



Endoscopy Catalog

Solid Solutions.
Partners for better care.



Endoscopic Therapeutic Instruments team

Sales		
Field Sales Manager	Casper Verstappen +31 630 21 51 85 casper.verstappen@duomed.com	Responsible for all ETI Products
Account Manager ETI	Nathalie Mengelberg-Hoyng +31 645 01 39 11 nathalie.mengelberg@duomed.com	South-West region
Account Manager ETI	Renate Hansté +31 623 33 45 35 renate.hanste@duomed.com	North-East region
Account Manager ETI	Marco van Ewijk +31 6 30 34 09 53 marco.van.ewijck@duomed.com	

Duomed The Netherlands		
Sales Support	+31 318 54 32 23 sales.nl@duomed.com	For all sales related questions
Technical Support	+31 318 51 89 48 service.nl@duomed.com	For all service related questions
Finance	+31 318 54 32 23 finance.nl@duomed.com	For all finance related questions
Quality	+31 318 54 32 23 quality.nl@duomed.com	For all quality related questions

Table of Content

Duomed The Netherlands		Guidewires	
Introduction	4	Standard Guidewires	51
Training Centre & Skills Lab	5	Special Guidewires	53
Standard Endoscopy		EUS	
Biopsy Forceps	7	The Oracle® EUS Non-Latex	55
Snares	11	Moray® Micro Forceps	56
Polyp Traps	21	BioShield® biopsy valve EUS	57
Injection Needles	22	ERCP	
Colouring	26	Stone extraction - Lithotripsy	59
Foreign Body Removal	27	Papillotomes	61
Endoline® Hood	31	Accessories	62
Cytology Brush	32	Dilation	
Spray Catheter	33	Dilation Balloon	65
Lubricating Gel	34	Disposable Bougies	67
Lifting Agent	35	Inflation Devices	68
Accessories	36	Endoscopy Care & Accessories	
Advanced Endoscopy		Tip Protectors	70
Navicam® System	38	Bite Block	71
Distal Caps	39	Dignity shorts	72
SB Knife™	41	Air water Tubing	73
Bleed Management		Irrigation Tubing	74
SmartBand® multi-band Ligation Kit	43	Connectors and Accessoires	75
BioVac®	44	Biopsy Valve	76
Probes	45	Valve Sets	77
CobraClip	46	Cleaning Brushes	78
Re-Usable Clip	47	PEG replacement tubes	82
Novaclip	48	Gastrostomy kit PEG	83
Accessories	49	Stents	84
		Accessoires	124

Introduction

Duomed The Netherlands is a merger of strengths and expertise from multiple disciplines. This is executed by offering a total package in the field of surgery, radiology, vital care, neurological care, sterilization/disinfection prevention and endoscopy. Based on our expertise, we developed our own technical service and repair department in the Netherlands for repair and maintenance of equipment we sell.

As a total solution provider, Duomed has the passion to deliver best-fit solutions and value-added services for their partners within the healthcare sector. Together with the partners, Duomed strives for optimal patient care and continuity and therefore they provide products and services that comply to the highest quality standards in medical care.

Duomed is exclusively distributing endoscopes since 1978. In 2010, the company became part of the Duomed Group and expanded its product portfolio within different medical domains.

All divisions are supported by their own technical (repair and maintenance) department and customers can rely on the expertise of the different product & service teams for technical / user trainings and various hands-on workshops.

Delivering high-end innovative products and solutions for optimal patient care and ensuring continuity at customer sites is the mission of Duomed. They have a constant focus on providing in the needs of the market in a continuous changing landscape. Together with the trusted suppliers and partners, the company is continuously working on adding innovative products to their product offering to ensure both futures. It is their intention to work together with partners to create optimal patient care, delivering state of the art high quality products and providing excellent services. Their relation to customers, suppliers, staff and shareholders is based on mutual respect and trust, aiming for a long-term cooperation.

Discover all our products, services and courses at www.duomed.com.



Training Centre & Skills Lab

Duomed The Netherlands has its own Training Centre in Veenendaal, equipped with all facilities for optimal training. In our Skills Lab we have the opportunity to practice medical procedures with the latest equipment.

Within our Training Centre we have several rooms that are fully equipped. In addition to the rooms for the theoretical parts of the training we have a Skills Lab where we simulate real-life practice.

In our Skills Lab we have several workstations equipped with the latest equipment. In addition to having endoscopy equipment at every workstation, we have the possibility to train with all equipment in our range. During a training we have the possibility to use surrogate material to simulate the procedures. Within this lab we follow all hygiene regulations to ensure the safety of participants and our employees.

We receive many groups based on both request and open training. For any questions or inquiries please contact us at education.nl@duomed.com.

We hope to welcome you in our Skills Lab, in person or virtually.
Check the open courses via our website www.duomed.com.



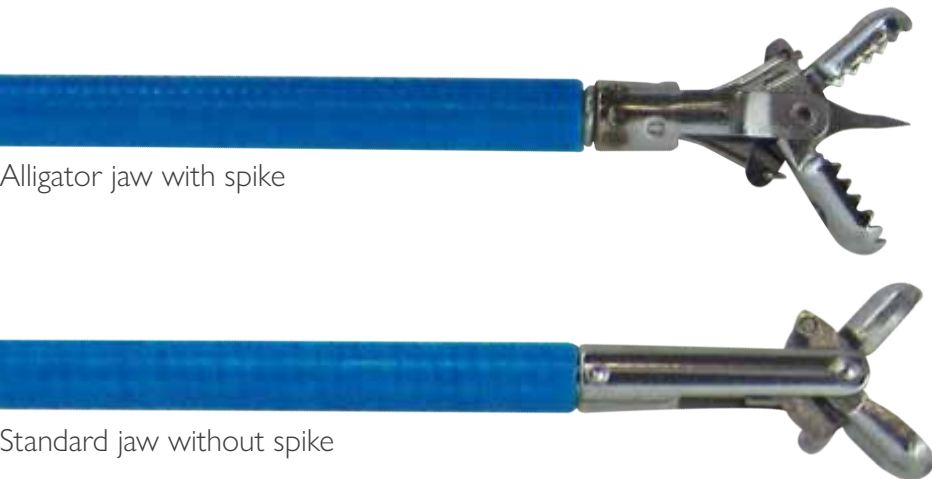
Standard Endoscopy





- PTFE coated Biopsy Forceps
- Graduated catheter to easily identify the biopsy forceps progression within the operating channel
- All forceps are delivered with a sample retriever to reduce blood exposure risk

Supplier	Article Nr.	Biopsy forceps	Forceps		Catheter		Minimum order quantity
			Jaws	Spike	Length (cm)	Diameter (mm)	
Vytil	CJ-PPT-18-110-A	Tracheo-bronchial	≡ standard	Yes	110	1.8	20
Vytil	CJ-PPT-18-160	Pediatric	≡ standard	No	160	1.8	20
Vytil	CJ-PPT-18-160-A	Pediatric	≡ standard	Yes	160	1.8	20
Vytil	CJ-PAT-23-160	Gastric	≡ standard	No	160	2.3	50
Vytil	CJ-PAT-23-160-A	Gastric	≡ standard	Yes	160	2.3	50
Vytil	CJ-PATC-23-160	Gastric	≡ alligator	No	160	2.3	50
Vytil	CJ-PATC-23-160-A	Gastric	≡ alligator	Yes	160	2.3	50
Vytil	CJ-PAT-23-230	Gastric and colonic	≡ standard	No	230	2.3	50
Vytil	CJ-PAT-23-230-A	Gastric and colonic	≡ standard	Yes	230	2.3	50
Vytil	CJ-PATC-23-230	Gastric and colonic	≡ alligator	No	230	2.3	50
Vytil	CJ-PATC-23-230-A	Gastric and colonic	≡ alligator	Yes	230	2.3	50

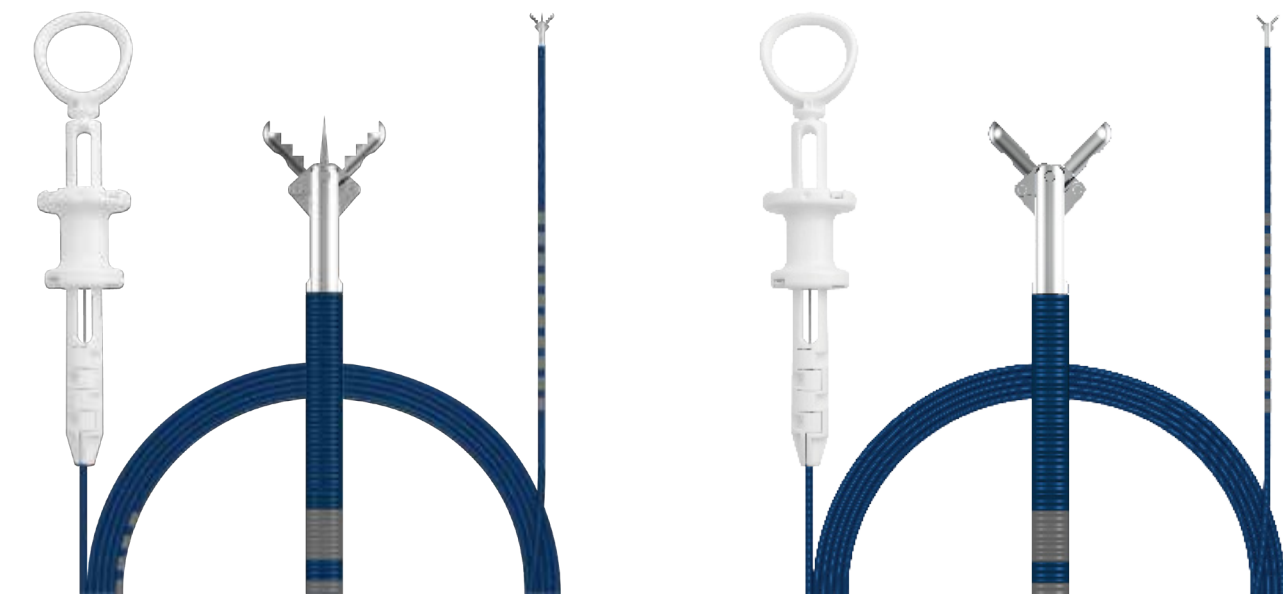


- Graduated catheter to easily identify the biopsy forceps progression within the operating channel
- All forceps are delivered with a sample retriever to reduce blood exposure risk

Supplier	Article Nr.	Biopsy forceps	Forceps		PTFE coated	Catheter		Minimum order quantity
			Jaws	Spike		Length (cm)	Diameter (mm)	
Vytil	AN/AMHBFA	Tracheo-bronchial	≡ standard	No	Yes	110	1.8	10
Vytil	AN/AMHBFA-WC	Tracheo-bronchial	≡ standard	No	No	110	1.8	10
Vytil	AN/AMHBFC	Tracheo-bronchial	≡ alligator	No	Yes	110	1.8	10
Vytil	AN/AMHBFC-WC	Tracheo-bronchial	≡ alligator	No	No	110	1.8	10
Vytil	NLS/BFOS-24-160	Gastric	≡ standard	Yes	Yes	160	2.4	100
Vytil	NLS/BFC-24-160	Gastric	≡ alligator	No	Yes	160	2.4	100
Vytil	NLS/BFCS-24-160	Gastric	≡ alligator	Yes	Yes	160	2.4	100
Vytil	NLS/BFOS-24-230	Gastric and colonic	≡ standard	Yes	Yes	230	2.4	100
Vytil	NLS/BFC-24-230	Gastric and colonic	≡ alligator	No	Yes	230	2.4	100
Vytil	NLS/BFCS-24-230	Gastric and colonic	≡ alligator	Yes	Yes	230	2.4	100
JUMBO Biopsy Forceps - Large capacity (12,86 mm³). Minimum operating channel diameter 3.2 mm								
Vytil	AN/AMHBFJ-230	Jumbo	≡ alligator	No	Yes	230	2.8	10

ALLIGATOR JAWS
WITH SPIKE

STANDARD JAWS
WITHOUT SPIKE



- Biopsy forceps with covered or uncovered catheters,
- Graduated catheters for progress tracking in the operating channel,
- Fenestrated, alligator or standard jaws, with or without needle.

Supplier	Article Nr.	Biopsy forceps	Forceps		Catheter		Minimum order quantity
			Jaws	Spike	Length (cm)	Diameter (mm)	
Vytil	VTL/TBC-BFO2-18-120	Covered Tracheo-bronchial	= standard	No	120	1.8	20
Vytil	VTL/TBC-BFOS2-18-120	Covered Tracheo-bronchial	= standard	Yes	120	1.8	20
Vytil	VTL/TBC-BFC2-18-120	Covered Tracheo-bronchial	≡ alligator	No	120	1.8	20
Vytil	VTL/TBU-BFO2-18-120	Non-covered Tracheo-bronchial	= standard	No	120	1.8	20
Vytil	VTL/TBU-BFC2-18-120	Non-covered Tracheo-bronchial	≡ alligator	No	120	1.8	20
Vytil	VTL/BFO2-18-160	Covered Gastric pediatric	= standard	No	160	1.8	20
Vytil	VTL/BFOS2-18-160	Covered Gastric pediatric	= standard	Yes	160	1.8	20
Vytil	VTL/BFO2-23-160	Covered Gastric	= standard	No	160	2.3	100
Vytil	VTL/BFOS2-23-160	Covered Gastric	= standard	Yes	160	2.3	100
Vytil	VTL/BFC2-23-160	Covered Gastric	≡ alligator	No	160	2.3	100
Vytil	VTL/BFCS2-23-160	Covered Gastric	≡ alligator	Yes	160	2.3	100
Vytil	VTL/BFO2-23-230	Covered Gastric & colonic	= standard	No	230	2.3	100
Vytil	VTL/BFOS2-23-230	Covered Gastric & colonic	= standard	Yes	230	2.3	100
Vytil	VTL/BFC2-23-230	Covered Gastric & colonic	≡ alligator	No	230	2.3	100
Vytil	VTL/BFCS2-23-230	Covered Gastric & colonic	≡ alligator	Yes	230	2.3	100



- This forcep is used for small polyps removal
- Oval and fenestred jaws made of surgical stainless steel
- PTFE coated catheter
- Coagulation is achieved with opened or closed jaws

Supplier	Article Nr.	Biopsy forceps	Forceps		Catheter		Minimum order quantity
			Jaws	Spike	Length (cm)	Diameter (mm)	
Vytil	CJ-PC-23-230	Hot	= standard	No	230	2.3	10
Vytil	CJ-PCA-23-230	Hot	= standard	Yes	230	2.3	10
Vytil	NLS/HotBFO-24-230	Hot	= standard	No	230	2.4	10

This chapter will review endoscopic snares and their applications in gastrointestinal endoscopy. A wide variety of snares are available from several manufacturers:

- Stiffness: floppy, medium stiff and stiff
- In shape: hexagonal, oval, round or crescent and more
- In wire: braided or monofilament
- In use: cold, hybrid and hot snares
- Specials: EMR snares, spiral snare and two-in-one snares

Regardless of the type of snare used, it is important to use caution when using a snare that one is unfamiliar with. Your Duomed Account Manager can advise you on which snare to use.



- Cold snare for small polyps resection
- Thin and stiff braided wire
- Rotatable or not

Supplier	Article Nr.	Description	Snare width (mm)	Catheter		Minimum diameter of operating channel (mm)	Minimum order quantity
				Diameter (mm)	Length (cm)		
Vytal	CJ-CS-23-230-D10	PolarSnare	10	2.3	230	2.8	10
Vytal	CJ-CSR-23-230-D10	Rotatable PolarSnare	10	2.3	230	2.8	10
Vytal	CJ-CS-23-230-D15	PolarSnare	15	2.3	230	2.8	10
Vytal	CJ-CSR-23-230-D15	Rotatable PolarSnare	15	2.3	230	2.8	10

Snares Vytal

Standard Hot Snares



Oval



Hexagonal



Crescent

Supplier	Article Nr.	Description	Snare width x length (mm)	Catheter		Minimum diameter of operating channel (mm)	Minimum order quantity
				Diameter (mm)	Length (cm)		
Vytal	CJ-ADR-18-160-O10	Pediatric Oval	10	1.8	160	2.0	10
Vytal	CJ-ADR-18-160-O20		20	1.8	160	2.0	
Vytal	CJ-ADR-23-230-O10	Oval	10 x 15	2.3	230	2.8	
Vytal	CJ-ADR-23-230-O15		15 x 20	2.3	230	2.8	
Vytal	CJ-ADR-23-230-O20		20 x 25	2.3	230	2.8	
Vytal	CJ-ADR-23-230-O25		25 x 35	2.3	230	2.8	
Vytal	CJ-ADR-23-230-O30		30 x 45	2.3	230	2.8	
Vytal	CJ-ADR-23-230-O35		35 x 50	2.3	230	2.8	
Vytal	CJ-ADR-23-230-O40		40 x 60	2.3	230	2.8	
Vytal	CJ-ADR-23-230-O45		45 x 65	2.3	230	2.8	
Vytal	CJ-ADR-23-230-O50		50 x 70	2.3	230	2.8	
Vytal	CJ-ADR-23-230-H15	Hexagonal	15 x 20	2.3	230	2.8	
Vytal	CJ-ADR-23-230-H25		25 x 35	2.3	230	2.8	
Vytal	CJ-ADR-23-230-H30		30 x 45	2.3	230	2.8	
Vytal	CJ-ADR-23-230-H35		35 x 50	2.3	230	2.8	
Vytal	CJ-ADR-23-230-C15	Crescent	15 x /	2.3	230	2.8	
Vytal	CJ-ADR-23-230-C20		20 x /	2.3	230	2.8	

Snares Vytal

Hot rotatable snares



Standard rotatable snare



Spiral snare

- Spiral snare has additional spiral wire around the snare to prevent slipping on the mucosa
- Spiral snare has an ultra stiff wire
- Also a standard hot rotatable snare is available

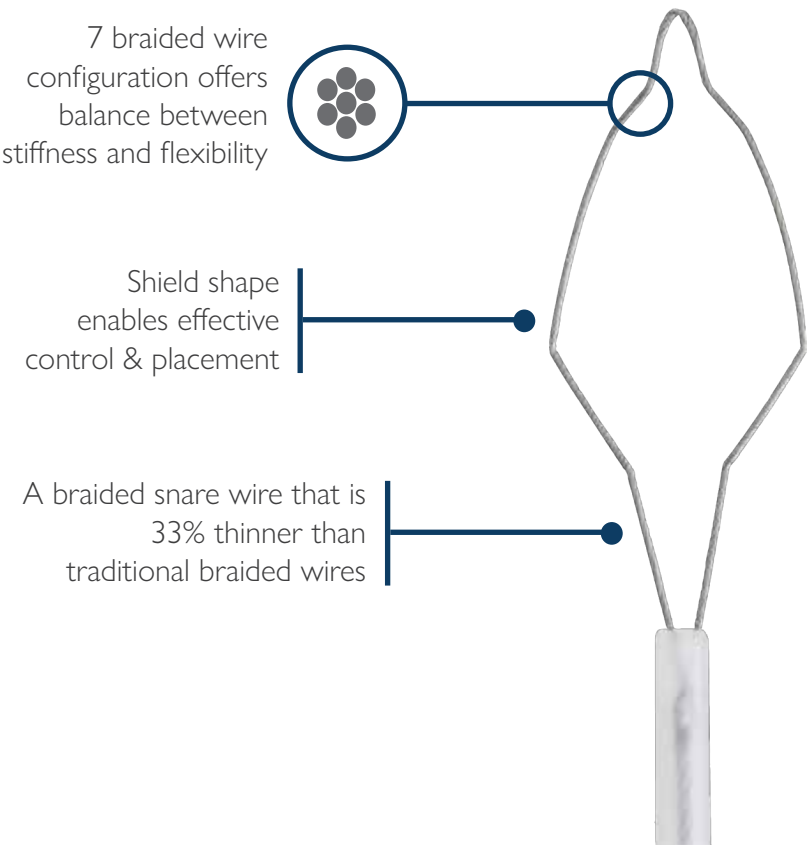
Supplier	Article Nr.	Description	Snare width x length (mm)	Catheter		Minimum diameter of operating channel (mm)	Minimum order quantity
				Diameter (mm)	Length (cm)		
Vytal	CJ-ADR2-23-230-O10	Standard Rotatable Snare	10 x 15	2.3	230	2.8	10
Vytal	CJ-ADR2-23-230-O15		15 x 20	2.3	230	2.8	
Vytal	CJ-ADR2-23-230-O20		20 x 25	2.3	230	2.8	
Vytal	CJ-ADR2-23-230-O25		25 x 35	2.3	230	2.8	
Vytal	CJ-ADR2-23-230-O30		30 x 45	2.3	230	2.8	
Vytal	CJ-ADR2-23-300-O30		35 x 50	2.3	300	2.8	
Vytal	CJ-ADR2-23-230-NG20	Spiral Snare	20 x 25	2.3	230	2.8	
Vytal	CJ-ADR2-23-230-NG25		25 x 35	2.3	230	2.8	
Vytal	CJ-ADR2-23-230-NG30		30 x 45	2.3	230	2.8	

Snares Vytil
Two in one



- Double size diathermic snare 15 mm and 25 mm
- Monofilament
- Diameter wire 0.3 mm

Snares Steris
Exacto Cold Snare



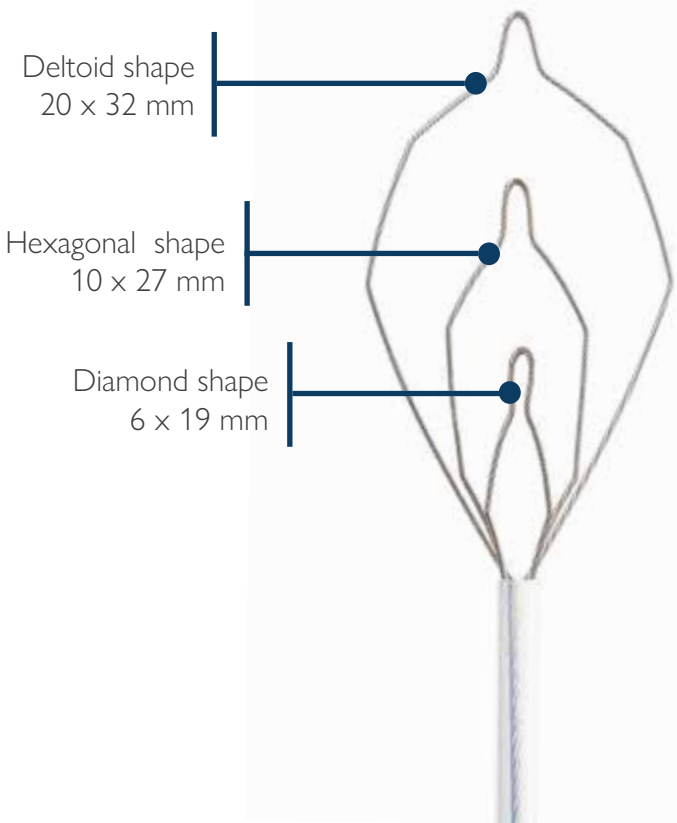
- 90% of polypectomies are less than 9 mm in size⁽¹⁾
- A dedicated cold snare that has a thinner and stiffer wire may engage and hold healthy polyp margin more easily than a standard snare⁽²⁾
- Clinically proven to achieve a significantly higher rate of complete resection, the unique design offers control and placement for a precise, clean cut when compared to traditional braided snares^(3,4)

1) Tolliver KA, Rex DK. Colonoscopic Polypectomy. Gastroenterol Clin N Am 37. 2008; 229-251.
2) Daniel von Renteln, MD and Heiko Pohl, MD. Pushing the Limit: How to Get the Most Out of Cold Snares. American Journal of Gastroenterology; 111. July 2016; 1217-1219.
3) Horiuchi A, Hosoi K. "Perspective, randomized comparison of 2 methods of cold snare polypectomy for small colorectal polyps." Gastrointestinal Endoscopy (2015): 1-7
4) Din S, Ball A. "Cold snare polypectomy: Does snare type influence outcomes?" Digestive Endoscopy (2015): 1-6

Supplier	Article Nr.	Description	Snare width (mm)	Catheter		Minimum diameter of operating channel (mm)	Minimum order quantity
				Diameter (mm)	Length (cm)		
Vytil	CJ-ADR2-23-230-O25B	Two in One - Hybrid	15 and 25	2.3	230	2.8	10

Supplier	Article Nr.	Description	Snare width (mm)	Wire diameter (mm)	Catheter		Minimum order quantity
					Diameter (mm)	Length (cm)	
Steris	711115	Exacto	9	0.3	2.4	230	10
Steris	711095	Exacto (50)	9	0.3	2.4	230	50
Steris	711114	Exacto Mundo	14		2.5	230	10

Snares Steris
CoinTip™ Hot and Cold Polypectomy Snare

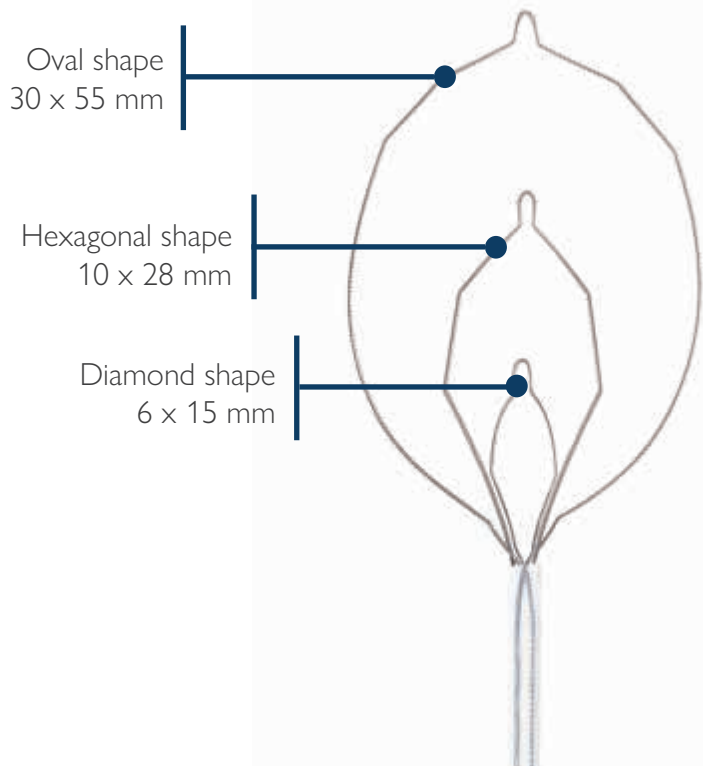


The CoinTip™ offers a differentiated solution for complex polypectomy procedures, including Endoscopic Mucosal Resection (EMR). The innovative CoinTip™ polypectomy snare combines the advantages of different wire diameters and a distinctive distal tip for precise incisions in hot and cold resections and has unique features.

