

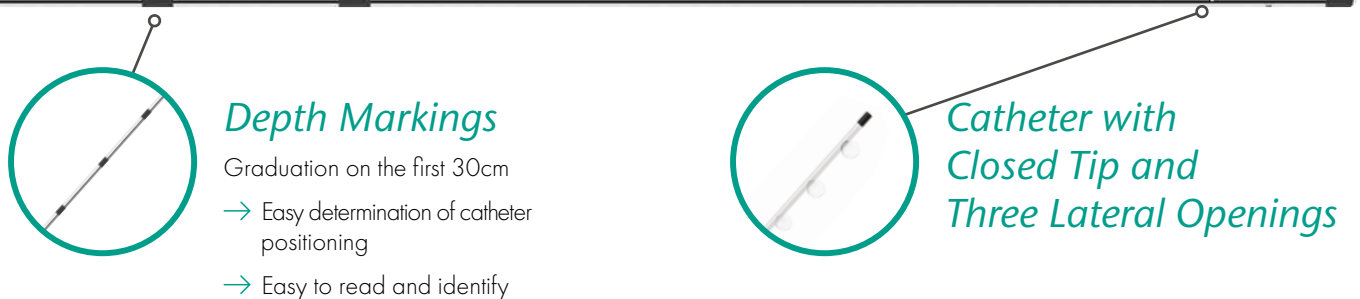
## Rectus Sheath Products

Catheter System for Continuous Techniques  
and Single Shot Needles

Rectus sheath blocks have been in use for years. First abdominal field blocks were described in 1899 by Schleich<sup>1</sup>. With the introduction of ultrasound into Regional Anaesthesia, many new fascial plane blocks have been introduced, including the rectus sheath block, allowing for improved post-op pain management in abdominal surgeries.

PAJUNK® offers continuous sets with Tuohy and single shot needles including TuohySono, the ultrasound visible needles.

### Continuous Sets with Tuohy and Standard Catheter



Rectus Sheath Kit	Tuohy with plastic stylet	Catheter with closed tip and three lateral openings	Item no.	NRFit® Item no.	PU
2 x Clamping Adaptors 1 x Y connector 1 x Filter 2 x (Rectus Sheath) labels –Yellow- 2 x FixoCath 1 x FixoLong 1 x Luer/NRFit Cap White	16G x 80mm (3 1/5")	19G x 50cm (20")	0731153-49	0731163-49	10



<sup>1</sup> Schleich CL. Schmerzlose Operation. Berlin: Springer, 1899:240-1.  
<sup>2</sup> Sandeman DJ, Dilley AV. Ultrasound-guided rectus sheath block and catheter placement. ANZ Journal of Surgery 2008; 78: 621-3.  
<sup>3</sup> Cornish P, Deacon A. Rectus sheath catheters for continuous analgesia after upper abdominal surgery. ANZ Journal of Surgery 2007; 77: 84.  
<sup>4</sup> Webster, K., Hubble, S., Rectus sheath analgesia in intensive care patients: technique description and case series. Anaesthesia and Intensive Care 2009; 37: 855.  
<sup>5</sup> Webster, K. Ultrasound guided rectus sheath block - analgesia for abdominal surgery. Update in Anaesthesia 2010; 26: 126 Peng Ultrasound-Guided Interventional...2013, 38 (4): 27.  
<sup>6</sup> 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.  
<sup>7</sup> Fuzier R. et al. The echogenicity of nerve blockade needles. Anesth. 2015; 70: 462-466.  
<sup>8</sup> Uppal V. et al. 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.

# Rectus Sheath Products

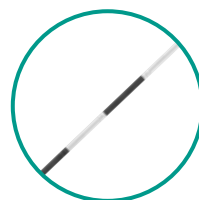
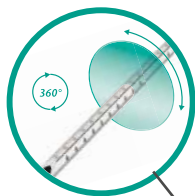
Catheter System for Continuous Techniques  
and Single Shot Needles

## Single Shot Needles, TuohySono

### Cornerstone Reflectors

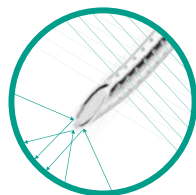
360 degree graduations on the first 20mm of the needle

- Optimised ultrasound visibility of needle shaft and needle tip<sup>7</sup>
- Reliable and optimised needle visualisation at any angle<sup>6,8</sup>



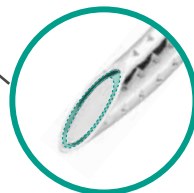
### Depth Markings

→ Easy to read and identify



### Echogenic Needle Tip

- Improved needle tip visibility under ultrasound



### Precision-Ground Metal Stylet

- Flush ends of metal stylet and needle reduce the risk of tissue displacement
- Increased needle stability

## TuohySono

with metal stylet and detachable plastic wings

Size	Item no.	PU
21G x 90mm (3 1/2")	1085-4F090	25
18G x 50mm (2")	1085-4K050	25
18G x 90mm (3 1/2")	1085-4K090	25
18G x 120mm (4 3/4")	1085-4K120	10
17G x 90mm (3 1/2")	1085-4M090	25

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