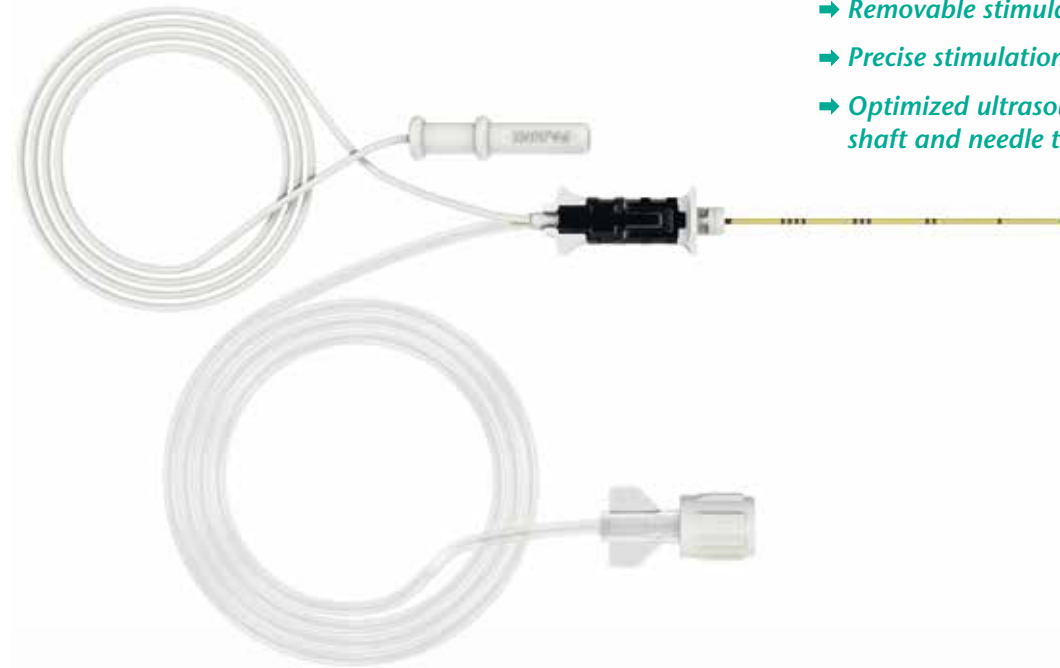


Your choice

## Dual Guidance or Ultrasound Guidance

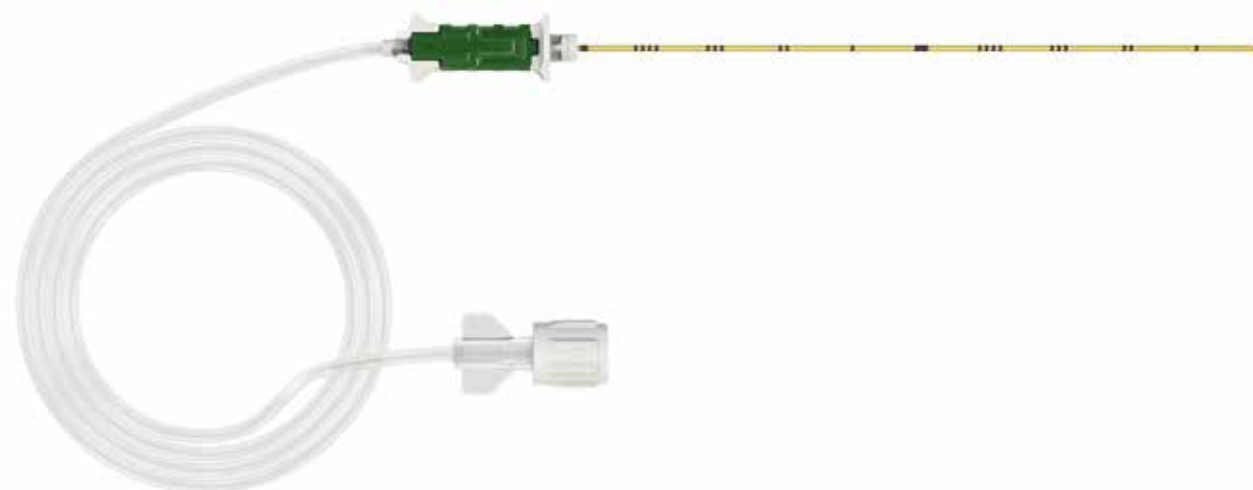
### SonoPlex II

- Stimulation and ultrasound guidance
- Removable stimulation cable
- Precise stimulation
- Optimized ultrasound visibility of needle shaft and needle tip



### SonoBlock II

- Ultrasound guidance only
- Optimized ultrasound visibility of needle shaft and needle tip



## 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 Anesthesiol.* 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 echogenicity 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

Echogenic, stimulating needle

Size	Item no.	PU
22G x 1 5/8" (40mm) with Facet S Tip	001287-70	10
22G x 2" (50mm) with Facet S Tip	001287-74	10
22G x 3 1/4" (80mm) with Facet S Tip	001287-71	10
21G x 4" (100mm) with Facet S Tip	001287-77	10
20G x 4" (100mm) with Facet S Tip	001287-95	10
20G x 4 3/4" (120mm) with Facet S Tip	001287-72	10
20G x 6" (150mm) with Facet S Tip	001287-76	10
