

PAJUNK®



REGIONAL ANAESTHESIA
& PAIN MANAGEMENT

Wound Infiltration *Product Catalogue*

interdisziplinäre Vernetzung von verschiedenen Fachbereichen
und verschiedenen Disziplinen auf dem Programm. In 2015
wurden Forschungsprojekte für die Entwicklung von
Medikamenten, die gegen die Alzheimer-Krankheit wirken,
in der Schweiz, Kanada und den USA durchgeführt. In
Frankreich, Italien und den Niederlanden wird an der
Entwicklung von Medikamenten gearbeitet, die die
Symptome der Alzheimer-Krankheit lindern. In den
USA wird an der Entwicklung von Medikamenten gearbeitet,
die die Symptome der Alzheimer-Krankheit lindern.
In der Schweiz wird an der Entwicklung von Medikamenten
gearbeitet, die die Symptome der Alzheimer-Krankheit
lindern. In Italien wird an der Entwicklung von
Medikamenten gearbeitet, die die Symptome der
Alzheimer-Krankheit lindern. In den Niederlanden
wird an der Entwicklung von Medikamenten gearbeitet,
die die Symptome der Alzheimer-Krankheit lindern.

Back on Track in No Time



LEARN MORE AT
info@pajunk-medipro.com
pajunk.com

PAJUNK

With Pajunk's Continuous Wound Infiltration System

InfiltraLong

- Precise 360° microperforations for consistent homogeneous flow
- More effective pain relief while reducing opioid consumption
- Kink protection hub and stainless steel helical coil for better catheter stability
- Including accessories like introducer needles and filters



FuserPump

- Sturdy 350ml hard shell pump
- Flexible flow rates: 3, 5, 8ml/h
- Spring Scale indicates amount of anesthetic



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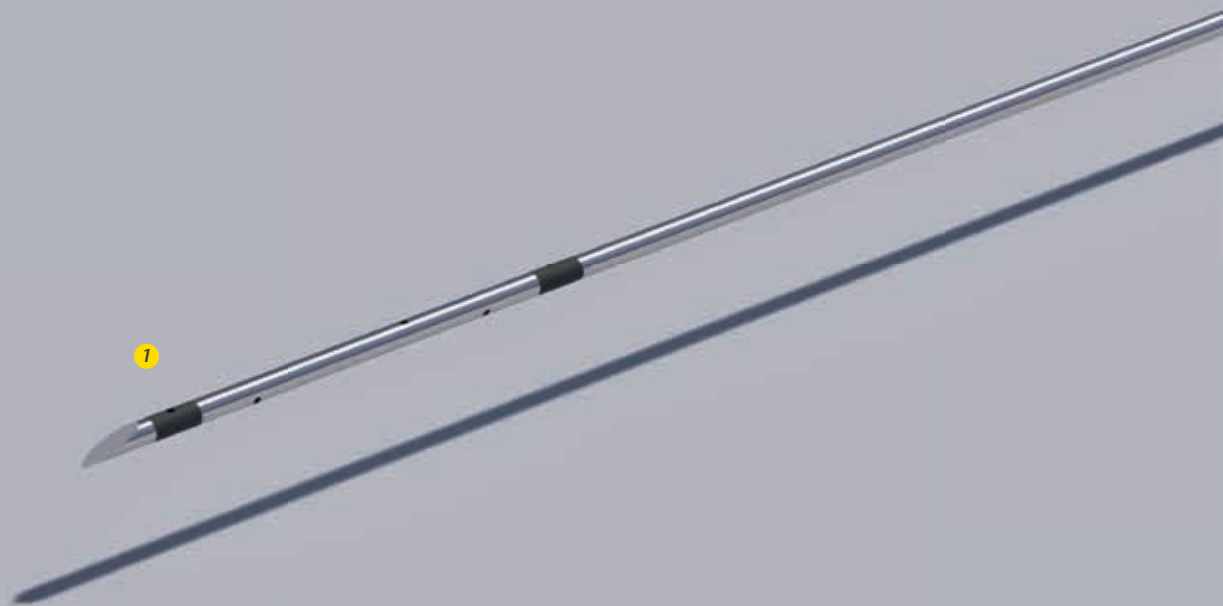
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Local Infiltration Analgesia

InFiltr – Single Shot

Wound Infiltration Needles

The Local Infiltration Analgesia (LIA) is performed by surgeons after a knee and hip joint placement (TEP) in a Single Shot procedure. As part of the fast-track concept the LIA is used for early rehabilitation. With InFiltr, PAJUNK® offers an infiltration needle with a large infiltration field. Due to the closed tip and the six lateral openings, the anaesthetic can be widely dispersed in the surgical wound, reducing the number of injections which results in a faster infiltration.



