

PAJUNK®

Real People. Real Care.





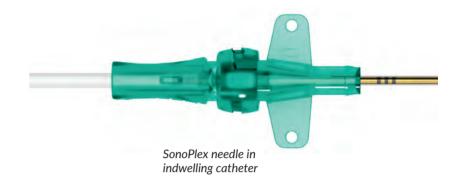
Made in Germany

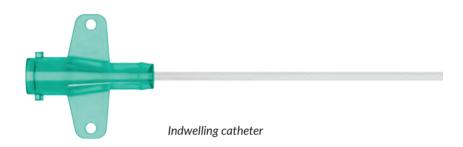
E-Cath® System

Quite Simple: Catheter Over Needle (CON) Technique in Three Steps

The E-Cath®/E-Cath® Plus system was developed in collaboration with Dr Ban Tsui. It makes the CON Technique as simple as a Single Shot Technique. The CON Technique can offer increased added value, especially for the training of young anesthetists and for hospitals that do not work with continuous nerve blocks on a daily basis.

The new E-Cat II/E-Cath II Plus combines the best of clinical experience and the latest technical expertise.







E-Cath in indwelling catheter

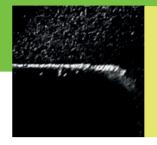
^{1.} Ip V. H. Y. et al. (2021). How I Do It: Technical report on surgically-initiated rectus sheath catheter using catheter-over-needle assembly. The Canadian Journal of Urology, 28 (5): 10871–10873.

2. Ip V. H. Y. et al. (2013). The catheter-over-needle assembly offers greater stability and less leakage compared to the traditional counterpart in continuous interscalene nerve blocks: a randomized, patient-blinded study. Can. J. Anesth., 60: 1272–1273.



"The self priming system improves the ultrasound visibility of the needle shaft, needle tip, indwelling catheter and E-Cath."

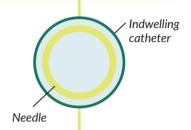
Florian Weck, R&D Manager Cannula- and Cathetersystems



Self Priming System

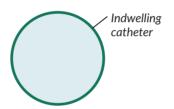
Ultrasound visibility of SonoPlex needle in indwelling catheter

1. Placing the indwelling catheter using the SonoPlex needle



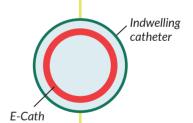
2. Removing the needle

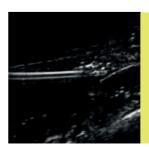
- The indwelling catheter seals the puncture site.
- » Tissue tension is maintained.
- The risk of leakage¹ and dislocation² is reduced.



» Improved ultrasound visibility of the needle shaft, needle tip, indwelling catheter and E-Cath.

- 3. Placing the E-Cath using an indwelling catheter
- The dual catheters increase kink stability.



