

**PAJUNK®**

***SPROTTE® Surety®***

*The safe cannula for  
spinal anaesthesia*



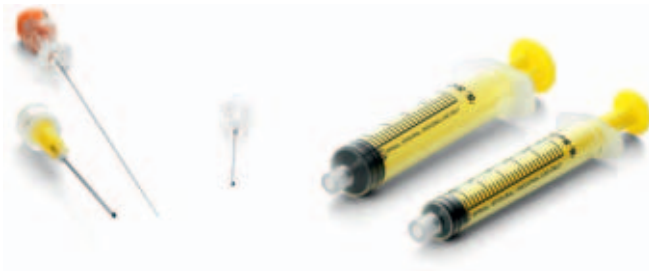
Spinal anaesthesia

# All the information at a glance



## SPROTTE® Surety®

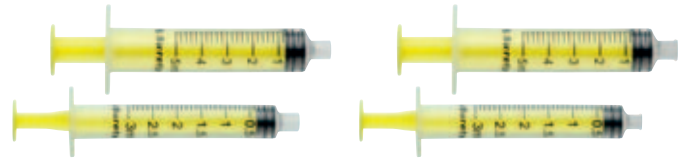
Size	without introducer Item no.	with introducer Item no.	PU
27 G x 90mm		021152-27A	25
27 G x 103mm		041152-27A	25
27 G x 120mm		031152-27A	10
25 G x 90mm		021152-29A	25
25 G x 103mm		041152-29A	25
25 G x 120mm		051152-29A	10
24 G x 90mm	001152-30A	121152-30A	25
24 G x 103mm		021152-30A	10
24 G x 120mm		041152-30A	10
24 G x 150mm		131152-30A	10
22 G x 90mm		021152-30C	25
22 G x 120mm		131152-30C	10
22 G x 150mm		141152-30C	25



## SPROTTE® Surety® sets

SPROTTE® Surety® cannula with introducer,  
Surety® filter cannula (blunt) 50mm,  
Surety® syringe 3ml slip, Surety® syringe 5ml slip

Size	Item no.	PU
27 G x 90mm	021155-27A	10
25 G x 90mm	021155-29A	10
24 G x 90mm	121155-30A	10
24 G x 120mm	041155-30A	10
22 G x 90mm	021155-30C	10



## Surety® SYRINGE (Slip)

Size	Item no.	PU
1 ml	SS001	100
3 ml	SS002	100
5 ml	SS005	100
10ml	SS010	100
20ml	SS020	100

## Surety® SYRINGE (Lock)

Size	Item no.	PU
1 ml	SL001	100
3 ml	SL002	100
5 ml	SL005	100
10 ml	SL010	100
20 ml	SL020	100
60 ml	SL060	50



## Surety® FILTER CANNULA (Blunt)

Size	Item no.	PU
18 G x 50mm	SNBF1850	100

## Surety® FILTER STRAW

Size	Item no.	PU
50mm	SFS050	100
100mm	SFS100	80

## Surety® ACCESSORIES

Description	Item no.	PU
Surety® Syringe Cap	SSC100	100
Surety® Cannula Hub Cap	SNC1	100
Surety® 3-way Stopcock	SSC001	25
Surety® 75cm PVC Extension Set	SSET075R	25
Surety® 125cm PVC Extension Set	SSET125R	25



## Quincke Surety®

Size	Item no.	PU
22 G x 35mm	1152-3E035	25
22 G x 70mm	1152-3E070	25
22 G x 90mm	1152-3E090	25
22 G x 120mm	1152-3E120	10

New sizes of SPROTTE® Surety® and Quincke Surety® Spinal cannulas will be added to the range—please visit [www.pajunk.com](http://www.pajunk.com) and search “Surety®” for updates.



## New connection, safe injection

# The Surety<sup>®</sup> system for more safety

The atraumatic SPROTTE<sup>®</sup> cannula from PAJUNK<sup>®</sup> has made a major contribution in the development of spinal anaesthesia in the UK for many years since its launch 30 years ago. With SPROTTE<sup>®</sup> Surety<sup>®</sup> PAJUNK<sup>®</sup> can now offer the system with as an absolute safe alternative to Luer connections. Syringes, Filter Cannulas, Filter Straws and the Spinal Cannulas are fitted with a new connection that is **not compatible** with the Luer system. Surety<sup>®</sup> components will simply not fit with Luer devices.