1 *InFiltr*



InFiltr

Single Shot Wound Infiltration Needles



Infiltration Area

- ▶ Six lateral openings on the first 20 mm – 360 degree
- ▶ Greater infiltration field
- ▶ Faster infiltration



Closed Needle Tip

- ▶ Improved gliding properties
- ▶ Allows for infusion through lateral openings

InFiltr

InFiltr	Item no.	PU
with 6 lateral openings on the first 20 mm		
20G x 100mm (4")	1158-3G100	25

...catheter is a self-contained
...drainage analysis of the
...of the catheter allows for
...of anesthetic. This allows
...and improve outcomes.

...and fenestration lengths
...table for many different
...performed extremely
...and precise infusion
...evenly spaced in the
...distribution
...mobility. The
...inward vector of
...thickness.

...for the use with
...syringe pumps
...configurations,
...needles and

Instructions

- 1 Prime the catheter by flushing the catheter with normal saline or medication - ready if drops will be produced along the microperforation.



- 2 Use the introducer needle to puncture the skin 30 to 50mm away from the surgical wound site. Proceed until the introducer needle is stable in the open wound.



- a) Release the locking of the peel-away introducer and remove the needle.



- b) Then insert the catheter into the introducer sheath.



Catheter
Feed

- 3 Position the complete catheter fenestration inside the wound. (Please notice the complete perforated segment has to be inside the wound)



- 4 Close the wound. Ensure that the catheter is not damaged.



- 5 Separate and peel away the introducer sheath.



- 6 Fixate the catheter with FixoCath (optional accessory) near the wound.