- The range of different wire diameters makes it easier to grasp the tissue and helps ensure a precise cut in hot and cold removal procedures
- The delta-shaped snare (20 mm) can capture a large part of the lesions in a controlled manner: bloc resection
- The hexagonal snare (10 mm) offers rigidity and precision for additional control
- The diamond-shaped snare (6 mm) enables specific placement for diminutive polyps and is useful for cleaning up resection margins
- The snare loop maintains its shape even after multiple resections
- The double catheter features internal strain relief for added support and reducing the chances of buckling during resection

Supplier	Article Nr.	Description	Sheath Diameter (mm)	Sheath Length (cm)	Approximate Snare Size (Width x Length mm)	Snare Wire Diameter	Minimum order quantity
Steris	71110	CoinTip Snare	2.5	230	Deltoid shape 20 x 32	0.41 mm (0.016»)	10
					Hexagonal shape 10 x 27	Tip 0.25 mm (0.010»)	
					Diamond shape 6 x 19		
Steris	711416	CoinTip Snare	2.5	230	Deltoid shape 20 x 32	0.41 mm (0.016»)	50
					Hexagonal shape 10 x 27	Tip 0.25 mm (0.010»)	
					Diamond shape 6 x 19		

Snares Steris
Lariat



- Three distinct sizes and shapes eliminating the need to exchange snares
- Snare loop design maintains its shape and integrity after multiple resections
- Stiffer snare wire minimizes distal deflection

Supplier	Article Nr.	Description	Snare width (mm)	Catheter		Minimum order quantity
				Diameter (mm)	Length (cm)	
Steris	711119	Lariat (hybrid)	Oval: 30x55 Hexagonal: 10x28 Diamond: 6x15	2.4	230	10

Snares Vytil

Hot & Cold Snares



Monofilament



Braided



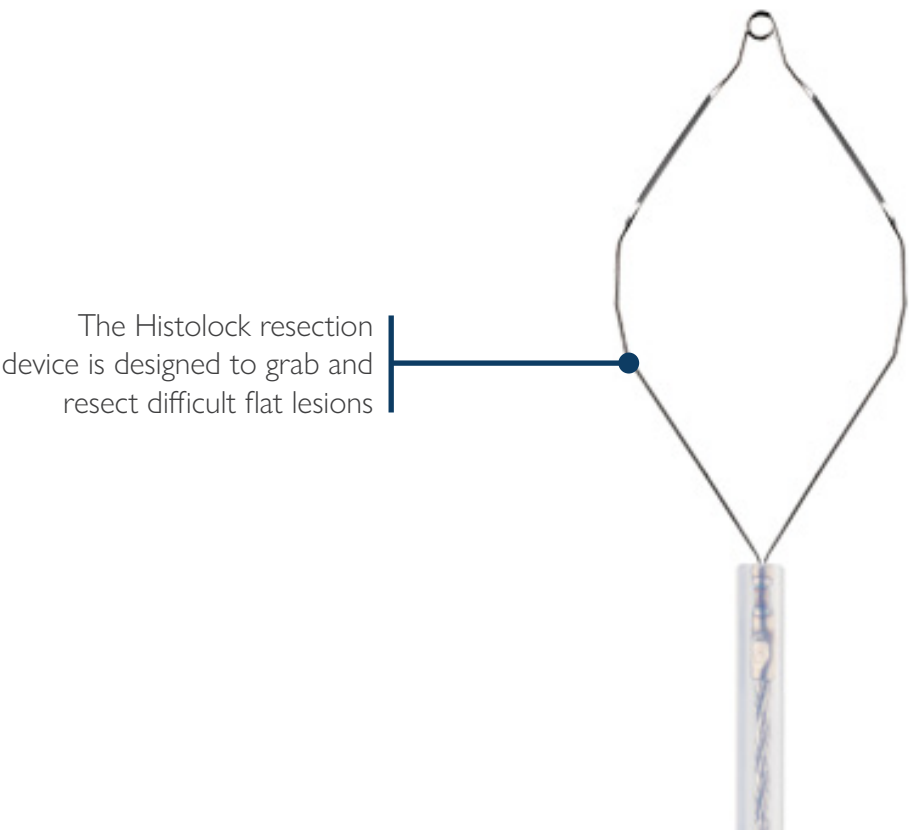
Rotatable Braided

- Monofilament snares: 0.3 mm single wire
- Braided snares: 0.35 or 0.36 mm braided stiff or rotatable wire

Supplier	Article Nr.	Description	Snare width (mm)	Wire diameter (mm)	Catheter		Minimum diameter of operating channel (mm)	Minimum order quantity
					Diameter (mm)	Length (cm)		
Vytil	CJ-ADR-23-230-MFO10	Monofilament hot & cold oval snare	10	0.3	2.3	230	2.8	10
Vytil	CJ-ADR-23-230-MFO15		15	0.3	2.3	230	2.8	
Vytil	CJ-ADR-23-230-HCO06		6	0.36	2.3	230	2.8	
Vytil	CJ-ADR-23-230-HCO010	Braided hot & cold round snare	10	0.36	2.3	230	2.8	
Vytil	CJ-ADR-23-230-HCO015		15	0.36	2.3	230	2.8	
Vytil	NLS/PS-23-230-O10		10	0.36	2.4	230	2.8	
Vytil	NLS/PS-23-230-O15		15	0.36	2.4	230	2.8	
Vytil	VTI/SN-24-230-HCO10		10	0.35	2.4	240	2.8	
Vytil	VTI/SN-24-230-HCO15		15	0.35	2.4	240	2.8	
Vytil	VTI/SN-24-230-HCOR10	Rotatable Braided hot & cold round snare	10	0.35	2.4	240	2.8	
Vytil	VTI/SN-24-230-HCOR15		15	0.35	2.4	240	2.8	

Snares Steris

Histolock



- Stiff twisted, monofilament wire helping to recruit and resect flat tissue while laying flat on mucosa
- 14 mm snare size for easy maneuverability and precise placement around the lesion
- Torsion spring helps to maintain an open shape after multiple resections

Supplier	Article Nr.	Description	Snare width (mm)	Catheter		Minimum order quantity
				Diameter (mm)	Length (cm)	
Steris	711117	Histolock	14	2.4	230	10



Steris e-Trap Polyp Trap



VTL/PT-02



Single chamber
with retrieval sticker



VTL/P-TRAP

2 Chambers
with retrieval sticker



4 Compartments
removable

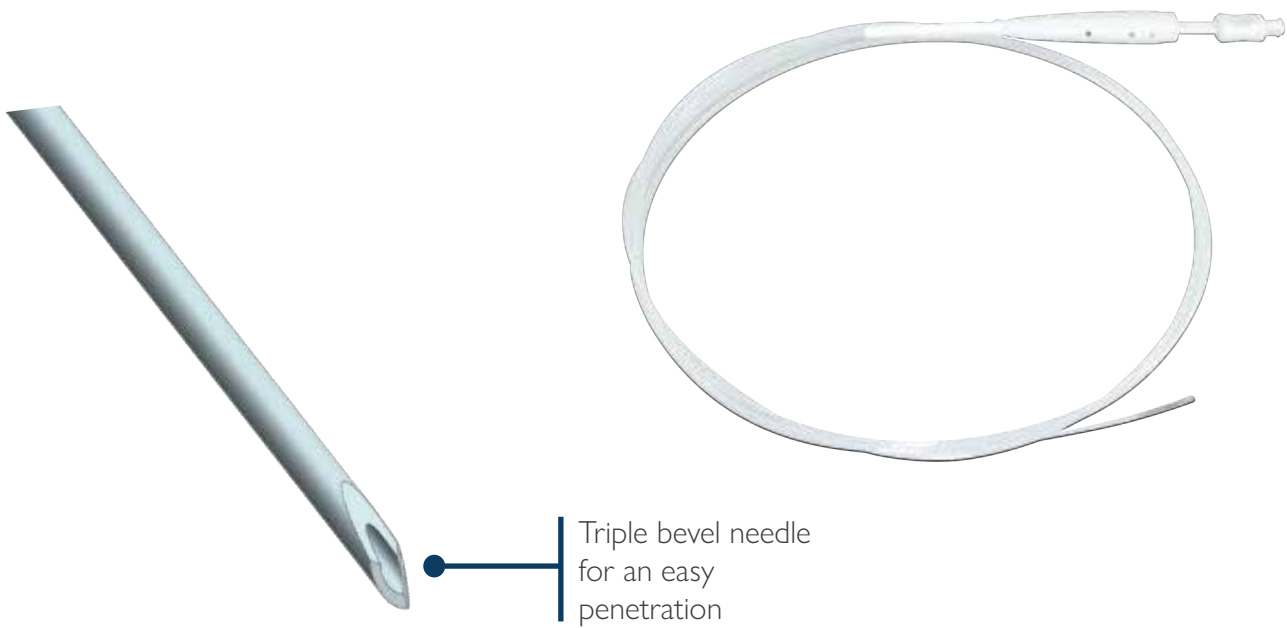


5 Chambers

- The eTrap polyp trap allows for quick and accurate retrieval
- Ability to collect multiple polyps with uninterrupted suction
- Magnifying window to easily visualize the collected specimen
- Measurement guide to simplify specimen sizing

Supplier	Article Nr.	Description	Minimum order quantity
Steris	711099	eTrap (polyp trap with two drawers)	25
Vytil	VTL/P-TRAP	Polyp Trap 2 chambers with retrieval sticker	24
Vytil	VTL/PT-01	Poly trap single chamber with retrieval sticker	200
Vytil	VTL/PT-02	Polyp Trap 2 chambers with retrieval sticker	40
Vytil	VTL/PT-04	Polyp Trap 4 compartments removable	100
Vytil	VTL/PT-05	Polyp Trap 5 chambers	100

Novaject 1



- Ergonomic handle to control needle movements
- Transparent catheter for liquid flow visualisation

Supplier	Article. Nr.	Description	Needle		Catheter		Minimum order quantity
			Diameter (G / mm)	Length (mm)	Diameter (mm)	Length (cm)	
Vytil	CJ-A-18-165-25	Novaject	25 / 0,5	4	1.8	165	10
Vytil	CJ-A-23-160-19		19 / 1,1	4	2.3	160	
Vytil	CJ-A-23-230-19		19 / 1,1	4	2.3	230	
Vytil	CJ-A-23-230-21		21 / 0,8	4	2.3	230	
Vytil	CJ-A-23-230-23		23 / 0,6	4	2.3	230	
Vytil	CJ-A-23-230-25		25 / 0,5	4	2.3	230	
Vytil	CJ-A5-23-230-21		21 / 0,8	5	2.3	230	
Vytil	CJ-A5-23-230-23		23 / 0,6	5	2.3	230	
Vytil	CJ-A5-23-230-25		25 / 0,5	5	2.3	230	

Novaject 2



- Ergonomic, secured handle for optimal needle slipping inside outer catheter,
- Transparent, rigid catheter for easy insertion into the working channel

Supplier	Article. Nr.	Description	Needle		Catheter		Minimum order quantity
			Diameter (G / mm)	Length (mm)	Diameter (mm)	Length (cm)	
Vytil	VTL/IN-21-4-23-230	Novaject 2	21 / 0.7	4	2.3	230	10
Vytil	VTL/IN-21-5-23-230		21 / 0.7	5	2.3	230	
Vytil	VTL/IN-23-4-23-230		23 / 0.6	4	2.3	230	
Vytil	VTL/IN-23-5-23-230		23 / 0.6	5	2.3	230	
Vytil	VTL/IN-25-4-18-160		25 / 0.5	4	1.8	160	
Vytil	VTL/IN-25-4-23-230		25 / 0.5	4	2.3	230	
Vytil	VTL/IN-25-5-23-230		25 / 0.5	5	2.3	230	

EndoTNeedle Injection Needle

Laborie



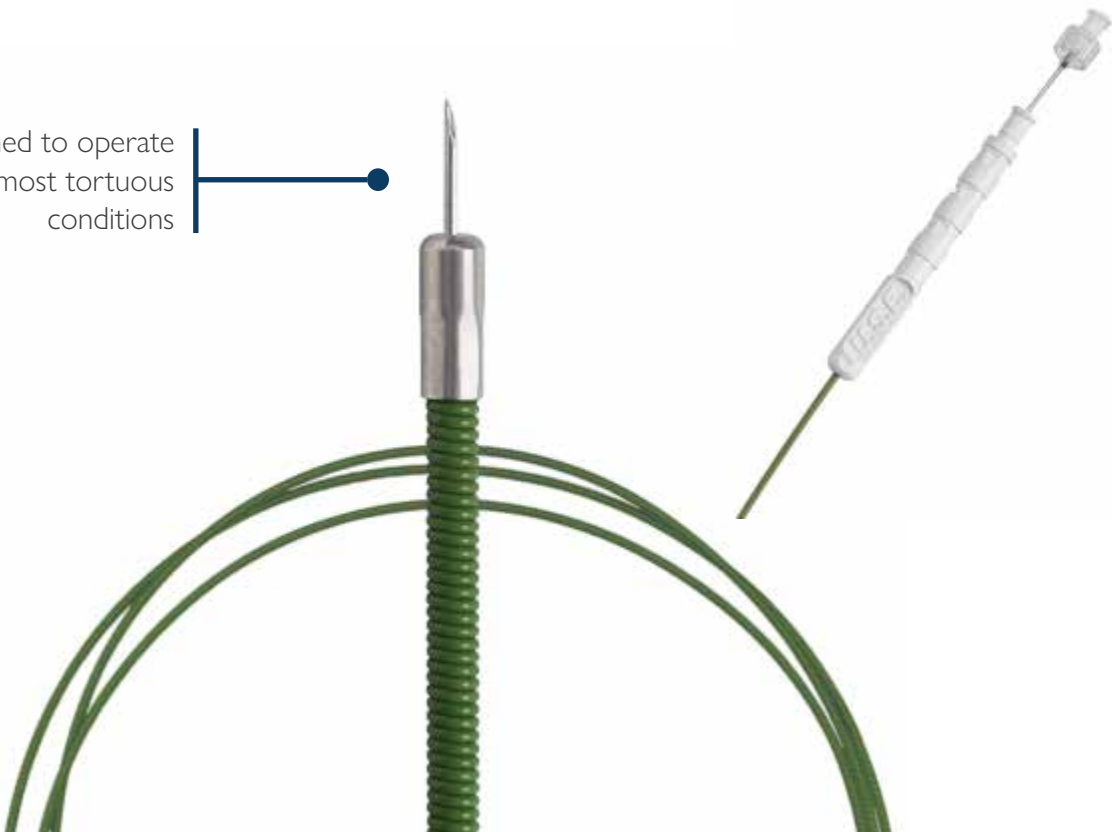
- Reliable performance in retroflex and tortuous path
- Ultra sharp needle for puncturability
- Single-hand operation for ease of use
- Stainless steel sheath which reduces to reduce kinking and improve visibility in interventional procedures
- Smooth, round hub to assist in tamponade
- Thumb activated needle extension and spring-loaded retraction
- Audible click when needle is activated and retracted

Supplier	Article Nr.	Min. Working Channel (mm)	Length (cm)	Needle (mm)	Gauge	Minimum order quantity
Laborie	ET1300	2.8	160	4	25	10
Laborie	ET1301	2.8	230	4	25	10
Laborie	ET1302	2.8	160	5	25	10
Laborie	ET1303	2.8	230	5	25	10
Laborie	ET1320	2.8	160	4	23	10
Laborie	ET1321	2.8	230	4	23	10
Laborie	ET1322	2.8	160	5	23	10
Laborie	ET1323	2.8	230	5	23	10

Injection Needles

STERIS
Endoscopy

Designed to operate
in the most tortuous
conditions



- Patented design ensures consistent needle projection every time
- Ideal for injection therapy of esophageal/gastric strictures, varices, and for endoscopic mucosal resection
- Stainless steel, teflon coated, spring sheath virtually eliminates sheath kinking
- Luer-lock, spring-loaded handle automatically retracts the needle, reducing the risk of inadvertent needle sticks and scope damage

Supplier	Article. Nr.	Description	Needle		Catheter		Minimum order quantity
			Diameter (G / mm)	Length (mm)	Diameter (mm)	Length (cm)	
Steris	711822	Carr-Locke Needle	25 / 0,5	5	1.8	230	5
Steris	711811		25 / 0,5	5	2.5	230	
Steris	711812		23 / 0,6	5	2.5	230	
Steris	711814		23 / 0,6	4	2.5	230	

Colouring

Laborie¹



- Endoscopic marker composed of highly purified carbon particles
 - Spot Ex is indicated for both clinical surveillance and general surgical localization
 - Tattooing has been shown to reduce OR time by up to 40 minutes ⁽¹⁾
 - Easier to find at future endoscopy or surgery because Spot Ex is a darker tattoo ⁽²⁾
1. Lee, P., Finding Endoscopic Tattoos: The Impact of Contrast. GI Supply. 2018.
2. Arteaga-Gonzalez I, et. al., The use of preoperative endoscopic tattooing in laparoscopic colorectal cancer surgery for endoscopically advanced tumors: a prospective comparative clinical study. World J Surg. 2006. 30(4):605–611.

Supplier	Article Nr.	Description	Minimum order quantity
Laborie	GIS-46	Spot Ex Endoscopic Tattoo, 5cc	10

Foreign Body Removal

VYTIL



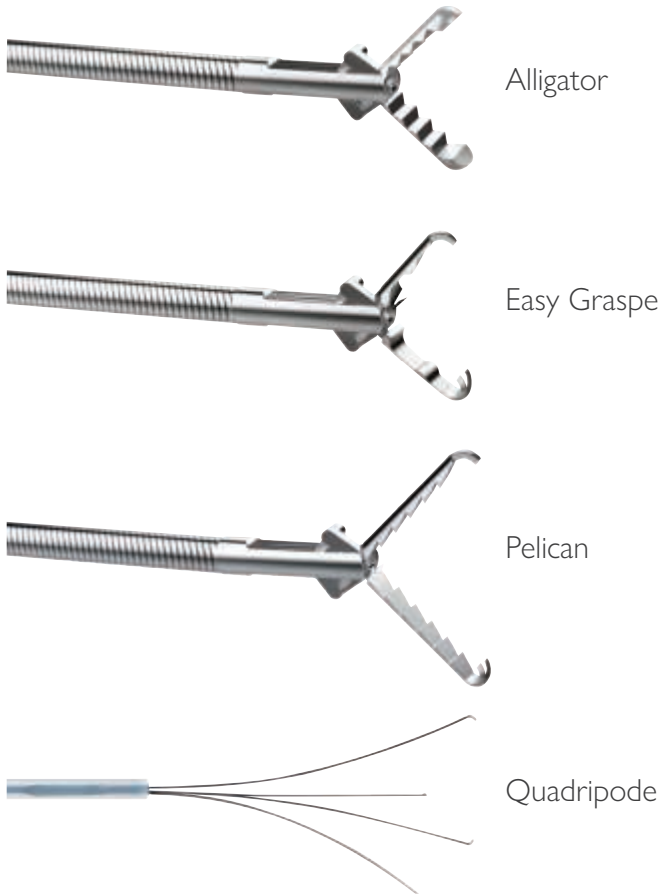
- Rotatable retrieval net
- Foreign body and polyp retrieval

Supplier	Article. Nr.	Use	Snare width (mm)	Catheter		Working Channel Diameter (mm)	Minimum order quantity
				Diameter (mm)	Length (cm)		
Vytill	VTL/RRN-18-160-15	Bronchial & pediatric	15	1.8	160	≥ 2.0	10
Vytill	VTL/RRN-18-160-20		20	1.8	160	≥ 2.0	
Vytill	VTL/RRN-23-230-30	Digestive adult	30	2.3	230	≥ 2.8	
Vytill	VTL/RRN-23-230-40		40	2.3	230	≥ 2.8	
Vytill	VTL/RRN-23-300-40	Enteroscopy	40	2.3	300	≥ 2.8	



- Designed with a finer, more transparent net, the Roth Net® polyp retriever easily encapsulates excised polyps and preserves specimens for accurate histopathological review

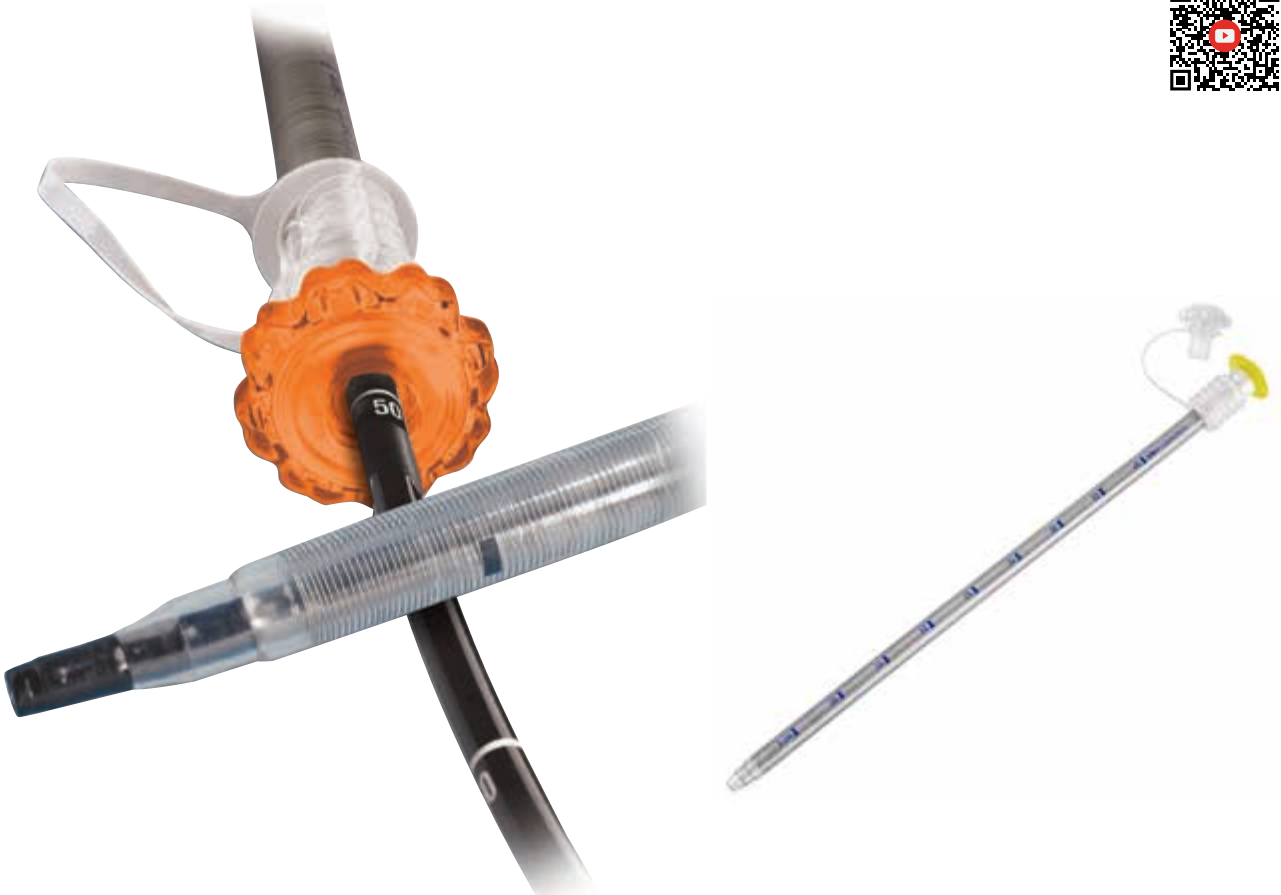
Supplier	Article Nr.	Description	Catheter diameter (mm)	Length (cm)	Net size (cm)	Minimum order quantity
Steris	711150	Roth Net retriever polyp	2.5	230	3 x 6	5
Steris	711050	Roth Net retriever Standard	2.5	230	3 x 6	5
Steris	711053	Roth Net retriever Standard	2.5	160	3 x 6	5
Steris	711057	Roth Net retriever Mini	1.8	160	2 x 4.5	5
Steris	711059	Roth Net retriever Maxi	3.0	160	4 x 8	5
Steris	711152	Roth Net retriever Enteroscopic	2.5	350	3 x 6	5
Steris	711155	Roth Net Platinum retriever - food bolus	2.5	230	4 x 5.5	5
Steris	711158	Roth Net retriever mini polyp	2.8	230	2.5 x 4.5	10
Steris	711165	Roth Net retriever Maxi sterile	3.0	230	4 x 8	5
Steris	715050	Roth Net Platinum retriever universal	2.5	230	4 x 5.5	5



- Alligator: excellent grip force avoiding the deterioration of the sample
- Easy Grasper: for an excellent grasping
- Pelican: excellent grip force avoiding loss of the sample
- Quadripode: effective grasping during the food bolus or foreign body removal

Supplier	Article Nr.	Description	Catheter (mm)	Length (cm)	Jaw length (mm)	Max. opening (mm)	Minimum order quantity
Vytil	CJ-PPDR-23-180	Easy Grasper	2.3	180	5.1	6	1
Vytil	CJ-2418GH	Alligator	2.3	230	5.8	9	1
Vytil	CJ-2423GK	Pelican	2.3	230	11.5	15.5	1
Vytil	CJ-PPF-23-230	Quadripode	2.3	230	45	30	1
Steris	711177	Raptor	2.4	230	7.7	10	5
Steris	711178	Raptor mini	1.9	200	3	7	5

Foreign Body Removal



The Guardus® Overtube is designed to assist with the following endoscopic needs:

- Foreign body/sharp object extraction
- Stent removal
- Upper endoscopic mucosal resection
- Minimizing the risk of aspiration
- Gastroparesis and achalasia
- Active upper GI bleed
- Procedures requiring multiple scope insertions
- Food bolus procedures

Supplier	Article Nr.	Description	Scope OD (mm)	Overtube OD (mm)	Overtube ID (mm)	Length (cm)	Minimum order quantity
Steris	711146	Guardus® Overtube Esophageal	8.6 - 10.0	19.5	16.7	25	3
Steris	711147	Guardus® Overtube Esophageal	9.8 - 11.7	19.5	16.7	25	3
Steris	711148	Guardus® Overtube Gastric	8.6 - 10.0	19.5	16.7	50	3
Steris	711149	Guardus® Overtube Gastric	9.8 - 11.7	19.5	16.7	50	3

Endoline® Hood



The Endoline® Hood fits on the distal end of most endoscopes and protects the cardia, oesophagus and pharynx during endoscopic foreign body removal. It also prevents the foreign body from escaping.

