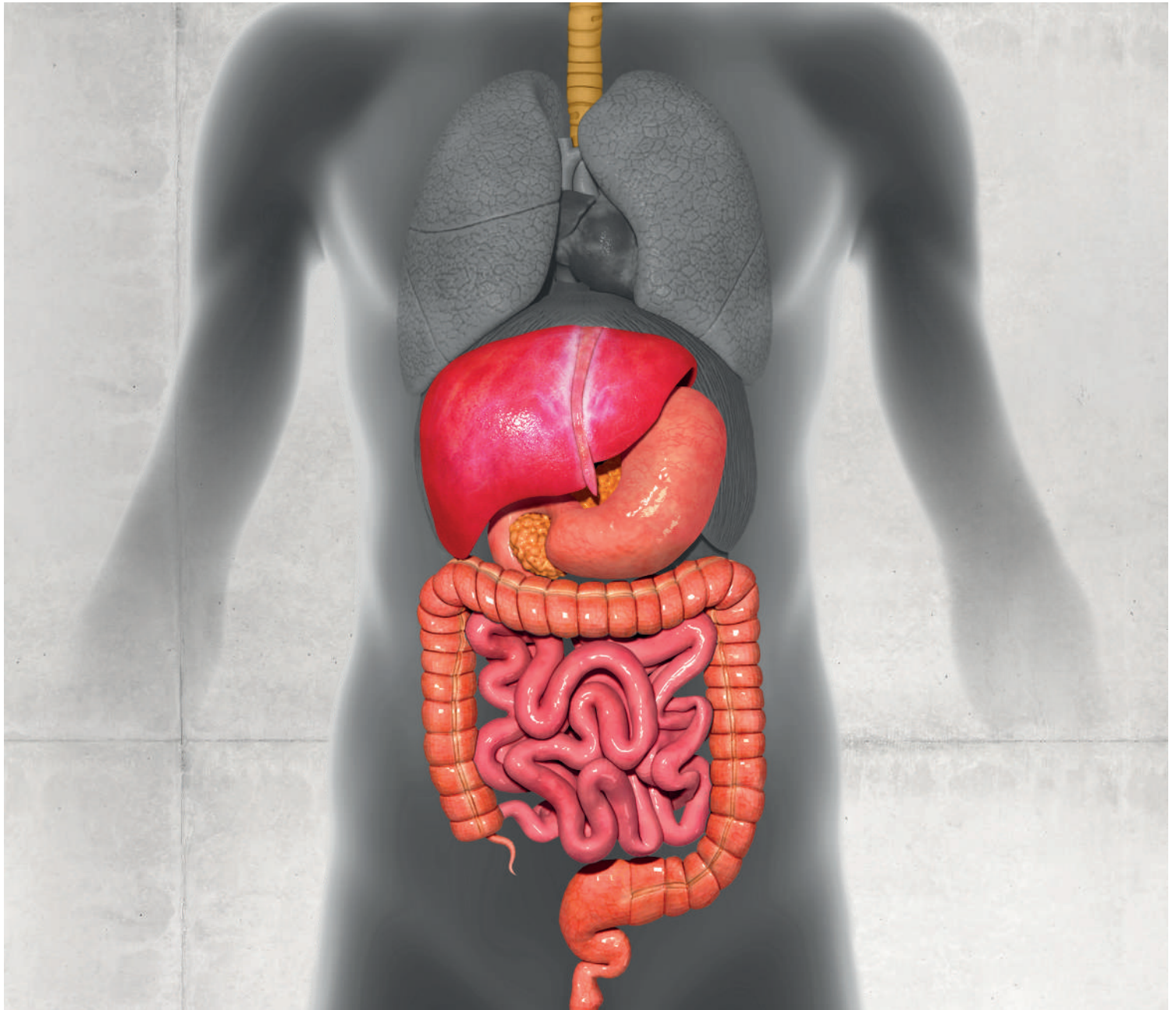


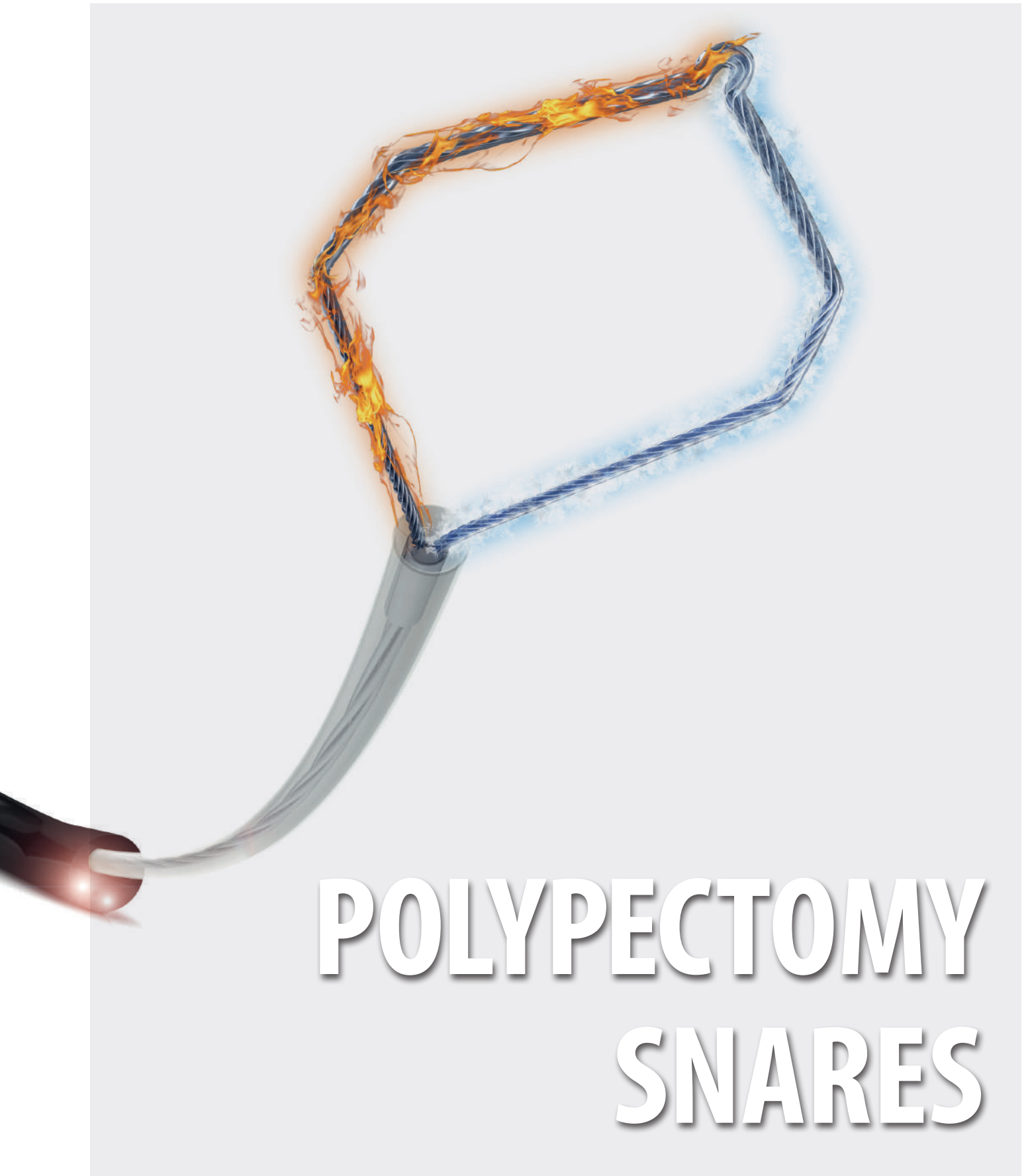


General GI

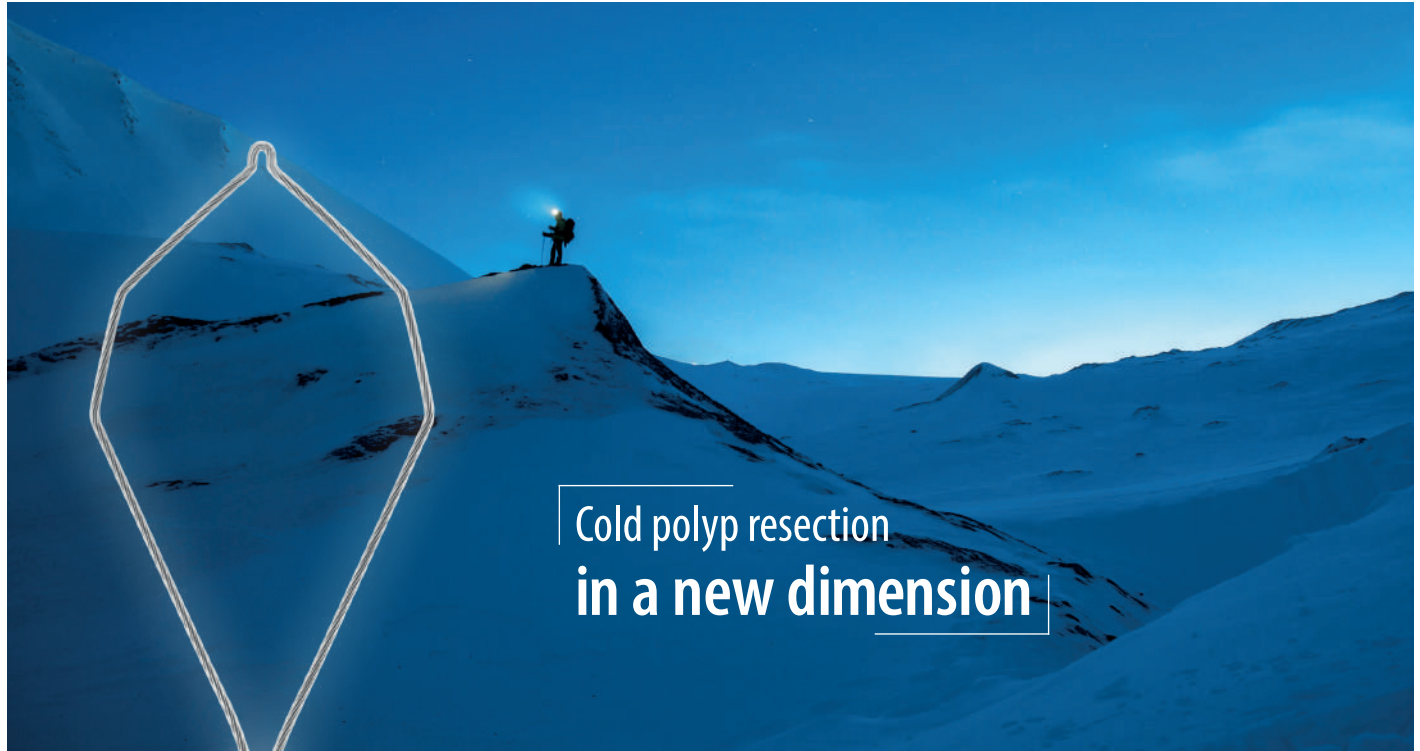
Product overview

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POLYPECTOMY SNARES



Cold polyp resection
in a new dimension

CrossSnare ZERO

The new dedicated cold snare



Perfect resection thanks to unique tube design

Multiple snare diameters for diminutive polyps

Optimal for the implementation of the ESGE guideline*

* Ferlitsch Monika et al.: „Colorectal polypectomy and endoscopic mucosal resection (EMR): European Society of Gastrointestinal Endoscopy (ESGE) Clinical Guideline“, Endoscopy 2017.