PAJUNK

Procedure Guide InfiltralLong



Get your
procedure guide at
pajunk.com

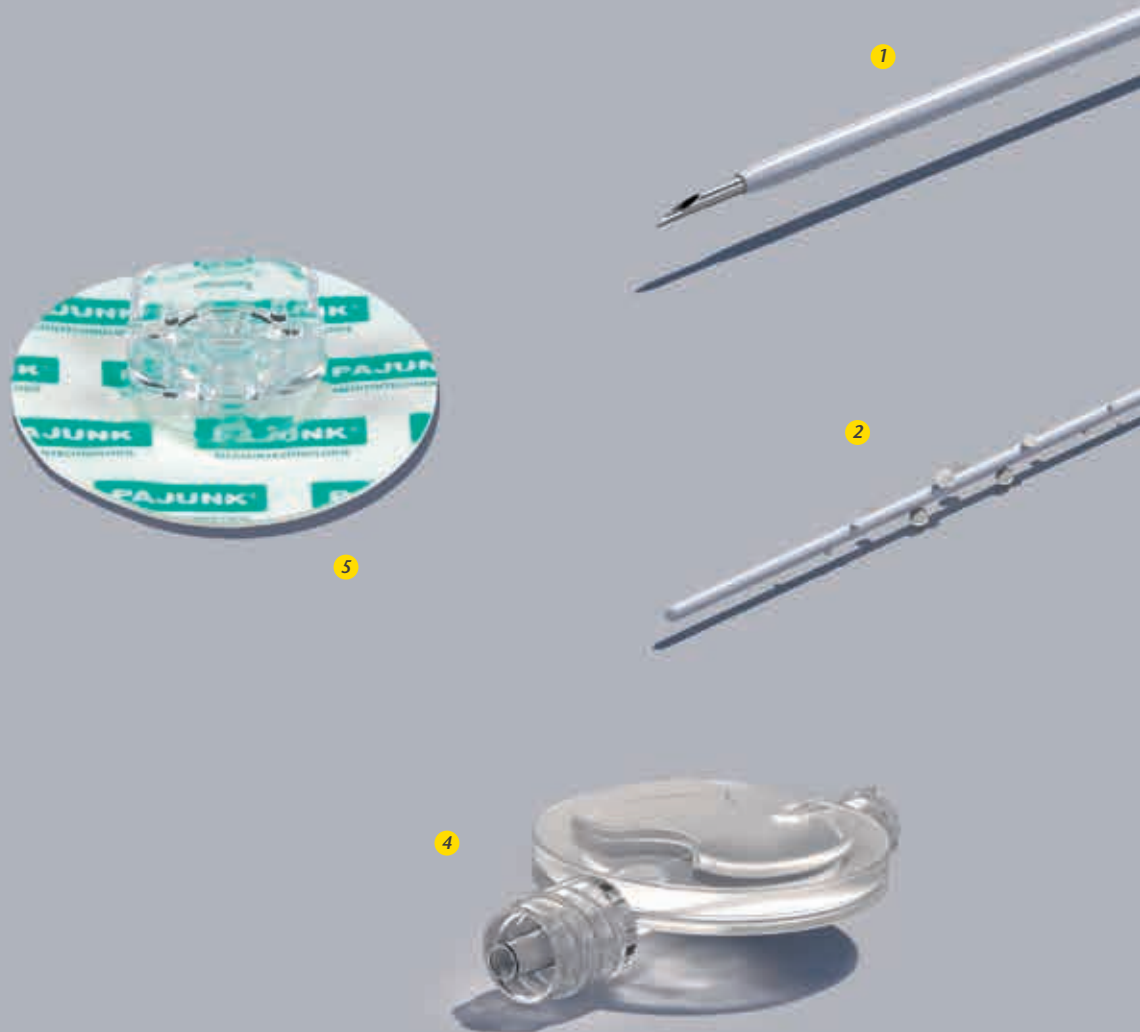
Continuous Wound Infiltration

InfiltraLong – Uniform Continuous Wound Infiltration

The PAJUNK® InfiltraLong catheter is a self-contained system for continuous Infiltration Analgesia at the surgical site. The design of the catheter allows for smooth and administration of local anaesthetic. This allows to optimise patient analgesia and improve outcomes while reducing opioid consumption.¹

