (Facet S, Tuohy)



*Product advantages at a glance:*

- Soft catheter material
- Echogenic plastic catheter supported by a helical coil
- Kink resistant catheter
- Catheter dispenser with automatic stylet removal
- Stimulating

SonoLong SoftSecure with Facet Tip	Catheter	Item no.	NRFit Item no.	PU	FixoLong	Filter	Clamping Adapter
• 19G x 50 mm (2")	20G x 50 cm (20")	531189-31A	531169-31A	10	•	•	•
• 19G x 100 mm (4")	20G x 50 cm (20")	521189-31A	521169-31A	10	•	•	•
• 19G x 150 mm (6")	20G x 50 cm (20")	511189-31A	511169-31A	10	•	•	•

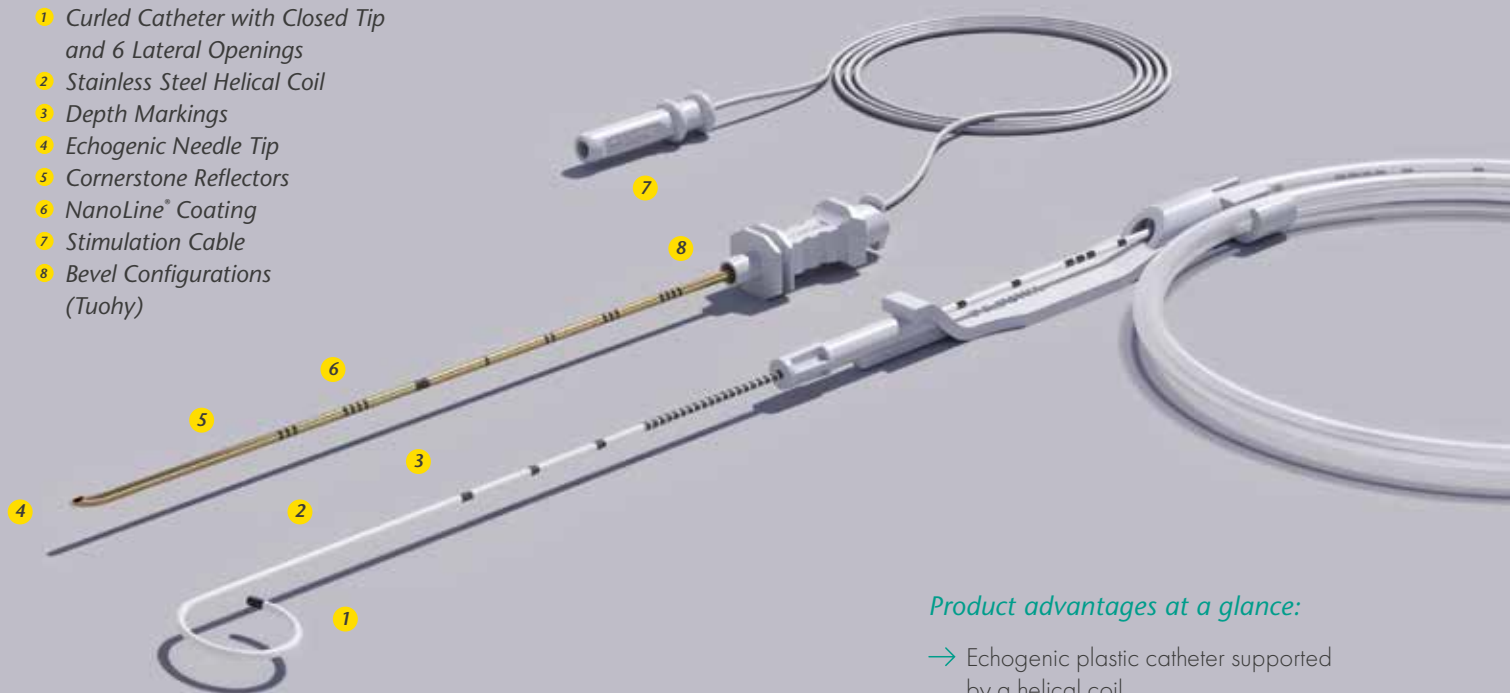
SonoLong SoftSecure with Tuohy Tip	Catheter	Item no.	NRFit Item no.	PU
• 18G x 50 mm (2")	20G x 50 cm (20")	531189-31C	531169-31C	10
• 18G x 100 mm (4")	20G x 50 cm (20")	521189-31C	521169-31C	10

• Small patient product

# SonoLong Curl Echo

## Echogenic Specialty Catheter-Through-Needle Systems

- 1 Curled Catheter with Closed Tip and 6 Lateral Openings
- 2 Stainless Steel Helical Coil
- 3 Depth Markings
- 4 Echogenic Needle Tip
- 5 Cornerstone Reflectors
- 6 NanoLine® Coating
- 7 Stimulation Cable
- 8 Bevel Configurations (Tuohy)



### Product advantages at a glance:

- Echogenic plastic catheter supported by a helical coil
- Curled catheter with closed tip and 6 lateral eyes
- Catheter dispenser
- Stimulating

