

EUS

DIAGNOSIS AND TREATMENT

**FNB AND FNA NEEDLES
NOW WITH OPTIMIZED
PROPERTIES**



EUS-FNB TRIDENT™ NEEDLE FOR HISTOLOGICAL TISSUE STRUCTURE

- The stylet can be securely attached to the Luer lock attachment. The grid spacing has been reduced from 2.5 to 1 mm so that the penetration depth of the needle can be tuned more precisely.
- Designed for cases where cytology is insufficient and histological tissue structures are required.
- Co-Cr alloy needle utilized for enhanced needle flexibility, durability and target accessibility.
- Unique Trident™ multi-blade three-prong tip facilitates histological quality tissue sampling.
- Innovative one-button adjusters for needle depth and sheath length provide easy and precise one-hand control.
- V-notch laser etched markings for enhanced needle echogenicity under ultrasound.
- The smooth catheter ensures that it can be pushed through the angled EUS endoscope and that the working channel is protected.
- Compatible with the full range of EUS endoscopes.



FNB Trident™



FNA Areus

EUS-FNA AREUS PREMIUM NEEDLE

FOR DIAGNOSTIC AND THERAPEUTIC INTERVENTION

- The stylet can be securely attached to the Luer lock attachment.
The grid spacing has been reduced from 2.5 to 1 mm so that the penetration depth of the needle can be tuned more precisely.
- Co-Cr alloy needle utilized for enhanced needle flexibility, durability, and target.
- Accessibility, designed for diagnostic and therapeutic intervention at challenging anatomies.
- V-notch laser etched markings for enhanced needle echogenicity under ultrasound.
- Innovative one-button adjusters for needle depth and sheath length provide easy and precise one-hand control.
- The smooth catheter ensures that it can be pushed through the angled EUS endoscope and that the working channel is protected.
- Compatible with the full range of EUS endoscopes.



SPECIFICATIONS

REF	Needle Ø Gauge	Sheath Ø mm	Maximum needle length mm	Needle material	Channel size Ø mm	Working length mm
EUS-FNB TRIDENT™ NEEDLE (CO-CR ALLOY)						
EUS-25-1-N	25	1.8	80	Co-Cr Alloy	≥2.8	1375 ~ 1415
EUS-22-1-N	22	1.8	80	Co-Cr Alloy	≥2.8	1375 ~ 1415
EUS-19-1-N	19	1.8	80	Co-Cr Alloy	≥2.8	1375 ~ 1415
EUS-FNA AREUS PREMIUM NEEDLE (CO-CR ALLOY)						
EUS-25-0-N	25	1.8	80	Co-Cr Alloy	≥2.8	1375 ~ 1415
EUS-22-0-N	22	1.8	80	Co-Cr Alloy	≥2.8	1375 ~ 1415
EUS-19-0-N	19	1.8	80	Co-Cr Alloy	≥2.8	1375 ~ 1415



GUIDE WIRES

THE RELIABLE CHOICE FOR EUS

All guide wires are manufactured out of bending-resistant and torsion-proof Nitinol. Their hydrophilic coated tips, allow the wires to safely find their way even into areas and stenoses which are hard to reach. This is supported by the

wire's high rigidity and controllability. The high radiopacity of the flexible hydrophilic tip facilitates exact placement under endosonography and fluoroscopy.