Advantages:

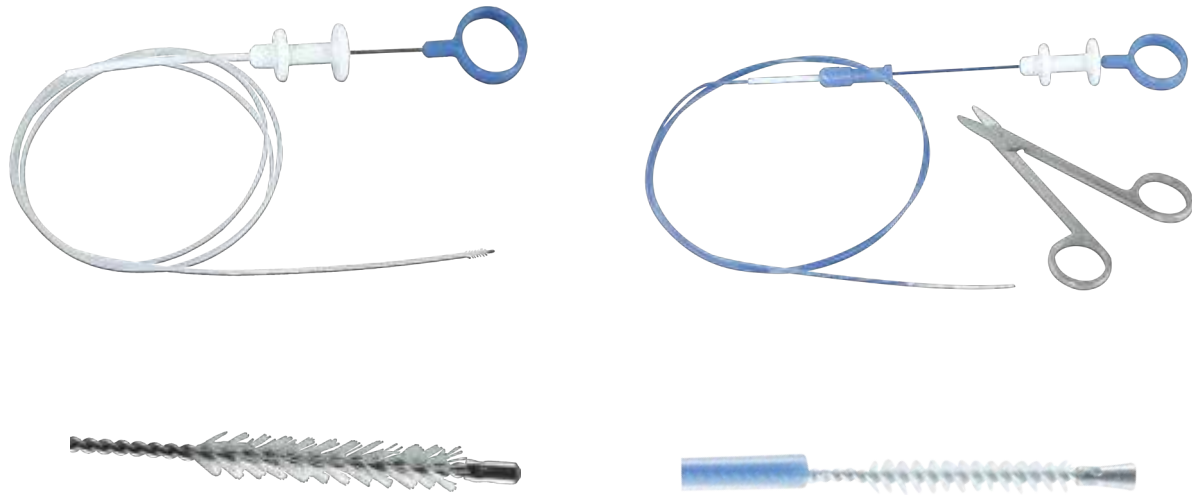
- Bell shape to completely cover the foreign body.
- Easy fixation and compatible with main endoscopes on the market.
- Secured by the attached elastic band.

Precautions for use:

Do not use in patients allergic to latex

Supplier	Article Nr.	Material	Distal tip diameter (mm)	Proximal tip diameter (mm)	Useful length (mm)	Minimum order quantity
Prince Medical	AS0420000	Latex	40	8.3	75	3

Cytology Brush



Cytology Brush

Pulmonary Brush

Cytology Brush

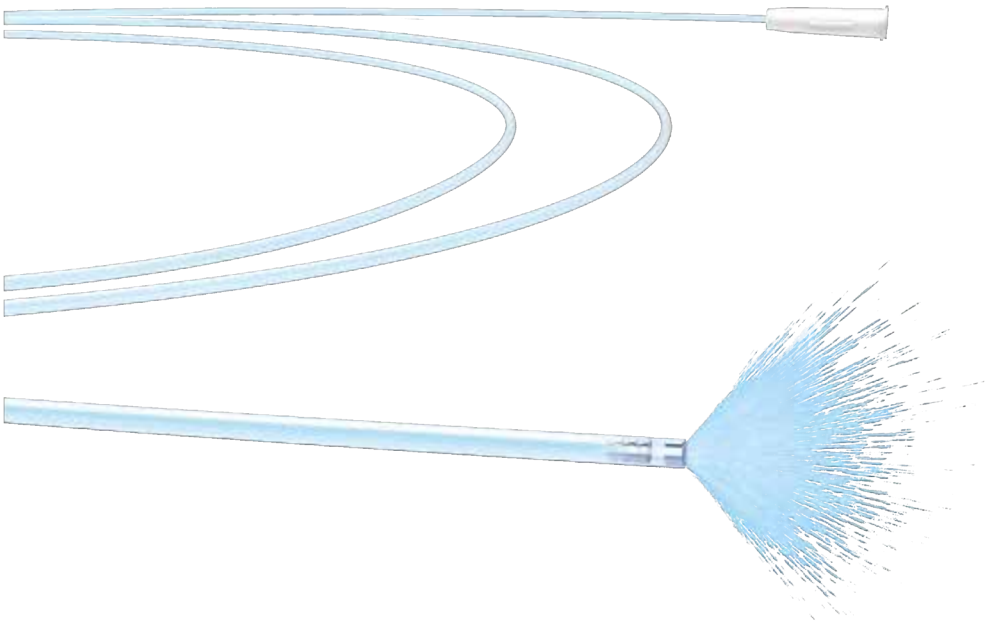
- Soft brush for atraumatic collection
- Bronchial mucosa cells cytology brush

Pulmonary Brush

- Pulmonary brush with a double catheter to prevent the contamination of the sample
- Catheter tip operculum
- Delivered with a sterile pair of scissors

Supplier	Article Nr.	Description	Catheter diameter (mm)	Usable length (cm)	Brush diameter (mm)	Brush length (cm)	Minimum order quantity
Vytil	CJ-BC-18-110-A2	Cytology Brush	1.8	110	2	10	10
Vytil	CJ-BC-18-110-A3	Cytology Brush	1.8	110	3	10	10
Vytil	CJ-BM-17-105-S2	Pulmonary Brush incl. scissors	1.7	105	2	10	10
Prince	AS0372512	Cytology Brush	1.8	120	2.5		5
Prince	AS0372522	Cytology Brush	1.8	220	2.5		5
Prince	AS0373016	Cytology Brush	2.2	160	3		5
Prince	AS0373022	Cytology Brush	2.2	220	3		5

Spray Catheter



- Used in conjunction with an endoscope to spray the gastrointestinal mucosa

Supplier	Article Nr.	Description	Catheter diameter (mm)	Usable length (cm)	Operating channel diameter (mm)	Minimum order quantity
Vytil	NLS/SP-18-220	Spray Catheter	1.8	220	> 2.0	10
Vytil	NLS/SP-23-230	Spray Catheter	2.3	230	> 2.8	10
Vytil	NLS/SP-18-120	Spray Catheter	1.8	120	> 2.0	10



- Lubricating water soluble gel for endoscopy, proctology and more in general.

Supplier	Article Nr.	Description	Volume	Minimum order quantity
Vytil	LUB0005	Lubricating water soluble gel in sterile pouch	5 gram	1500
Vytil	LUB0082	Lubricating water soluble gel in sterile tube	82 gram	96



EverLift Submucosal Lifting Agent is used to lift polyps, adenomas, early-stage cancers and other gastrointestinal lesions prior to excision.

- Superior Cushion:
- Margin delineation with darker color
 - Cellulose-based and hypertonic
 - Slower rate of absorption into the body due to water-retaining properties

Supplier	Article Nr.	Description	Minimum order quantity
Laborie	GIS-55	5 mL syringe	1



Lugol life 2%



Acetic Acid



Carmine Indigo

Lugol life 2%

- In digestive endoscopy: demonstration of epidermoid lesions of the esophagus
- In colposcopy: brushing the cervix - Schiller test

Carmine Indigo

- Enhancement of mucosal relief anomalies by spraying on the colonic wall
- Recommended concentration for use from 0.2% to 0.4%
- Not sterile, not injectable

Acetic Acid

- Mucosa abnormalities enhancement agent
- Non-sterile solution of acetic acid 3% or 5%
- Use within 30 days after opening

Supplier	Article Nr.	Description	Concentration	Minimum order quantity
Vytil	UF/849	Lugol Life Glass Ampoule of 10 ml	2%	10
Vytil	J2F/810160/4	Carmine Indigo glass bottle of 10 ml	1%	10
Vytil	ACE3100	Acetic acid 100 ml bottle	3%	20
Vytil	ACE5100	Acetic acid 100 ml bottle	5%	20

Advanced Endoscopy





NaviCam® Capsule



NaviCam® Locator



Crossbody Belt Replacement



ESVIEW Software with NaviCam® ProScan™
Reading Support Feature



Data Recorder Host

The NaviCam® system utilises advanced robotic technologies combined with innovative & intelligent software to give medical practitioners external control of capsules inside the human body.

Advantages of the Navicam® system:

- Intelligent NaviCam ProScan™ AI Assisted Reading support Feature
- Non-Radioactive Method to Check Capsule Location
- Video Downloading Time <30 Mins Enables Quick Procedure Time
- Excellent Ergonomics

Supplier	Article Nr.	Description	Minimum order
AnX Robotics	NS-I	NaviCam® SB System Case with Data Recorder Charging Cradle + Locator + Cables and ESView Software	1
AnX Robotics	DR005	NaviCam® Data Recorder +Case with Data Recorder + Charging Cradle and Cables	1
AnX Robotics	NS-I-FL	NaviCam® ProScan™ (full license)	1
AnX Robotics	AKES-115K	NaviCam® Capsules 868MHz	10
AnX Robotics	AKS-1	NaviCam® Locator	1
AnX Robotics	DRB003	NaviCam® Crossbody Belt Replacement (Belt only)	1
AnX Robotics	DRH0002	NaviCam® Data Recorder Host AKRK-2 (Recorder only)	1
AnX Robotics	CK002	NaviCam® Charging Kit	1
AnX Robotics	PC002/3	NaviCam® Protective Sleeve (PC002 10pcs / PC003 50 pcs)	1



Reveal® Distal Attachment Cap

Polyps that are located behind folds in the gastrointestinal tract can be challenging to view and resect. These challenges can increase procedure time and compromise patient care. The Reveal Distal Attachment Cap is an endoscope cap that is designed to facilitate the endoscope’s view during a variety of therapeutic and endoscopic procedures.

- Helps avoid “red out” by maintaining constant distance between the endoscope and mucosa
- Aids in maneuvering through difficult turns in the GI tract
- Can be used in conjunction with accessories such as snares or needles

Supplier	Article Nr.	Description	Diameter (mm)	Usable length (mm)	Endoscope diameter compatibility (mm)	Minimum order quantity
Steris	711770	Reveal Distal Attachment Cap	11.35	4	8.5 - 9.5	10
Steris	711771		11.8	4	9.5 – 9.9	10
Steris	711772		12.4	4	9.8 – 10.5	10
Steris	711773		13.4	4	10.9 – 11.8	10
Steris	711774		15.0	4	12.6 – 13.2	10
Steris	711775		15.7	4	13.4 – 13.9	10



- Disposable endoscopic distal attachment
- Soft lubricated silicone
- Straight round design

Supplier	Article Nr.	Description	Color	Diameter (mm)	Usable length (mm)	Endoscope diameter compatibility (mm)	Minimum order quantity
Vytil	NLS/DC-4-92	Visiolift	Light Blue	9.2	4	8.9 - 9.5	20
Vytil	NLS/DC-4-98	Visiolift	Pink	9.8	4	9.6 - 10.0	
Vytil	NLS/DC-4-99	Visiolift	Purple	9.9	4	9.9 - 10.5	
Vytil	NLS/DC-4-105	Visiolift	Yellow	10.5	4	10.3 - 10.7	
Vytil	NLS/DC-4-108	Visiolift	Brown	10.8	4	10.7 - 11.1	
Vytil	NLS/DC-4-115	Visiolift	Purple	11.5	4	11.3 - 11.7	
Vytil	NLS/DC-4-122	Visiolift	Orange	12.2	4	11.8 - 12.5	
Vytil	NLS/DC-4-128	Visiolift	Green	12.8	4	12.6 - 12.9	
Vytil	NLS/DC-4-132	Visiolift	Green	13.2	4	13.0 - 13.5	



Endoscopic Device SB Knife™

- Improving the Safety of ESD Procedures with the Tip Profile and Electrode Positioning
- Curved tip allows to keep the proper dissecting layer and prevents unexpected muscular layer injury.
- Cuts and coagulates tissue removing the need for device switching.
- Fibrillated tissue could be dissected with grasping cauterization.
- Standard type for stomach
- Short type for esophagus and large bowel with narrow lumen

Supplier	Article Nr.	Description	Knife length (mm)	Opening width (cm)	Working length (cm)	Working channel (mm)	High frequency current	Minimum order quantity
Sumitomo Bakelite Co., Ltd.	MD-47704	ESD Knife Short for esophagus	6	6	180	> 2.8	Monopolar	1
Sumitomo Bakelite Co., Ltd.	MD-44706	ESD Knife Standard for stomach	7	8	180	> 2.8	Monopolar	1
Sumitomo Bakelite Co., Ltd.	MD-47703	ESD Knife Jr. for colon/rectum	3.5	4.5	195	> 2.8	Monopolar	1

Bleed Management



SmartBand® multi-band Ligation Kit



The SmartBand® multi-band ligation kit is an endoscopic ligating device that is used to ligate esophageal varices at or above the gastroesophageal junction and to ligate internal hemorrhoids. This band ligating device may be used to treat acute bleeding from esophageal varices or for the prophylactic treatment of esophageal varices.

- 100% band retention power
- Experience the feeling of SmartBand bands as they “snap” of the barrel
- Optimized 360° view, without having to sacrifice a band
- Enhanced ergonomic control with recessed finger grooves
- Advanced friction-fit barrel is compatible with the widest range of upper GI endoscopes from 8.6 mm to 11.6 mm

Supplier	References	Description	Minimum order quantity
Steris	SLK6LF	SmartBand® SafeGrip™ multi-band ligation kit not made with natural rubber latex Components: Ligation handle with universal connector; loading device, flush tube, Pentax adaptor; and barrel with 6 bands	1 piece



The BioVac® device offers superior suction power and volume during the evacuation of gelatinous materials from the GI tract.

Designed to suction hard-to-remove, viscous materials which may otherwise clog the control head of the endoscope, the BioVac® device bypasses the scope control head, alleviating intraprocedural clogging of the scope.

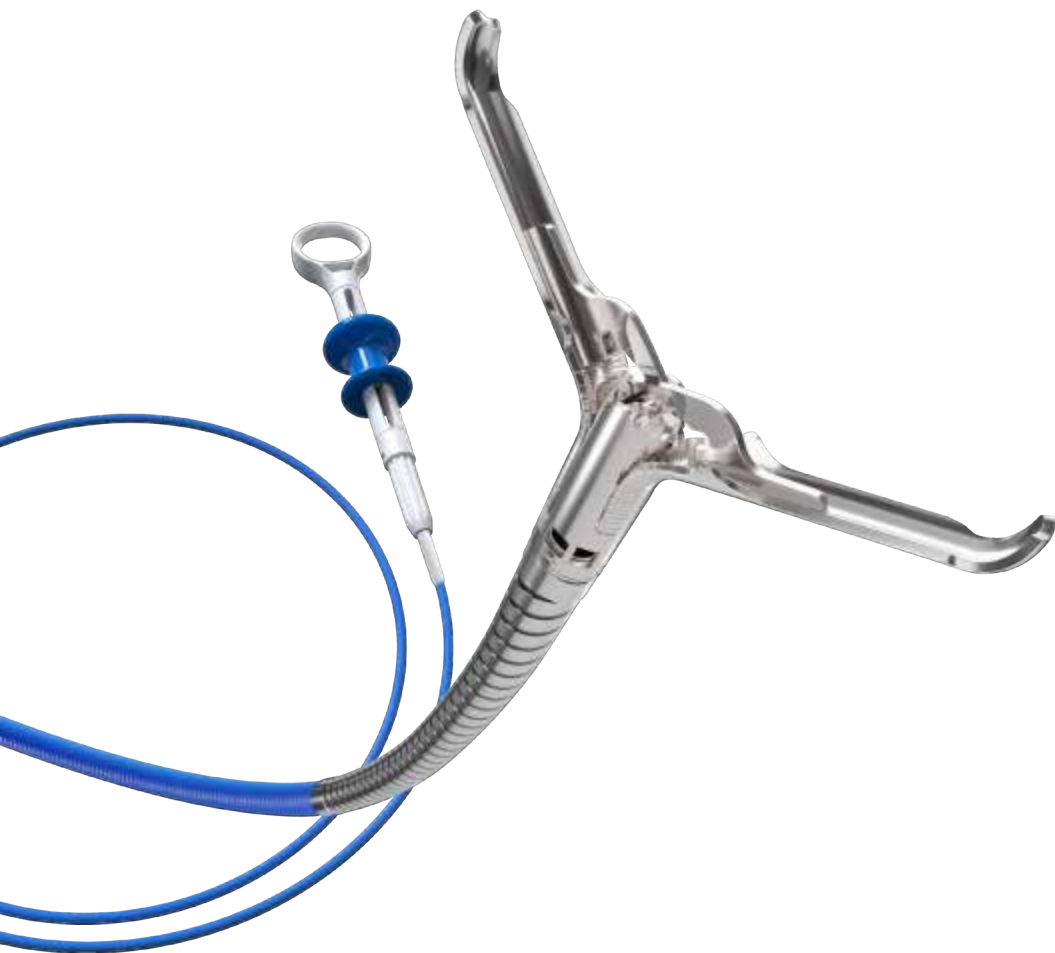
- The BioVac® device offers:
- Enhanced suction
 - The ability to irrigate as much as desired
 - Direct visualization
 - Instrument access

Supplier	References	Description	Suction tubing (cm)	Irrigation line length (cm)	Y-port	Minimum order quantity
Steris	711511	BioVac® direct suction device Pentax	244	61	No	5
Steris	711512	BioVac® direct suction device Olympus / Fujinon (G5 series and newer)	244	61	No	5
Steris	711513	BioVac® direct suction device Olympus / Fujinon (G5 series and newer)	244	61	Yes	5



- With a Hydromer tip to mitigate tissue sticking to the probe tips, its universal length can be used for EGD, enteroscopy and colonoscopy

Supplier	References	Description	Size fr / cm	Style	Length (cm)	Minimum order quantity
Steris	711841	Bipolar hemostasis probe	7 / 0.23	Dual plug	350	1
Steris	711843	Bipolar hemostasis probe	7 / 0.23	Single Plug	350	1
Steris	711847	Bipolar hemostasis probe	10 / 0.33	Single Plug	350	1



Unique one-on-one rotation and clip in one piece

- One-piece clip with elastic structure
- Anti-slip jaw tip design
- Ergonomical handle
- Flexible catheter end
- 1:1 rotation
- Integral color code

Supplier	References	Clip		Catheter		Color code
		Maximal opening (mm)	Jaws angle	Diameter (mm)	Length (cm)	
Vytil	VTL/HC09-135-23-235	9	135°	2.3	235	■
Vytil	VTL/HC11-135-23-235	11	135°	2.3	235	■
Vytil	VTL/HC13-135-23-235	13	135°	2.3	235	■
Vytil	VTL/HC16-90-23-235	16	90°	2.3	235	■



Kit of repositionable and rotatable hemostatic clips:

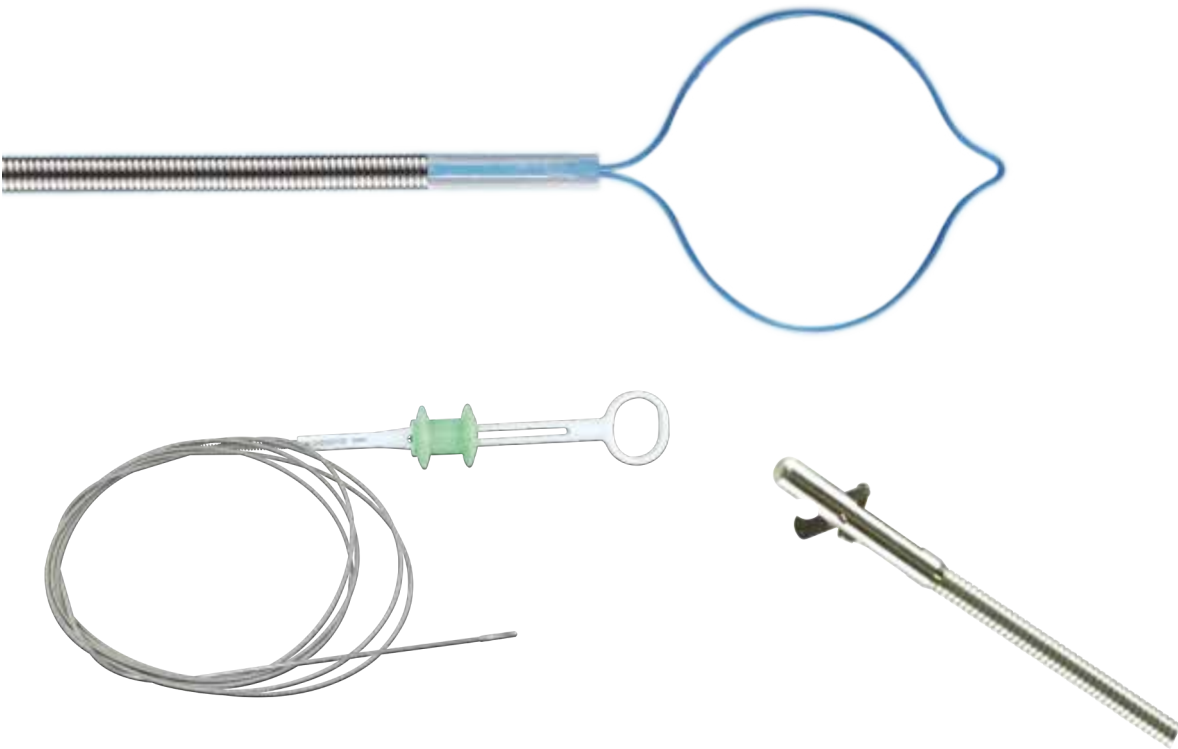
- One clip pre-mounted on the handle,
 - Additional clips in sterile packaging to be reloaded onto the handle.
- Reduces carbon footprint during manufacturing and minimizes waste generation for the user.

References	Clip		Catheter		Number of recharges clip	Color Code	Minimum order quantity
	Maximal Opening (mm)	Jaws angle	Diameter (mm)	Lengte (cm)			
VTL/HC-SET3-230-09	9	135°	2,6	230	2	Purple	10
VTL/HC-SET5-230-09*					4		
AG-55504-2300-135-11-2	11	135°	2,6	230	2	Green	10
VTL/HC-SET3-230-11*							
VTL/HC-SET5-230-11*					4		
VTL/HC-SET3-230-13	13	135°	2,6	230	2	Black	10
VTL/HC-SET5-230-13*					4		
AG-55504-2300-135-16-4	16	135°	2,6	230	2	Blue	10
VTL/HC-SET3-230-16		90°					
VTL/HC-SET5-230-16*					4		



- Innovative handle enabling a 360° rotation with one hand
- Repositionable
- Optimal flexibility of the distal part
- Short tip after release: 7 mm (up to 13 mm max. open) to 9 mm (16 mm max. open)
- MRI compatible
- New re-usable clip

Supplier	References	Maximal opening (mm)	Jaws length (mm)	Jaws angle	Diameter (mm)	Length (cm)	Handle color	Minimum order quantity
Vytil	CJ-HC09-25-230	9	5	135°	2.5	230	■	10
Vytil	CJ-HC11-25-230	11	6	135°	2.5	230	■	10
Vytil	CJ-HC13-25-230	13	7	135°	2.5	230	■	10
Vytil	CJ-HC1690-25-230	16	9	90°	2.5	230	■	10

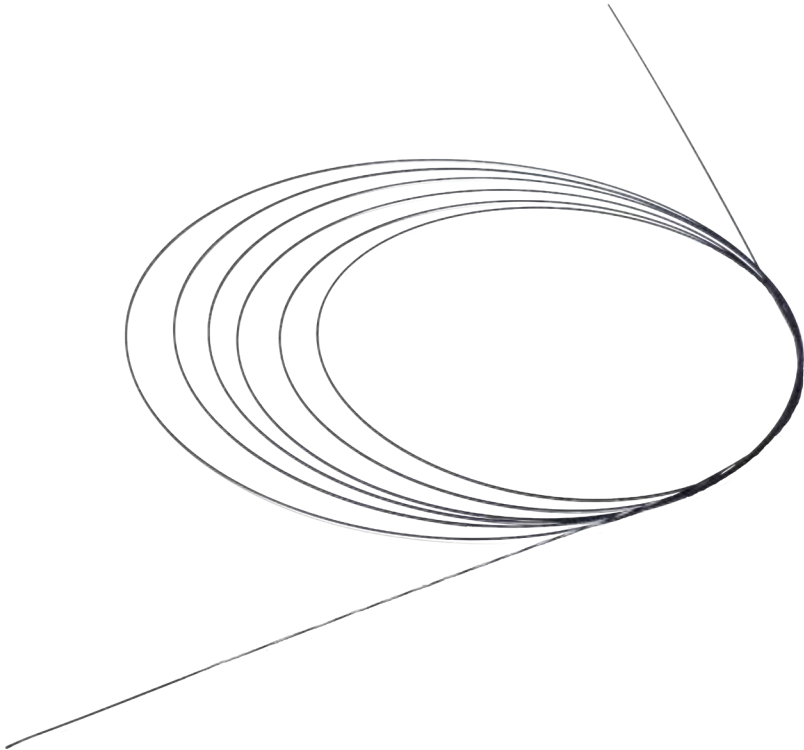


- Endotie**
- For small and large pedunculated polyps and to prevent bleeding before polypectomy
 - Pre-assembled system
 - Stiff loop
 - Wide opening: 40 mm
- Endoscopic scissors**
- Ideal to cut the loop of the Endotie when necessary
 - Reusable, to autoclave before use

Supplier	References	Description	Catheter length (cm)	Catheter diameter (mm)	Minimum order quantity
Vytil	Loop40B0-LD230D0	Endotie	230	2.1	3
Vytil	AF-2423GO102	Endoscopic scissors	230	2.4	1

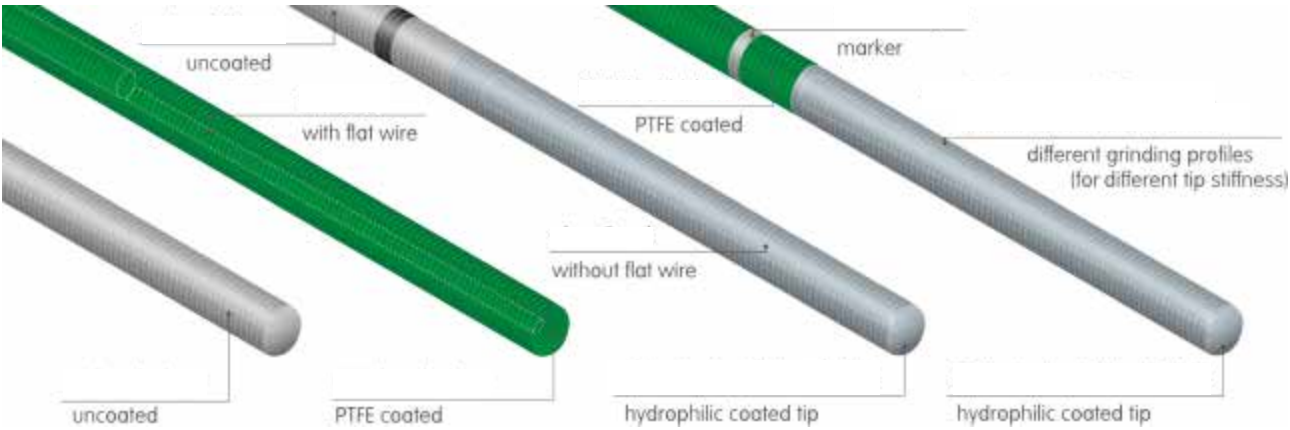
Guidewires



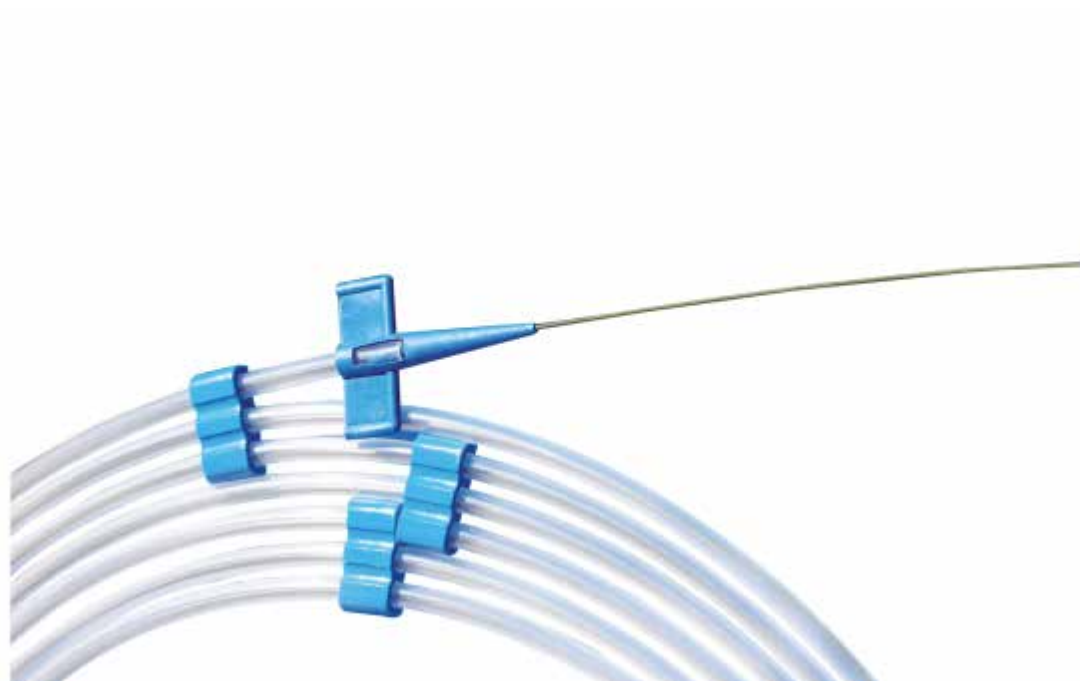


- Round tip for alpha loop forming
- Black and white stripes on 30 cm to display wire movements
- Radio-opaque hydrophilic distal end on 50 - 55 mm
- Nitinol core for good stiffness / push compromise