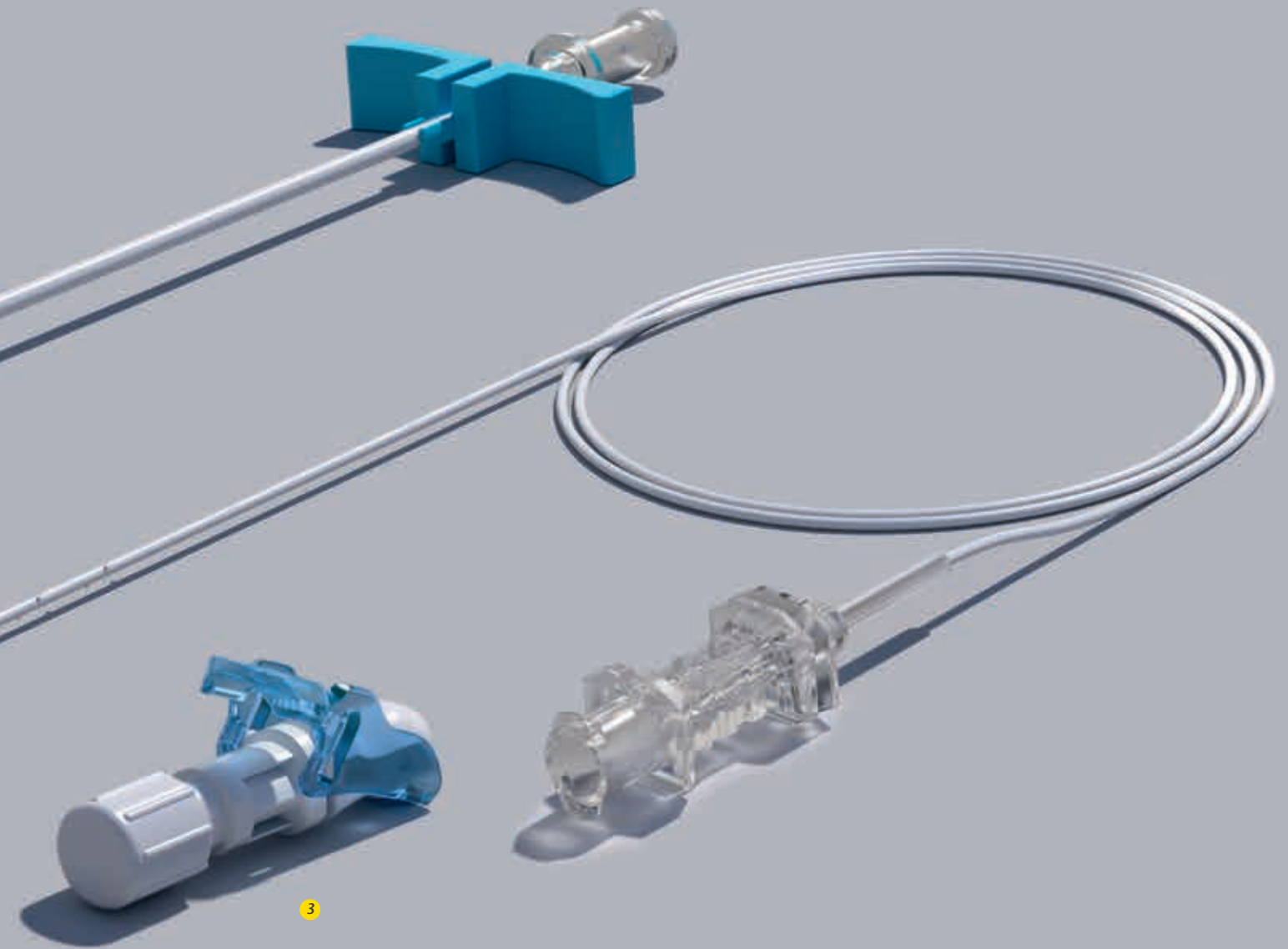
The wide range of catheter and fenestration lengths makes the InfiltraLong catheter suitable for many different areas of use. In comparison with three other commercially available catheters, the InfiltraLong performed extremely well because of its numerous fine and precise infusion perforations, which are closely and evenly spaced in the fenestration segment.² This ensures an even distribution of anaesthetic and an earlier patient mobilisation.³ The InfiltraLong catheter is available in a Standard version as well as the Forte version with an extended wall thickness.

The InfiltraLong catheter is designed for the use with all commercially available wound infusion pumps. InfiltraLong sets come in many different configurations, including basic accessories like introducer needles and filter, but also full sets with the FuserPump.



- 1 Split Needle with Puncture Needle
- 2 InfiltraLong Catheter
- 3 Clamping Adapter
- 4 Filter
- 5 FixoLong

2 | CONTINUOUS WOUND INFILTRATION



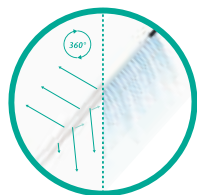
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Also available in **NRFit**

InfiltraLong Catheter

InfiltraLong + InfiltraLong Forte – Continuous Wound Infiltration Systems



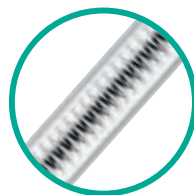
Fenestration with Precise Microperforations

- ▶ Consistent anaesthetic spread throughout the whole fenestration area for more effective pain relief²
- ▶ 360 degree arrangement of perforations



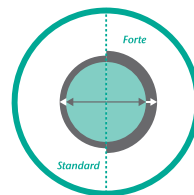
Fenestration Area Marking

- ▶ Indicate perforation positioning for easier placement



Stainless Steel Helical Coil

- ▶ Improved ultrasound visibility
- ▶ Improved catheter flexibility and stability resulting in reduced chance of kinking³
- ▶ Radiopaque



Catheter Options

- ▶ Standard and Forte catheter configurations
- ▶ Forte catheter option: 70% thicker walls with the same inner lumen for an application close to joints