Great effect on small polyps

Less effort and perfect cutting performance - that's what CrossSnare ZERO offers you thanks to its unique reinforced spiral tube design.

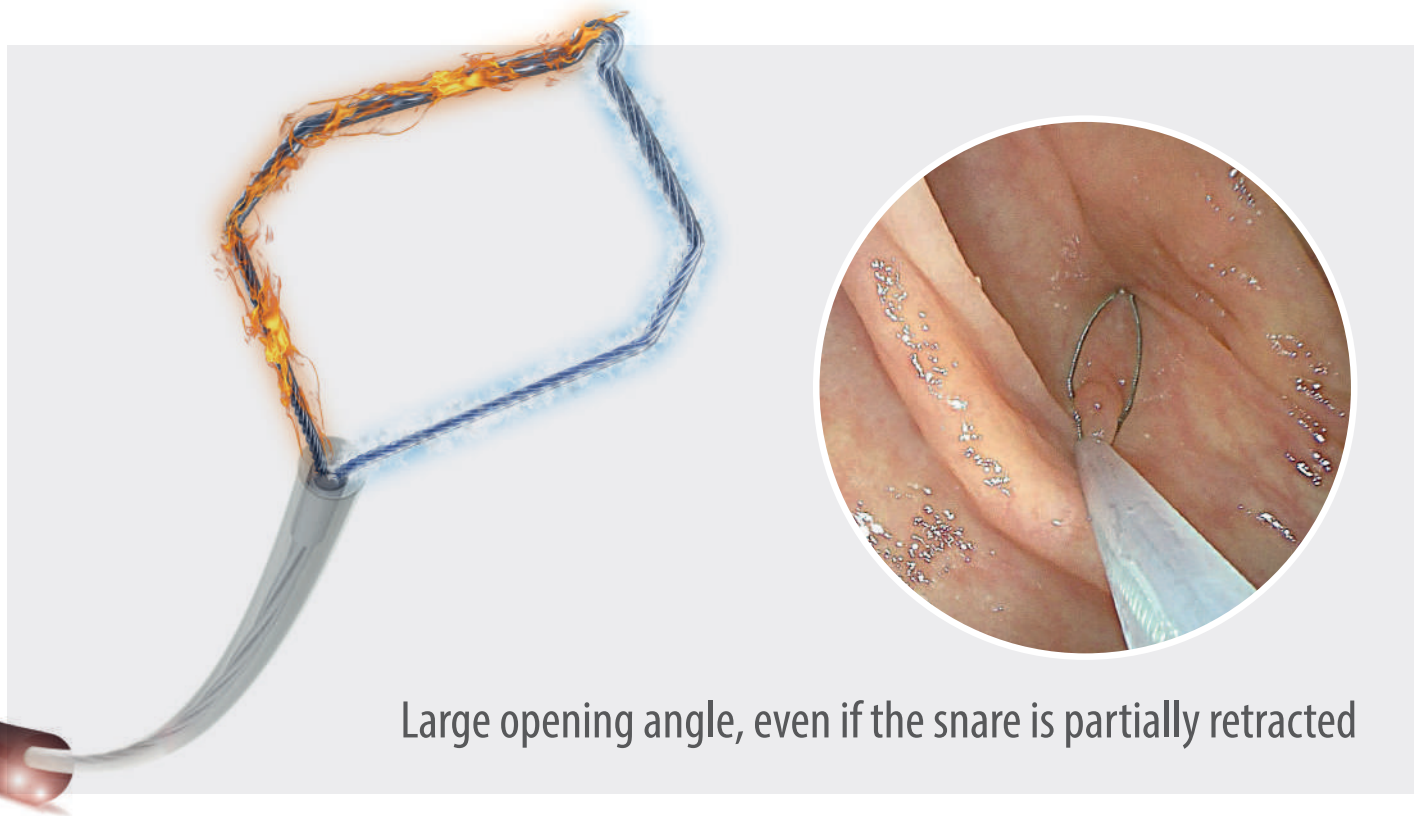
Equipped with extra thin cutting wire and available in two different sizes, CrossSnare ZERO is the perfect choice for polyps up to 9 mm and supports you optimally in implementing the ESGE guideline*.