Supplier	Article Nr.	Description	Flexibility	Length (cm)	Diameter (mm / inch)	Minimum order quantity
Vytil	AN/CGW-S3526	Straight guide wire	Standard	260	0.89 / 0.0035"	1
Vytil	AN/CGW-S3526S		Stiff	260	0.89 / 0.0035"	1
Vytil	AN/CGW-S3545		Standard	450	0.89 / 0.0035"	1
Vytil	AN/CGW-S3545S		Stiff	450	0.89 / 0.0035"	1
Vytil	AN/CGW-S2545S		Stiff	450	0.89 / 0.0025"	1
Vytil	AN/CGW-A3526	Angled guide wire	Stiff	260	0.89 / 0.0035"	1
Vytil	AN/CGW-A3545		Standard	450	0.89 / 0.0035"	1
Vytil	AN/CGW-A2545S		Stiff	450	0.63 / 0.0025"	1



Supplier	Article Nr.	Description	Flexibility	Length (cm)	Diameter (mm / inch)	Minimum order quantity
EP Flex	41010092	Navigation thread		400	0.035"	1
EP Flex	44003244	Navigation thread sterile		260	0.035"	1
EP Flex	47006433	Navigation thread		460	0.035"	1
Ep Flex	49007632	Navigation thread sterile		400	0.035"	1



Savary with nitinol core

- Super rigid nitinol guidewire, flexible distal end of 10 cm
- Good push/flexibility compromise
- To use for a stent placement or an esophagus dilation

Savary type

- Super rigid stainless steel guidewire, flexible distal end of 10 cm
- To use for a stent placement or an esophagus dilation

Super stiff

- Super stiff and coated metallic guidewire, flexible distal end of 9 cm
- To use for a stent placement or an esophagus, colonic, enteral dilation

Supplier	Article Nr.	Description	Flexibility	Length (cm)	Diameter (mm / inch)	Minimum order quantity
Vytil	EP/47012263	Savary with nitinol core guide wire		230	0.035"	1
Vytil	EP/43002341	Savary type guide wire		230	0.035"	1
Vytil	EP/46004758	Super stiff guidewire	Stiff	460	0.035"	1

EUS



The Oracle® EUS Latex Balloon



- The Oracle® EUS Latex Balloon**
- Minimizes balloon tearing during application to the endoscope
 - Eliminates the risk of exposing patients and staff to latex
 - Elastic band design allows for device application and provides a secure grip to ensure the balloon stays on the endoscopes
 - Compatible with both Radial and Curvilinear endoscopes

Supplier	Article Nr.	Description	Information	Minimum order quantity
Steris	711891	Oracle® EUS Latex Balloon	Olympus curvilinear / radial array	20
Steris	711892		Fujifilm curvilinear	20
Steris	711893		Olympus Radial	20

Moray® Micro Forceps



- Moray® Micro Forceps**
- The Moray® Micro Forceps is designed for use in EUS procedures to enhance sampling from lesions that can occur within and outside of the gastrointestinal tract leading to a more definitive diagnosis and targeted therapy.

- The single-use Moray® Micro Forceps features:**
- Serrated jaws that acquire tissue samples
 - Spring sheath allowing for use in tortuous positions
 - Compatibility with most 19g FNA needles

Supplier	Article Nr.	Description	Sheath diameter (mm)	Jaw diameter (mm)	Length (cm)	Minimum order quantity
Steris	711889	Moray® Micro Forceps	0.8	0.76	230	3



- Disposable valve that is compatible with Olympus linear echoendoscopes
- Single-use biopsy valve that provides consistent performance and eliminates the need for traceability
- Offers a unique appearance for easy differentiation from reusable biopsy valves

Supplier	Article Nr.	Description	Minimum order quantity
Steris	BX00711902	BioShield® biopsy valve EUS – Linear (non-sterile)	25
Steris	BX00711903	BioShield® biopsy valve EUS – Linear (sterile)	25

ERCP





- Stone retrieval balloon, inflation with air only
- Compatible long and short guide wires
- 3 size balloon, triple lumen
- Radiopaque markers

Supplier	Article Nr.	Description	Balloon diameter (mm)	Length catheter (cm)	Diameter (mm)	Compatible guide wire	Minimum order quantity
Vytil	NLS/BL-15-23-200	Triple lumen stone retrieval balloon	10	200	2.3	0.035"	5
			12				
			15				
Vytil	NLS/BL-L-23-200	Triple lumen stone retrieval balloon	13	200	2.3	0.035"	5
			15				
			18				



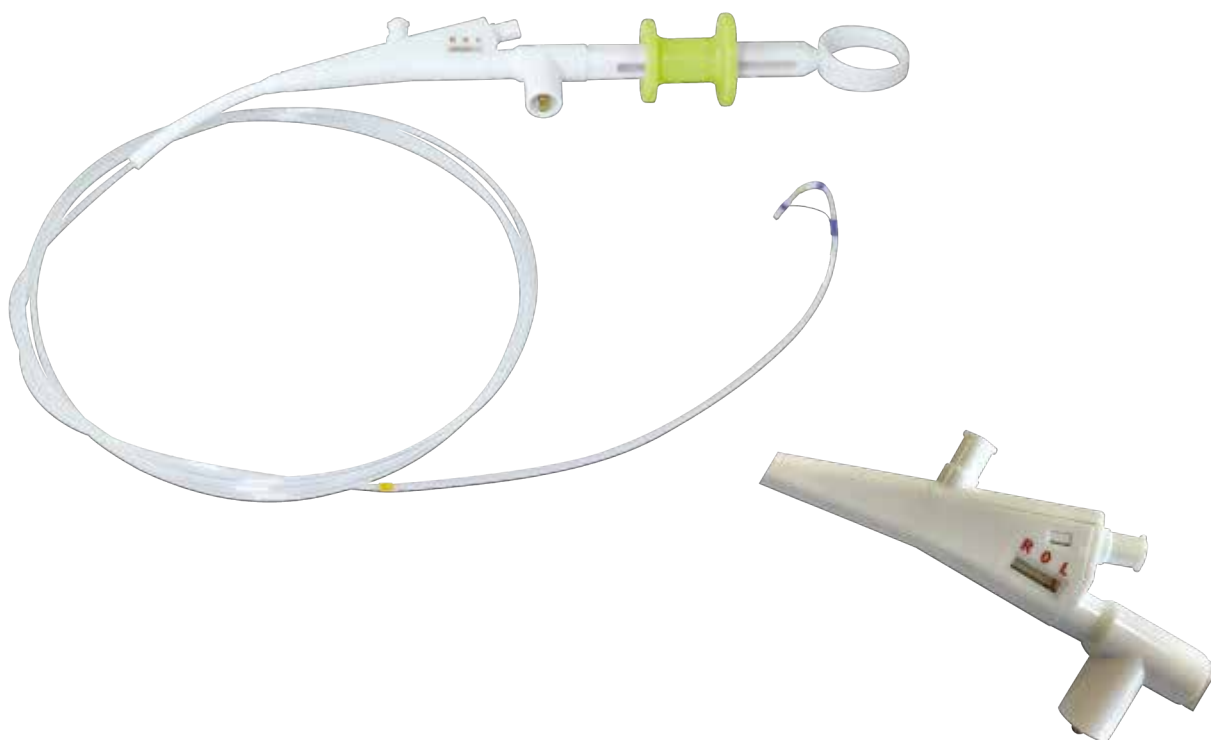
Stone Extraction Basket Standard

- Stainless steel
- Multi-strand wire (4 angled wires)

Stone Extraction Basket - Rotatable and wire-guided

- Nitinol wires with shape memory (4 single-strand)
- Rotary spiral shape
- Compatible with short or long guide wire 0.035" maximum

Supplier	Article Nr.	Description	Basket diameter (mm)	Length catheter (cm)	Diameter (mm)	Minimal operating channel diameter (mm)	Minimum order quantity
Vytil	WS-2420GL025	Stone extraction basket	25	200	2.4	2.8	10
Vytil	WS-2420GL03		30	200	2.4	2.8	10
Vytil	WS-2420GL035		35	200	2.4	2.8	10
Vytil	NLS/BKS-20-24-195G	Stone extraction basket rotatable and wire-guided	20	195	3.1	3.7	5
Vytil	NLS/BKS-30-24-195G		30	195	3.1	3.7	5



- Profiled tip for a precise insertion
- Rotatable, visual control on the handle
- Triple lumen
- Compatible short and long guidewire

Supplier	Article Nr.	Description	Extremity length (cm)	Cutting wire length (mm)	Catheter length (cm)	Minimum order quantity
Vytil	NLS/STU-3RX-05-25	Papillotome for short and long guidewire	5	25	200	5
Vytil	NLS/STU-3RX-05-30	Papillotome for short and long guidewire	5	30	200	5
Vytil	NLS/ST-3RX-05-25	Papillotome PTFE covered for short and long guidewire	5	25	200	5
Vytil	NLS/ST-3RX-05-30	Papillotome PTFE covered for short and long guidewire	5	30	200	5



- Storage of accessories in the side pockets.
- Ideal for storing devices and supplies that can inadvertently fall on the floor, get misplaced, tangled, or damaged during procedures.

Supplier	Article Nr.	Description	Dimensions (cm)	Minimum order quantity
Steris	711750	Mio Medical Device Organizer	86 x 76	20
Steris	711751	Keeper Device Clip to keep the catheter coiled up	-	100



Infinity ERCP Sampling Device

- Soft bristles to capture abraded material and stiffer bristles to help create a defect in the tissue
- Spaces between the bristles to help pack cells into the catheter
- A nitinol drive wire to allow for greater pushability and resistance to kinking

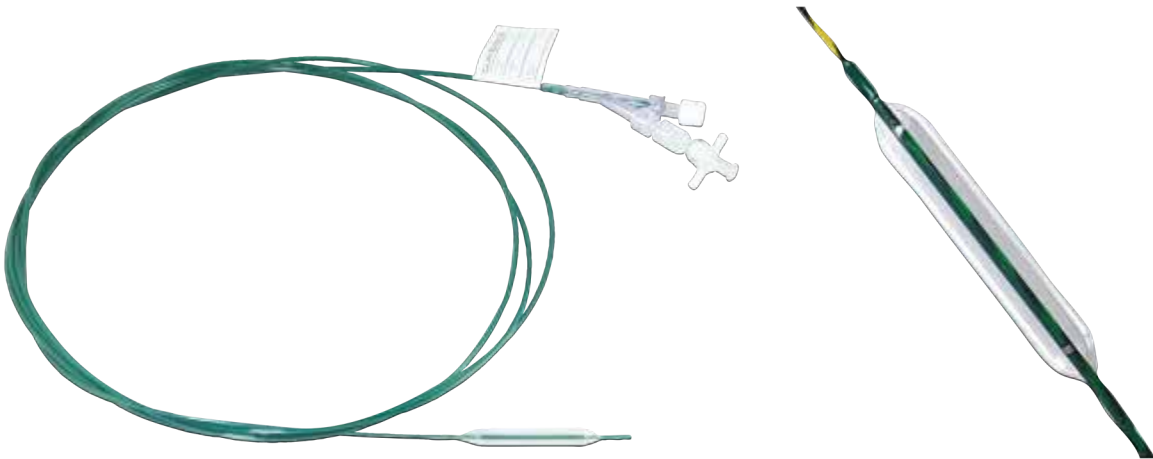
Histoguide

- Features a wire-guide for easy access into the biliary duct
- Includes standard size forceps with serrated jaws to effectively grab and acquire tissue to aid in diagnosis
- Offers a spring loaded handle to ensure forceps remain in closed position to retain collected tissue samples

Supplier	Article Nr.	Description	Additional information	Minimum order quantity
Steris	711652	Infinity ERCP sampling device	Sheath 3.0 mm / 9 Fr Length 200 cm	5
Steris	711653	Infinity ERCP sampling device	Sheath 2.5 mm / 7.5 Fr Length 200 cm	5
Steris	711660	Histoguide wire-guided forceps	Catheter diameter 2.1 mm Wire-guided diameter 3.5 mm Channel diameter min. 4.2 mm Jaw opening width 8.0 mm Length 230 cm	5

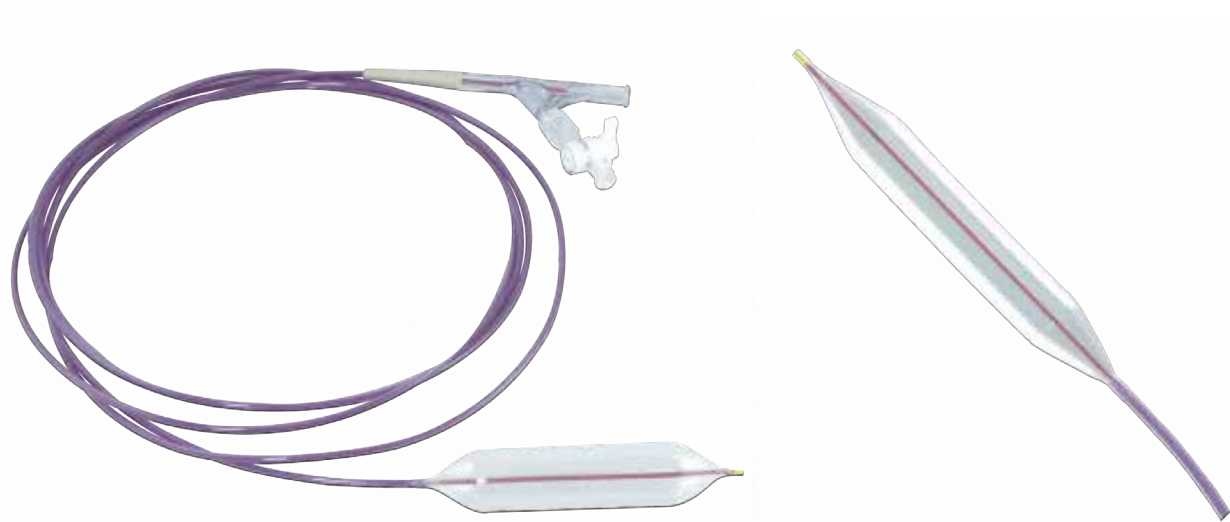
Dilation





- Available for oesophagus, cardia, pylorus, colon and biliary duct.
- All balloons are TTS compatible except achalasia balloons
- One size fits all
- 2 radiopaque marks
- Compatible with guidewires of 0.035 "maximum

Supplier	Article Nr.	Balloon		Catheter		Pressure (ATM) Recommended / Burst	Comments	Minimum order quantity
		Diameter (mm)	Length (mm)	Diameter (mm/fr)	Length (cm)			
Dilation balloon single diameter								
Vytil	CJ-JHY-BD-06-40-250	6	40	2.4 / 7	250	8 - 10	Operating channel diameter: ≥ 2,8 mm	1
Vytil	CJ-JHY-BD-08-40-250	8	40	2.4 / 7	250	8 - 10		
Vytil	CJ-JHY-BD-10-40-250	10	40	2.4 / 7	250	8 - 10		
Vytil	CJ-JHY-BD-12-60-250	12	60	2.4 / 7	250	5 - 6		
Vytil	CJ-JHY-BD-14-60-250	14	60	2.4 / 7	250	5 - 6		
Vytil	CJ-JHY-BD-16-60-250	16	60	2.4 / 7	250	5 - 6	Guide wire: 0.035"	
Vytil	CJ-JHY-BD-16-80-250	16	80	2.4 / 7	250	5 - 6		
Vytil	CJ-JHY-BD-18-80-250	18	80	2.4 / 7	250	4 - 5		
Vytil	CJ-JHY-BD-20-80-250	20	80	2.4 / 7	250	4 - 5		
Achalasia balloon single diameter								
Vytil	CJ-JHY-BD-30-80-90	30	80	6.7 / 20	90	2 - 3	OTW procedure guide wire: 0.035"	1
Vytil	CJ-JHY-BD-35-80-90	35	80	6.7 / 20	90	2 - 3		
Vytil	CJ-JHY-BD-40-80-90	40	80	6.7 / 20	90	2 - 3		



Supplier	Article Nr.	Balloon		Catheter		Pressure (ATM) Recommended / Burst	Comments	Minimum order quantity
		Diameter (mm)	Length (mm)	Diameter (mm/fr)	Length (cm)			
Compliant dilation balloon 3 diameters								
Vytil	NLS/BD3-6-240	6 / 7 / 8	30	2 / 6	240	3 / 4.5 / 6	Compatible with guide wire: 0.035"	3
Vytil	NLS/BD3-8-240	8 / 9 / 10	30	2 / 6	240	3 / 4.5 / 6		
Vytil	NLS/BD3-10-240	10 / 11 / 12	55	2.5 / 7.5	240	3 / 4.5 / 6		
Vytil	NLS/BD3-12-240	12 / 13.5 / 15	55	2.5 / 7.5	240	3 / 4.5 / 6		
Vytil	NLS/BD3-15-240	15 / 16.5 / 18	55	2.5 / 7.5	240	3 / 4.5 / 6		
Vytil	NLS/BD3-18-240	18 / 19 / 20	55	2.5 / 7.5	240	3 / 4.5 / 6		
Compliant dilation balloon 3 diameters pre-mounted on 0.035" guide wire Guide length: 300cm / hydrophilic length: 5.5cm								
Vytil	NLS/BD3-8-55-240-GW	8 / 9 / 10	55	2.4	240	3 / 4.5 / 6	Including guide wire : 0.035"	3
Vytil	NLS/BD3-10-55-240-GW	10 / 11 / 12	55			3 / 4.5 / 6		
Vytil	NLS/BD3-12-55-240-GW	12 / 13.5 / 15	55			3 / 4.5 / 6		
Vytil	NLS/BD3-15-55-240-GW	15 / 16.5 / 18	55			3 / 4.5 / 6		
Vytil	NLS/BD3-18-55-240-GW	18 / 19 / 20	55			3 / 4.5 / 6		
Vytil	NLS/BD3-12-80-240-GW	12 / 13.5 / 15	80			3 / 4.5 / 6		
Vytil	NLS/BD3-15-80-240-GW	15 / 16.5 / 18	80			3 / 4.5 / 6		
Vytil	NLS/BD3-18-80-240-GW	18 / 19 / 20	80			3 / 4.5 / 6		



- Endoscopic dilation bougie, with radio-opaque markers and graduation
- Wide range of diameter to meet different needs.

Supplier	Article Nr.	Description	Diameter (mm)	Minimum order quantity
Vytil	CJ-BOUGIES5	Disposable Bougie 85 cm length	5	1
Vytil	CJ-BOUGIES6		6	
Vytil	CJ-BOUGIES7		7	
Vytil	CJ-BOUGIES8		8	
Vytil	CJ-BOUGIES9		9	
Vytil	CJ-BOUGIES10		10	
Vytil	CJ-BOUGIES11		11	
Vytil	CJ-BOUGIES12		12	
Vytil	CJ-BOUGIES13		13	
Vytil	CJ-BOUGIES14		14	
Vytil	CJ-BOUGIES15		15	
Vytil	CJ-BOUGIES16		16	
Vytil	CJ-BOUGIES17		17	
Vytil	CJ-BOUGIES18		18	
Vytil	CJ-BOUGIES19		19	
Vytil	CJ-BOUGIES20		20	



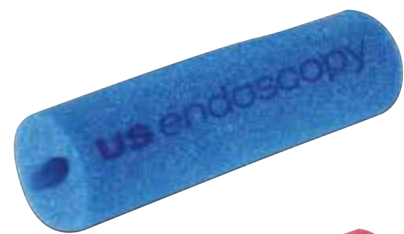
- Used to supply pressure through the catheter in order to inflate or deflate the balloon
- Compatible with any type of Luer Lock connection

Supplier	Article Nr.	Description	Maximal pressure (ATM / PSI)	Maximum volume (ml)	Minimum order quantity
Vytil	NLS/ID30A	Fluxy	30 / 440	20	20
Vytil	VTL/ID30B	Fluxy	30 / 440	30	20
Vytil	VTL/ID-60	Fluxy	12 / 176	60	5

Endoscope Care & Accessories



Tip Protectors



711621 & 711622



VTL/BUMPER-PE-M



VTL/BUMPER-PE-S

- Endoscope tip protection during storage and transport,
- Cellular plastic maintaining natural airflow conditions, prevents water stagnacy

Supplier	Article Nr.	Description	Outer diameter of the endoscope	Color	Minimum order quantity
Vytil	VTL/BUMPER-PE-S	Scope Tip Protection	from 4 to 8 mm	Blue	200
Vytil	VTL/BUMPER-PE-M	Scope Tip Protection	> 8 mm	Green	400
Steris	711621	EndoBoot	3.0 - 8.8 mm	Red	50
Steris	711622	EndoBoot	8.8 - 15.0 mm	Blue	50

Bite Block



NLS/BBS-O2



VTL/BT07



VTL/BB-PE-XL



712809



712808



712801

- To protect the endoscope during a gastroenteroscopy
- Strap material: rubber or spandex
- Various sizes available

Supplier	Article Nr.	Description	Strap	Opening diameter mm / fr	Minimum order quantity
Vytil	NLS/BBS-02	Bite-block with oxygen connector	Spandex	17.8 x 26 / 53	800
Vytil	VTL/BT07	Pediatric bite block	Spandex	19 x 26 / 48	400
Vytil	VTL/BB-PE-XL	Bite-block Adult - without any pigment	Spandex	22 / 66	400
Steris	712804	Bite Block-Maxi-Latex Free Strap	Rubber	20 / 60	100
Steris	712801	Bite Block- Adult-Latex Free Strap	Rubber	16 / 48	100
Steris	712808	Bite Block-Pediatric-Latex Free Strap	Rubber	12,67 / 38	25
Steris	712809	Bite Block-Intermediate-Latex Free Strap	Rubber	16 / 48	100
Steris	712812	Bite Block-Maxi-Woven Strap	Spandex	20 / 60	100

Dignity shorts



- Made from a 50% recycled non-woven fabric,
- Optimal packaging limiting waste generation,
- Flap with Velcro fastenings to keep the patient covered in both open and closed positions.

Supplier	Article Nr.	Short length (cm)	Waist circumference (cm)	Minimum order quantity
Vytil	VTL/EDS-XL	65	130	200

Air water Tubing



VTL/IT-002



VTL/IT-001



VTL/IT-003



VTL/IT-001-EX

- Minimizes cross contamination
- Easy and cost effective

Supplier	Article Nr.	Endoscope compatibility	Compatibility with CO2 insufflation	Particularities	Minimum order quantity
Vytil	VTL/TB1201	Fujifilm 700 Series	Yes	CO2 connection tubing length: 10 cm	40
Vytil	VTL/TB1202EXT	Fujifilm 700 Series	Yes	CO2 connection tubing length: 100 cm	40
Vytil	VTL/TB1101	Fujifilm 500/600 Series	Yes	CO2 connection tubing length: 10 cm	40
Vytil	VTL/TB1102EXT	Fujifilm 500/600 Series	Yes	CO2 connection tubing length: 110 cm	40
Vytil	VTL/TB0406	Pentax	No	Direct connection tubing to processor	40
Vytil	VTL/TB0403EXT	Pentax	Yes	CO2 connection tubing length: 100 cm	40

Supplier	Article Nr.	Description	Compatible water bottles	CO2 Line (cm)	Minimum order quantity
Vytil	VTL/IT-001	Insufflation and irrigation tubing for Olympus, CO2	All	10	50
Vytil	VTL/IT-001-EX	Insufflation and water tubing for Olympus, CO2 long	All	110	50
Vytil	VTL/IT-002	Insufflation and water tubing for Fujifilm 500/600, CO2	All	10	50
Vytil	VTL/IT-002-EX	Insufflation and water tubing for Fujifilm 500/600, CO2 long	All	110	50
Vytil	VTL/TB1201	Insufflation and water tubing for Fujifilm 700, CO2	All	10	50
Vytil	VTL- TB1202EXT	Insufflation and water tubing for Fujifilm 700, CO2 long	All	110	50
Vytil	VTL/IT-003	Insufflation and water tubing for Pentax, CO2	All	10	50
Vytil	VTL/IT-003-EX	Insufflation and water tubing for Pentax, CO2	All	110	50
Vytil	VTL/IT-004	Insufflation and water tubing for Pentax, independent connection insufflation	All	10	50
Vytil	VTL/CFT-001	CO2 tubing with with filter with luer Connection	n.a.	210	50
Vytil	VTL/CN04	Connector luer lock for Olympus CO2 Unit Reusable	/	/	5



VTL/IT-005

- Minimizes cross contamination
- Easy and cost effective
- Various solutions available

Supplier	Article Nr.	Description	Compatible pumps	Length (cm)	Minimum order quantity
Vytil	VTL/IT-005	Irrigation tubing diam. 6,4 mm	Olympus AFU-100, Olympus OFF, EGP-100 and ERBE EIP2	323	50
Vytil	VTL/CFT-001	CO2 tubing with hydrophobic filter for 24h use	/	210	60

Supplier	Article Nr.	Through the pump tube diameter(s) (mm)	Irrigation pump compatibility
Vytil	VTL/TB0701	9.7	Olympus OFF 2
Vytil	VTL/TB0702	7.85	Olympus OFF, Endostratus EGA-500, Endostat, EMED, ERBE EIP2
Vytil	VTL/TB0107	6.4 / 7.85	Olympus OFF, Endostratus EGA-500, Endostat, EMED, ERBE EIP2, Olympus AFU-100, Endogator EGP-100, UW600-II



VTL/WJC-241

- Minimizes the risk of cross contamination
- Eliminates the need for manual reprocessing

Supplier	Article Nr.	Particularities	Compatible endoscope	Minimum order quantity
Vytil	VTL/WJC-241	Metal + Plastic	Olympus	100
Vytil	VTL/WJC-251	Plastic	Olympus	100
Vytil	VTL/CN02	Plastic	Pentax	100
Vytil	VTL/CN03	Plastic	Fujifilm	100

Supplier	Article Nr.	Description	Compatible endoscope	Minimum order quantity
Walta	FU-CO-1	CO2 Adapter for Fujifilm GW-100	n.a.	1
Walta	OL-CO-1	CO2 Adapter for Olympus UCR	n.a.	1
Walta	FU-CO-2	CO2 Adapter for Fujifilm GW1	n.a.	1

Biopsy Valves Single Use



Compatible with Olympus & Fujifilm



Biopsy valve irrigator compatible with Olympus, Fujifilm



3-in-1 : Olympus & Fujifilm & Pentax



VALVE SET OLYMPUS :

- 1 biopsy valve
- 1 suction valve
- 1 air / water valve

- Disposable biopsy valves,
- Easy access to the working channel,
- Maintain irrigation pressure and minimize leakage,
- Reduce cross-contamination risk in between patients.

