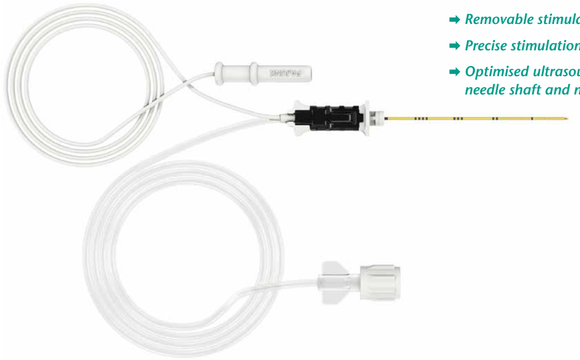
Your choice

Dual Guidance or Ultrasound Guidance

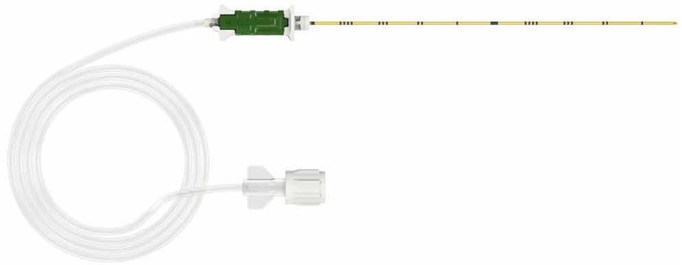
SonoPlex II

- ➡ *Stimulation and ultrasound guidance*
- ➡ *Removable stimulation cable*
- ➡ *Precise stimulation*
- ➡ *Optimised ultrasound visibility of needle shaft and needle tip*



SonoBlock II

- ➡ *Ultrasound guidance only*
- ➡ *Optimised ultrasound visibility of needle shaft and needle tip*



Also available in NRFit®

Studies

- **Abbal B., Choquet O., Gourari A., Bouic N., Massone A., Biboulet P., Bringuier S., Capdevila X.** Enhanced visual acuity with echogenic needles in ultrasound-guided axillary brachial plexus block, Minerva Anestesiol. 2015 April; 81(4): 369–378
- **Edgcombe H., Hocking G.** Sonographic identification of needle tip by specialists and novices: a blinded comparison of 5 regional block needles in fresh human cadavers, Reg. Anesth. Pain Med. 2010 March–April; 35(2): 207–211
- **Fuzier R., Casalprim J., Bataille B., Harper I., Magues J.P.** The ecohogenicity of nerve blockade needles, Anesth. 2015; 70: 462–466
- **Hebard S., Hocking G., Murray K.** Two-dimensional mapping to assess direction and magnitude of needle tip error in ultrasound-guided regional anaesthesia, Anaesth. Intensive Care 2011; 39(6): 1076–1081
- **Hocking G. Mitchell C.** Optimizing the safety and practice of ultrasound-guided regional anesthesia: the role of echogenic technology, Curr. Opin. Anaesthesiol. 2012 Oct; 25(5): 603–609
- **Sviggum H. P., Ahn K., Dilger J. A., Smith H. M.** Needle echogenicity in sonographically guided regional anesthesia: blinded comparison of 4 enhanced needles and validation of visual criteria for evaluation, J. Ultrasound Med. 2013 Jan; 32(1): 143–148

SonoPlex II

Size	Luer Item no.	NRFit Item no.	PU
Facet Tip			
24G x 30 mm	001285-75	001265-75	10
22G x 40 mm	001285-70	001265-70	10
22G x 50 mm	001285-74	001265-74	10
22G x 80 mm	001285-71	001265-71	10
21G x 100 mm	001285-77	001265-77	10
20G x 100 mm	001285-95		10
20G x 120 mm	001285-72	001265-72	10
20G x 150 mm	001285-76	001265-76	10
Facet S Tip			
22G x 40 mm	001287-70	001267-70	10
22G x 50 mm	001287-74	001267-74	10
22G x 80 mm	001287-71	001267-71	10
21G x 100 mm	001287-77	001267-77	10
20G x 100 mm	001287-95		10
20G x 120 mm	001287-72	001267-72	10
20G x 150 mm	001287-76	001267-76	10
Sprotte Tip			
22G x 50 mm	001285-31G	001265-31G	10
22G x 90 mm	001285-31J	001265-31J	10

SonoBlock II

Size	Luer Item no.	NRFit Item no.	PU
Facet Tip			
22G x 50 mm	001280-74	001260-74	10
22G x 80 mm	001280-71	001260-71	10
22G x 120 mm	001280-72		10
21G x 100 mm	001280-77		10
20G x 100 mm	001280-95		10
Facet S Tip			
22G x 40 mm	001281-70		10
22G x 50 mm	001281-74		10
22G x 80 mm	001281-71		10
21G x 100 mm	001281-77		10
20G x 100 mm	001281-95		10
20G x 120 mm	001281-72		10

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PAJUNK®

SonoPlex II / SonoBlock II

Echogenic Single Shot Needles for Nerve Blocks

NEW

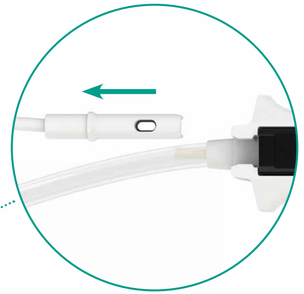
SonoPlex II and SonoBlock II

The Echogenic Needle with a New Hub

The patented Cornerstone Technology allowed Pajunk to become the global leader in echogenic needles for nerve blocks. The new generation of sono needles combines the proven needle shaft and needle tip visibility with a new optimised needle hub.

SonoPlex II

Ultrasound and stimulation guided procedures (Dual Guidance)



Removable Stimulation Cable NEW

- *Easy removal of stimulation cable while keeping the system sterile*
- *Allows for more flexibility to match user preferences*

360° Depth Markings

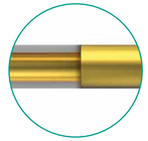
Non-removable Injection Tubing NEW

- *Closed system*
- *No leakage*

Colour-Coded Needle Hub NEW

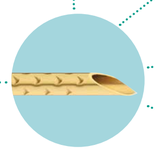
- *Easy identification of needle size*

Interior and exterior NanoLine coating

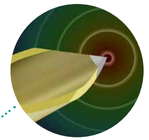


NanoLine Coating
Very thin polymer film, smooth surface, accurate inner and outer diameter

- *Excellent puncture and gliding properties*
- *Improves visibility under ultrasound*



Facet grinding



Precise Stimulation
(SonoPlex II only)

- *Stimulates exclusively through the non-insulated pin-point tip generating a precise electric field*

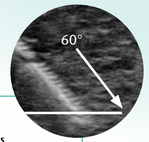
Echogenic Needle Tip
The facet grinding with two inclination angles improves needle tip visibility under ultrasound

+

Echogenic Needle Shaft with Cornerstone Reflectors
3D Cornerstone Reflectors

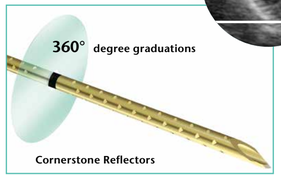
SonoBlock II

Ultrasound guided procedures



Optimised Ultrasound Visibility of Needle Shaft and Needle Tip

- *360° graduations on the first 20 mm of the needle*
- *Reliable needle visualisation at any angle*



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