Naturally the Surety<sup>®</sup> design has the outstanding features of the acclaimed SPROTTE<sup>®</sup> cannula: The ogive-shaped tip geometry provides the cannula with atraumatic features. Thanks to the magnifier integrated in the hub, even the smallest quantities of cerebrospinal fluid are clearly visible. The ogive-shaped tip geometry provides the cannula with its atraumatic qualities. Thanks to the magnifying effect even the smallest quantities of cerebrospinal fluid are clearly visible.

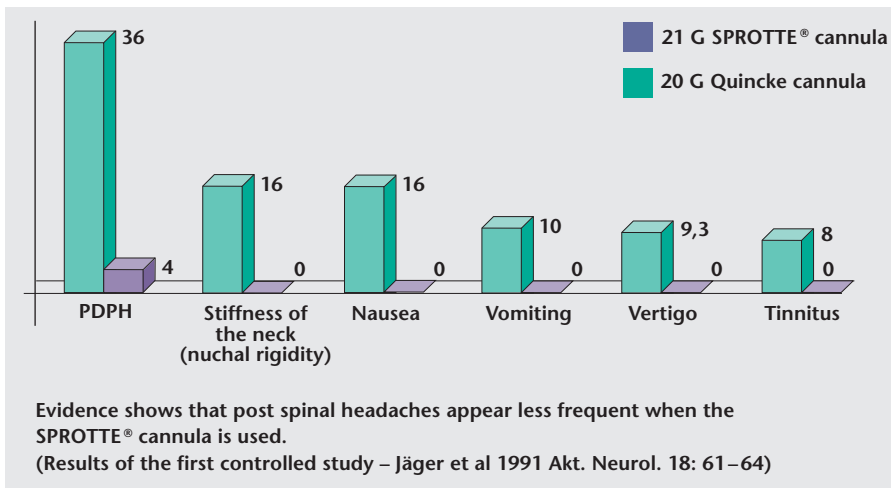
## Safe connection



### Safe and simple

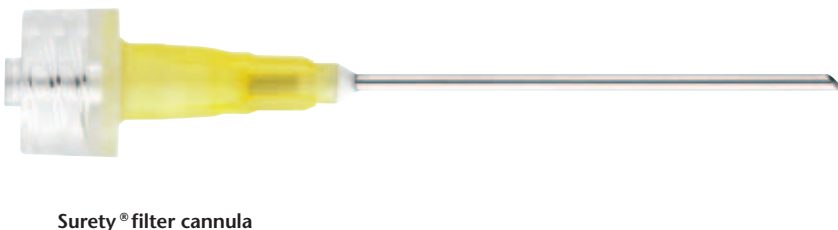
The Surety<sup>®</sup> system rules out connection to conventional Luer Lock and Luer Slip connections.

# Atraumatic Puncture



The effect of the atraumatic SPROTTE<sup>®</sup> tip is proven by several studies:

- ➔ Reduction of post spinal headache rate by a factor of 10
- ➔ Avoidance of:
  - nuchal rigidity
  - nausea and vomiting



Free flow of cerebrospinal fluid



Cannula hub with Magnifying effect

- ➔ Even the smallest amount of fluid is clearly identified through a viewing chamber in the cannula hub.



### Ogive-shaped tip geometry

➔ It displaces the tissue during the puncture process without injuring it. The multilayered texture of the dura consisting of collagen and elastic fibres will close again after the cannula is removed.

### Lateral eye with rounded edge

➔ This provides perfect and smooth gliding features and minimizes coring of tissue into the subaracnoid space.

### Polished stainless steel surface and inner lumen

➔ It guarantees optimal stability and reduces any surface roughness to a minimum. Therefore the SPROTTE® cannula can be positioned optimally and the CSF – reflux is optimized.



### Smooth inner lumen of the cannula

➔ It provides for maximum reduction in surface roughness and allows optimal reflux of cerebrospinal fluid.



### Lateral opening directly behind the tip

➔ This ensures an unhindered flow of cerebrospinal fluid even if the arachnoida may be partially blocking the opening.

### Free flow of cerebrospinal fluid

➔ Using the SPROTTE® cannula the time between puncturing the spinal space and injection of the anaesthetic is substantially reduced.

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