References	Description	Compatibility	Sterility	Packaging	Minimum delivery quantity
VTL/BP01S	Biopsy Valve	Olympus / Fujifilm	Sterile	Individual pouch	800
VTL/BP01-20		Olympus / Fujifilm	Non sterile	Pouch of 20 pcs	600
VTL/BP-OF-20		Olympus / Fujifilm	Non Sterile	Pouch of 20 pcs	600
VTL/BP-OF-01S		Olympus / Fujifilm	Sterile	Individual pouch	600
VTL/BP02S		Pentax	Sterile	Individual pouch	800
VTL/BP02-20*		Pentax	Non sterile	Pouch of 20 pcs	600
VTL/BP07S	Biopsy Valve irrigator	Olympus / Fujifilm	Sterile	Individual pouch	100
VTL/BP04S	Anti-splashing biopsy valve for bronchoscope	Olympus	Sterile	Individual pouch	800
NLS/BVNS-2-OFP	3-in-1 valve	Olympus / Fujifilm / Pentax	Sterile	Individual pouch	500
NLS/KBVNS-O*	Valve set	Olympus	Non sterile	Individual pouch	30

Valve Sets



- Set of single use valves and cleaning adapters for endoscopes,
- Limit the risk of cross-contamination,
- Sets composition according to local habits.



Primary packaging: individual pouch
Secondary packaging: cardboard box

References	Endoscope compatibility	Endoscope accessories				Cleaning adapters		Packaging	
		Air/water valve	Suction valve	Biopsy valve	Water Jet Connector	Suction channel	Air/water channel	Number of units per box	Number of units per cardboard
VTL/VS0102 (soon G-VS0102)	Olympus	X	X					50	200
G-VS0101*	Olympus	X	X	X				50	200
G-VS01	Olympus	X	X	X	X			50	200
G-VS0501*	Olympus	X	X	X	X		X	50	200
G-VS05*	Olympus	X	X	X	X	X	X	25	100
G/TBI301	Olympus					X		50	200
G-VS02*	Olympus						X	100	400
G-VSI302*	Olympus					X	X	25	100
G-VS0301*	Fujifilm 700	X	X	X				50	200
VTL/VS03 (soon G-VS03)	Fujifilm 700	X	X	X	X			50	200

*Special request, delivery time on demand.

Cleaning Brushes



Article nr.	Description	Operating channel diameter (mm)	Catheter		Simple / Double / Triple	Brush (mm)	
			Length & Color (cm)	Diameter (mm)		Length	Diameter
HN 1050110	Channel brush	1.2 - 1.6	100 - blue	1.0	—●	9	1.8
HN 1053010	Channel brush	1.8 - 2.6	100 - green	1.6	—●	20	3
HN 1055010	Channel brush	2.7 - 4.6	100 - yellow	1.8	—●	23	5
HN 1055023	Channel brush	2.7 - 4.6	230 - yellow	1.8	—●	23	5
HN 1061110	Valve brush	n.a.	15.5 sky blue	n.a.	●=●	30 / 20	11 / 5
HN 1050123	Channel brush	1.2 - 1.6	230 - blue	1.0	—●	9	1.8
HN 1053018	Channel brush	1.8 - 2.6	180 - green	1.6	—●	20	3
HN 1053023	Channel brush	1.8 - 2.6	230 - green	1.6	—●	20	3
HN 1055030	Channel brush	2.7 - 4.6	300 - yellow	1.8	—●	23	5
HN 1065010	Channel brush	2.7 - 4.6	100 - yellow	1.8	●—●	23 / 23	5
HN 1065023	Channel brush	2.7 - 4.6	230 - yellow	1.8	●—●	23 / 23	5
HN 1065028	Channel brush	2.7 - 4.6	280 - yellow	1.8	●—●	23 / 23	5
HN 1785023	Channel brush	2.7 - 4.6	230 - yellow	1.8	●—●—●	23 / 23 / 23	5

* Minimum order quantity: 50
** All compatibilities should be checked with endoscope specific features before use.

Cleaning Brushes



711618



711603



711609



711607



711612



711616 - 711617



711601



711610

References	Description	Operating channel diameter (mm)	Catheter		Simple, Double or Triple	Brush (mm)	
			Length & Color (cm)	Diameter (mm)		Length	Diameter
711603	Jumbo cleaning Brush	2.8 - 9.0	230 - white	1.7	—●	7-9 taper	
711601	Standard Channel Cleaning Brush	2.0 - 7.0	230 - white	1.7	—●	5-7 taper	
711607	Gemini Double Ended	2.0 - 7.0	230 - white	1.7	●—●	5-7 taper	
711610	Cleaning Brush - control head	n.a.	n.a.	n.a.	—●	40	10
711612	Wooly Brush	2.0 - 7.0	230 - orange	1.7	—●	40	5-7 taper
711616	Small wonder brush	1.0 - 2.25	160 - metal	0.5	—●	2.25	
711617	Small wonder brush	1.0 - 2.25	230 - metal	0.5	—●	2.25	
711618	DuoSwift Combination Squeegee Brush	2.8 - 7.0	230 - white	1.7	●—●	5-7 taper	
711609	Double header Combination	2.0 - 7.0	230 - white	1.7	●—●	5-7 taper	

* Minimum order quantity: 50 (except 711617 & 711616: 15 pieces)
** : All compatibilities should be checked with endoscope specific features before use.

Channel diameter (mm)	References		Catheter	Brush			Frequent use**
	Cleaning brush	References Kit cleaning brush + valve cleaning brush		Length (cm) and color	Diameter (mm)	Simple / Double / Triple	
1 – 1.7	VTL/ESB-230-02	VTL/KESB-230-02	230	230	0.8	●—	Auxiliary channel digestive scopes
	VTL/EDB-120-02	VTL/KEDB-120-02					
1.2 – 1.7	VTL/EDB-120-03	VTL/KEDB-120-03	120	120	1.6	●—●	Ureteroscopes, pediatric bronchoscopes, intubation scopes
	VTL/EDB-230-03	VTL/KEDB-230-03	230	230	1.6	●—●	Bronchoscopes auxiliary channels
	VTL/EDB-300-03*	VTL/KEDB-300-03*	300	300	1.6	●—●	Bronchoscopes, nasogastroscope, cystoscopes
	VTL/EDB-120-06	VTL/KEDB-120-06	120	120	1.8	●—●	Pediatric gastroscopes
2.8 - 5	VTL/EDB-230-06	VTL/KESB-230-06	230	230	1.8	—●	Pediatric enteroscopes
	VTL/EDB-230-06	VTL/KEDB-230-06	230	230	1.8	●—●	Rigid cystoscopes, large channel bronchoscopes
	VTL/ETB-230-06S05	VTL/KETB-230-06S05	230	230	1.8	●—●—● Including sweeper	Gastrosopes, colonoscopes, duodenoscopes, EUS scopes
	VTL/EDB-300-06*	VTL/KEDB-300-06*	300	300	1.8	●—●	Gastrosopes, colonoscopes, duodenoscopes, EUS scopes
							Suction channels



Primary packaging: pouch
Secondary packaging: cardboard box

*Special request, delivery time on demand.
**All compatibilities should be checked with endoscope specific features before use.

Cleaning Brushes



Working channel diameter (mm)	References		Catheter		Brush			Frequent use**
			Length (cm) and color	Diameter (mm)	Simple / Double / Triple	Length (mm)	Diameter (mm)	
1 – 1.7	VTL/KE-D23006-S23002		230	0.8	●—	10 / 10	2	Digestive scopes with auxiliary channel (duodenoscopes, EUS scopes)
			230	1.8	●—●	20 / 20	6	
1.8 – 2.7	VTL/KE-I20-03-028-06		120	1.6	●—●	20 / 20	3	Bronchoscopes with suction channel (bronchoscopes & EUS scopes)
			28	1.8	—●	20 / 20	6	
1.8 – 2.7	VTL/KE-D23006-D23003		230	1.6	●—●	20 / 20	3	Pediatric gastrosopes
			230	1.8	●—●	20 / 20	6	

*Special request, delivery time on demand.
**All compatibilities should be checked with endoscope specific features before use.



Primary packaging: pouch
Secondary packaging: cardboard box

Other Brushes

References	Description	Total length (cm) and color	Brush	
			Simple / Double / Triple	Length (mm)
VTL/GDB-I 1-05	Valve cleaning brush	16	●—●	32 / 20
VTL/GSB-02*	Brush for duodenoscope & EUS scope head	9	—●	10
VTL/Ubrush	U-shape bruch for endoscope external sheath cleaning	150	C	80
				25



- Replacement tube for percutaneous endoscopic gastrostomy
- Double ENFIT connector
- Radiopaque tube
- Tube length: 24 cm

Supplier	Article Nr.	Tube diameter (Fr)	Balloon volume (ml)	Color code	Minimum order quantity
Vytil	VTL/RTPEG-12*	12	5	White	20
Vytil	VTL/RTPEG-14	14	5	Green	
Vytil	VTL/RTPEG-16	16	20	Orange	
Vytil	VTL/RTPEG-18	18	20	Red	
Vytil	VTL/RTPEG-20	20	20	Yellow	
Vytil	VTL/RTPEG-22*	22	20	Purple	
Vytil	VTL/RTPEG-24	24	20	Dark blue	



- Endoscopic Gastrostomy kit, in standard or luxury version
- Standard version contains : traction removable PULL PEG Tube; feeding adapter; feeding ENFIT adapter; retention ring; 2 needles (19 G and 25 G); 1 placement wire
- 10 ml syringe; scalpel; introducer needle; tubing clamp; 10*10 cm gauze sponges; fenestrated drape
- In addition, Luxury version contains a polypectomy snare; 1 scissors and 1 tweezers
- Different diameter of Gastrostomy tube available

Supplier	Article Nr. Standard kit	Article Nr. Luxury kit	Diameter Gastrostomy tube (Fr)	Minimum order quantity
Vytil	VTL/KPEG-12S*	VTL/KPEG-12L*	12	5
Vytil	VTL/KPEG-14S*	VTL/KPEG-14L	14	
Vytil	VTL/KPEG-16S*	VTL/KPEG-16L	16	
Vytil	VTL/KPEG-18S*	VTL/KPEG-18L	18	
Vytil	VTL/KPEG-20S*	VTL/KPEG-20L	20	
Vytil	VTL/KPEG-22S*	VTL/KPEG-22L*	22	
Vytil	VTL/KPEG-24S*	VTL/KPEG-24L	24	

* Special request, delivery time on demand.

Stents

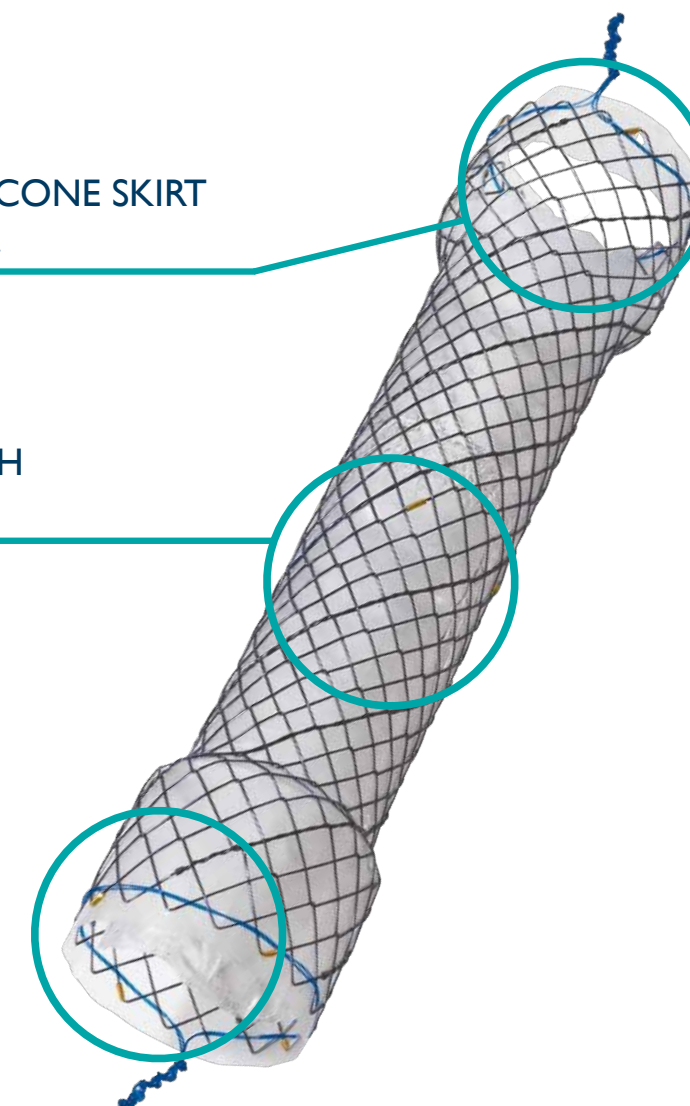


Esophageal stents

TULIP COLLAR WITH SILICONE SKIRT
Limits the risk of granuloma

CROSS-CROCHETED MESH
Anatomical conformability

ANTI-REFLUX VALVE*
Patented system

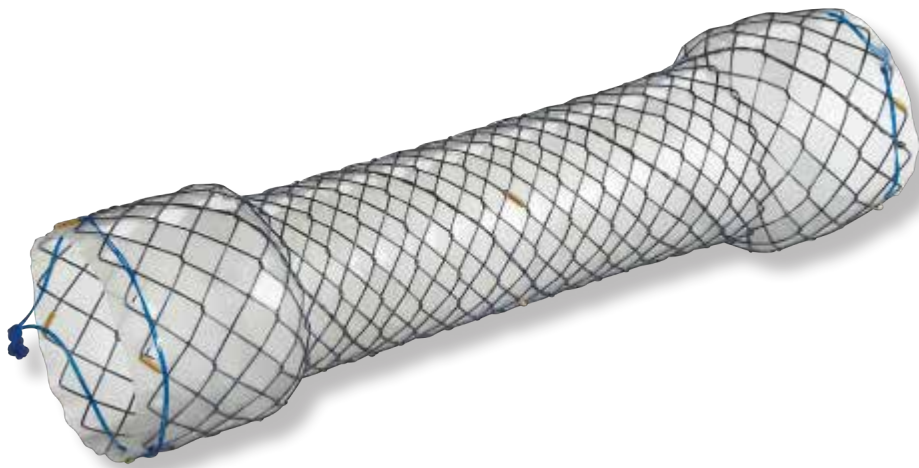


Minimum delivery quantity: 1
Primary packaging: Tyvek
Secondary packaging: Cardboard

HANAROSTENT® RANGE OF ESOPHAGEAL PROSTHESES

Self-expanding metal esophageal stents.
Coiled structure for high radial strength.
12 gold markers and radiopaque olive.
Internal silicone cover to limit proliferation through the mesh.
Lasso for repositioning or extraction.

HANAROSTENT® - ECV
COVERED ESOPHAGEAL



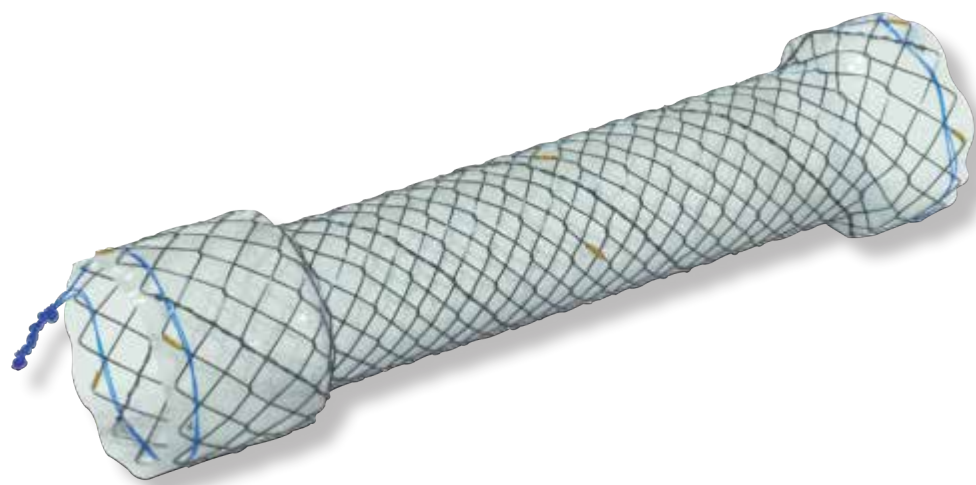
- Standard symmetrical,
- Fully silicone-coated,
- 2 lassos,
- OTW introducer.



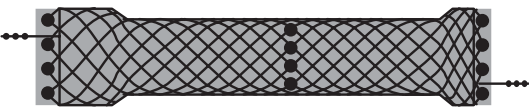
References	Prothese (mm)				Introducer		Maximum guide diameter
	Useful length	Total length	Diameter	Lasso	Length (cm)	Diameter (mm / fr)	
ECV20080-X070	40	80	26-20-26	Yes 2	70	6 / 18	0,038"
ECV20110-X070	70	110	26-20-26	Yes 2	70	6 / 18	0,038"
ECV20140-X070	100	140	26-20-26	Yes 2	70	6 / 18	0,038"
ECV20170-X070	130	170	26-20-26	Yes 2	70	6 / 18	0,038"

Type of installation	Cover	Prosthesis characteristics	References	Prothese (mm)			Diagrams
				Useful length	Total length	Diameters	
6 mm OTW	Total	Esophageal Covered Stent with double lasso	HES-22-080-070	80	80	22	
			HES-22-110-070	110	100	22	
			HES-22-140-070	140	120	22	
			ECN18060-X070	30	60	24-18-24	
6 mm OTW	Total	Asymmetric Short upper collar	ECN18090-X070	60	90	24-18-24	
			ECN18110-X070	80	110	24-18-24	
			ECN24110-Z070	80	110	32-24-32	
			ECN24180-Z070	150	180	32-24-32	
8 mm OTW	Total	Standard symmetrical	ECV20080-X070	40	80	26-20-26	
			ECV20110-X070	70	110	26-20-26	
			ECV20140-X070	100	140	26-20-26	
			ECV20170-X070	130	170	26-20-26	
6 mm OTW	Total	Symmetrical Reinforced coverage	EBN22080-Z070	40	80	28-22-28	
			EBN22120-Z070	80	120	28-22-28	
			ECV22090-Z070	50	90	28-22-28	
			ECV22120-Z070	80	120	28-22-28	
6 mm OTW	Partial	With anti-reflux valve	ECV22160-Z070	120	160	28-22-28	
			ECBB-28-180-090	145	180	28-24-28-32	
			ECBB-28-210-090	175	210	28-24-28-32	
			ECBB-28-240-090	205	240	28-24-28-32	
6 mm OTW	Partial	Standard symmetrical	EPV-20-100-070	60	100	26-20-26	
			EPW-20-150-070	110	150	26-20-26	
			EPV-22-120-070	80	120	28-22-28	
			ECBA-18-090-230	50	90	26-18-26	
10,5 Fr / 3,5 mm TTS	Partial	Symmetrical	ECBA-18-120-230	80	120	26-18-26	
			ECBA-18-150-230	110	150	26-18-26	
			EPBA-20-090-230	60	90	26-20-26	
			EPBA-20-120-230	90	120	26-20-26	

HANAROSTENT® - ECN
COVERED ESOPHAGEAL - SHORT UPPER COLLAR

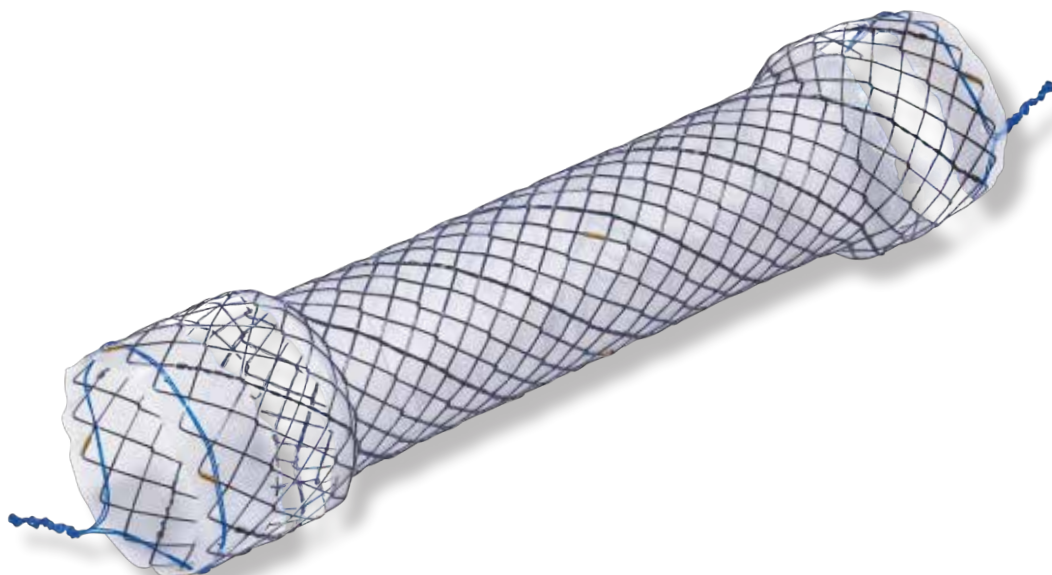


- Asymmetrical: short upper shoulder for placement in the upper third of the esophagus,
- Fully silicone-covered,
- 2 loops,
- 2 diameters available: 18 and 24 mm,
- OTW introducer.

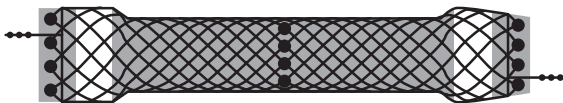


References	Prothese (mm)				Introducer		Maximum guide diameter
	Useful length	Total length	Diameter	Lasso	Length (cm)	Diameter (mm / fr)	
ECN18060-X070	30	60	24-18-24	Yes 2	70	6 / 18	0,038"
ECN18090-X070	60	90	24-18-24	Yes 2	70	6 / 18	0,038"
ECN18110-X070	80	110	24-18-24	Yes 2	70	6 / 18	0,038"
ECN24110-Z070	80	110	32-24-32	Yes 2	70	8 / 24	0,038"
ECN24180-Z070	150	180	32-24-32	Yes 2	70	8 / 24	0,038"

HANAROSTENT® - EPW
PARTIALLY COVERED ESOPHAGEAL

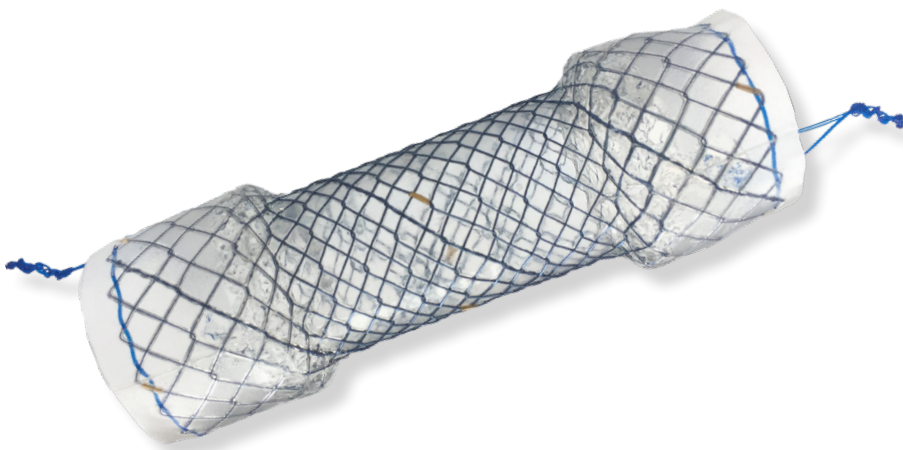


- Partially silicone-coated flanges: each shoulder has an uncovered ring that limits the risk of migration,
- Anti-granuloma covered ends,
- Contoured upper shoulder,
- 2 lassos,
- OTW introducer.



References	Prothese (mm)				Introducer		Maximum guide diameter
	Useful length	Total length	Diameter	Lasso	Length (cm)	Diameter (mm / fr)	
EPW-20-100-070	60	100	26-20-26	Yes 2	70	6 / 18	0,038"
EPW-20-150-070	110	150	26-20-26	Yes 2	70	6 / 18	0,038"

HANAROSTENT® - EBN
REINFORCED SILICONE ESOPHAGEAL COVER

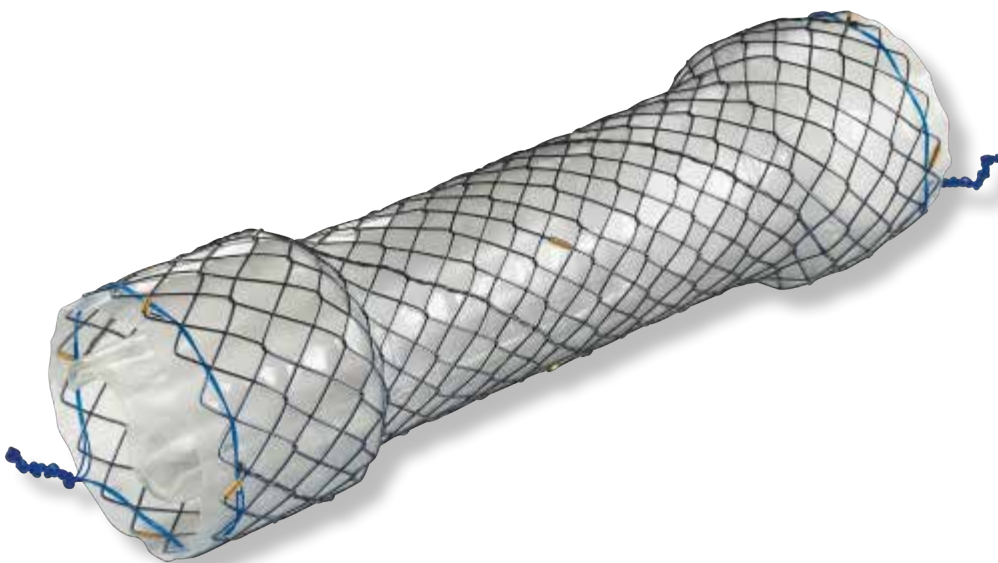


- Contoured upper shoulder,
- Full, reinforced, multi-layer silicone cover,
- 2 lassos,
- OTW introducer.