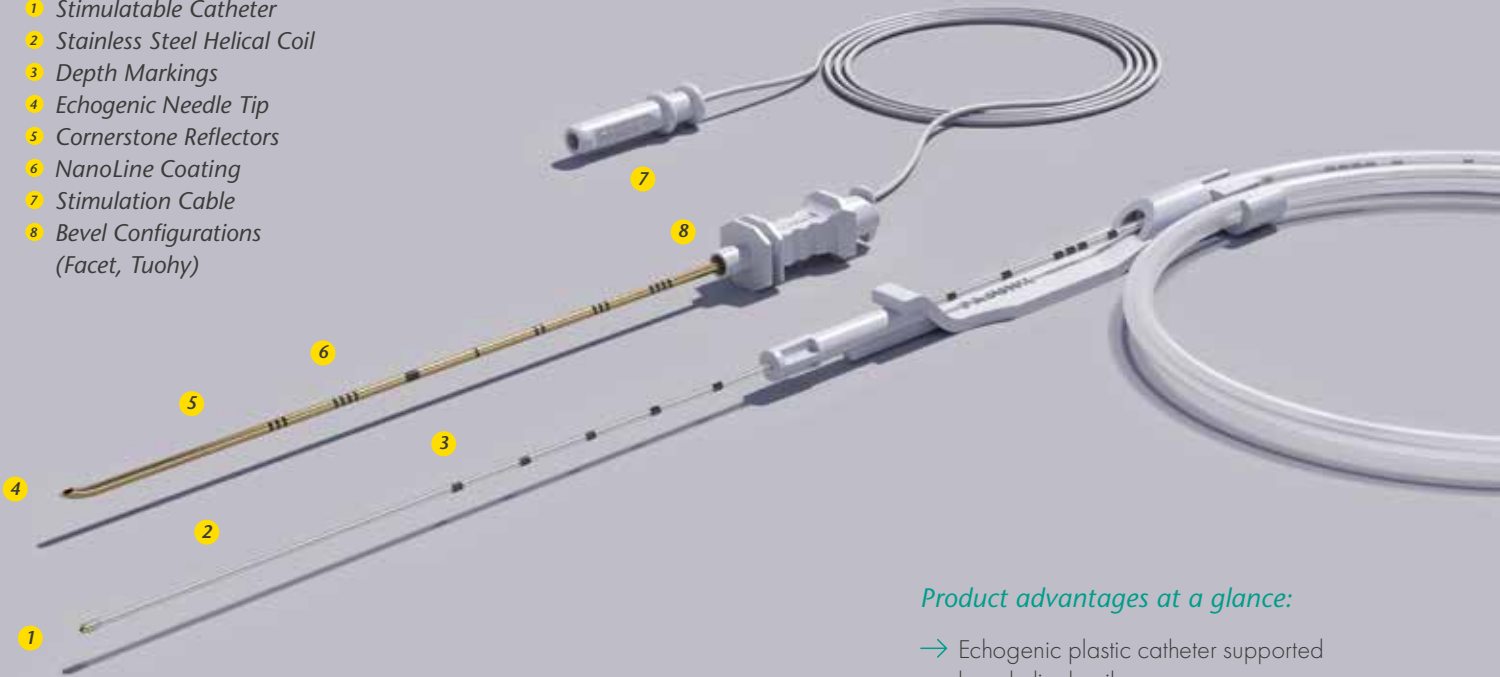
SonoLong Curl Echo with Tuohy Tip	Catheter	Item no.	NRFit® Item no.	PU	FixoLong	Filter	Clamping Adapter
• 18G x 50 mm (2")	20G x 50 cm (20")	531188-31C	531168-31C	10	•	•	•
18G x 100 mm (4")	20G x 90 cm (35")	521188-34C	521168-34C	10	•	•	•

- Small patient product

# StimuLong Sono II

## Stimulating Catheter-Through-Needle Systems

- 1 Stimulatable Catheter
- 2 Stainless Steel Helical Coil
- 3 Depth Markings
- 4 Echogenic Needle Tip
- 5 Cornerstone Reflectors
- 6 NanoLine Coating
- 7 Stimulation Cable
- 8 Bevel Configurations (Facet, Tuohy)



### Product advantages at a glance:

- Echogenic plastic catheter supported by a helical coil
- Rounded stimulating catheter tip
- Catheter dispenser with automatic stylet removal
- Stimulating

StimuLong Sono II with Tuohy Tip	Catheter	Item no.	PU	FixoLong	Filter	StimuLong Clamping Adapter	Connecting Cable
• 18G x 50 mm (2")	20G x 50 cm (20")	531187-32C	10	•	•	•	•
• 18G x 100 mm (4")	20G x 50 cm (20")	521187-32C	10	•	•	•	•

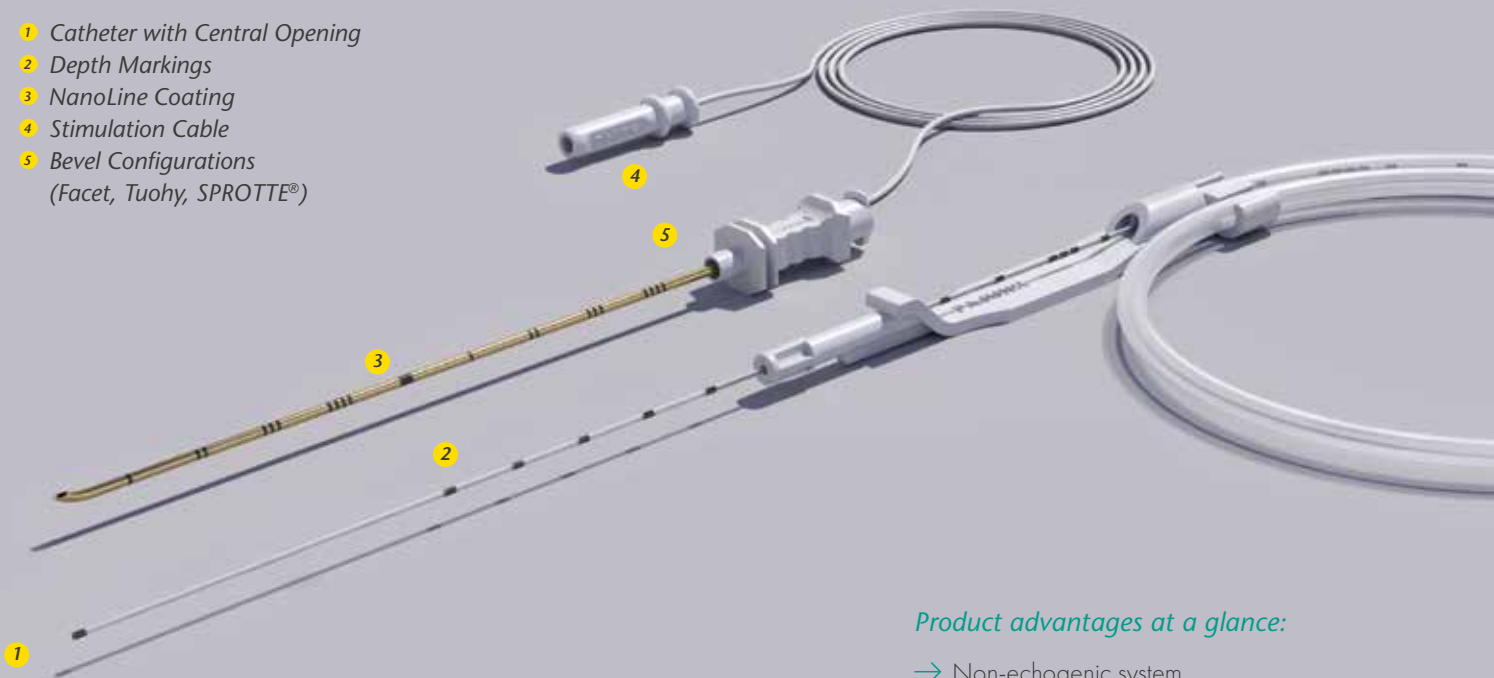
StimuLong Sono II with FacetTip	Catheter	Item no.	PU	FixoLong	Filter	StimuLong Clamping Adapter	Connecting Cable
• 19G x 50 mm (2")	20G x 50 cm (20")	531187-32A	10	•	•	•	•
• 19G x 100 mm (4")	20G x 50 cm (20")	521187-32A	10	•	•	•	•