CrossSnare ZERO Polypectomy snares for cold snaring



	Product Code	Order No.	Characteristics	ø Snare	Length	ø Working Channel	Unit
	POL1-Z2-07-23-220	502569	Kite, CWT	7 mm	220 cm	2.8 mm	10
	POL1-Z2-12-23-220	502570	Kite, CWT	12 mm	220 cm	2.8 mm	10

General GI



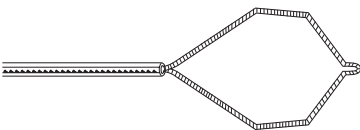
Large opening angle, even if the snare is partially retracted

More than just a cold snare - a hybrid comprising HOT and COLD

Over 90% of all polyps are smaller than 10 mm. Especially a number of small, flat lesions in the caecum or right colon constitute special challenges for the instrumentation. CrossSnare is the first hybrid snare, and the only one, to have been specially developed for the majority of polyps of clinical

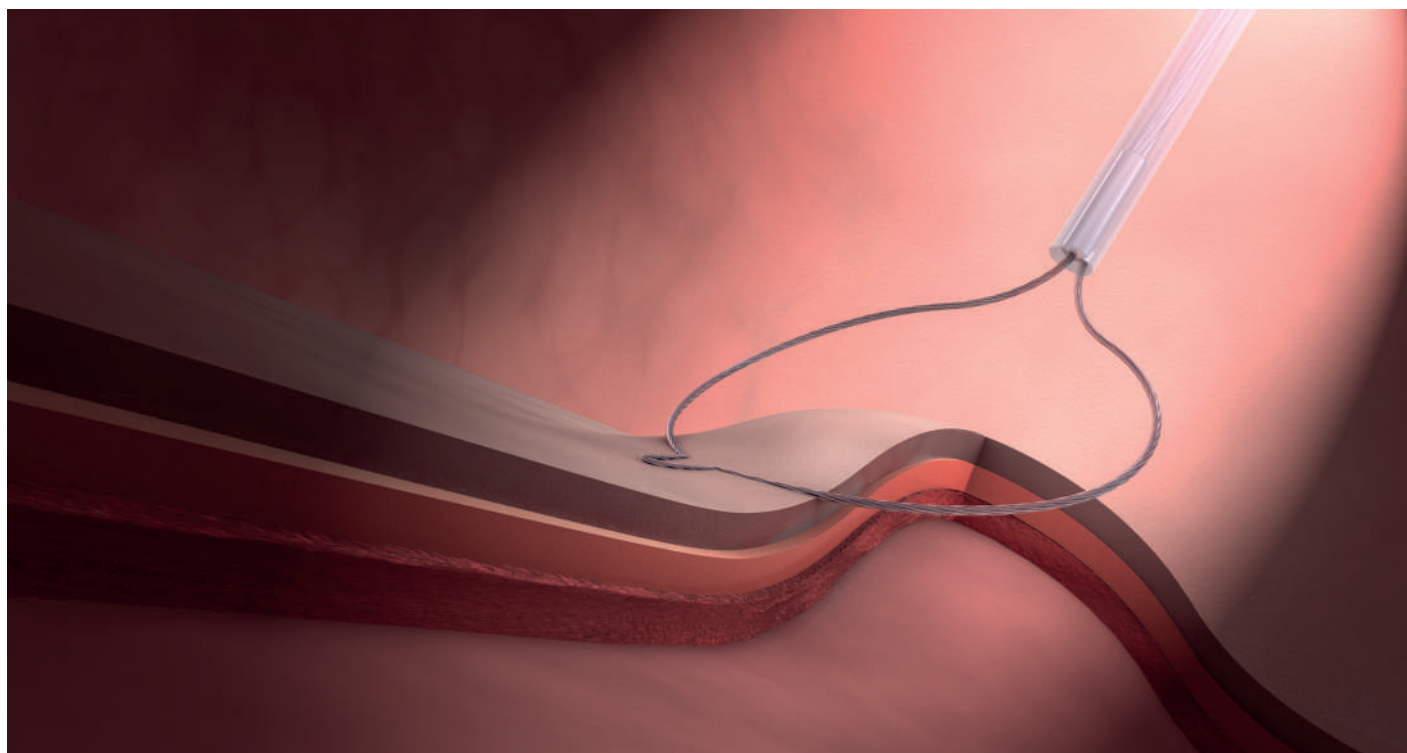
relevance in terms of ablation. The large opening angle, even if the snare is partially retracted, ensures optimal snare adjustment to match the size of the polyps between 3 mm and 15 mm. Compacted Wire Technology provides tissue-sparing cutting properties - both with and without HF current.

CrossSnare Polypectomy snares for Cold and HF snaring



Product Code	Order No.	Characteristics	ø Snare	Length	ø Working Channel	Unit
POL1-X1-10-23-220-OL	502308	Kite, CWT	10 mm	220 cm	2.8 mm	10
POL1-X1-15-23-220-OL	502309	Kite, CWT	15 mm	220 cm	2.8 mm	10





Compacted Wire Technology (CWT)

Compacted Wire Technology combines the benefits of a monofilament snare with those of a braided snare:

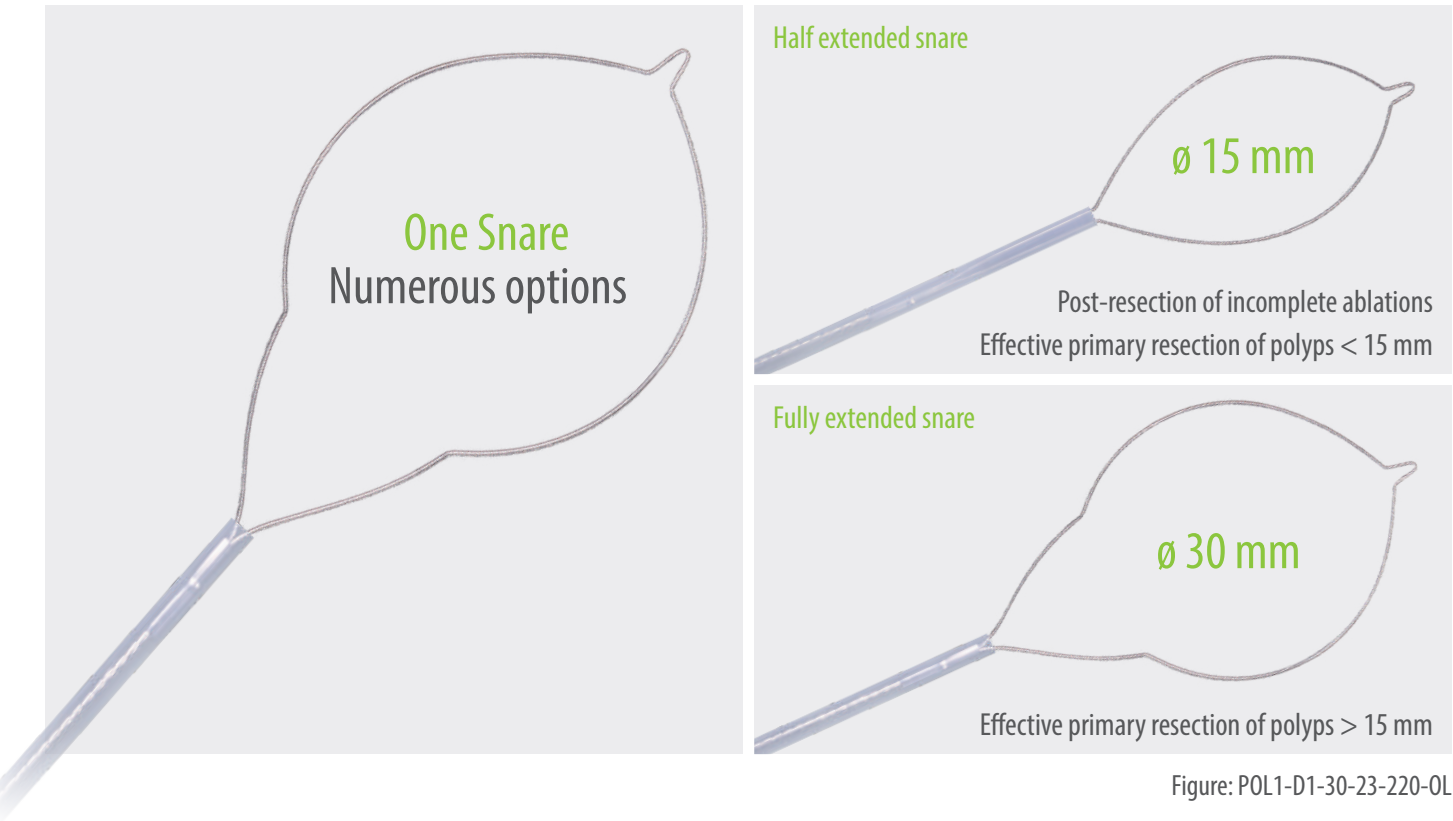
- ✓ Easier positioning with flat lesions
- ✓ Sparing tissue ablation

Polypectomy snares (CWT)



	Product Code	Order No.	Characteristics	ø Snare	Length	ø Working Channel	Unit
	POL1-B1-10-23-220-OL	501891	Convex	10 mm	220 cm	2.8 mm	10
	POL1-B1-15-23-220-OL	501207	Convex	15 mm	220 cm	2.8 mm	10
	POL1-B1-20-23-220-OL	502307	Convex	20 mm	220 cm	2.8 mm	10
	POL1-B1-30-23-220-OL	501208	Convex	30 mm	220 cm	2.8 mm	10
	POL1-B1-10-23-260-OL	502529	Convex, Balloon Enteroscopy	10 mm	260 cm	2.8 mm	10
	POL1-B1-15-23-260-OL	502530	Convex, Balloon Enteroscopy	15 mm	260 cm	2.8 mm	10
	POL1-B1-20-23-260-OL	502531	Convex, Balloon Enteroscopy	20 mm	260 cm	2.8 mm	10
	POL1-B1-30-23-260-OL	501209	Convex, Balloon Enteroscopy	30 mm	260 cm	2.8 mm	10

