

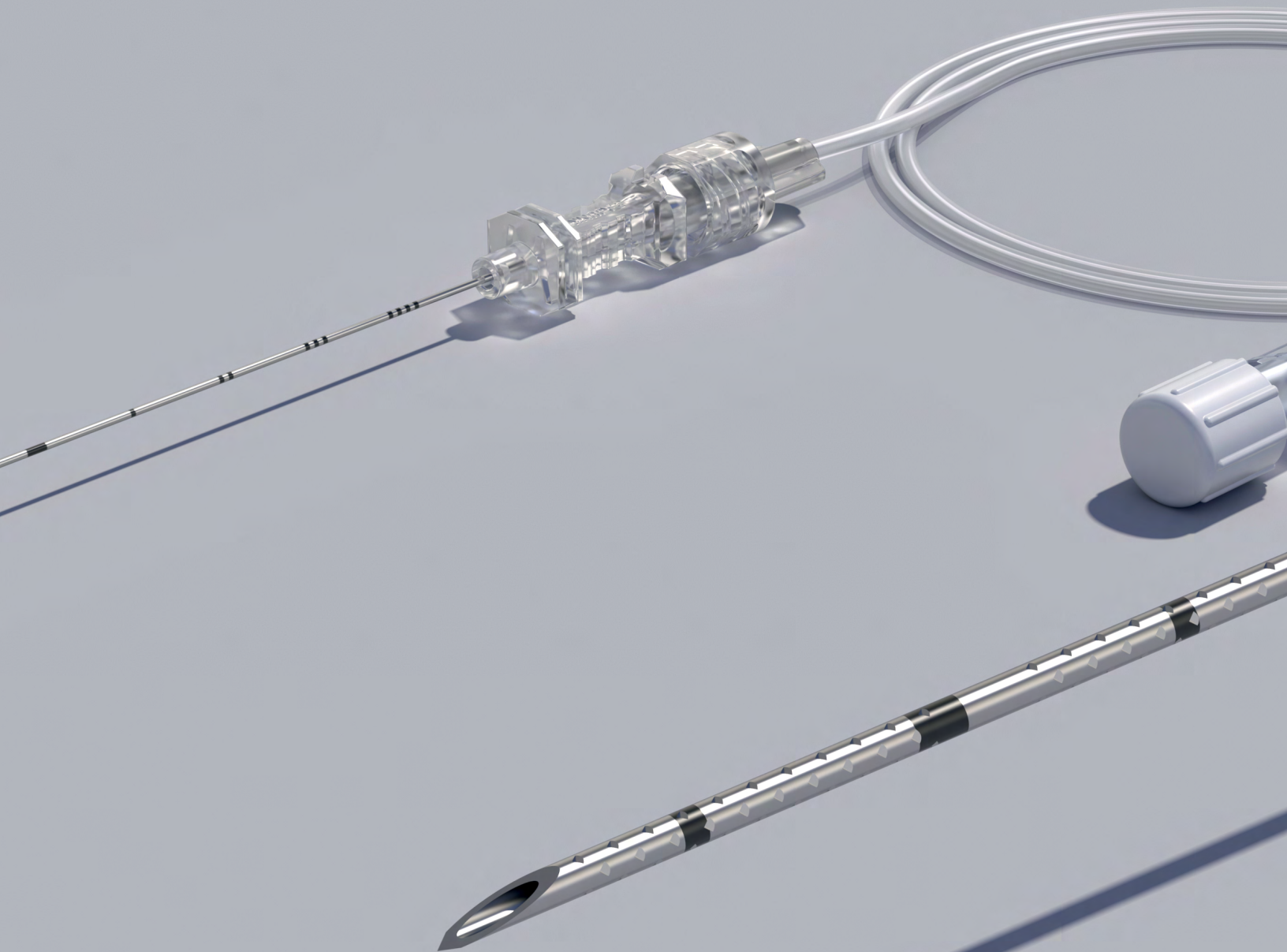
# PAJUNK®



REGIONAL ANESTHESIA  
& PAIN MANAGEMENT

## SonoMSK

*Needles for  
Ultrasound-Guided Injections*



MADE IN GERMANY 

# Sharp, Echogenic MSK and Chronic Pain Injection Needle

The optimized echogenic properties of the SonoMSK allow for precise real-time tracking of the puncture and injection process and minimize the risk of intravascular injections, while improving patient outcomes.<sup>1,2</sup>

The extra sharp bevel of the SonoMSK meets the specific requirements of musculoskeletal and chronic pain injections, reducing the pain during puncture and needle placement. Combined with a more stable needle shaft, SonoMSK also improves maneuverability.