• Small patient product

# PlexoLong NanoLine®

## Non-echogenic Catheter-Through-Needle Systems

- 1 Catheter with Central Opening
- 2 Depth Markings
- 3 NanoLine Coating
- 4 Stimulation Cable
- 5 Bevel Configurations  
(Facet, Tuohy, SPROTTE®)



*Product advantages at a glance:*

- Non-echogenic system
- Catheter dispenser with automatic stylet removal
- Stimulating

PlexoLong NanoLine with Facet Tip	Catheter	Item no.	NRFit® Item no.	PU	FixoLong	Filter	Clamping Adapter
• 19G x 50 mm (2")	20G x 50 cm (20")	531156-31A	531166-31A	10	•	•	•
• 19G x 100 mm (4")	20G x 50 cm (20")	521156-31A	521166-31A	10	•	•	•
• 19G x 150 mm (6")	20G x 50 cm (20")	511156-31A	511166-31A	10	•	•	•
PlexoLong NanoLine with Tuohy Tip	Catheter	Item no.	NRFit Item no.	PU			
• 18G x 50 mm (2")	20G x 50 cm (20")	531156-31C	531166-31C	10	•	•	•
• 18G x 100 mm (4")	20G x 50 cm (20")	521156-31C	521166-31C	10	•	•	•

• Small patient product

A series of horizontal dashed lines for writing notes.







# *Wound Infiltration*

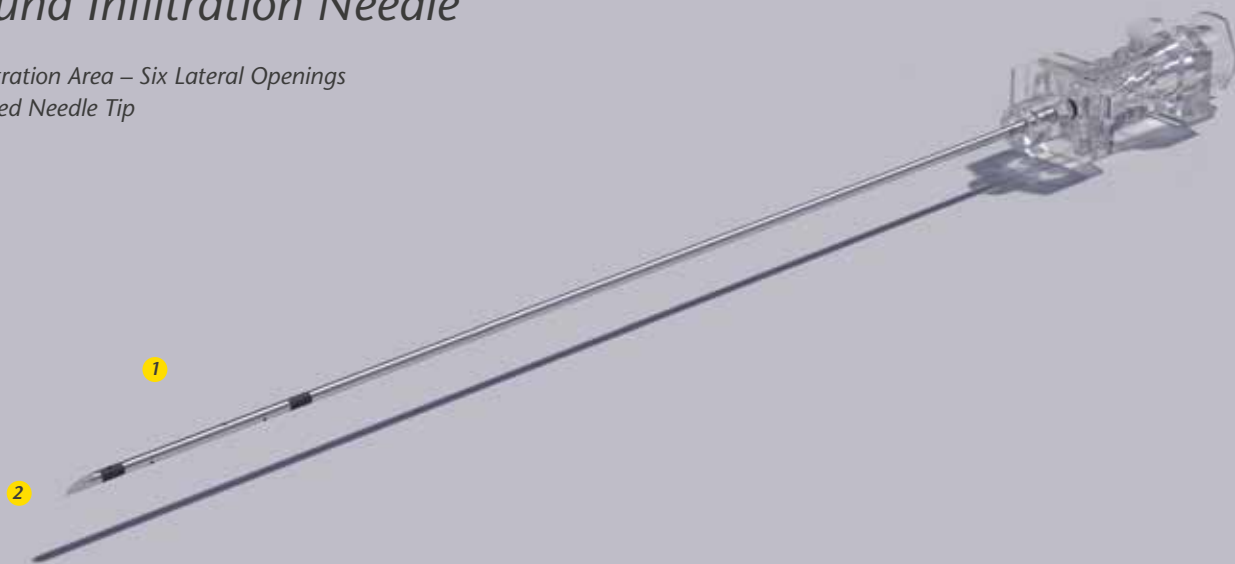
*Wide Range of  
Wound Infiltration Solutions*