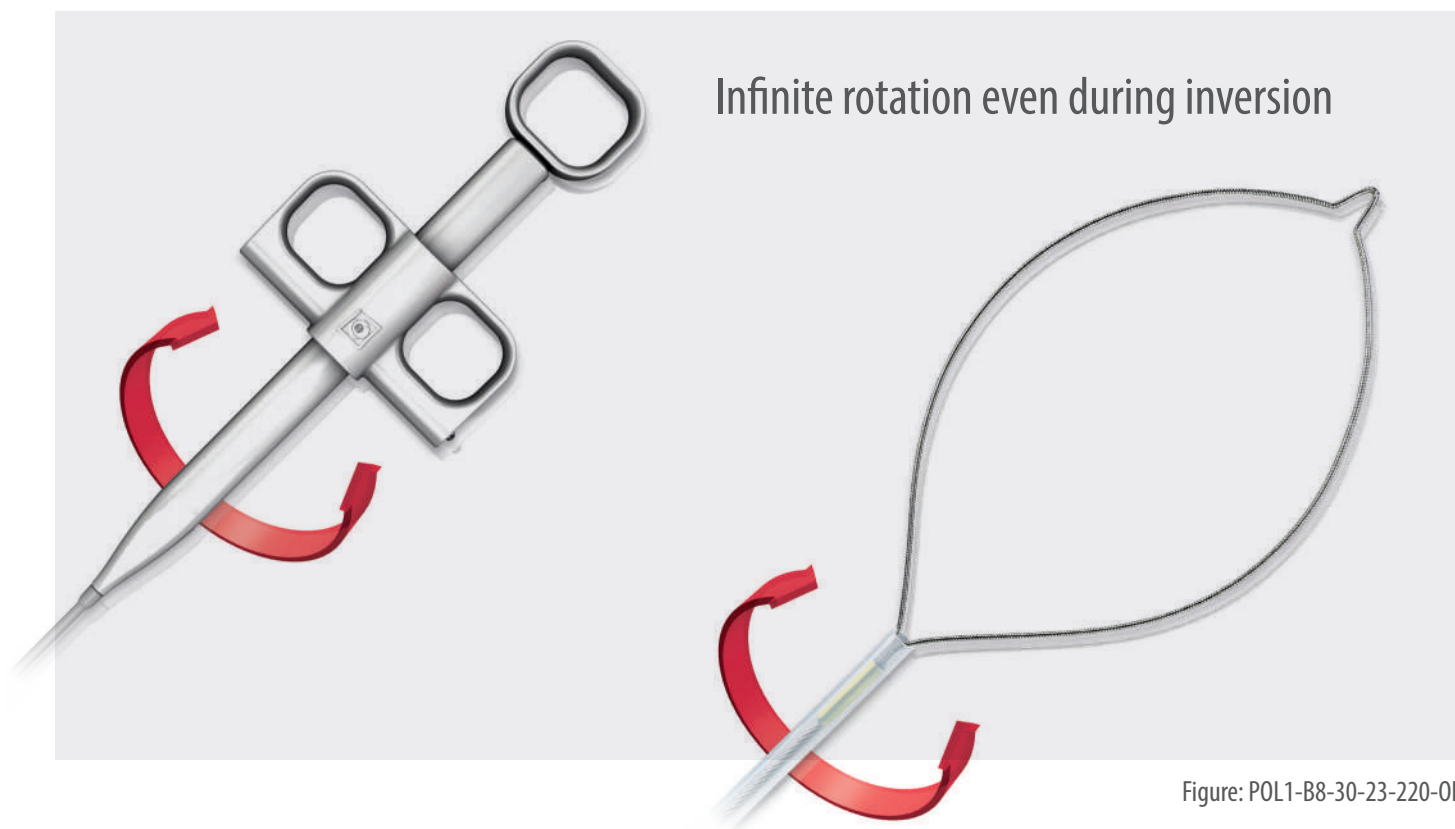
General GI



Polypectomy snares (CWT)



	Product Code	Order No.	Characteristics	ø Snare	Length	ø Working Channel	Unit
	POL1-D1-30-23-220-OL	501223	Convex, combi	15 30 mm	220 cm	2.8 mm	10
	POL1-K1-25-23-220-OL	502102	Asymmetrical	25 mm	220 cm	2.8 mm	10



Polypectomy snares (Braided wire)



	Product Code	Order No.	Characteristics	ø Snare	Length	ø Working Channel	Unit
	POL1-B7-10-23-220-OL	502288	Oval	10 mm	220 cm	2.8 mm	10
	POL1-B7-15-23-220-OL	502514	Oval	15 mm	220 cm	2.8 mm	10
	POL1-B7-20-23-220-OL	501903	Oval	20 mm	220 cm	2.8 mm	10
	POL1-B7-30-23-220-OL	501218	Oval	30 mm	220 cm	2.8 mm	10
	POL1-B8-10-23-220-OL	502527	Oval, rotatable	10 mm	220 cm	2.8 mm	10
	POL1-B8-15-23-220-OL	502528	Oval, rotatable	15 mm	220 cm	2.8 mm	10
	POL1-B8-22-23-220-OL	501219	Oval, rotatable	22 mm	220 cm	2.8 mm	10
	POL1-B8-30-23-220-OL	501220	Oval, rotatable	30 mm	220 cm	2.8 mm	10
	POL1-F1-30-23-220-OL	502101	Hexagonal	30 mm	220 cm	2.8 mm	10