→ SonoMSK is the perfect tool for all ultrasound-guided musculoskeletal steroid/anesthetic injections.



## BENEFITS

### Benefits of Ultrasound-Guided Injections vs Landmark Technique, Fluoroscopy or CT-Guidance

- ▶ Higher first attempt rate<sup>6</sup>
- ▶ Less time-consuming<sup>6</sup>
- ▶ Less patient discomfort<sup>6</sup>
- ▶ Reduced treatment costs<sup>6,7</sup>
- ▶ No risk of radiation exposure for healthcare providers and patients
- ▶ Improved accuracy of needle placement resulting in better outcome<sup>7,8,9</sup>

### Pre-attached, Removable Injection Tubing

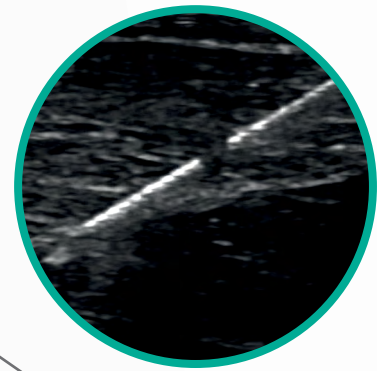
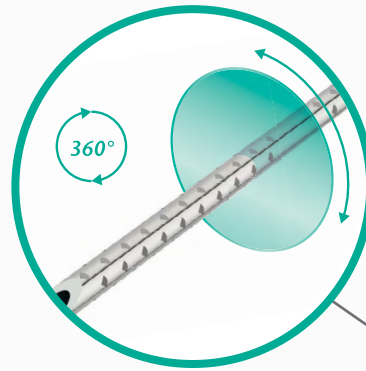
- Convenience
- Cost-savings
- Detachable, for more flexibility



## Cornerstone Reflectors

360 degree graduations on the first 20 mm of the needle

- Optimized ultrasound visibility of needle shaft<sup>3</sup>
- Reliable and optimized needle visualization at any angle<sup>4,5</sup>

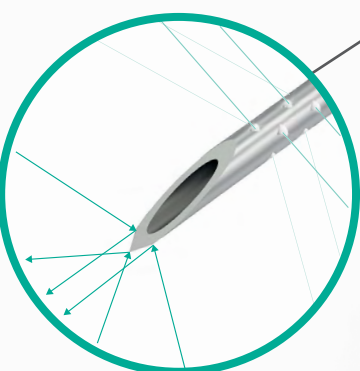


## Depth Markings

- Easy-to-read and identify

## Sharp Back-Cut Bevel

- Reduced pain during puncture and needle placement
- Easier and more precise needle maneuverability
- Smooth gliding properties



Facet tip

Highest  
Processing  
Quality

## Highest Processing Quality

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

## Echogenic Needle Tip

- Improved needle tip visibility under ultrasound

1. Uppal V, Sondekoppam R. V., Ganapathy S. Effect of beam steering on the visibility of echogenic and non-echogenic needles: a laboratory study, *Can. J. Anesth.* 2014 Oct; 61 (10): 909-915  
2. Wiesmann T, Bornträger A, Zoremba M, Neff M, Wulf H, Steinfeldt T. Compound imaging technology and echogenic needle design: effects on needle visibility and tissue imaging, *Reg. Anesth. Pain Med.* 2013 Sep-Oct; 38(5): 452-455  
3. Fuzier R. et al. The echogenicity of nerve blockade needles, *Anesth.* 2015; 70: 462-466  
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5. Hebard S., Hocking G. Echogenic technology can improve needle visibility during ultrasound-guided regional anesthesia, *Reg. Anesth. Pain Med.* 2011 March-April; 36(2): 185-189  
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## SonoMSK

### SonoMSK

with Cornerstone Reflectors,  
sharp back cut bevel,  
depth markings, with  
pre-attached & removable  
injection tubing

Size	Item no.	PU
27G x 37 mm (1 1/3")	1191-4B037	10
27G x 50 mm (2")	1191-4B050	10
25G x 37 mm (1 1/3")	1191-4C037	10
25G x 50 mm (2")	1191-4C050	10
25G x 70 mm (2 3/4")	1191-4C070	10
25G x 90 mm (3 1/2")	1191-4C090	10
22G x 25 mm (1")	1191-4E025	10
22G x 40 mm (1 5/8")	1191-4E040	10
22G x 70 mm (2 3/4")	1191-4E070	10
22G x 90 mm (3 1/2")	1191-4E090	10
22G x 100 mm (4")	1191-4E100	10
22G x 120 mm (4 3/4")	1191-4E120	10
22G x 150 mm (6")	1191-4E150	10



**Scan now!**

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