22G x 1 5/8" (40mm) with Facet Tip	001285-70	10
22G x 2" (50mm) with Facet Tip	001285-74	10
22G x 3 1/4" (80mm) with Facet Tip	001285-71	10
21G x 4" (100mm) with Facet Tip	001185-77	10
20G x 4" (100mm) with Facet Tip	001285-95	10
20G x 4 3/4" (120mm) with Facet Tip	001285-72	10

#### SonoBlock II

Echogenic, non-stimulating needle

Size	Item no.	PU
22G x 1 5/8" (40mm) with Facet S Tip	001281-70	10
22G x 2" (50mm) with Facet S Tip	001281-74	10
22G x 3 1/4" (80mm) with Facet S Tip	001281-71	10
21G x 4" (100mm) with Facet S Tip	001281-77	10
20G x 4 3/4" (120mm) with Facet S Tip	001281-72	10
22G x 2" (50mm) with Facet Tip	001280-74	10
22G x 3 1/4" (80mm) with Facet Tip	001280-71	10
21G x 4" (100mm) with Facet Tip	001280-77	10
20G x 4 3/4" (120mm) with Facet Tip	001280-72	10

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 6611 Bay Circle, Suite 140  
 Norcross, Georgia 30071  
 Toll Free: 1.888.9PAJUNK (72.5865)  
 Phone: 770.493.6832  
 Fax: 678.514.3388  
 E-mail: info@pajunk-usa.com  
 Web: www.pajunkusa.com