General GI

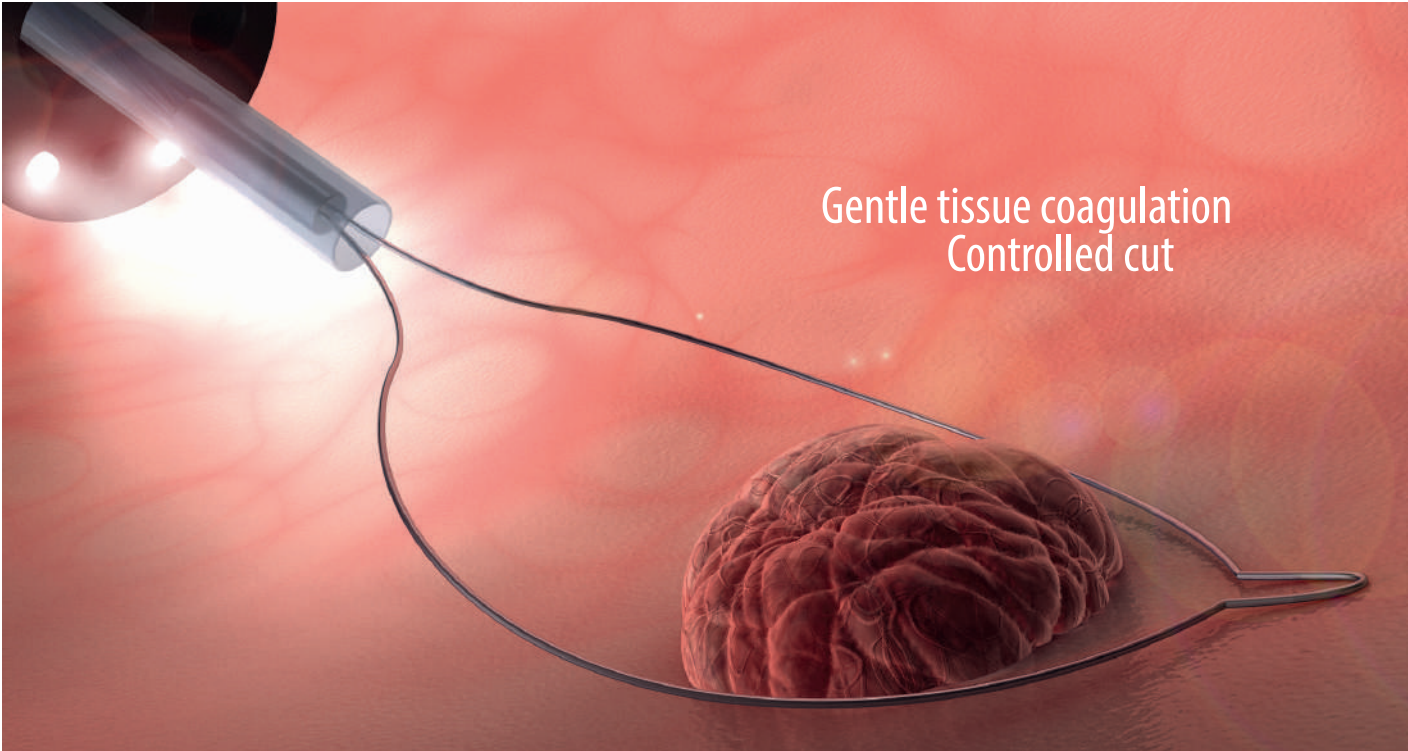


Figure: POL1-B9-15-23-220-OL

Polypectomy snares (Monofil)



	Product Code	Order No.	Characteristics	ø Snare	Length	ø Working Channel	Unit
	POL1-B9-10-23-220-OL	502526	Oval	10 mm	220 cm	2.8 mm	10
	POL1-B9-15-23-220-OL	502050	Oval	15 mm	220 cm	2.8 mm	10
	POL1-B9-22-23-220-OL	502048	Oval	22 mm	220 cm	2.8 mm	10
	POL1-B9-30-23-220-OL	502049	Oval	30 mm	220 cm	2.8 mm	10
	POL1-B3-10-23-220-OL	502029	Oval, rotatable	10 mm	220 cm	2.8 mm	10
	POL1-B3-15-23-220-OL	501215	Oval, rotatable	15 mm	220 cm	2.8 mm	10
	POL1-B3-22-23-220-OL	501216	Oval, rotatable	22 mm	220 cm	2.8 mm	10
	POL1-B3-30-23-220-OL	501217	Oval, rotatable	30 mm	220 cm	2.8 mm	10