# InFiltr

## Single Shot Wound Infiltration Needle

- 1 Infiltration Area – Six Lateral Openings
- 2 Closed Needle Tip



### Product advantages at a glance:

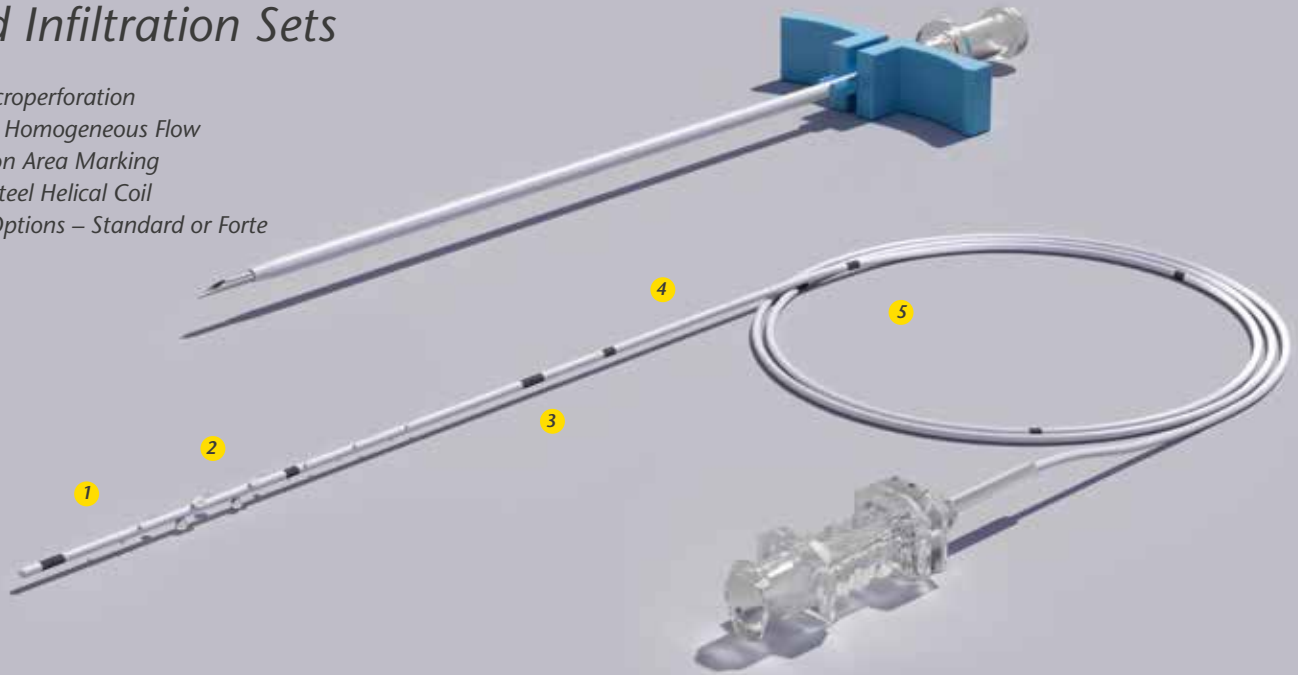
- 360 degree arrangement for close, evenly spaced, fine infusion perforations<sup>2</sup>
- More effective pain relief<sup>2</sup>
- Infusion reaches its target by the fastest and most direct route<sup>2</sup>
- Kink resistant

Description	Item no.	PU
20G x 100 mm needle with 6 lateral openings on the first 20 mm	1158-3G100	25

# InfiltraLong

## Continuous Wound Infiltration Sets

- 1 Precise Microperforation
- 2 Consistent Homogeneous Flow
- 3 Fenestration Area Marking
- 4 Stainless Steel Helical Coil
- 5 Catheter Options – Standard or Forte



**Product advantages at a glance:**

- 360 degree arrangement for close, evenly spaced, fine infusion perforations<sup>2</sup>
- More effective pain relief<sup>2</sup>
- Infusion reaches its target by the fastest and most direct route<sup>2</sup>
- Kink resistant

**InfiltraLong / InfiltraLong Forte**

incl. split needle with puncture needle, Filter, FixoLong

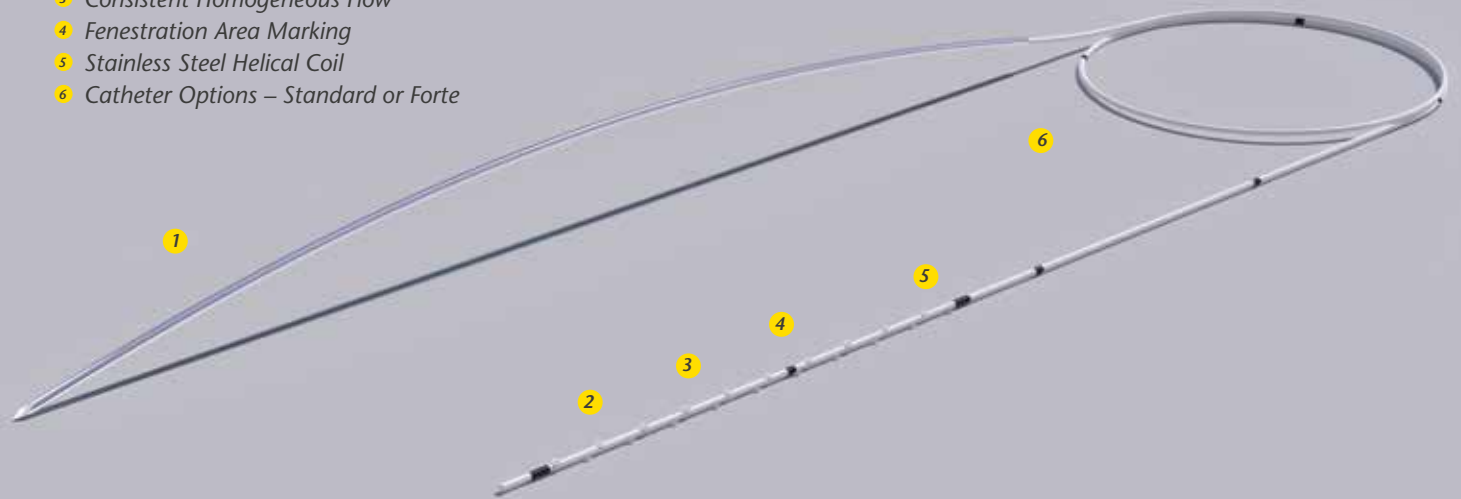
Description	Item no. Standard catheter 19G	Item no. Forte catheter 18G	NRFit® Item no. Forte catheter 18G	PU
<b>InfiltraLong 420</b> InfiltraLong catheter 420 mm (16 1/2"), with flexible helical coil and 10 openings along the first 25 mm	001158-00D			10
<b>InfiltraLong (Forte) 420</b> InfiltraLong catheter 420 mm (16 1/2"), with flexible helical coil and 15 openings along the first 40 mm	001158-00Z	001158-01Z	001168-01Z	10
<b>InfiltraLong (Forte) 500</b> InfiltraLong catheter 500 mm (19 1/2"), with flexible helical coil and 30 openings along the first 75 mm	001158-10A	001158-11A	001168-11A	10
<b>InfiltraLong (Forte) 600</b> InfiltraLong catheter 600 mm (23 1/2"), with flexible helical coil and 60 openings along the first 150 mm	001158-20B		001168-21B	10
<b>InfiltraLong (Forte) 600</b> InfiltraLong catheter 600 mm (23 1/2"), with flexible helical coil and 45 openings along the first 100 mm	001158-20D		001168-21D	10
<b>InfiltraLong (Forte) 700</b> InfiltraLong catheter 700 mm (27 1/2"), with flexible helical coil and 88 openings along the first 220 mm	001158-30C		001168-31C	10
<b>InfiltraLong (Forte) 900</b> InfiltraLong catheter 900 mm (35 2/5"), with flexible helical coil and 88 openings along the first 300 mm	001158-40C		001168-41D	10