Depth Markings

- ▶ Easy to read and identify

InfiltraLong + InfiltraLong Forte

InfiltraLong + InfiltraLong Forte incl. split needle with puncture needle, Filter, FixoLong	Item no. Standard catheter 19G	Item no. Forte catheter 18G	NRFit® Item no. Forte catheter 18G	PU
InfiltraLong 420 InfiltraLong catheter 420 mm (16 1/2"), with flexible helical coil and 10 openings along the first 25 mm	001158-00D			10
InfiltraLong (Forte) 420 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
InfiltraLong (Forte) 500 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
InfiltraLong (Forte) 600 InfiltraLong catheter 600 mm (23 1/2"), with flexible helical coil and 60 openings along the first 150 mm	001158-20B	001158-21B	001168-21B	10
InfiltraLong (Forte) 600 InfiltraLong catheter 600 mm (23 1/2"), with flexible helical coil and 45 openings along the first 100 mm	001158-20D		001168-21D	10
InfiltraLong (Forte) 700 InfiltraLong catheter 700 mm (27 1/2"), with flexible helical coil and 88 openings along the first 220 mm	001158-30C		001168-31C	10
InfiltraLong (Forte) 900 InfiltraLong catheter 900 mm (35 1/2"), with flexible helical coil and 88 openings along the first 300 mm	001158-40C			10

InfiltraLong TUN + InfiltraLong TUN Forte

InfiltraLong TUN + InfiltraLong TUN Forte incl. preconnected curved tunnelisator, Clamping Adapter, Filter, FixoLong	Item no. Standard catheter 19G	Item no. Forte catheter 18G	NRFit Item no. Forte catheter 18G	PU
InfiltraLong TUN (Forte) 420T InfiltraLong catheter 420 mm (16 1/2"), with flexible helical coil and 10 openings along the first 25 mm	021159-00D			10
InfiltraLong TUN 420T InfiltraLong catheter 420 mm (16 1/2"), with flexible helical coil and 15 openings along the first 40 mm	021159-00Z			10
InfiltraLong TUN 500T InfiltraLong catheter 500 mm (19 1/2"), with flexible helical coil and 30 openings along the first 75 mm	021159-10A			10
InfiltraLong TUN (Forte) 600T InfiltraLong catheter 600 mm (23 1/2"), with flexible helical coil and 60 openings along the first 150 mm	021159-20B			10
InfiltraLong TUN (Forte) 600T InfiltraLong catheter 600 mm (23 1/2"), with flexible helical coil and 45 openings along the first 100 mm	021159-20D		021169-21D	10
InfiltraLong (Forte) 700T InfiltraLong catheter 700 mm (27 1/2"), with flexible helical coil and 88 openings along the first 220 mm	021159-30C			10
InfiltraLong (Forte) 900T InfiltraLong catheter 900 mm (35 1/2"), with flexible helical coil and 88 openings along the first 300 mm	021159-40C		021169-41C	10