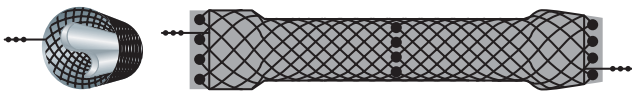


References	Prothese (mm)				Introducer		Maximum guide diameter
	Useful length	Total length	Diameter	Lasso	Length (cm)	Diameter (mm / fr)	
EBN22080-Z070	40	80	28-22-28	Yes 2	70	8 / 24	0,038"
EBN22120-Z070	80	120	28-22-28	Yes 2	70	8 / 24	0,038"

HANAROSTENT® - ECW
COVERED ESOPHAGEAL
ANTI-REFLUX VALVE - LOWER THIRD

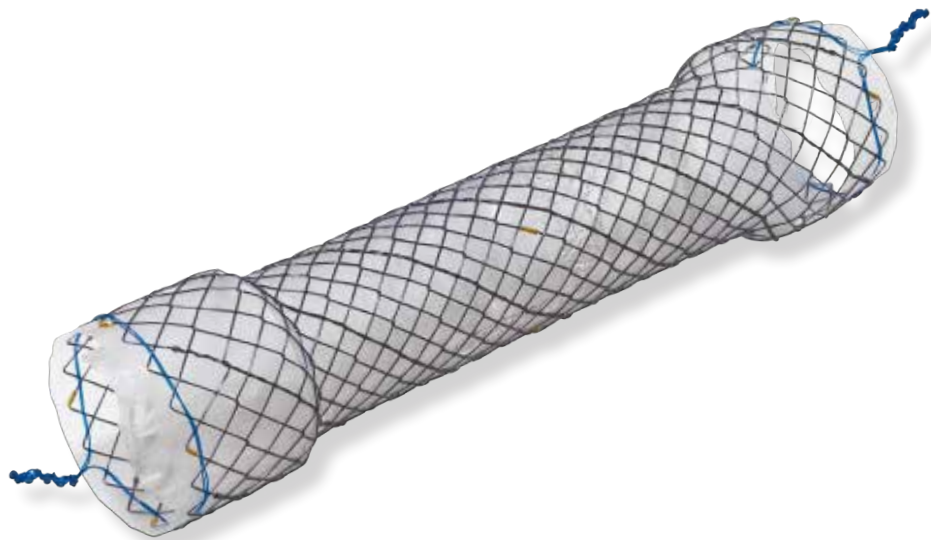


- Contoured upper shoulder,
- Patented anti-reflux «S» valve,
- Fully covered in silicone,
- 2 lassos,
- Introducteur OTW.

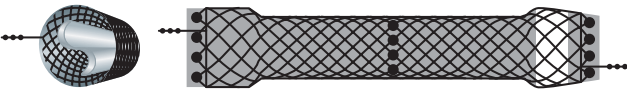


References	Prothese (mm)				Introducer		Maximum guide diameter
	Useful length	Total length	Diameter	Lasso	Length (cm)	Diameter (mm / fr)	
ECW22090-Z070	50	90	28-22-28	Yes 2	70	8 / 24	0,038"
ECW22120-Z070	80	120	28-22-28	Yes 2	70	8 / 24	0,038"
ECW22160-Z070	120	160	28-22-28	Yes 2	70	8 / 24	0,038"

HANAROSTENT® - EPV
PARTIALLY COVERED ESOPHAGEAL VALVE
ANTI-REFLUX VALVE - LOWER THIRD

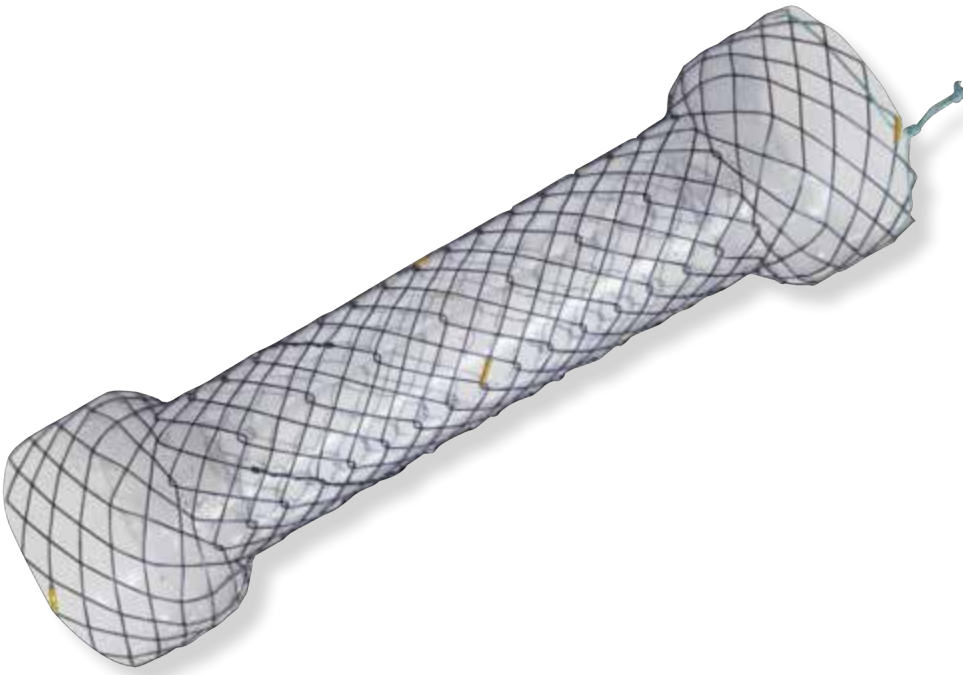


- Anti-reflux «S» valve (patented system),
- Upper shoulder partially covered with silicone to limit the risk of migration,
- Anti-granuloma covered ends,
- 2 lassos,
- OTW introducer.

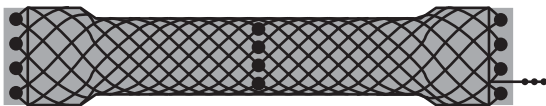


References	Prothese (mm)				Introducer		Maximum guide diameter
	Useful length	Total length	Diameter	Lasso	Length (cm)	Diameter (mm / fr)	
EPV-22-120-070	80	120	28-22-28	Yes, 2	70	8 / 24	0,038"

HANAROSTENT® - ECBA
COVERED ESOPHAGEAL - TTS

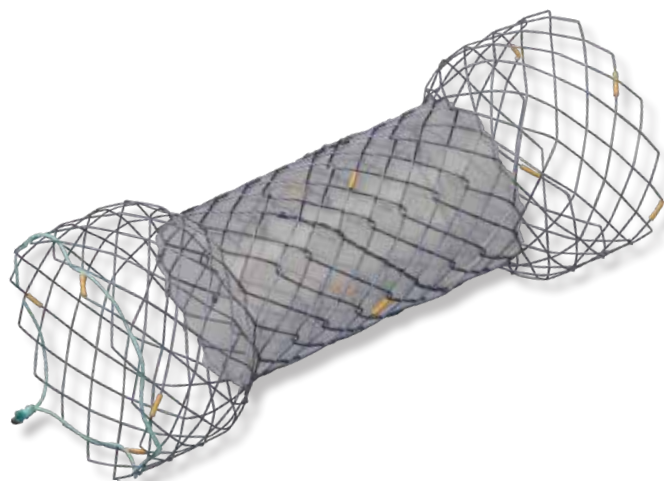


- Double shoulder,
- Fully silicone-covered,
- 1 lasso,
- TTS introducer.

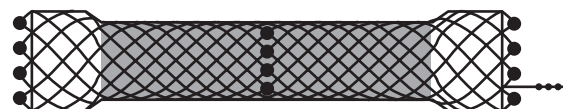


References	Prothese (mm)				Introducer		Maximum guide diameter
	Useful length	Total length	Diameter	Lasso	Length (cm)	Diameter (mm / fr)	
ECBA-18-090-230	50	90	26-18-26	Yes 1	230	3,5 / 10,5	0,038"
ECBA-18-120-230	90	120	26-18-26	Yes 1	230	3,5 / 10,5	0,038"
ECBA-18-150-230	110	150	26-18-26	Yes 1	230	3,5 / 10,5	0,038"

HANAROSTENT® - ECBA
PARTIALLY COVERED ESOPHAGEAL - TTS



- Partially covered with silicone: the uncovered shoulders limit the risk of migration,
- 1 repositioning lasso,
- TTS introducer,

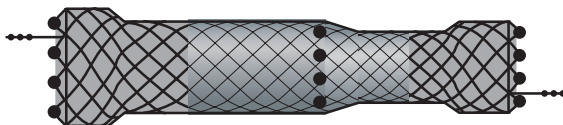


References	Prothese (mm)				Introducer		Maximum guide diameter
	Useful length	Total length	Diameter	Lasso	Length (cm)	Diameter (mm / fr)	
EPBA-20-090-230	60	90	26-20-26	Yes 1	230	3,5 / 10,5	0,038"
EPBA-20-120-230	90	120	26-20-26	Yes 1	230	3,5 / 10,5	0,038"
EPBA-20-150-230	120	150	26-20-26	Yes 1	230	3,5 / 10,5	0,038"

HANAROSTENT® - ECBB
COVERED ESOPHAGEAL FOR BARIATRIC

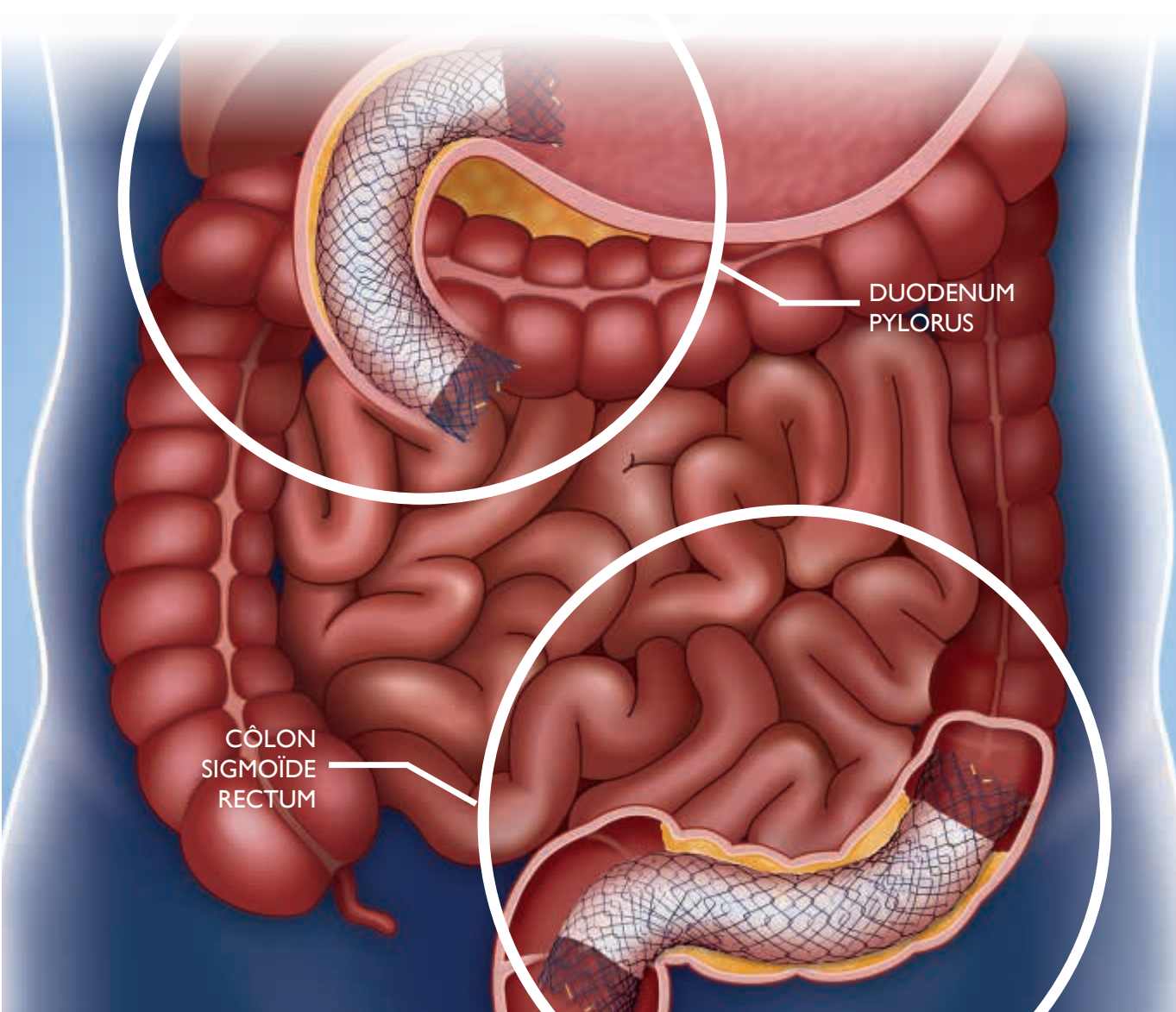


- Fully silicone-coated, reinforced cover,
- Large diameter to conform to the digestive wall, limiting the risk of migration,
- Articulated, flexible structure and external coverage over the cardiac area: anatomical conformability,
- 2 lassos,
- OTW introducer.



References	Prothese (mm)				Introducer		Maximum guide diameter
	Useful length	Total length	Diameter	Lasso	Length (cm)	Diameter (mm / fr)	
ECBB-28-180-090	145	180	28-24-28-32	Yes 2	90	8 / 24	0,038"
ECBB-28-210-090	175	210	28-24-28-32	Yes 2	90	8 / 24	0,038"
ECBB-28-240-090	205	240	28-24-28-32	Yes 2	90	8 / 24	0,038"

ENTEREAL STENTS



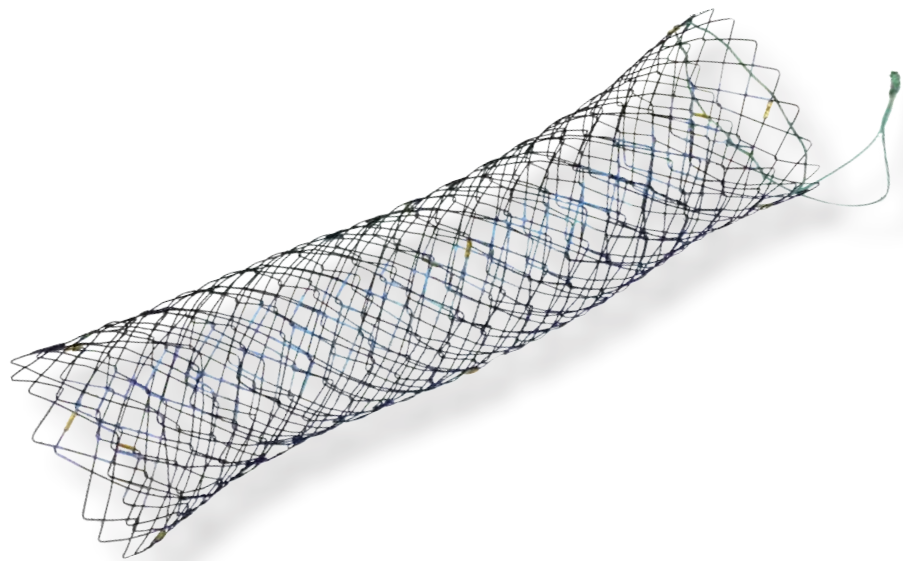
Minimum delivery quantity: 1
Primary packaging: Tyvek
Secondary packaging: Cardboard

HANAROSTENT® ENTEREAL STENT RANGE

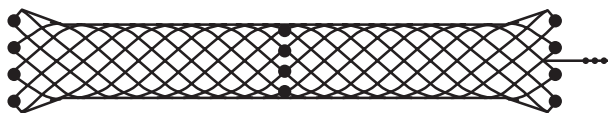
Self-expanding metal enteral stents.
Monofilament shape-memory nitinol mesh with atraumatic ends.
Highly flexible stent for good conformity to the patient's anatomy.
Oblique crochet mesh for high radial strength and gradual release.
Ends with uncovered flares to reduce the risk of migration.
Gold markers and radiopaque olive.
Lasso for repositioning.

Installation area	Duodenum / Pylore				Colon - Rectum				Intestin
	Installation type	TTS 10,2 Fr / 3,4 mm			8 mm OTW	TTS 10,2 Fr / 3,4 mm			
Coverage	Without	Partial		Withouts	Partial	Total	Partial		
Mesh type	Double		Simple	Double		Simple			
Prosthesis characteristics	References	Useful length		Total length		Diameters	Number of lasso(s)	Diagrams	
Force axiale réduite	DNZL-20-080-230	50	80	26-20-26	1				
	DNZL-20-110-230	80	110	26-20-26	1				
	DNZL-20-140-230	110	140	26-20-26	1				
Force axiale réduite	TLD-20-060-230	30	60	26-20-26	No				
	TLD-20-100-230	70	100	26-20-26	No				
Force axiale réduite Colerette pylorique	DPDL-20-110-230	74	110	22-20-40	1				
	DPDL-20-130-230	94	130	22-20-40	1				
Colerette pylorique	DPC-20-090-230	62	90	22-20-40	1				
	DPC-20-110-230	82	110	22-20-40	1				
	DPC-20-130-230	102	130	22-20-40	1				
Force axiale réduite	CNZ-22-080-230	50	80	28-22-28	1				
	CNZ-22-110-230	80	110	28-22-28	1				
	CNZ-22-140-230	110	140	28-22-28	1				
	CNZ-22-170-230*	140	170	28-22-28	1				
Force axiale réduite	TLC-22-060-230	30	60	28-22-28	No				
	TLC-22-100-230	70	100	28-22-28	No				
	TLC-22-140-230*	110	140	28-22-28	No				
Symétrique évasée	CCBA-20-100-230	64	100	26-20-26	1				
	CCBA-20-130-230	94	130	26-20-26	1				
Colerettes anti-migration	CCN24050-2070	20	50	32-24-32	2				
	CCN24080-2070	50	80	32-24-32	2				
	CCN24150-2070	120	150	32-24-32	2				
Lasso traversant	HRC-20-060-230*	20	60	40-20-26	2				
	HRC-20-080-230	40	80	40-20-26	2				

HANAROSTENT® - DNZL
DUODENAL & PYLORIC UNCOVERED
REDUCED AXIAL FORCE

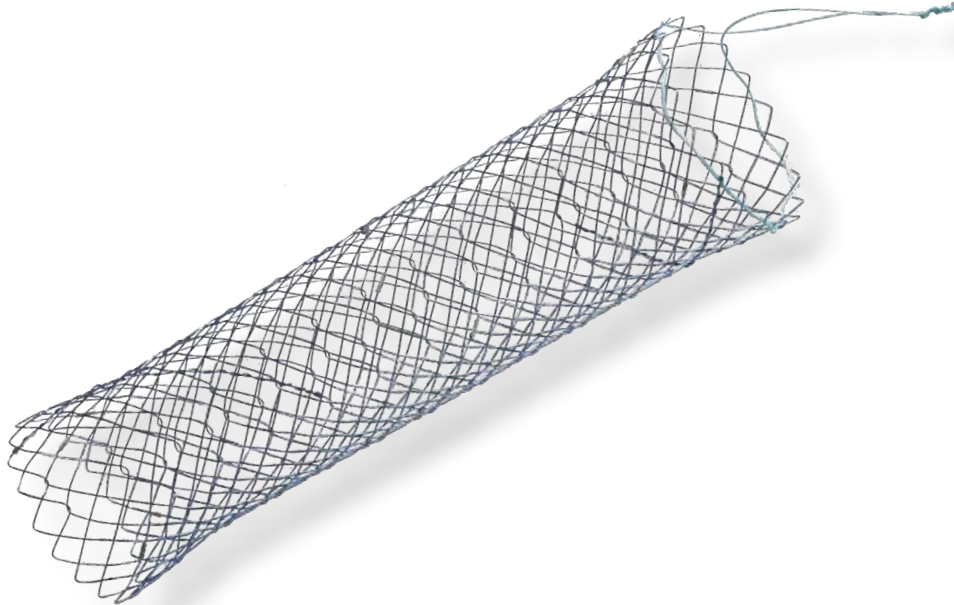


- Double mesh, excellent conformability,
- Uncovered,
- 1 repositioning lasso,
- TTS introducer.

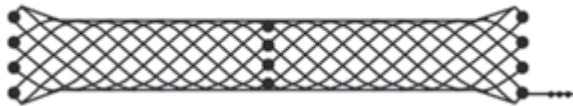


References	Prothese (mm)				Introducer		Rechargable	Maximum guide diameter
	Useful length	Total length	Diameter	Lasso	Length (cm)	Diameter (mm / fr)		
DNZL-20-080-230	50	80	26-20-26	Yes 1	230	3,4 / 10,2	Yes	0,038"
DNZL-20-110-230	80	110	26-20-26	Yes 1	230	3,4 / 10,2	Yes	0,038"
DNZL-20-140-230	110	140	26-20-26	Yes 1	230	3,4 / 10,2	Yes	0,038"

HANAROSTENT® - NDSL
DUODENAL & PYLORIC UNCOVERED
LARGE MESH



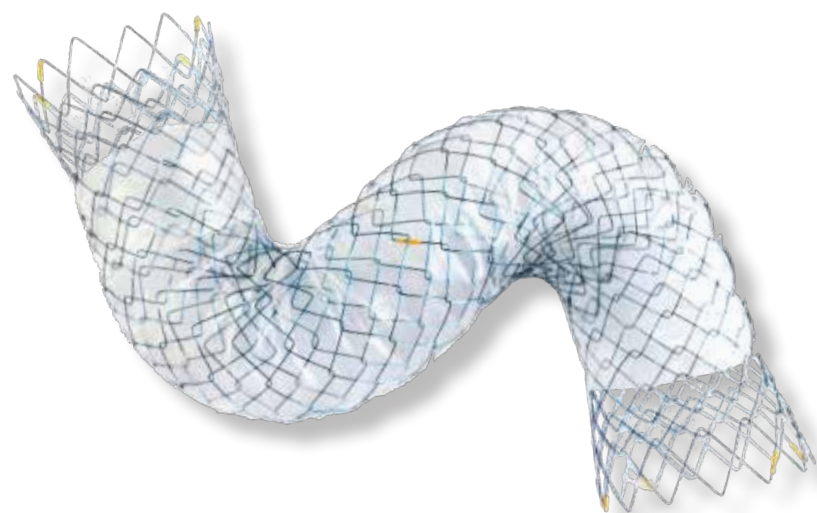
- Uncovered,
- 1 repositioning lasso
- TTS introducer.



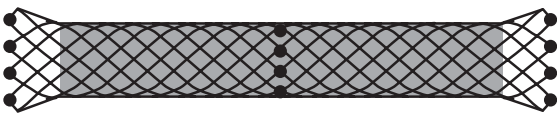
References	Prothese (mm)				Introducer		Rechargable	Maximum guide diameter
	Useful length	Total length	Diameter	Lasso	Length (cm)	Diameter (mm / fr)		
NDSL-20-080-230	50	80	26-20-26	Yes 1	230	3,4 / 10,2	Yes	0,038"
NDSL-20-110-230	80	110	26-20-26	Yes 1	230	3,4 / 10,2	Yes	0,038"
NDSL-20-140-230	110	140	26-20-26	Yes 1	230	3,4 / 10,2	Yes	0,038"

HANAROSTENT® - TLD

PARTIALLY COVERED DUODENAL & PYLORIC - REDUCED AXIAL FORCE



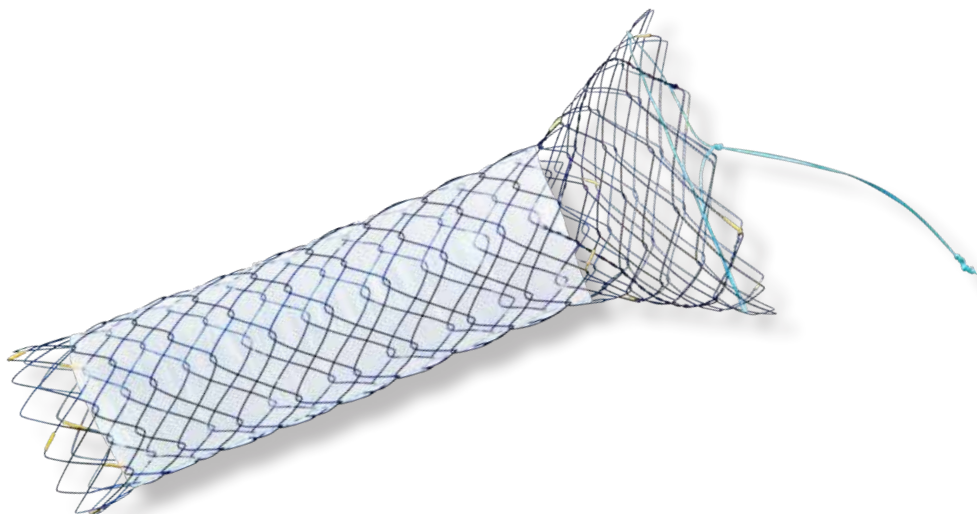
- Double mesh: excellent conformability,
- 2 uncovered ends,
- Silicone cover on the central part,
- TTS introducer.



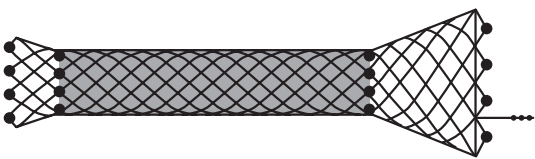
References	Prothese (mm)				Introducer		Rechargable	Maximum guide diameter
	Useful length	Total length	Diameter	Lasso	Length (cm)	Diameter (mm / fr)		
TLD-20-060-230	30	60	26-20-26	No	230	3,4 / 10,2	Yes	0,038"
TLD-20-100-230	70	100	26-20-26	No	230	3,4 / 10,2	Yes	0,038"

HANAROSTENT® - DPDL

PARTIALLY COVERED PYLORIC - REDUCED AXIAL FORCE

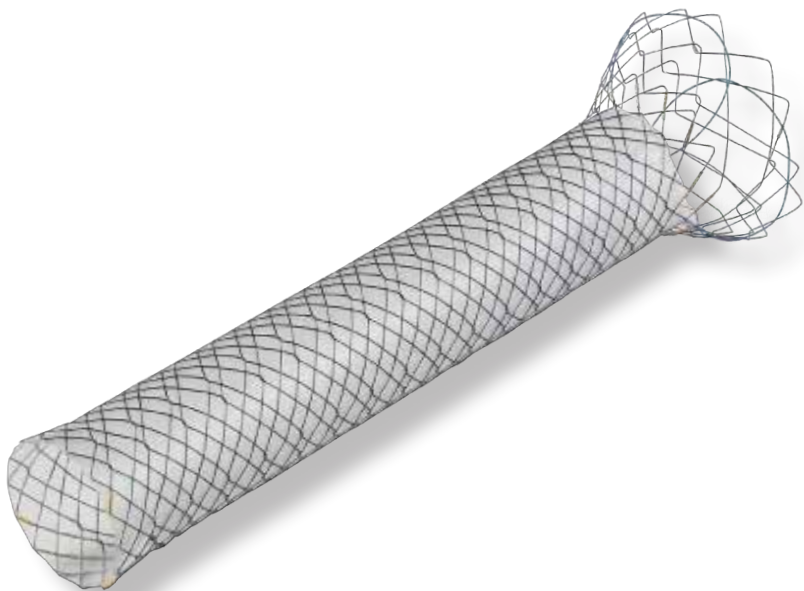


- Double mesh: excellent conformability,
 - Silicone coverage over the central area,
 - Extra-wide upper collar,
 - 2 uncovered ends,
 - 1 upper repositioning lasso,
 - TTS introducer.
- 16 radiopaque markings:
 - 4 at each end,
 - 4 at each end of the silicone cover.