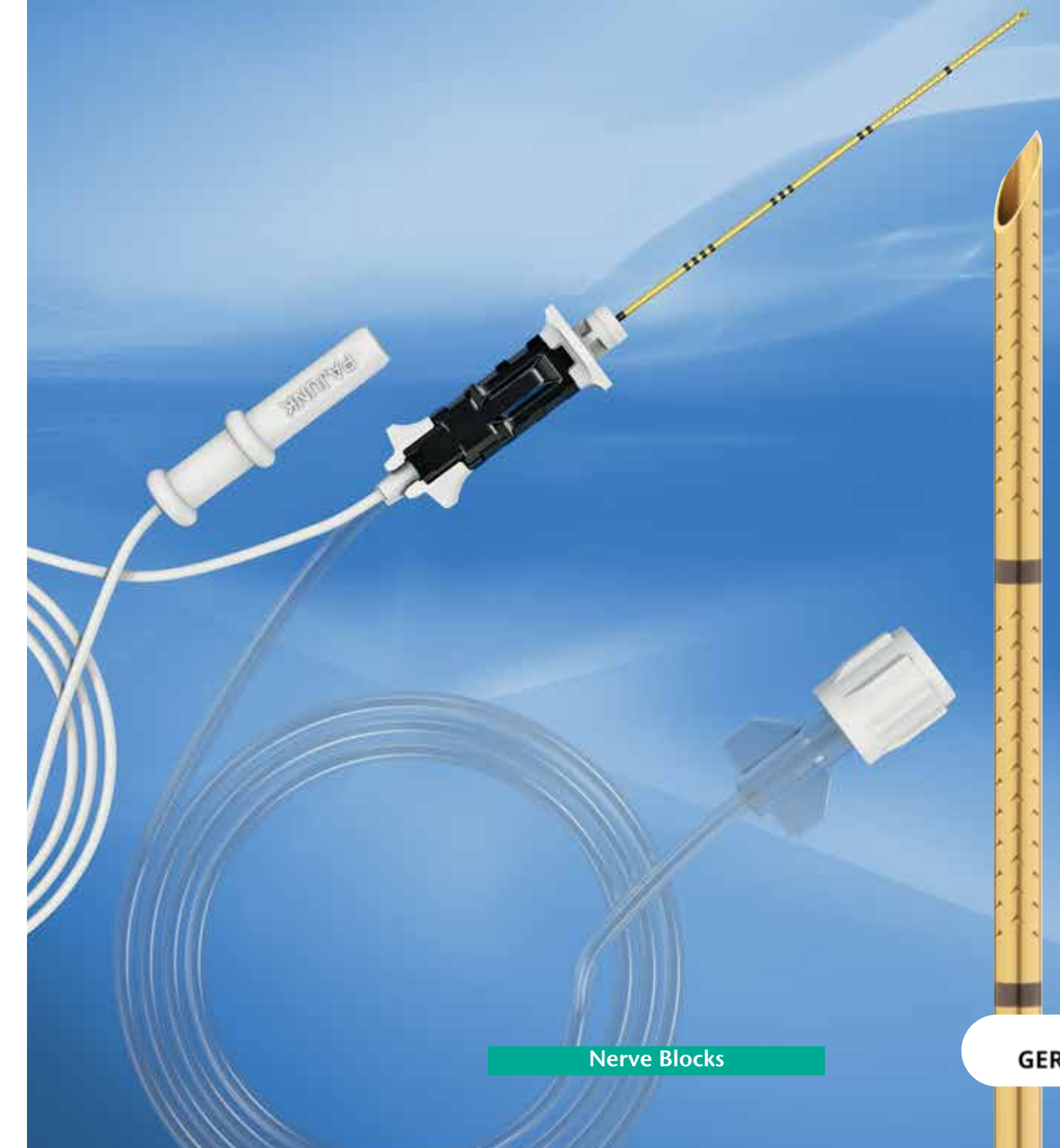
RAN-02 06/18

PAJUNK®

NEW  
PRODUCT  
INSIDE

## SonoPlex II / SonoBlock II

Echogenic Single Shot Needles  
for Nerve Blocks



Nerve Blocks

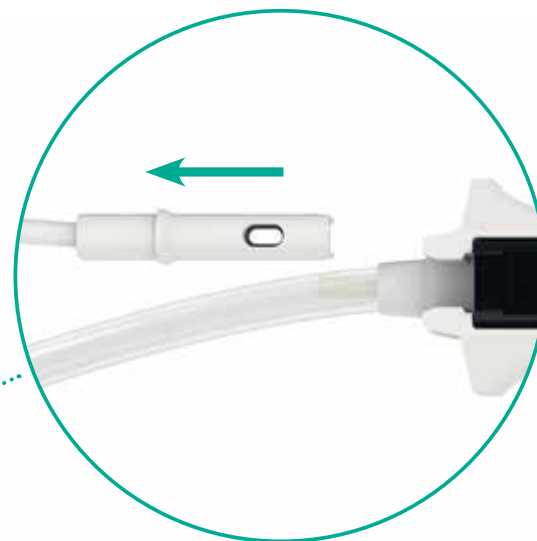
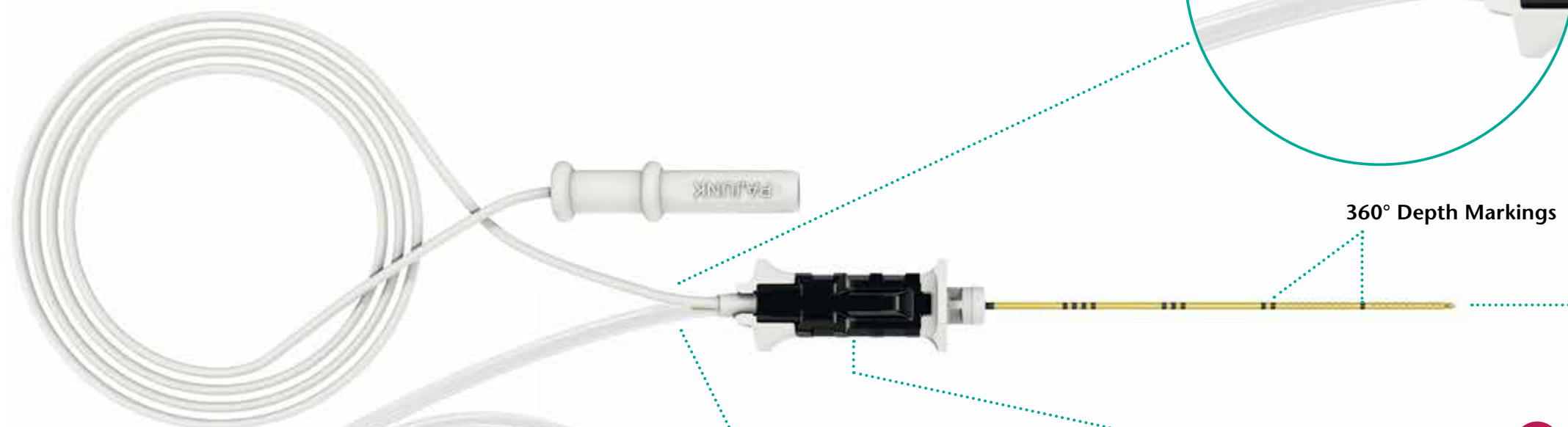
Made in GERMANY

## SonoPlex II and SonoBlock II

# The Echogenic Needle with an Improved Hub

The patented Cornerstone Technology allowed PAJUNK® to become the global leader in echogenic needles for nerve blocks. The next generation of Sono needles combines the proven needle shaft and needle tip visibility with a new optimized needle hub.

### SonoPlex II Ultrasound and Stimulation Guided Procedures (Dual Guidance)



#### Removable Stimulation Cable

- Easy removal of stimulation cable
- Allows for more flexibility to match user preferences