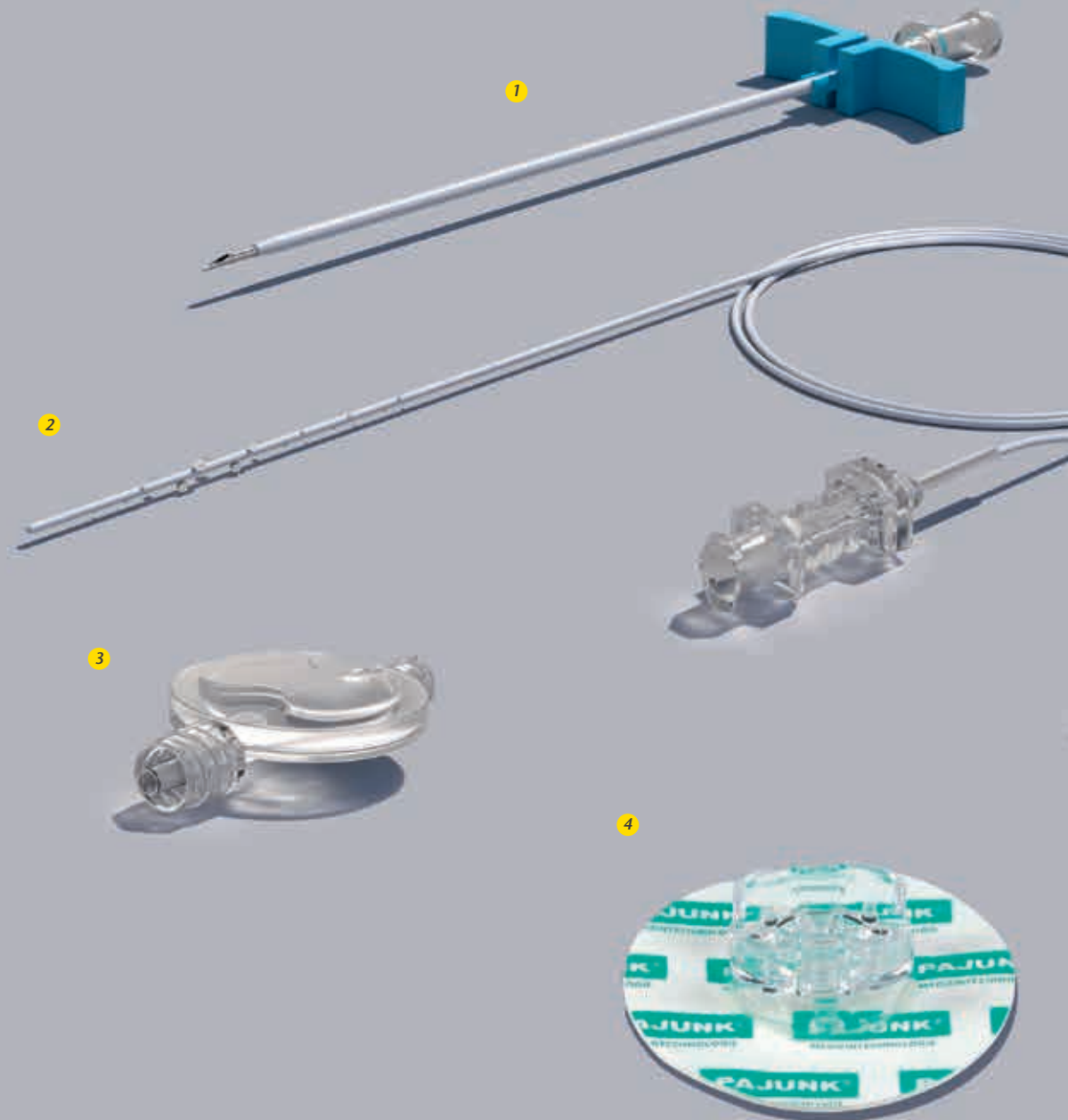
InfiltraLong TUN Duo

InfiltraLong TUN Duo	Item no. Standard catheter 19G	Item no. Forte catheter 18G	NRFit Item no. Forte catheter 18G	PU
2x InfiltraLong catheter 19G x 600 mm (23 1/2") with integrated stainless steel helical coil and 60 openings along the first 150 mm, 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

Continuous Infiltration Pump

FuserPump – Continuous Wound Infiltration Pump

The FuserPump is a hard shell pump specifically designed for use in wound infiltration offering the volumes and flowrates used in wound infiltration.



- 1 Split Needle with Puncture Needle
- 2 InfiltraLong Catheter
- 3 Filter
- 4 FixoLong
- 5 FuserPump
- 6 Flow Rate Selector
- 7 Clamping Adapter

3 | CONTINUOUS INFILTRATION PUMP



Also available in **NRFit**

3 | CONTINUOUS INFILTRATION PUMP

FuserPump

Continuous Wound Infiltration Pump



Hard Shell Pump

- ▶ Maximum filling volume 350 ml
- ▶ Visual check: shatter-proof, clear shell
- ▶ Variable flow rates
- ▶ Non-compressible – no excess dosage due to compression



Flexible Flow Rate

- ▶ Flow rate selector with locking key
- ▶ Flexible flow rate 3, 5, 8 ml/hr
- ▶ Maximum filling volume of the FuserPump 350 ml

FuserPump

Product	Item no.	NRFit® Item no.*	PU
FuserPump 350 ml Carrying Pouch, Spring Scale, Syringe 50 ml Lock	1157-00-00	1167-00-00	3
FuserPump Filler Filling system for FuserPump with non-return valve, spike	001151-38L	001163-38L	10