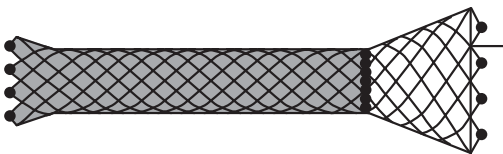


References	Prothese (mm)				Introducer		Rechargable	Maximum guide diameter
	Useful length	Total length	Diameter	Lasso	Length (cm)	Diameter (mm / fr)		
DPDL-20-110-230	74	110	22-20-40	Yes 1	230	3,4 / 10,2	Yes	0,038"
DPDL-20-130-230	94	130	22-20-40	Yes 1	230	3,4 / 10,2	Yes	0,038"

HANAROSTENT® - DPC
PARTIALLY COVERED PYLORIC

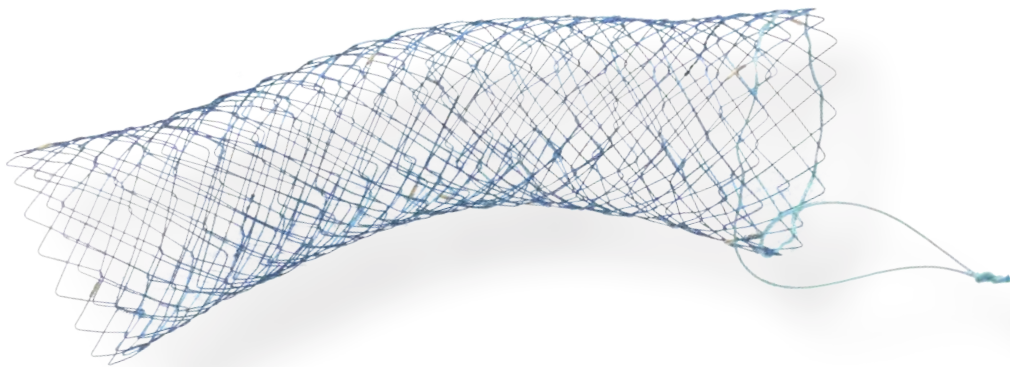


- Extra-wide, uncovered upper collar,
 - Fully covered intraduodenal area,
 - 1 upper repositioning lasso,
 - TTS introducer.
-
- 22 gold markings:
 - 4 at each end: fluoroscopic marking,
 - 14 at the silicone junction: endoscopic visual marking.



References	Prothese (mm)				Introducer		Rechargable	Maximum guide diameter
	Useful length	Total length	Diameter	Lasso	Length (cm)	Diameter (mm / fr)		
DPC-20-090-230	62	90	22-20-40	Yes 1	230	3,4 / 10,2	Yes	0,038"
DPC-20-110-230	82	110	22-20-40	Yes 1	230	3,4 / 10,2	Yes	0,038"
DPC-20-130-230	102	130	22-20-40	Yes 1	230	3,4 / 10,2	Yes	0,038"

HANAROSTENT® - CNZ
UNCOVERED COLONIC - REDUCED AXIAL FORCE



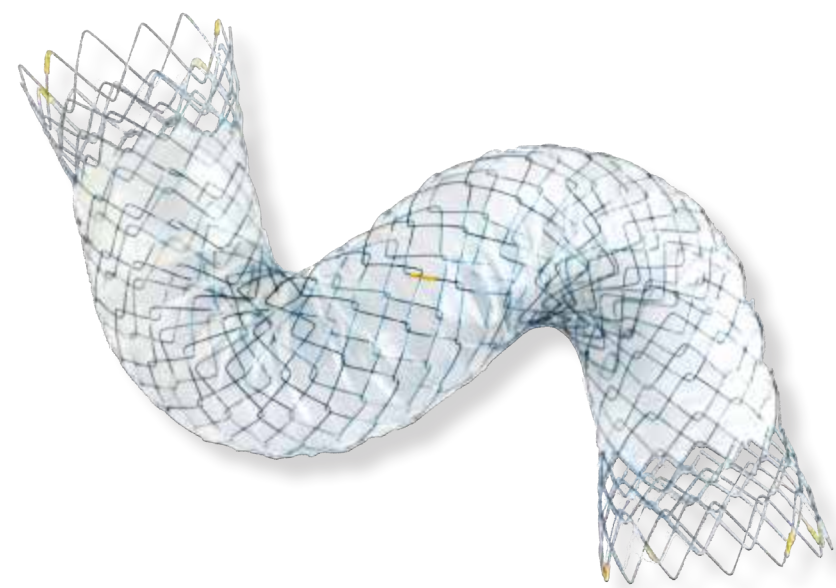
- Double mesh: excellent conformability,
- 1 repositioning lasso,
- TTS introducer.



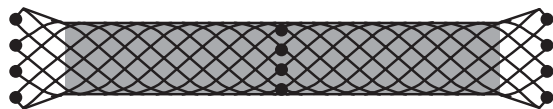
References	Prothese (mm)				Introducer		Rechargable	Maximum guide diameter
	Useful length	Total length	Diameter	Lasso	Length (cm)	Diameter (mm / fr)		
CNZ-22-080-230	50	80	28-22-28	Yes 1	230	3,4 / 10,2	Yes	0,038"
CNZ-22-110-230	80	110	28-22-28	Yes 1	230	3,4 / 10,2	Yes	0,038"
CNZ-22-140-230	110	140	28-22-28	Yes 1	230	3,4 / 10,2	Yes	0,038"
CNZ-22-170-230*	140	170	28-22-28	Yes 1	230	3,4 / 10,2	Yes	0,038"

** Special order, available in 4 to 6 weeks.

HANAROSTENT® - CNZ
PARTIALLY COVERED COLONIC - REDUCED AXIAL
FORCE



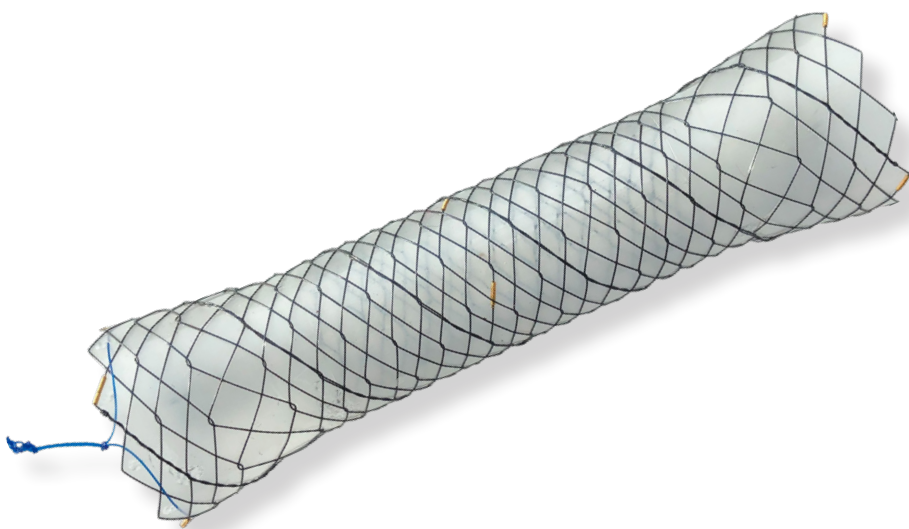
- Double mesh: excellent conformability,
- 2 uncovered ends,
- Silicone cover on the central area,
- TTS introducer.



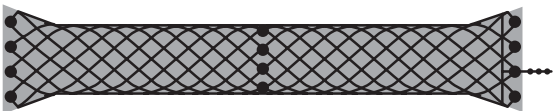
References	Prothese (mm)				Introducer		Rechargable	Maximum guide diameter
	Useful length	Total length	Diameter	Lasso	Length (cm)	Diameter (mm / fr)		
TLC-22-060-230	30	60	28-22-28	No	230	3,4 / 10,2	Yes	0,038"
TLC-22-100-230	70	100	28-22-28	No	230	3,4 / 10,2	Yes	0,038"
TLC-22-140-230*	110	140	28-22-28	No	230	3,4 / 10,2	Yes	0,038"

*Special order, available in 4 to 6 weeks.

HANAROSTENT® - CCBA
COVERED COLONIC TTS

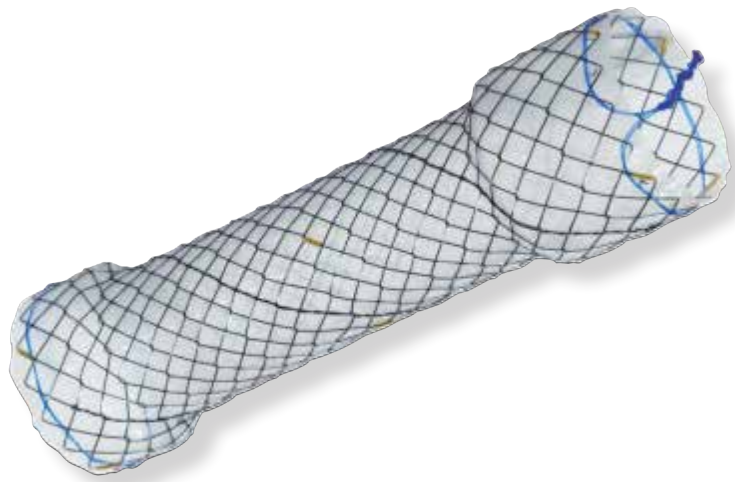


- Flared ends,
- Fully covered,
- Repositioning lasso,
- TTS introducer.

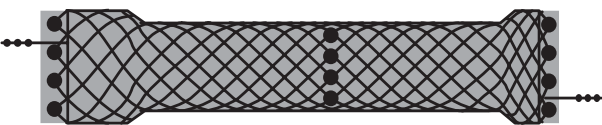


References	Prothese (mm)				Introducer		Rechargable	Maximum guide diameter
	Useful length	Total length	Diameter	Lasso	Length (cm)	Diameter (mm / fr)		
CCBA-20-100-230	64	100	26-20-26	Yes 1	230	3,4 / 10,2	Yes	0,038"
CCBA-20-130-230	94	130	26-20-26	Yes, 1	230	3,4 / 10,2	Yes	0,038"

HANAROSTENT® - CCN
COVERED COLORECTAL - INSTALLATION
OUTSIDE THE OPERATING CHANNEL

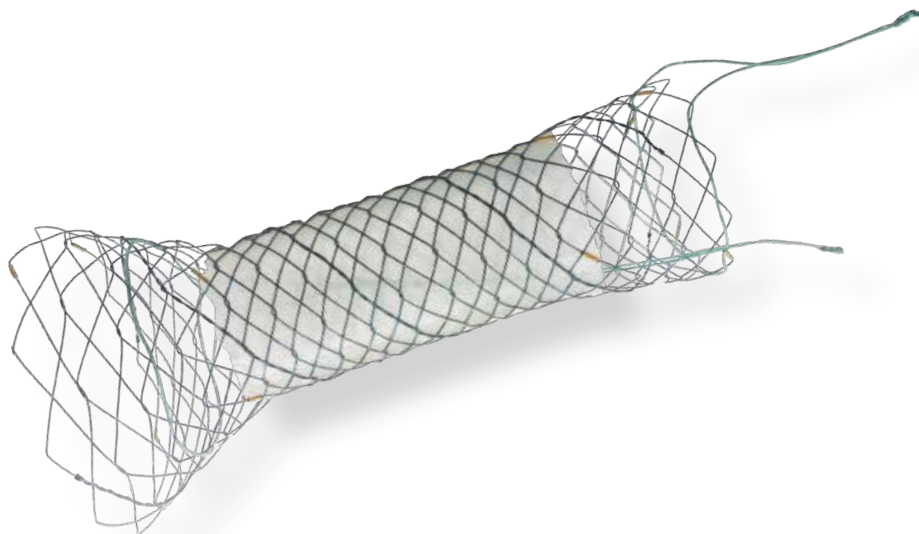


- Asymmetrical stent,
- Fully covered,
- 2 lassos,
- OTW introducer.

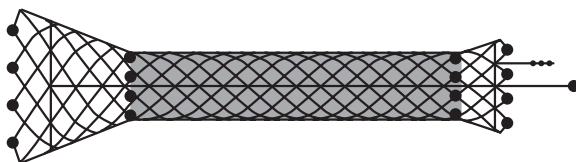


References	Prothese (mm)				Introducer		Rechargable	Maximum guide diameter
	Useful length	Total length	Diameter	Lasso	Length (cm)	Diameter (mm / fr)		
CCN24050-Z070	20	50	32-24-32	Yes 2	70	8 / 24	No	0,038"
CCN24080-Z070	50	80	32-24-32	Yes 2	70	8 / 24	No	0,038"
CCN24150-Z070	120	150	32-24-32	Yes 2	70	8 / 24	No	0,038"

HANAROSTENT® - HRC
PARTIALLY COVERED INTESTINAL TRACT



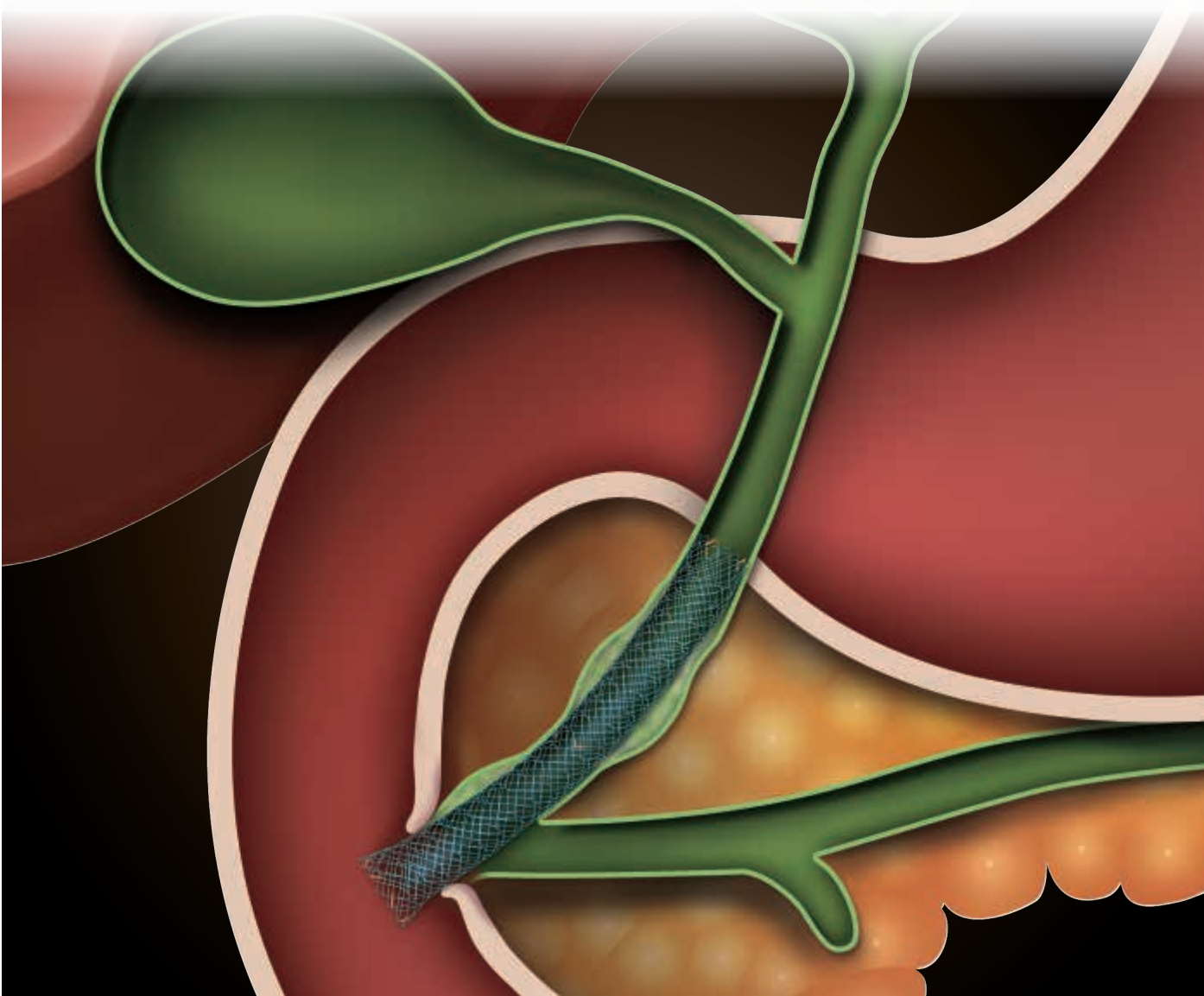
- Anti-migration upper end,
- Partially covered with silicone, 2 uncovered ends
- 2 lassos,
- TTS introducer.



References	Prothese (mm)				Introducer		Rechargable	Maximum guide diameter
	Useful length	Total length	Diameter	Lasso	Length (cm)	Diameter (mm / fr)		
HRC-20-060-230*	20	60	40-20-26	Yes 2	230	3,4 / 10,2	Yes	0,038"
HRC-20-080-230	40	80	40-20-26	Yes 2	230	3,4 / 10,2	Yes	0,038"

* Special order, available in 4 to 6 weeks.

BILIARY STENTS



Minimum delivery quantity: 1
Primary packaging: Tyvek
Secondary packaging: Cardboard

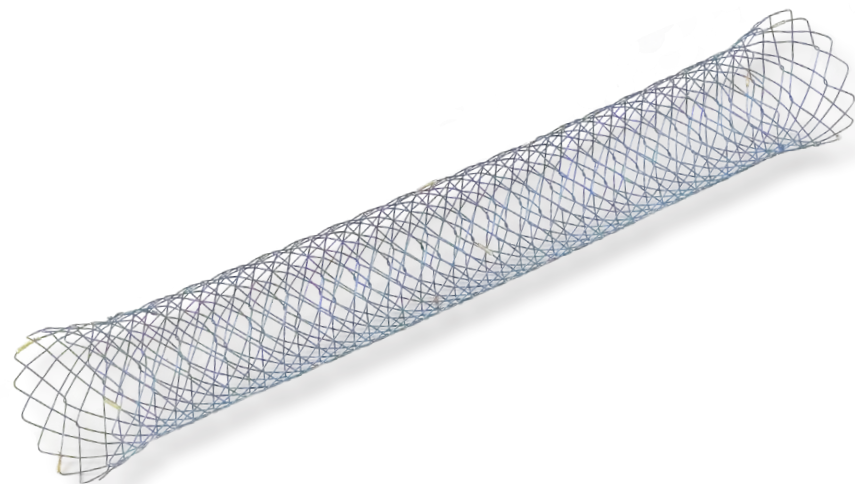
HANAROSTENT® BILIARY STENT RANGE

- Self-expanding metallic biliary stents.
- Shape-memory nitinol mesh, monofilament, hooked and crossed, with atraumatic ends.
- Highly flexible prosthesis for good conformity with the patient's anatomy.
- Spiral structure with double nitinol reinforcement for high radial strength.
- Tight mesh to limit tumor invasion.
- Anti-migration systems with fins and rivets.
- Flared ends to reduce the risk of migration.
- Gold markers and radiopaque olive.
- Lasso for repositioning and extraction.

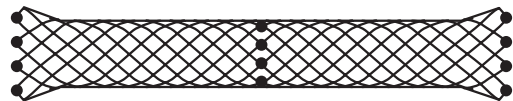
ENDOSCOPIC BILIARY STENTS (EXCLUDING PERCUTANEOUS)

Cover- age	Prosthesis characteristics	References	Prosthesis (mm)			TTS introducer diameter (mm/ fr)	Diagrams
			Useful length	Total length	Diameters		
	Standard mesh	SHS-08-xxx-S180	26/ 46/ 66/ 86/ 106	40*/60*/80*/100*/120*	11,5-08-11,5	2,8 / 8,5	
		SHS-10-xxx-S180	26/ 46/ 66/ 86/ 106	40*/60/80/100*/120*	13,5-10-13,5	2,8 / 8,5	
	xxx corresponds to the total length of the prosthesis. Ex: SHS-08-040-S180						
	BenefitTM Coexistence of two systems in the operator channel	BNHS-06-080-180	/	80	6	1,97 / 5,9	
		BNHS-06-100-180	/	100	6	1,97 / 5,9	
		BNHS-06-120-180	/	120	6	1,97 / 5,9	
		BNHS-08-080-180*	/	80	8	1,97 / 5,9	
		BNHS-08-100-180	/	100	8	1,97 / 5,9	
		BNHS-08-120-180	/	120	8	1,97 / 5,9	
	Large mesh for “Y” placement in the hilar bifurcation	BNL-10-080-180	66	80	13,5-10-13,5	2,33 / 7	
		BNL-10-100-180	86	100	13,5-10-13,5	2,33 / 7	
Total	Upper anti- migration fins	BCS10040-D180	23	40	10-10-13,5	2,8 / 8,5	
		BCS10060-D180	43	60	10-10-13,5	2,8 / 8,5	
		BCS10080-D180	63	80	10-10-13,5	2,8 / 8,5	
		BCS10100-D180*	83	100	10-10-13,5	2,8 / 8,5	
		BCS10120-D180*	103	120	10-10-13,5	2,8 / 8,5	
	Upper anti- migration fins and double lasso, including one through-fin	BCT-10-040-180	23	40	10-10-13,5	3,17 / 9,5	
		BCT-10-060-180	43	60	10-10-13,5	3,17 / 9,5	
		BCT-10-080-180	63	80	10-10-13,5	3,17 / 9,5	
		BCT-10-100-180*	83	100	10-10-13,5	3,17 / 9,5	
		BCT-10-120-180*	103	120	10-10-13,5	3,17 / 9,5	
		BCG-08-xxx-S180	20/ 40/ 60/ 80	40*/60*/80*/100*	8	3 / 9	
		BCG-10-xxx-S180	20/ 40/ 60/ 80	40*/60/ 80/ 100*	10	3 / 9	
	xxxx corresponds to the total length of the prosthesis. Ex: BCG-06-040-S180						
	Multi-HoleTM Multi-perforated with lasso	BMCL-10-040-180	26	40	13,5-10-13,5	2,66 / 8	
		BMCL-10-060-180	46	60	13,5-10-13,5	2,66 / 8	
		BMCL-10-080-180	66	80	13,5-10-13,5	2,66 / 8	
		BMCL-10-100-180	86	100	13,5-10-13,5	2,66 / 8	
	Diameter 6 mm with lasso	SHCL-06-040-180*	30	40	8,3-6-8,3	2,8 / 8,5	
		SHCL-06-060-180	50	60	8,3-6-8,3	2,8 / 8,5	
		SHCL-06-080-180	70	80	8,3-6-8,3	2,8 / 8,5	
		SHCL-06-100-180	90	100	8,3-6-8,3	2,8 / 8,5	
		SHCL-06-120-180*	110	120	8,3-6-8,3	2,8 / 8,5	
	Atraumatic rivet shape with lasso	BCF-12-030-180	20	30	24-12-24	3,5 / 10,5	
		BCF-12-040-180	30	40	24-12-24	3,5 / 10,5	
		BCF-14-020-180*	10	20	26-14-26	3,5 / 10,5	
		BCF-14-030-180	20	30	26-14-26	3,5 / 10,5	
		BCF-14-040-180	30	40	26-14-26	3,5 / 10,5	
		BCF-16-030-180	20	30	28-16-28	3,5 / 10,5	
		BCF-16-040-180	30	40	28-16-28	3,5 / 10,5	
Partial	Gastric anti- migration rivet with lasso	BPD-10-080-180	74	80	10-10-20	2,8 / 8,5	
		BPD-10-100-180	94	100	10-10-20	2,8 / 8,5	
Partial	Stent-in-Stent	BNY-10-060-180	60 / 80 / 100				

HANAROSTENT® - SHS-S
UNCOVERED BILIARY



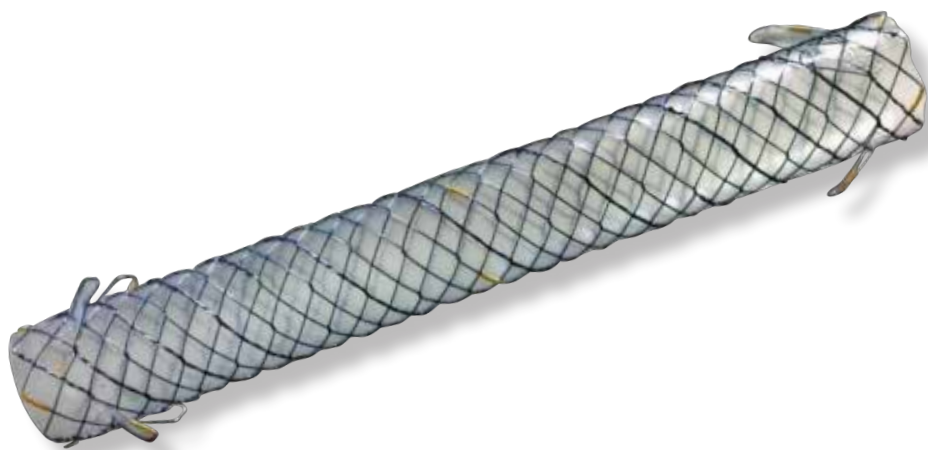
- Tight mesh to limit the risk of tumor growth,
 - Flared ends.
- Available in 8 or 10 mm diameters.
TTS or percutaneous introducer.



	References	Prosthesis (mm)			Introducer			maximum guide diameter
		Useful length	Total length	Diameters	Length (cm)	Diameter (mm / fr)	Rechargeable	
Endoscopic Short Wire (FAST™)	SHS-08-xxx-S180	26 / 46 / 66 / 86 / 106	40* / 60* / 80* / 100* / 120*	11,5- 8-11,5	180	2,8 / 8,5	Yes	0,038"
	SHS-10-xxx-S180	26 / 46 / 66 / 86 / 106	40* / 60 / 80 / 100* / 120*	13,5-10-13,5	180	2,8 / 8,5	Yes	0,038"
Percu-taneous	SHS-10-xxx-060	26 / 46 / 66 / 86 / 106	40* / 60 / 80 / 100* / 120*	13,5-10-13,5	60	2,33 / 7	Yes	0,038"

xxx corresponds to the total length of the prosthesis. Enter the total length in 3 characters. Ex: SHS-08-040-S180
* Special order, available in 4 to 6 weeks.