2. Campolo M., Molin D., Rawal N., Soldati A. Protocols to compare infusion distribution of wound catheters, Med. Eng. Phys. 2011 Apr; 34(3): 326–332

# InfiltraLong TUN

## Continuous Wound Infiltration Sets with Pre-attached Tunneler

- 1 Pre-attached Curved Tunneler
- 2 Precise Microperforation
- 3 Consistent Homogeneous Flow
- 4 Fenestration Area Marking
- 5 Stainless Steel Helical Coil
- 6 Catheter Options – Standard or Forte



*Product advantages at a glance:*

- 360 degree arrangement for close, evenly spaced, fine infusion perforations<sup>2</sup>
- More effective pain relief<sup>2</sup>
- Infusion reaches its target by the fastest and most direct route<sup>2</sup>
- Kink resistant

**InfiltraLong TUN / InfiltraLong TUN Forte**

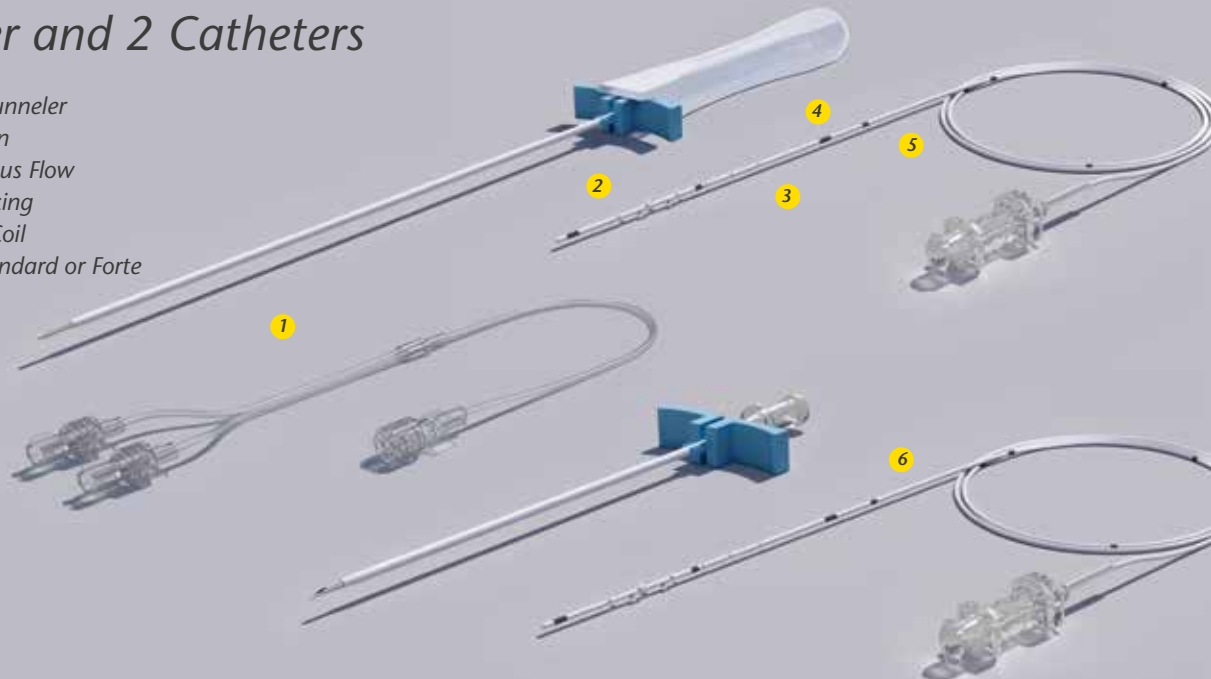
incl. pre-attached curved tunneler, Clamping Adapter, Filter, FixoLong

Description	Item no. Standard catheter 19G	NRFit® Item no. Forte catheter 18G	PU
<b>InfiltraLong TUN (Forte) 420T</b> InfiltraLong catheter 420 mm (16 1/2"), with flexible helical coil and 10 openings along the first 25 mm	021159-00D	021169-01D	10
<b>InfiltraLong TUN 420T</b> InfiltraLong catheter 420 mm (16 1/2"), with flexible helical coil and 15 openings along the first 40 mm	021159-00Z		10
<b>InfiltraLong TUN (Forte) 600T</b> InfiltraLong catheter 600 mm (23 1/2"), with flexible helical coil and 60 openings along the first 150 mm	021159-20B	021169-21B	10
<b>InfiltraLong TUN (Forte) 600T</b> InfiltraLong catheter 600 mm (23 1/2"), with flexible helical coil and 45 openings along the first 100 mm	021159-20D	021169-21D	10
<b>InfiltraLong (Forte) 700T</b> InfiltraLong catheter 700 mm (27 1/2"), with flexible helical coil and 88 openings along the first 220 mm	021159-30C		10
<b>InfiltraLong (Forte) 900T</b> InfiltraLong catheter 900 mm (35 1/2"), with flexible helical coil and 88 openings along the first 300 mm	021159-40C		10

# InfiltraLong TUN Duo

Continuous Wound Infiltration Set  
with Tunneler and 2 Catheters

- 1 Pre-attached Curved Tunneler
- 2 Precise Microperforation
- 3 Consistent Homogeneous Flow
- 4 Fenestration Area Marking
- 5 Stainless Steel Helical Coil
- 6 Catheter Options – Standard or Forte



*Product advantages at a glance:*

- 360 degree arrangement for close, evenly spaced, fine infusion perforations<sup>2</sup>
- More effective pain relief<sup>2</sup>
- Infusion reaches its target by the fastest and most direct route<sup>2</sup>
- Kink resistant