FuserPump Accessories



Carrying Pouch

- ▶ Additional security for pump
- ▶ Convenience for easy carrying
- ▶ Increased patient mobility
- ▶ Enclosed with the pump



FuserPump Filler

- ▶ Preventing backflow of liquids by integrated no-return valve
- ▶ Available separately

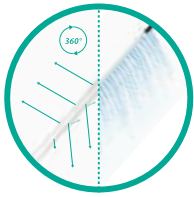


Spring Scale

- ▶ Indicates the rough amount of anaesthetic remaining in the pump (in ml)
- ▶ Enclosed with the pump

*with Spike NRFit

InfiltraLong (Forte) Catheter



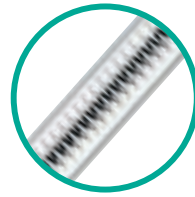
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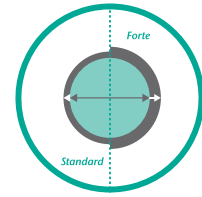
Fenestration Area Marking

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Stainless Steel Helical Coil

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- ▶ Forte catheter option: 70% thicker walls with the same inner lumen for an application close to joints



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FuserPump + FuserPump Forte

FuserPump + FuserPump Forte incl. split needle with puncture needle, FuserPump 350 ml, 50ml syringe, spring scale	Item no. Standard catheter 19G	Item no. Forte catheter 18G	NRFit Item no. Forte catheter 18G	PU
FuserPump (Forte) 420 InfiltraLong 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
FuserPump (Forte) 500 InfiltraLong 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
FuserPump (Forte) 600 InfiltraLong catheter 600 mm (23 1/2"), with flexible helical coil and 60 openings along the first 150 mm	001157-20B			3
FuserPump 600 InfiltraLong catheter 600 mm (23 1/2"), with flexible helical coil and 45 openings along the first 100 mm	001157-20D			3
FuserPump (Forte) 700 InfiltraLong catheter 700 mm (27 1/2"), with flexible helical coil and 88 openings along the first 220 mm	001157-30C		101167-31C	3
FuserPump 900 InfiltraLong catheter 900 mm (35 1/2"), with flexible helical coil and 88 openings along the first 300 mm	001157-40C			3

