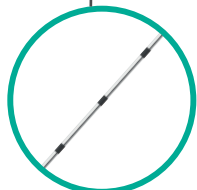


## IntraLong

Catheter Set for  
Continuous Spinal Anaesthesia

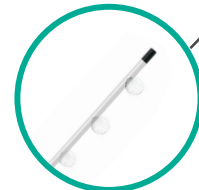
Continuous Spinal Anaesthesia is often used in orthopedics and for large-scale tumor operations. Pajunk offers a special ramped SPROTTE® needle that allows for a small size catheter placement through the needle into the intrathecal space. The sets include additional accessories like filter and dosing syringe.



### Depth Markings

Graduations on the first 30cm

- Easy determination of the catheter
- Easy to read and identify



### Catheter Options

- With central opening (27G)
- With closed tip and three lateral openings (25G)

### Sprotte Special Tip with Ramp

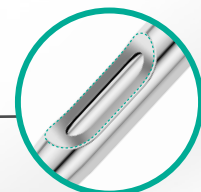
- Reduces the chance of shearing off catheter
- Easy catheter threading



### 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.

- Minimises chance of PDPH<sup>3</sup>
- Consistent tactile feedback



### Lateral Eye

Burr-free, rounded atraumatic edges

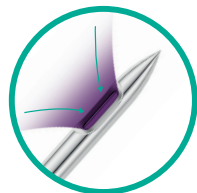
- Optimised gliding properties
- Minimum chance of tissue coring and carry-over into the subarachnoid space

1. Saenghirunvattana R. et al. A comparison study between newly-designed pencil-point and cutting needles in spinal anesthesia. J. Med. Assoc. Thai. 2008; 91 (Suppl 1): S156-161  
2. Armon C., Evans R. VV. 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  
3. Cesarini, M. et al. Sprotte needle for intrathecal anaesthesia for Caesarean section: incidence of postdural puncture headache., Anaesthesia 1990; 45: 646-658

# IntraLong

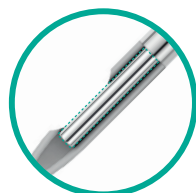
Catheter Set for  
Continuous Spinal Anaesthesia

## Further Features



### Optimal Lateral Eye Size and Placement

- Unobstructed backflow, even if the eye is partially blocked by the arachnoid membrane
- Allows for quicker CSF flashback<sup>1</sup>



### Precision-Ground Metal Stylet

- Lateral eye closes precisely to minimise chance of tissue coring<sup>2</sup>
- Polished, rounded tip prevents abrasion on the inner needle tube



### Standard Hub

- Designed for rapid detection of even the smallest quantities of CSF
- Reduced inner space



### Highest Processing Quality

- High quality stainless steel needle for increased stability
- Smoothly polished and burr-free surface and inner lumen designed for optimised gliding properties and CSF back flow
- Consistent feel and reliable performance

IntraLong  
with Filter and  
Clamping Adapter

| SPROTTE® SPECIAL<br>Needle Size | Catheter            | Item no.      | NRFit® Item no. | PU |
|---------------------------------|---------------------|---------------|-----------------|----|
| 22G x 90mm (3 1/2")             | 27G x 90cm (35") *  | 21151-30CS    | 22161-30CS      | 10 |
| 22G x 90mm (3 1/2")             | 27G x 90cm (35") *  | 31151-30CS*** |                 | 10 |
| 22G x 103mm (4")                | 27G x 90cm (35") *  | 21151-30CL    |                 | 10 |
| 21G x 90mm (3 1/2")             | 25G x 90cm (35") ** | 31151-30GS*** | 22161-30GS*     | 10 |

\* with central opening

\*\* with closed tip and three lateral openings

\*\*\* with 1ml Luer Syringe

NRFit® is a registered trademark of GEDSA used with their permission.

PAJUNK® GmbH Medizintechnologie  
Global Headquarters  
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  
Karl-Hall-Straße 1  
78187 Geisingen, Germany  
Tel.: +49 7704 8008-0  
Fax: +49 7704 8008-150  
info@pajunk-medipro.com  
pajunk.com

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 C1 The Waterfront  
Goldcrest Way, Newburn Riverside  
Newcastle upon Tyne, NE15 8NY, UK  
Tel.: +44 191 264 7333  
info@pajunk.co.uk  
pajunk.co.uk