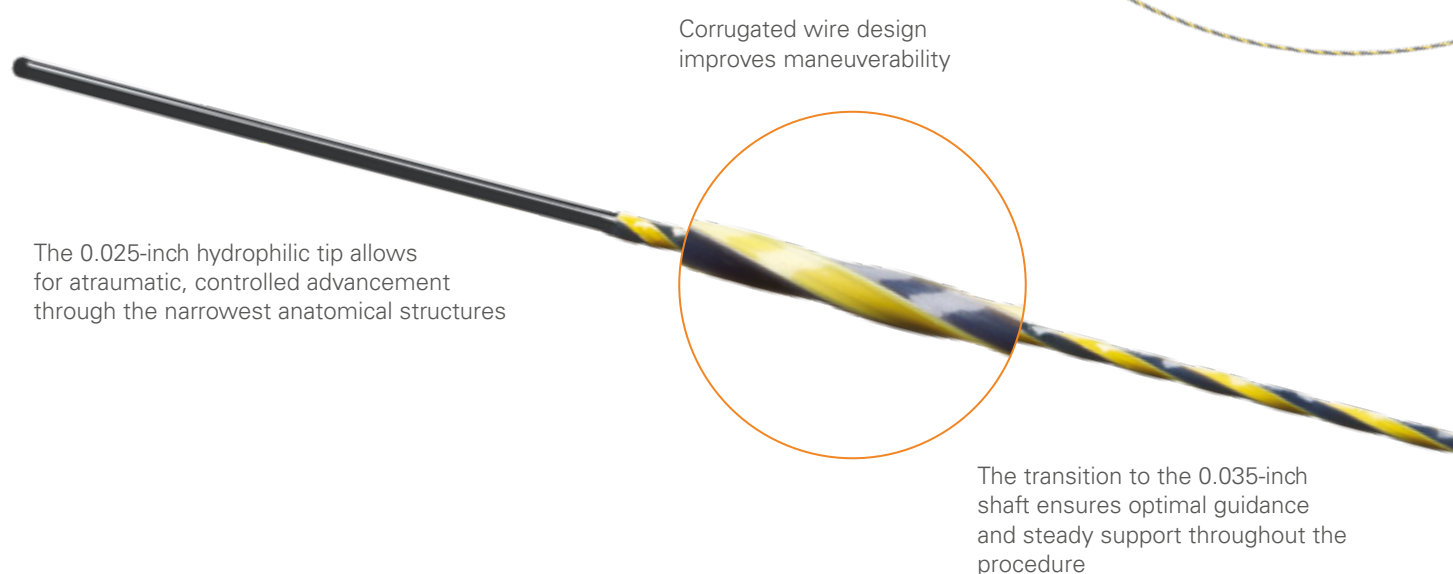
SPECIFIC CHARACTERISTICS

- High level of rigidity and guidability
- Hydrophilic, atraumatic tip
- High level of radiopacity



SPIRATRAX

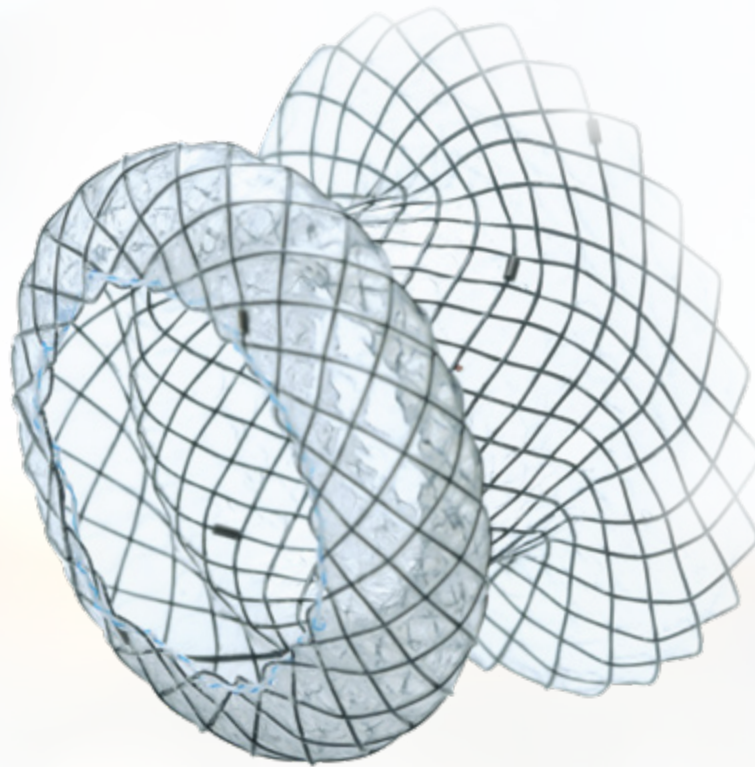
- Reliable pushability for access through narrow anatomical structures
- High kink resistance for safe navigation during endosonography
- Enhanced manoeuvrability in challenging anatomy thanks to corrugated wire design
- Optimal visibility under endosonography and fluoroscopy for precise placement