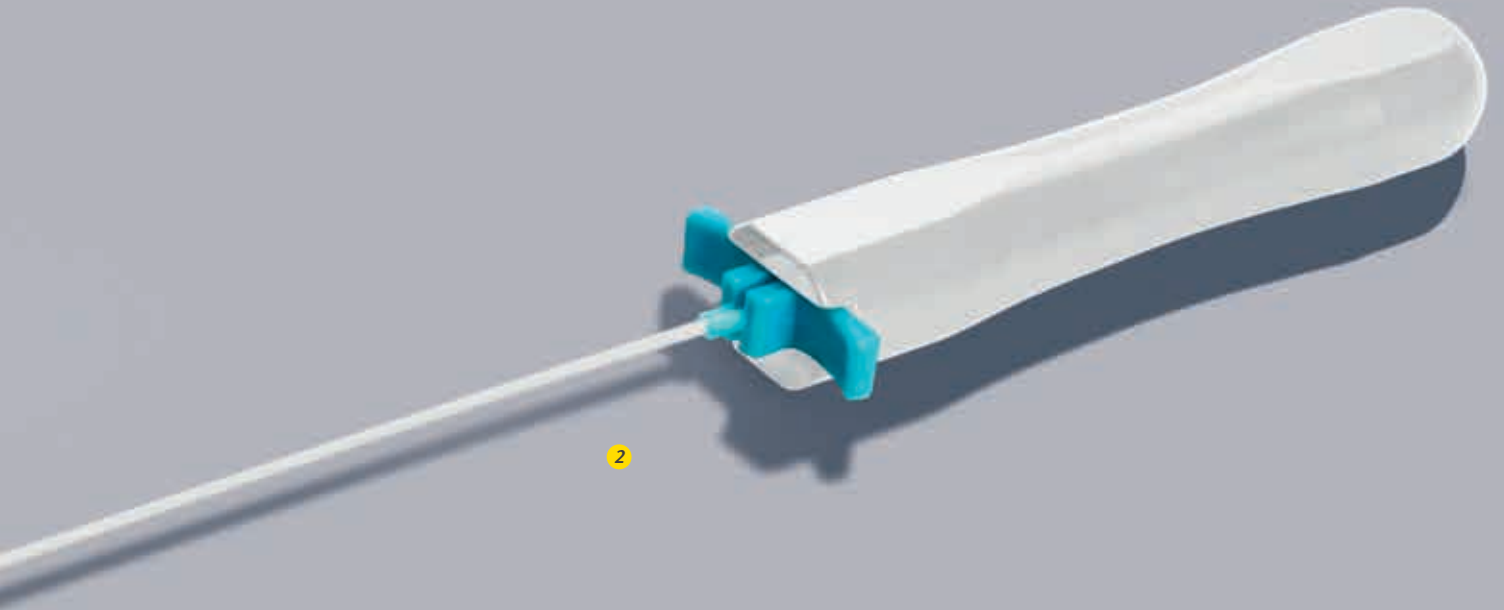
FuserPump TUN

FuserPump TUN incl. preconnected curved tunnelisator, Clamping Adapter, Filter, FixoLong, FuserPump 350 ml, 50ml syringe, spring scale	Item no. Standard catheter 19G	Item no. Forte catheter 18G	NRFit Item no. Forte catheter 18G	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, with flexible helical coil and 60 openings along the first 150 mm	021157-20B			3

Accessories



- 1 FuserPump Filler
- 2 Tunneler
- 3 Clamping Adapter
- 4 Filter
- 5 FixoLong



Also available in **NRFit**

Tunneler

Instruments for Wound Catheter Placement



- ▶ Split needle with facet tip, available in InfiltraLong & FuserPump Sets
- ▶ Tunneler 105 with blunt tip – available individually
- ▶ Preconnected and curved tunnelisator, available in InfiltraLong TUN & FuserPump TUN Sets

Tunneler

Description	Item no.	PU
Tunneler 105 with split needle 95 mm (3 3/4"), obturator 1 cm overlapping, for catheter 18G	001151-54	1
Tunneler 235 with split needle 230 mm (9"), obturator 0.5 cm overlapping, for catheter 18G	001151-55	1

FuserPump Filler

Filling System for FuserPump



- ▶ Closed, sterile system for increased patient safety
- ▶ Integrated check valve prevents backflow of the liquid
- ▶ Fast and secure filling of the FuserPump

FuserPump Filler

Description	Item no.	PU
Filling system for FuserPump with non-return valve, spike	001151-38L	10

Clamping Adapter

Catheter Connector



- ▶ Ensures the best possible flow
- ▶ Strong fixation

Clamping Adapter Products

Description	Item no.	NRFit® Item no.	PU
grey for 18G		001163-39C	10
white for 19G	001151-38C	001163-38C	10

Filter and FixoLong

Filter Fixation Device



- ▶ Filter fixation near the catheter outlet
- ▶ Ensures maximum freedom of movement for the patient

Filter Fixation Device

Description	Item no.	NRFit Item no.	PU
Filter	001151-37Q	001163-37X	10
FixoLong	001151-47	001163-40	10
FixoLong with Filter	001151-48	001163-41	10

NRFit Accessories

NRFit Accessorie Products

Description	NRFit Item no.	PU
Filter Needle 18G x 50mm (2")	001163-38Y	10
Locking Cap, male, yellow	001163-38S	10
Locking Cap, female, yellow	001163-38Z	10

LITERATURE REFERENCES

1. Rawal N, 2012 Perineural catheter analgesia as a routine method after ambulatory surgery – effective but unrealistic, Reg. Anesth. Pain Med. 2012 Jan-Feb; 37(1); 72–76
2. Campolo M. et al. Protocols to compare infusion distribution of wound catheters, Med. Eng. Phys. 2011 Apr; 34(3): 326–332
3. Toledano, R. D. et al. Epidural Catheter Design: History, Innovations, and Clinical Implications., Anesthesiology, V 121, No 1, 2014

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