NEW

#### Fixed Injection Tubing

- Closed system
- No leakage

NEW

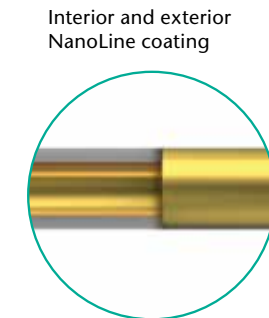
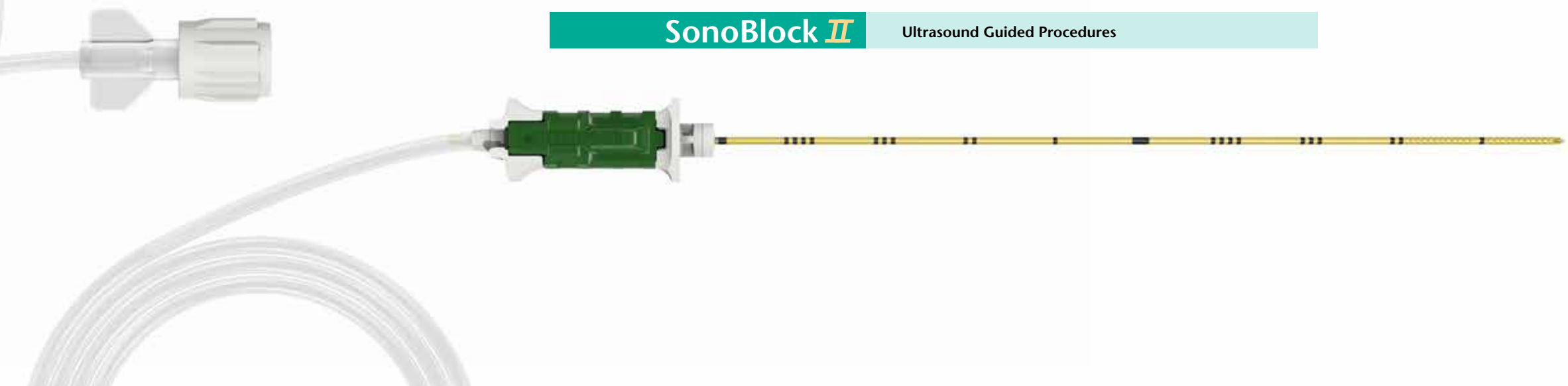
#### Color Coded Needle Hub

- Easy identification of needle size

NEW

360° Depth Markings

### SonoBlock II Ultrasound Guided Procedures

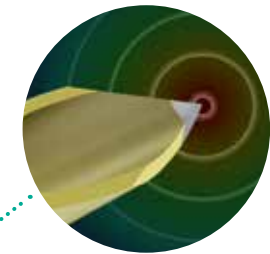


Interior and exterior NanoLine coating

#### NanoLine Coating

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

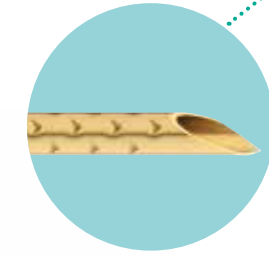
- Excellent puncture and gliding properties
- Improves visibility under ultrasound



#### Precise Stimulation (SonoPlex II only)

(SonoPlex II only)

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

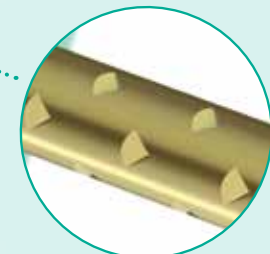


Facet tip



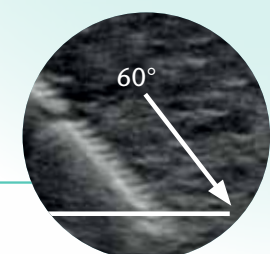
#### Echogenic Needle Tip

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



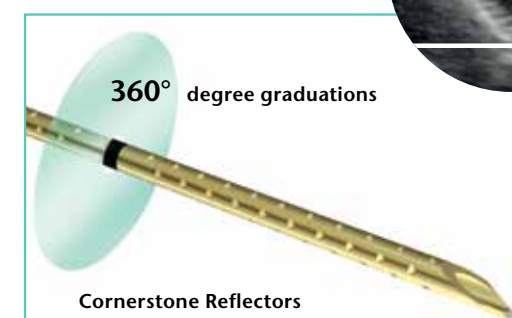
#### Echogenic Needle Shaft

The patented Cornerstone Reflectors are designed for best ultrasound reflection



#### Optimized Ultrasound Visibility of Needle Shaft and Needle Tip

- 360° graduations on the first 20 mm of the needle
- Graduations starting right after the needle tip for improved safety
- Reliable needle visualization at any angle



360° degree graduations

Cornerstone Reflectors