## InfiltraLong TUN Duo

**Description**

Item no. Standard catheter 19G PU

**InfiltraLong TUN Duo**

- 2x InfiltraLong catheter 19G x 600mm with integrated stainless steel helical coil and 60 openings along the first 150mm, with 360° markings
- 1x Injection tube with Y-connector
- 1x Filter
- 1x FixoLong
- 1x Tunneler 235
- 1x Split needle
- 1x Luer-lock syringe 20ml
- 2x transparent adhesive

021154-20B 3

2. Campolo M., Molin D., Rawal N., Soldati A. Protocols to compare infusion distribution of wound catheters, Med. Eng. Phys. 2011 Apr; 34(3): 326–332

# FuserPump (Individual)

## Continuous Wound Infiltration Pump

- 1 Hard Shell Pump, 350 ml
- 2 Flexible Flow Rate
- 3 Carrying Pouch
- 4 Spring Scale



### Product advantages at a glance:

- Possible virtual check: shatter-proof, clear shell
- Variable flow rates

### FuserPump

Description	Item no.	NRFit® Item no.*	PU
FuserPump 350 ml with Carrying Pouch, Spring Scale, Syringe 50ml Lock	1157-00-00	1167-00-00	3
FuserPump Filler Filling system for FuserPump with non-return valve, spike	001151-38L		10

\*with Spike NRFit

# FuserPump

## Continuous Wound Infiltration Sets with FuserPump

- 1 Hard Shell Pump, 350 ml
- 2 Flexible Flow Rate
- 3 Precise Microperforation
- 4 Consistent Homogeneous Flow
- 5 Fenestration Area Marking
- 6 Stainless Steel Helical Coil
- 7 Catheter Options – Standard or Forte



**Product advantages at a glance:**

- 360 degree arrangement for close, evenly spaced, fine infusion perforations<sup>2</sup>
- More effective pain relief<sup>2</sup>
- Infusion reaches its target by the fastest and most direct route<sup>2</sup>
- Kink resistant
- Possible virtual check: shatter-proof, clear shell
- Variable flow rates

**Forte FuserPump / FuserPump Forte**

incl. split needle with puncture needle, Filter, FixoLong, FuserPump 350ml, 50ml syringe, spring scale

Description	Item no. Standard catheter 19G	Item no. Forte catheter 18G	NRFit Item no. Forte catheter 18G	PU
<b>FuserPump (Forte) 420</b> InfiltralLong catheter 420 mm (16 1/2"), with flexible helical coil and 15 openings along the first 40 mm	001157-00Z	001157-01Z	101167-01Z	3
<b>FuserPump (Forte) 500</b> InfiltralLong catheter 500 mm (19 2/3"), with flexible helical coil and 30 openings along the first 75 mm	001157-10A	001157-11A	101167-11A	3
<b>FuserPump (Forte) 600</b> InfiltralLong catheter 600 mm (23 1/2"), with flexible helical coil and 60 openings along the first 150 mm	001157-20B	001157-21B	101167-21B	3
<b>FuserPump 600</b> InfiltralLong catheter 600 mm (23 1/2"), with flexible helical coil and 45 openings along the first 100 mm	001157-20D			3
<b>FuserPump (Forte) 700</b> InfiltralLong catheter 700 mm (27 1/2"), with flexible helical coil and 88 openings along the first 220 mm	001157-30C		101167-31C	3
<b>FuserPump 900</b> InfiltralLong catheter 900 mm (35 1/2"), with flexible helical coil and 88 openings along the first 300 mm	001157-40C			3

2. Campolo M., Molin D., Rawal N., Soldati A. Protocols to compare infusion distribution of wound catheters, Med. Eng. Phys. 2011 Apr; 34(3): 326–332



# FuserPump TUN

## Continuous Wound Infiltration Sets with FuserPump and Tunneler

- 1 Pre-attached Curved Tunneler
- 2 Hard Shell Pump, 350 ml
- 3 Flexible Flow Rate
- 4 Precise Microperforation
- 5 Consistent Homogeneous Flow
- 6 Fenestration Area Marking
- 7 Stainless Steel Helical Coil
- 8 Catheter Options – Standard or Forte