HANAROSTENT® - BCG-S
COVERED BILE WITH ANTI-MIGRATION FINS



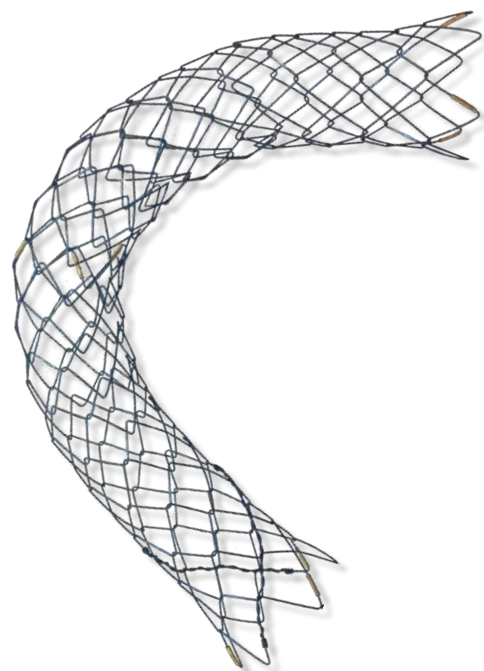
- For implants mounted in long guidewire introducers:
 - 4 anti-migration wings, including 2 with radiopaque markers at each end,
 - Available in 6, 8, or 10 mm diameters.
- For implants mounted in short guidewire introducers (FAST™ system):
 - 2 anti-migration wings without radiopaque markers at each end,
 - Available in 8 or 10 mm diameters.
- TTS or percutaneous introducer.



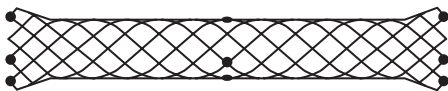
	References	Prosthesis (mm)			Introducer			Rechargeable	maximum guide diameter
		Useful length	Total length	Diameter	Lasso	Length (mm / fr)	Diameter (mm/fr)		
Endoscopic Short Wire (FAST™)	BCG-08-xxx-S180 *	20/ 40 / 60 / 80	40 / 60 / 80 / 100	8	Yes	180	3 / 9	Yes	0,038"
	fil court (FAST™)	20/ 40 / 60 / 80	40* / 60 / 80 / 100*	10	Yes	180	3 / 9	Yes	0,038"

xxx corresponds to the total length of the prosthesis. Enter the total length in 3 characters.

HANAROSTENT® - BNL
UNCOVERED BILIARY TRACT - HILAR STENOSIS

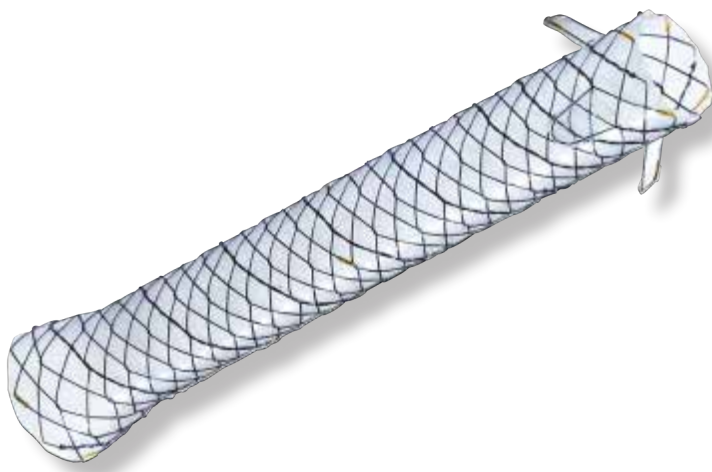


- Wide mesh suitable for the passage of an SHS biliary prosthesis for a «Y» placement in the hilar bifurcation,
- Flared ends,
- TTS introducer.

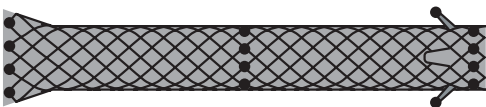


References	Prosthesis (mm)			Introducer			maximum guide diameter	Diamètre guide maximal
	Useful length	Total length	Lasso	Length (cm)	Diameter (mm / fr)	Rechargeable		
BNL-10-080-180	66	80	13,5-10-13,5	No	180	2,33 / 7	Yes	0,038"
BNL-10-100-180	86	100	13,5-10-13,5	No	180	2,33 / 7	Yes	0,038"

HANAROSTENT® - BCS
COVERED BILIARY WITH ANTI-MIGRATION FINS



- Anti-migration wings at the upper end,
- Fully silicone-coated,
- Flared lower end,
- TTS or percutaneous introducer.



	References	Prosthesis (mm)			Introducer			Rechargeable	maximum guide diameter
		Useful length	Total length	Diameter	Lasso	Length (mm / fr)	Diameter (mm/fr)		
Endoscopy	BCS10040-D180	23	40	10-10-13,5	No	180	2,8 / 8,5	Yes	0,038"
	BCS10060-D180	43	60	10-10-13,5	No	180	2,8 / 8,5	Yes	0,038"
	BCS10080-D180	63	80	10-10-13,5	No	180	2,8 / 8,5	Yes	0,038"
	BCS10100-D180*	83	100	10-10-13,5	No	180	2,8 / 8,5	Yes	0,038"
	BCS10120-D180*	103	120	10-10-13,5	No	180	2,8 / 8,5	Yes	0,038"
Percutaneous	BCS10040-R060*	23	40	10-10-13,5	No	60	2,8 / 8,5	Yes	0,038"
	BCS10060-R060*	43	60	10-10-13,5	No	60	2,8 / 8,5	Yes	0,038"
	BCS10080-R060*	63	80	10-10-13,5	No	60	2,8 / 8,5	Yes	0,038"
	BCS10100-R060*	83	100	10-10-13,5	No	60	2,8 / 8,5	Yes	0,038"
	BCS10120-R060*	103	120	10-10-13,5	No	60	2,8 / 8,5	Yes	0,038"

* Special order, available in 4 to 6 weeks.

HANAROSTENT® - BENEFIT™
UNCOVERED BILIARY



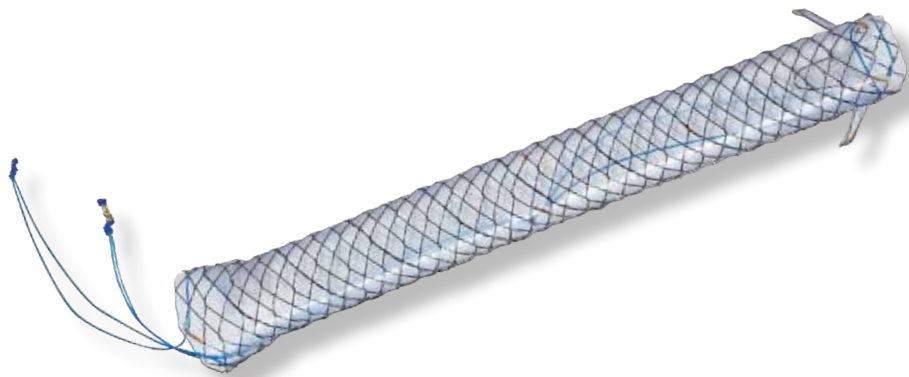
- Tight mesh to limit the risk of tumor growth, without lasso,
- Straight ends,
- Endoscopic introducer compatible with long guide wire,
- 5.9 Fr diameter introducer: 2 introducers compatible together in the operating channel for double hilar placement.



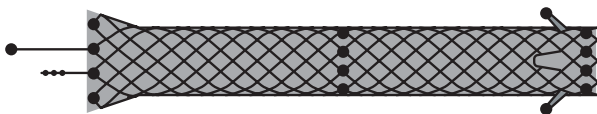
References	Prosthesis (mm)			Introducer			maximum guide diameter
	Useful length	Total length	Lasso	Length (cm)	Diameter (mm / fr)	Rechargeable	
BNHS-06-080-180	80	6	No	180	1.97 / 5.9	Yes	0,025"
BNHS-06-100-180	100	6	No	180	1.97 / 5.9	Yes	0,025"
BNHS-06-120-180	120	6	No	180	1.97 / 5.9	Yes	0,025"
BNHS-08-080-180*	80	8	No	180	1.97 / 5.9	Yes	0,025"
BNHS-08-100-180	100	8	No	180	1.97 / 5.9	Yes	0,025"
BNHS-08-120-180	120	8	No	180	1.97 / 5.9	Yes	0,025"

* Special order, available in 4 to 6 weeks.

HANAROSTENT® - BCT
COVERED BILIARY WITH ANTI-MIGRATION FINS
AND DOUBLE LASSO



- Anti-migration wings at the upper end,
- The lower end is flared,
- An internal upper lasso for invagination removal,
- A lower lasso for repositioning or removal,
- TTS introducer.



References	Prosthesis (mm)			Introducer			Rechargeable	maximum guide diameter
	Useful length	Total length	Diameter	Lasso	Length (mm / fr)	Diameter (mm/fr)		
BCT-10-040-180	23	40	10-10-13,5	Yes 2	180	3,17 / 9,5	Yes	0,038"
BCT-10-060-180	43	60	10-10-13,5	Yes 2	180	3,17 / 9,5	Yes	0,038"
BCT-10-080-180	63	80	10-10-13,5	Yes 2	180	3,17 / 9,5	Yes	0,038"
BCT-10-100-180*	83	100	10-10-13,5	Yes 2	180	3,17 / 9,5	Yes	0,038"
BCT-10-120-180*	103	120	10-10-13,5	Yes 2	180	3,17 / 9,5	Yes	0,038"

* Special order, available in 4 to 6 weeks.

HANAROSTENT® - MULTI-HOLE™
FULL MULTI-PERFORATED COVER

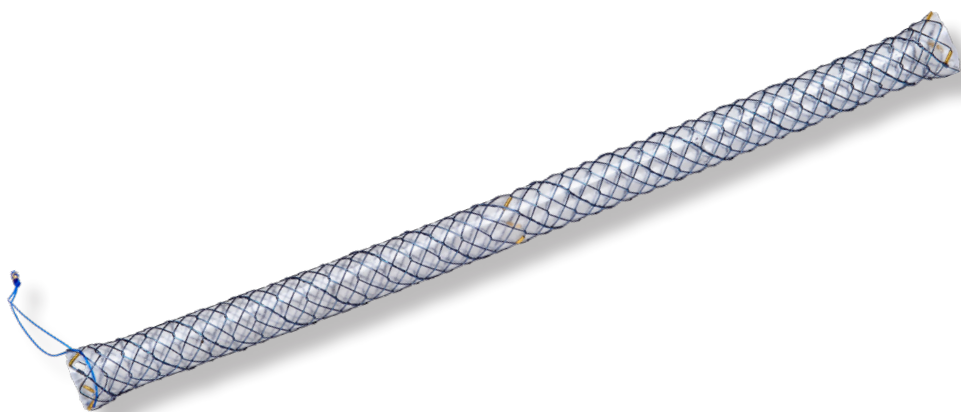


- Full multi-perforated silicone cover for fluid flow through the prosthesis,
- Anti-migration flares at both ends,
- Rechargeable endoscopic introducer for long guidewire systems,
- Maximum guidewire diameter 0.038».

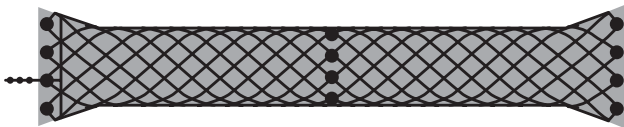


References	Prosthesis (mm)			Introducer			Rechargeable	maximum guide diameter
	Useful length	Total length	Diameter	Lasso	Length (mm / fr)	Diameter (mm/fr)		
BMCL-10-040-180	26	40	13,5-10-13,5	Yes 1	180	2,66 / 8	Yes	0,038"
BMCL-10-060-180	46	60	13,5-10-13,5	Yes 1	180	2,66 / 8	Yes	0,038"
BMCL-10-080-180	66	80	13,5-10-13,5	Yes 1	180	2,66 / 8	Yes	0,038"
BMCL-10-100-180	86	100	13,5-10-13,5	Yes 1	180	2,66 / 8	Yes	0,038"

HANAROSTENT® - SHCL
COVERED BILIARY DIAMETER 6 MM WITH LASSO



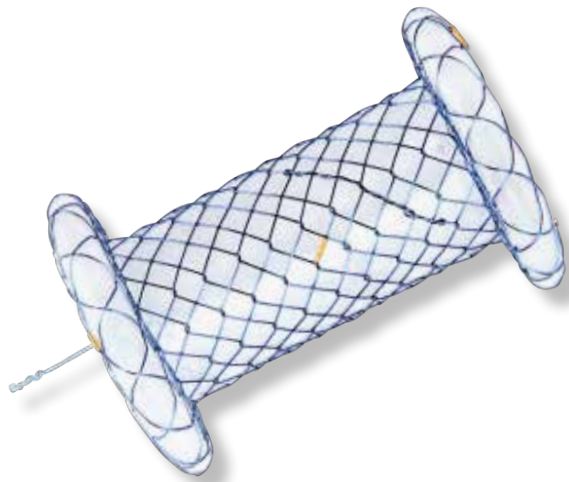
- Flared ends,
- A repositioning lasso,
- TTS introducer.



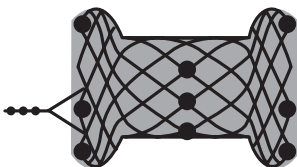
References	Prosthesis (mm)			Introducer			Rechargeable	maximum guide diameter
	Useful length	Total length	Diameter	Lasso	Length (mm / fr)	Diameter (mm/fr)		
SHCL-06-040-180*	30	40	8,3-6-8,3	Yes 1	180	2,8 / 8,5	Yes	0,038"
SHCL-06-060-180	50	60	8,3-6-8,3	Yes 1	180	2,8 / 8,5	Yes	0,038"
SHCL-06-080-180	70	80	8,3-6-8,3	Yes 1	180	2,8 / 8,5	Yes	0,038"
SHCL-06-100-180	90	100	8,3-6-8,3	Yes 1	180	2,8 / 8,5	Yes	0,038"
SHCL-06-120-180*	110	120	8,3-6-8,3	Yes, 1	180	2,8 / 8,5	Yes	0,038"

* Commande spéciale, disponible sous 4 à 6 semaines.

PLUMBER® STENT
DRAINAGE PROSTHESIS BY APPPOSITION



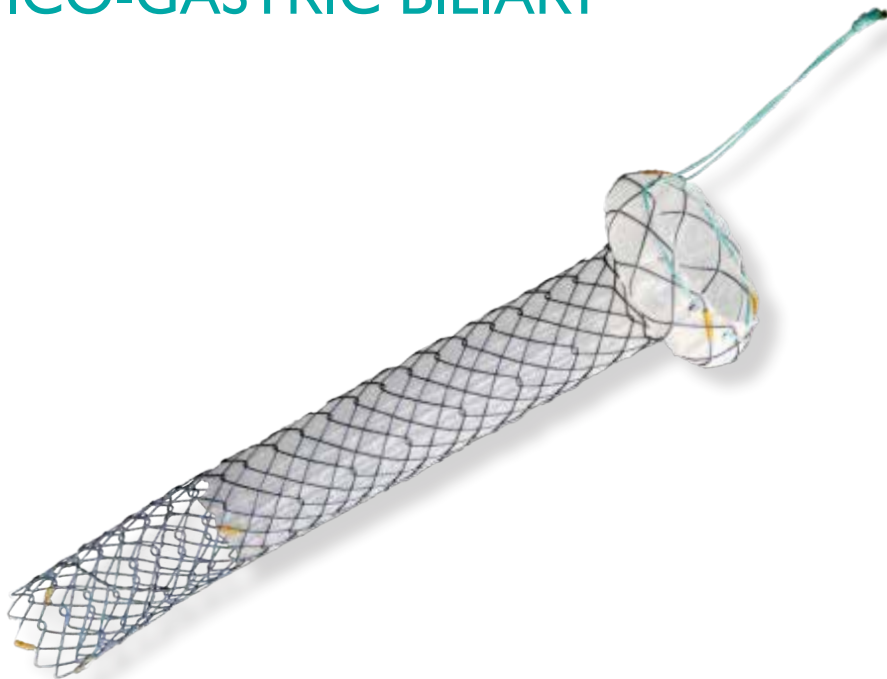
- Fully silicone-coated,
- Prosthesis body diameter from 12 to 16 mm,
- A gastric lasso,
- TTS introducer with endoscopic transmural delivery marker.



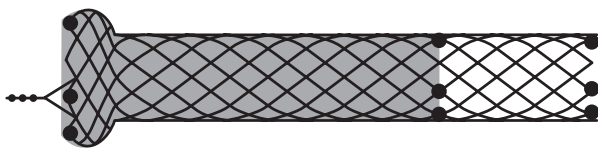
References	Prosthesis (mm)			Introducer			Rechargeable	maximum guide diameter
	Useful length	Total length	Diameter	Lasso	Length (mm / fr)	Diameter (mm/fr)		
BCF-12-030-180	20	30	24-12-24	Yes 1	180	3,5 / 10,5	Yes	0,038"
BCF-12-040-180	30	40	24-12-24	Yes 1	180	3,5 / 10,5	Yes	0,038"
BCF-14-020-180*	10	20	26-14-26	Yes 1	180	3,5 / 10,5	Yes	0,038"
BCF-14-030-180	20	30	26-14-26	Yes 1	180	3,5 / 10,5	Yes	0,038"
BCF-14-040-180	30	40	26-14-26	Yes, 1	180	3,5 / 10,5	Yes	0,038"
BCF-16-030-180	20	30	28-16-28	Yes 1	180	3,5 / 10,5	Yes	0,038"
BCF-16-040-180	30	40	28-16-28	Yes, 1	180	3,5 / 10,5	Yes	0,038"

* Special order, available in 4 to 6 weeks.

HANAROSTENT® - BPD
HEPATICO-GASTRIC BILIARY

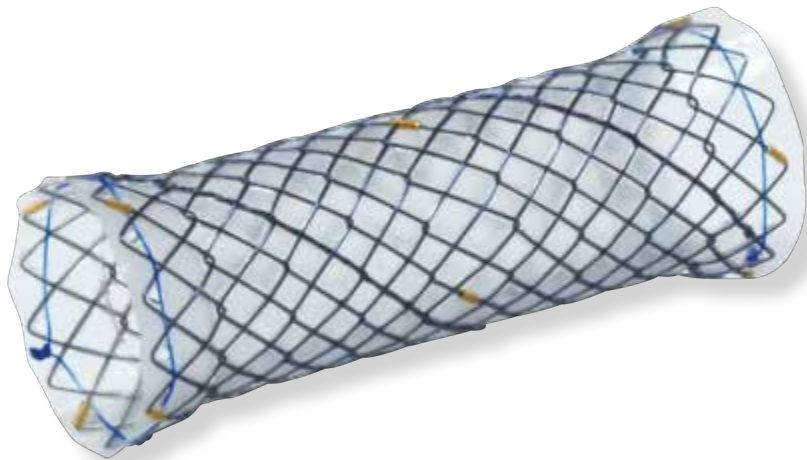


- Endoprosthesis for hepaticogastric drainage,
- Anti-gastric migration rivet,
- Partially covered,
- Length of the uncovered portion: 30 mm,
- A repositioning lasso,
- TTS introducer.



References	Prosthesis (mm)			Introducer			Rechargeable	maximum guide diameter
	Useful length	Total length	Diameter	Lasso	Length (mm / fr)	Diameter (mm/fr)		
BPD-10-080-180	74	80	10-10-20	Yes 1	180	2,8 / 8,5	Yes	0,038"
BPD-10-100-180	94	100	10-10-20	Yes 1	180	2,8 / 8,5	Yes	0,038"

ENDO
TRACHEOBRONCHIAL PROSTHESES



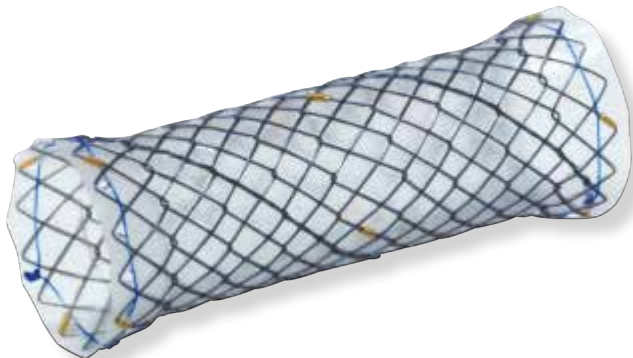
Minimum delivery quantity: 1
Primary packaging: Tyvek
Secondary packaging: Cardboard



HANAROSTENT® RANGE OF TRACHEOBRONCHIAL PROSTHESES

Shape-memory nitinol monofilament mesh with atraumatic ends.
Flared ends to reduce the risk of migration.
12 radiopaque gold markers.
Silicone cover.

HANAROSTENT® - NTS
COVERED TRACHEOBRONCHIAL



- Internal silicone cover;
- 2 lassos.



References	Prosthesis (mm)				Introducer		maximum guide diameter
	Useful length	Total length	Diameters	Lasso	Length (cm)	Diameter (mm / fr)	
NTS-12-040-090	30	40	16-12-16	Yes 2	90	6 / 18	0,038"
NTS-12-060-090	50	60	16-12-16	Yes 2	90	6 / 18	0,038"
NTS-14-040-090	30	40	16.5-14 -16.5	Yes 2	90	6 / 18	0,038"
NTS-14-060-090	50	60	16.5-14-16.5	Yes 2	90	6 / 18	0,038"
NTS-16-040-090	30	40	18.6-16-18.6	Yes 2	90	6 / 18	0,038"
NTS-16-060-090	50	60	18.6-16-18.6	Yes 2	90	6 / 18	0,038"
NTS-18-040-090	30	40	20.5-18-20.5	Yes 2	90	8 / 24	0,038"
NTS-18-060-090	50	60	20.5-18-20.5	Yes 2	90	8 / 24	0,038"
NTS-20-040-090 *	30	40	22.7-20-22.7	Yes 2	90	8 / 24	0,038"
NTS-20-060-090 *	50	60	22.7-20-22.7	Yes 2	90	8 / 24	0,038"

* Special order, available in 4 to 6 weeks.

HANAROSTENT® - TCS
COVERED TRACHEOBRONCHIAL



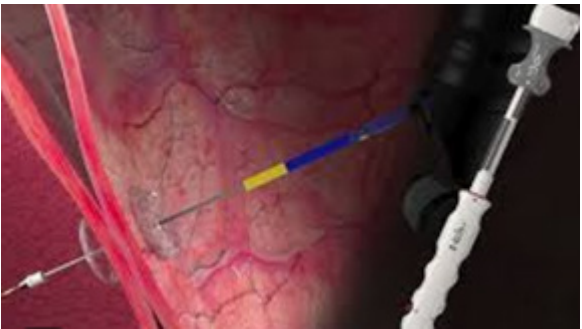
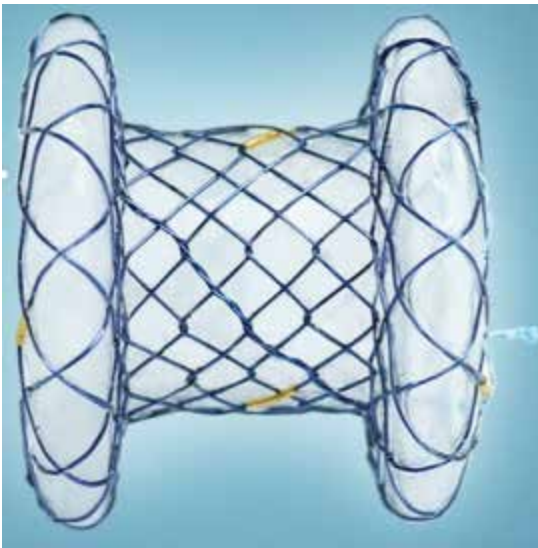
- Internal silicone cover,
- 1 upper lasso for repositioning,
- Thin introducer for nasal access, refillable when the prosthesis is deployed.



References	Prosthesis (mm)				Introducer		maximum guide diameter
	Useful length	Total length	Diameters	Lasso	Length (cm)	Diameter (mm / fr)	
TCS-10-0xx-050 *	20 / 30 / 40 / 60 / 80	14 / 24 / 34 / 54 / 74	11,5-10-11,5	Yes 1	50	12 / 4	0,038"
TCS-10-0xx-090 *					90		
TCS-12-0xx-050 *	20 / 30 / 40 / 60 / 80	13 / 23 / 33 / 53 / 73	14,2-12-14,2		50		
TCS-12-0xx-090 *					90		
TCS-14-0xx-050 *	20 / 40 / 60 / 80	14 / 34 / 54 / 74	15,7-14-15,7		50		
TCS-14-0xx-090 *					90		
TCS-16-0xx-050 *	20 / 40 / 60 / 80	13 / 33 / 53 / 73	17,5-16-17,5		50		
TCS-16-0xx-090 *					90		
TCS-18-0xx-050 *	20 / 40 / 60 / 80	10 / 30 / 50 / 70	20-18-20		50		
TCS-18-0xx-090 *					90		
TCS-20-0xx-050 *	20 / 40 / 60 / 80	10 / 30 / 50 / 70	22-20-22		50		
TCS-20-0xx-090 *					90		

* Special order, available in 4 to 6 weeks.

Z-EUSIT™
LUMEN APOSING ETAL STENT



- Migration resistance
- Easy removal with lasso on stent
- Various diameters and lengths available

References	Prosthesis (mm)			Introducer	
	Useful length	Total length	Diameters	Length (mm)	Diameter (mm / fr)
BCF-10-020-T140	13	20	10	1400	10.5 / 3.5
BCF-10-030-T140	23	30	10	1400	
BCF-10-040-T140	33	40	10	1400	
BCF-12-020-T140	13	20	12	1400	
BCF-12-030-T140	23	30	12	1400	
BCF-12-040-T140	33	40	12	1400	
BCF-14-020-T140	12	20	14	1400	
BCF-14-030-T140	22	30	14	1400	
BCF-14-040-T140	32	40	14	1400	
BCF-16-020-T140	12	20	16	1400	
BCF-16-030-T140	22	30	16	1400	
BCF-16-040-T140	32	40	16	1400	

* Special order, available in 4 to 6 weeks.

Accessories



- Clear marking of clean and dirty transport
- One tray cover is suitable for clean and dirty transport
- A package consists of a liner and a cover

Supplier	Article Nr.	Description	Minimum order quantity
Van Vliet	240441	Twin-Foil 51 x 51 cm	300
Van Vliet	240444	Twin-Foil 61,5 x 41,5 cm	400



Sales
+31 318 54 32 23
sales.nl@duomed.com

Service
+31 318 51 89 48
service.nl@duomed.com

The team