SPECIFICATIONS

REF	Ø inches	Total length mm	Tip length mm	Tip form	Set-Up	Feature
SPIRATRAX GUIDE WIRES						
MTN-BM-89/45-A-W	0.025" (0.035")	4500	60	straight	blue-yellow	corrugated
MTN-BM-89/45-A-J-W	0.025" (0.035")	4500	60	J-form	blue-yellow	corrugated
HYDRO-SLIDE GUIDE WIRES						
MTN-BM-89/45-A	0.035"	4500	60	straight	hydrophilic, radiopaque	blue-yellow covering
MTN-BM-89/45-A-J	0.035"	4500	60	J-form	hydrophilic, radiopaque	blue-yellow covering
MTN-BM-63/45-A	0.025"	4500	60	straight	hydrophilic, radiopaque	blue-yellow covering
MTN-BM-63/45-A-S	0.025"	4500	60	straight	hydrophilic, radiopaque	extra stiff $\pm 0.035"$
MTN-BM-63/45-A-J	0.025"	4500	60	J-form	hydrophilic, radiopaque	blue-yellow covering
MTN-BM-63/45-A-J-S	0.025"	4500	60	J-form	hydrophilic, radiopaque	extra stiff $\pm 0.035"$
MTN-BM-53/45-A	0.021"	4500	60	straight	hydrophilic, radiopaque	blue-yellow covering
MTN-BM-45/45-A	0.018"	4500	60	straight	hydrophilic, radiopaque	blue-yellow covering

Packaging unit: SpiraTrax guide wire: 2 pieces, Hydro-Slide guide wire: 2 pieces



PSEUDOCYST STENT (GEN-II)

SECURE HOLD FOR RELIABLE DRAINAGE

The Pancreatic pseudocyst stent is used for reliable drainage of endoscopically removed concretions. The design of the stent with its distal umbrella and proximal tulip shapes, ensures that during an eventual migration a dislocation would only occur into the stomach and not into the cyst. The large diameter of 16 mm in the middle of the

stent allows for endoscopic removal of concretions. The 10.5 French TTS (through-the-scope) insertion system is brought into position through the working channel of the endoscope with the aid of a guide wire. When the stent is released, 4 radiopaque markers at each end of the stent guarantee excellent identification on radiological images.

SPECIFIC CHARACTERISTICS

- Stent with complete silicone covering
- High degree of positional stability
- Atraumatic tips
- High level of radial force
- Tantalum radiomarkers
- Guide wire passage up to 0.035 inches
- TTS insertion system with 3.5 mm diameter, 1,800 mm length, two x-ray markings, rinsing attachment and lock to secure the introducer set during transport, storage and insertion



Transgastric access from stomach into pseudocyst

SPECIFICATIONS

REF	Ø centre mm	End Ø mm proximal/distal	Total length mm	Covering mm	End design proximal-distal	System length mm	System Ø mm
PSEUDOCYST STENT							
NST33-544-16.015	16	26/30	15	15	mushroom-umbrella	1800	3.5 (=10.5F)
NST33-544-16.020	16	26/30	20	20	mushroom-umbrella	1800	3.5 (=10.5F)
NST33-544-16.025	16	26/30	25	25	mushroom-umbrella	1800	3.5 (=10.5F)
NST33-544-16.030	16	26/30	30	30	mushroom-umbrella	1800	3.5 (=10.5F)

	Ø mm/fr.	Length mm	Guide wire	RM ^{*1}	IC ^{*2}	Lock ^{*3}
INTRODUCER SYSTEM	3.5/10.5	1800	0.035 inch	2	Yes	Yes

Recommended guide wire: 600358-5

*1 RM – radiopaque markings / *2 IC – irrigation channel / *3 Lock – secures the introducer system during storage, transportation and introduction

REF	Tip length mm	Needle length mm	Partly insulated cutting wire	Preloaded guide wire	Ø working channel mm
NEEDLE KNIFE					
DSP-30505-121111	0	5	No	No	2.8
DSP-30505-121211	0	5	Yes	No	2.8
DSP-30507-121111	0	7	No	No	2.8
DSP-30507-121211	0	7	Yes	No	2.8