### Product advantages at a glance:

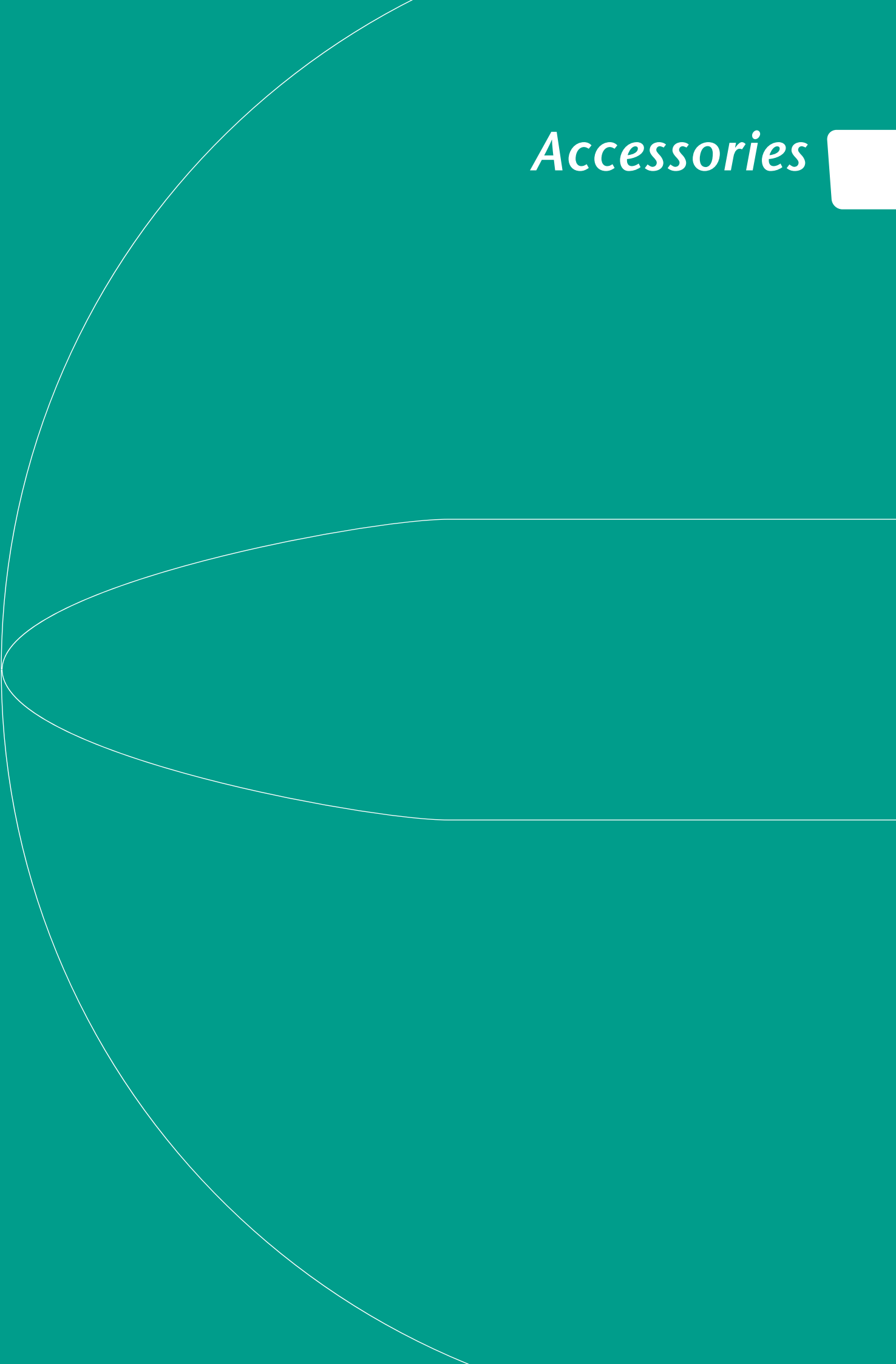
- 360 degree arrangement for close, evenly spaced, fine infusion perforations<sup>2</sup>
- More effective pain relief<sup>2</sup>
- Infusion reaches its target by the fastest and most direct route<sup>2</sup>
- Kink resistant
- Possible virtual check: shatter-proof, clear shell
- Variable flow rates

### FuserPump TUN

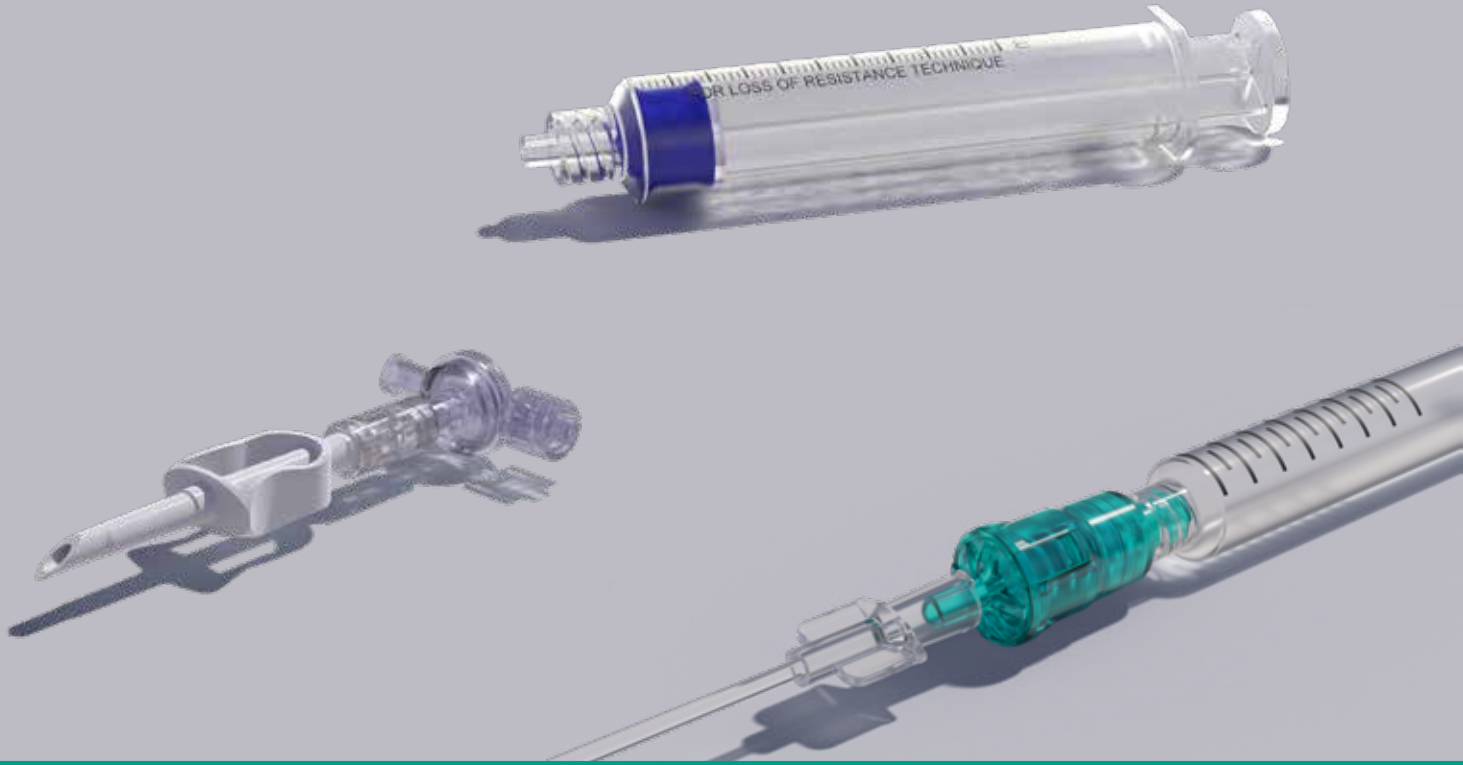
incl. pre-attached curved tunneler, Clamping Adapter, Filter, FixoLong, FuserPump 350ml, 50ml syringe, spring scale