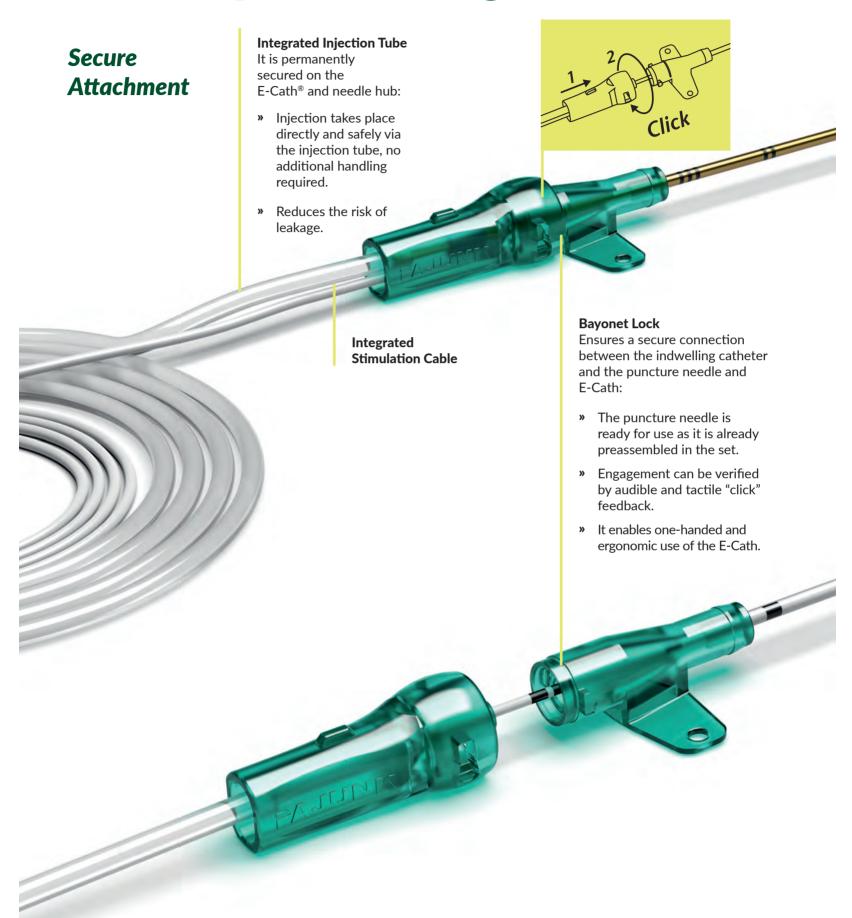


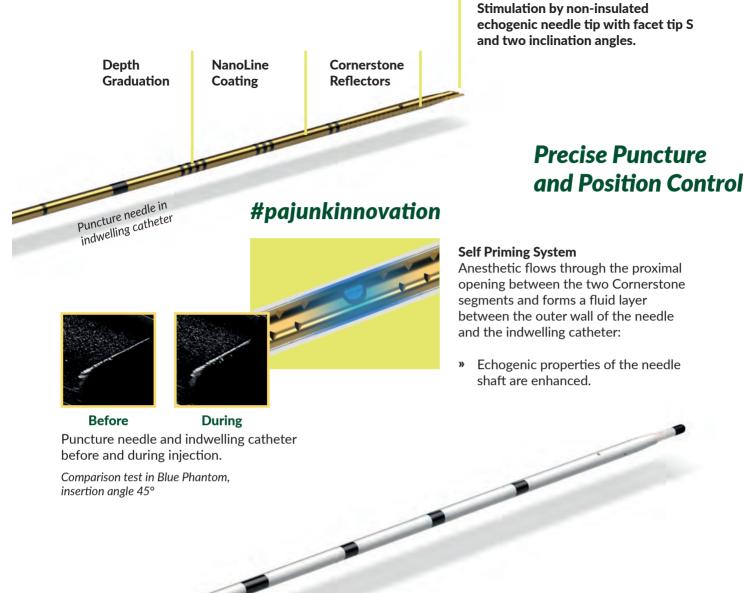
Self Priming System

Ultrasound visibility of E-Cath in indwelling catheter

Puncture and Catheter Placement

As Simple as a Single Shot



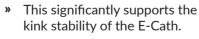


Reduced Risk of Leakage and Dislodgement

Sealed Puncture Site

The puncture site is sealed by the indwelling catheter as it has a larger outer diameter than the puncture needle:

- » After removal of the puncture needle, the tension in the tissue is maintained.
- The risk of leakage¹ and dislodgement² is reduced.



Together with the indwelling catheter, the E-Cath forms a stable and safe

Two Catheter Layers

double lumen:

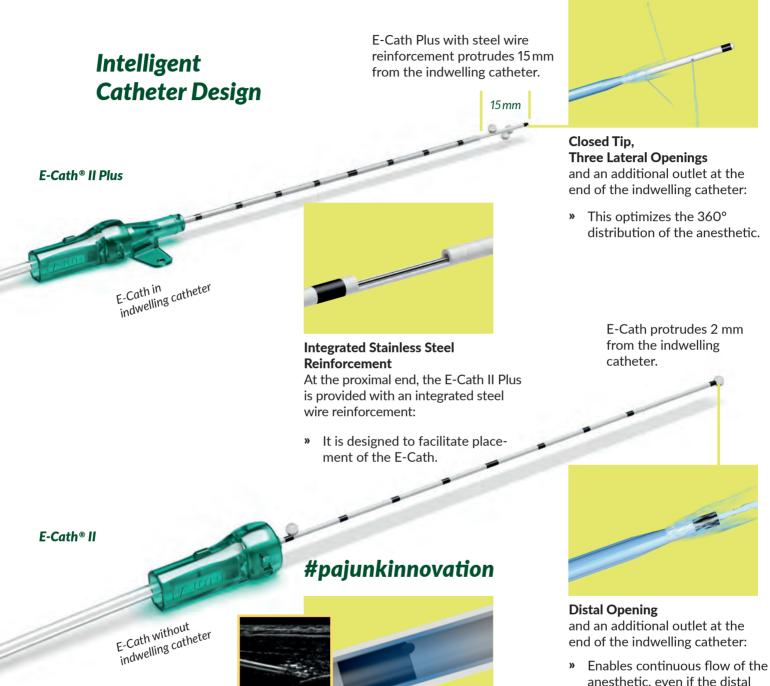
E-Cath in indwelling catheter

Contributes to a uniform flow of the anesthetic.



E-Cath® II / E-Cath® II Plus with Indwelling Catheter

A Double Lumen That **Has What It Takes**



Self Priming System

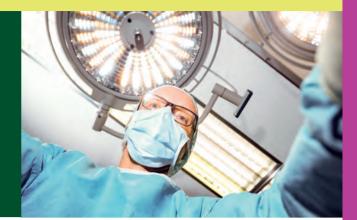
As a result of the proximal opening, anesthetic also flows between the outer wall of the E-Cath and the inner wall of the indwelling catheter during injection:

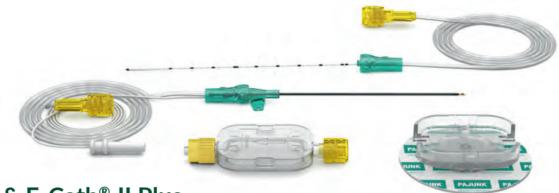
This is designed to minimize artifacts and to improve ultrasound visibility.

- anesthetic, even if the distal opening is blocked.
- This optimizes the 360° distribution of the anesthetic.

Simplifies Block Extension, Reduces the Risk of Dislodgement:

- The E-Cath is firmly connected to the indwelling catheter and therefore cannot migrate.
- Position control is possible at any time by ultrasound.
- Thanks to its extended tip and the three lateral openings, the E-Cath II Plus can compensate for minor tissue movements.





E-Cath® II & E-Cath® II Plus

E-Cath® II Needle with Cornerstone reflectors (20G) with facet tip S, indwelling catheter (18G) and E-Cath (20G)

Indwelling catheter	Working length: Indwelling catheter + E-Cath II	Item no.	NRFit® Item no.	PU	FixoLong + Filter	FixoCath
18G x 50 mm (2")	52 mm	301185-40E	301165-40E	10	•	
18G x 50 mm (2")	52 mm	301285-40E	301265-40E	10		•
18G x 80 mm (3 1/4")	82 mm	311185-40E	311165-40E	10	•	
18G x 80 mm (3 1/4")	82 mm	311285-40E	311265-40E	10		•
18G x 100 mm (4")	102 mm	361185-40E		10	•	
18G x 100 mm (4")	102 mm	361285-40E		10		•
18G x 130 mm (5 2/5")	132 mm	351185-40E		10	•	
18G x 130 mm (5 2/5")	132 mm	351285-40E		10		•
18G x 150 mm (6")	152 mm	371285-40E		10		•

E-Cath® II Plus

Needle with Cornerstone reflectors (20G) with facet tip S, indwelling catheter (18G) and E-Cath (20G) with stainless steel reinforcement at proximal end, protruding 15 mm from indwelling catheter

Indwelling catheter	Working length: Indwelling catheter + E-Cath II Plus	Item no.	NRFit Item no.	PU	FixoLong + Filter	FixoCath
18G x 50 mm (2")	65 mm	301185-41E	301165-41E	10	•	
18G x 50 mm (2")	65 mm	301285-41E		10		•
18G x 80 mm (3 1/5")	95 mm	311185-41E	311165-41E	10	•	
18G x 80 mm (3 1/5")	95 mm	311285-41E		10		•
18G x 100 mm (4")	115 mm	361285-41E		10	•	

NRFit is a registered trademark of GEDSA, used with their permission.









More Information on E-Cath® II / E-Cath® II Plus

Not all devices are registered and approved for sale in all countries or regions. Even the instructions for use may differ depending on the country or region. Please contact our representative in your country to get information on the availability of the devices.

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