SPROTTE®
Needles for Atraumatic Spinal Anaesthesia

MADE IN GERMANY
The Pioneer of Atraumatic Dural Puncture

With the introduction of the first atraumatic Sprotte needle at the end of the 1970s, spinal anaesthesia was rehabilitated as a fully accepted alternative to general anaesthesia. A unique tip design is the secret of its success. Sprotte’s atraumatic puncture and optimal gliding properties minimise possible injuries and prevent foreign bodies and tissue particles from being carried into the subarachnoid space, while reducing the incidence of post-dural puncture headache (PDPH).

**Available Options**

**Magnifying Hub**
Clear, magnifying needle hub allows for easy visualisation of blood or CSF and easier detection of CSF flashback.

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

**Colour-Coded Needle Hub with Size Indication**
- Easy identification of needle size

**Introducer with Facet Tip**
- Diameter and length perfectly matched to each spinal needle size
- Minimal reduction of useable working length of the spinal needle
- Funnel-shaped hub to reduce chance of spinal needle tip damage during insertion

**Portfolio Excellence**
- Wide needle range with different diameters and lengths
- Special designs for pediatrics and obese patients
**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 backflow
- Consistent feel and reliable performance

**Optimal Lateral Eye Size and Placement**

- Unobstructed backflow, even if the eye is partially blocked by the arachnoid membrane
- Allows for quicker CSF flashback¹

**Lateral Eye**

- Burr-free, rounded atraumatic edges
- Optimised gliding properties
- Minimum chance of tissue coring and carry-over into the subarachnoid space

**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 PDPH³
- Consistent tactile feedback

**Precision-Ground Metal Stylet**

- Lateral eye closes precisely to minimise chance of tissue coring²
- Polished, rounded tip prevents abrasion on the inner needle tube

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### Sprotte Needle

<table>
<thead>
<tr>
<th>Size</th>
<th>Introducer</th>
<th>Item no. Standard</th>
<th>Item no. Magnifying hub</th>
<th>NRFit Item no. Magnifying hub</th>
<th>PU</th>
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<tbody>
<tr>
<td>27G x 35 mm [1 1/3&quot;]</td>
<td>111151-27A</td>
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<tr>
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### Sprotte introducer

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*NRFit* Sets include a filter Needle NRFit 18G x 50 mm, Syringe NRFit Slip, Syringe NRFit Slip 5 ml Slip

*Sprotte* needle is a registered trademark of GEDSA used with their permission.

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