Description	Item no. Standard catheter 19G	PU
FuserPump TUN 420T InfiltraLong catheter 420 mm (16 1/2"), with flexible helical coil and 15 openings along the first 40 mm	021157-00Z	3
FuserPump TUN 500T InfiltraLong catheter 500 mm (19 2/3"), with flexible helical coil and 30 openings along the first 75 mm	021157-10A	3
FuserPump TUN 600T InfiltraLong catheter 600 mm (23 1/2"), with flexible helical coil and 60 openings along the first 150 mm	021157-20B	3

# *Accessories*



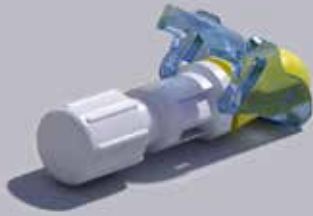
LOR, NerveGuard, FuserPump Filler, Clamping Adapter, FixoCath, Filter & FixoLong, Injection Tubing, NRFit® Accessories, SonoCover



LOR Syringe	Item no.	NRFit Item no.	PU
LOR Syringe, Lock	0001151-45		10
LOR Syringe, Slip		0001166-45	10
NerveGuard	Item no.	NRFit Item no.	PU
for single shot applications in diameters of 20G/21G/22G	001151-38M	001163-38M	10
FuserPump Filler	Item no.	PU	
FuserPump Filler Filling system for FuserPump with non-return valve, spike	001151-38L	10	

Accessories	Item no.	NRFit Item no.	PU
Clamping Adapter grey*		001163-39C	10
Clamping Adapter white**	001151-38C	001163-38C	10
Clamping Adapter yellow***	001151-37V	001163-37V	10
Clamping Adapter green****	001151-37Y		10
FixoCath	001151-37Z		10
Filter	001151-37Q	001163-62	10
FixoLong	001151-47	001163-60	10
FixoLong with Filter	001151-48	001163-61	10
Injection Tubing 60 cm (23")	001151-37R	001163-37R	10
Injection Tubing 35 cm (14") with Y-connection	001151-37W		10

\* InfiltraLong Forte 18G  
 \*\* EpiLong Soft 19G / EpiLong & EpiLong Tuohy 19G + 20G / EpiSpin 19G + 20G / InfiltraLong 19G  
 \*\*\* EpiLong Soft 20G / Nerve Block Catheters 20G and higher  
 \*\*\*\* IntraLong 25G + 27G (27G applies to NRFit only)



NRFit Accessories	NRFit Item no.	PU	SonoCover – Ultrasound Cover	Item no.	PU
<b>Blood Patch Set</b>			<b>15 x 100 cm (40")</b>		
Tuohy needle NRFit 18G x 90 mm (3 1/2") with metall stylet, injection needle 60 cm (2 1/4"), 2 syringe	001166-942	5	with 3D chamber at the tip, one stripe and two rubbers, sterile	011151-1501	25
20 ml NRFit Slip, syringe 5 ml Luer Slip, LOR syringe 10 ml NRFit Slip, injection needle 21G x 38 mm (1 1/2") green, injection			<b>15 x 30 cm (12")</b>		
needle 25G x 25 mm (1") orange, filter needle 18G x 50 mm (2"), filter needle NRFit 18G x 50 mm (2"), two-way stopcock, cotton swab tweezers, 6 round swabs, 4 compress, fenestrated drape, surgical drape			with 3D chamber at the tip, one stripe and two rubbers, sterile	011151-1530	25
			<b>15 x 60 cm (23 1/2")</b>		
			with 3D chamber at the tip, one stripe and two rubbers, sterile	011151-1560	25
<b>Filter Needle 18G x 50 mm (2")</b>	001163-38Y	10	<b>15 x 100 cm (40")</b>		
<b>Locking Cap male, yellow</b>	001163-38S	10	with gel, one stripe and two rubbers, sterile	021151-1501	25
<b>Locking Cap female, yellow</b>	001163-38Z	10	<b>15 x 30 cm (12")</b>		
			with gel, one stripe and two rubbers, sterile	021151-1530	25
			<b>15 x 60 cm (23 1/2")</b>		
			with gel, one stripe and two rubbers, sterile	021151-1560	25
<b>SonoCover – Ultrasound Cover</b>	<b>Item no.</b>	<b>PU</b>	<b>15 x 100 cm (40")</b>		
			with gel, one stripe and two rubbers, sterile	031151-1501	25
<b>15 x 100 cm (40")</b>	001151-1501	25	<b>15 x 30 cm (12")</b>		
with one stripe and two rubbers, sterile			with gel, one stripe and two rubbers, sterile	031151-1530	25
<b>15 x 30 cm (12")</b>	001151-1530	25	<b>15 x 60 cm (23 1/2")</b>		
with one stripe and two rubbers, sterile			with gel, one stripe and two rubbers, sterile	031151-1560	25
<b>15 x 60 cm (23 1/2")</b>	001151-1560	25			
with one stripe and two rubbers, sterile					

# PAJUNK®

PAJUNK® GmbH Medizintechnologie  
International Sales  
Karl-Hall-Straße 1  
78187 Geisingen, Germany  
Tel.: +49 7704 9291-0  
Fax: +49 7704 9291-600  
info@pajunk.com  
pajunk.com

PAJUNK® Medical Produkte GmbH  
Central Europe  
Pajunkstraße 2  
78187 Geisingen, Germany  
Tel.: +49 7704 8008-0  
Fax: +49 7704 8008-150  
info@pajunk-medipro.com  
pajunk.de & pajunk.eu

PAJUNK® Swiss AG  
Switzerland  
Neuhofstrasse 5A  
6340 Baar, Switzerland  
Tel.: +41 41 760 96 27  
info@pajunk.ch  
pajunk.ch

PAJUNK® Medical System L.P.  
United States of America  
4575 Marconi Drive  
Alpharetta, GA 30005, USA  
Tel.: +1 770.493.6832  
Fax: +1 678.514.3388  
info@pajunk-usa.com  
pajunkusa.com

PAJUNK® UK Medical Products Ltd  
United Kingdom  
Unit D1 The Waterfront  
Goldcrest Way, Newburn Riverside  
Newcastle upon Tyne, NE15 8NY, UK  
Tel.: +44 191 264 7333  
info@pajunk.co.uk  
pajunk.co.uk