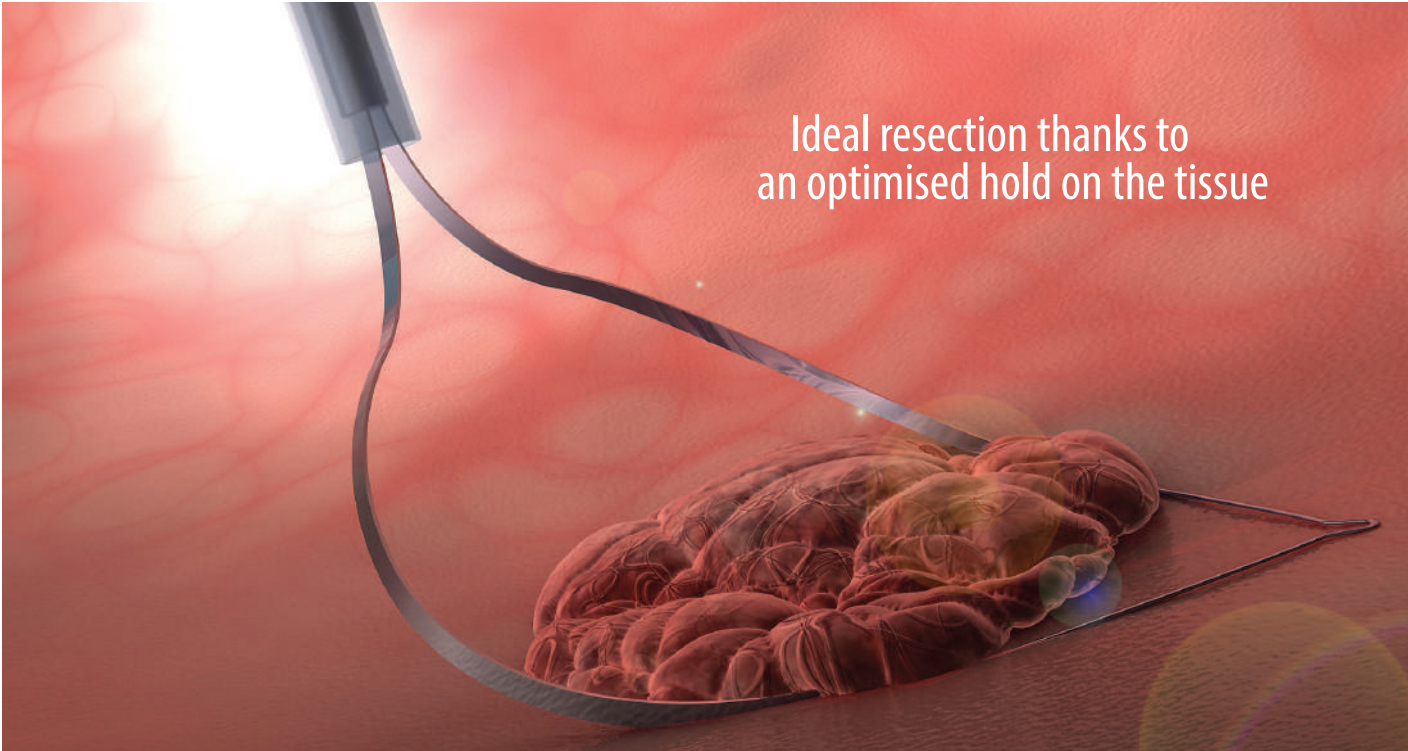


Figure: POL1-C5-22-23-220-OL

ResectionMaster Polypectomy snares for EMR



	Product Code	Order No.	Characteristics	ø Snare	Length	ø Working Channel	Unit
	POL1-C5-10-23-220-OL	502293	Oval, flat metal band	10 mm	220 cm	2.8 mm	10
	POL1-C5-15-23-220-OL	502525	Oval, flat metal band	15 mm	220 cm	2.8 mm	10
	POL1-C5-22-23-220-OL	501896	Oval, flat metal band	22 mm	220 cm	2.8 mm	10
	POL1-C5-30-23-220-OL	501222	Oval, flat metal band	30 mm	220 cm	2.8 mm	10

General GI

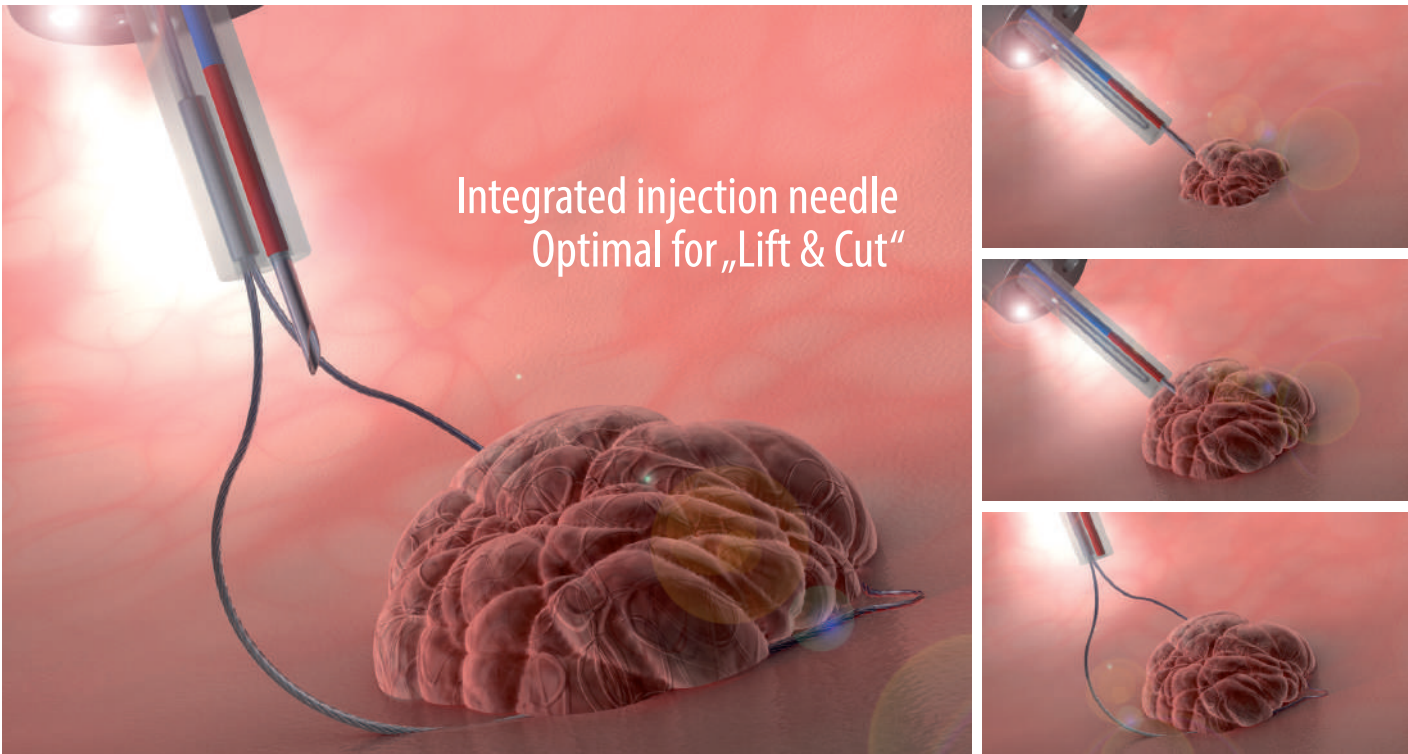


Figure: POL1-H4-15-27-230-OL

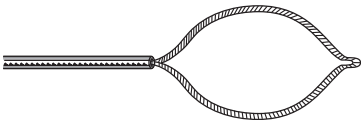
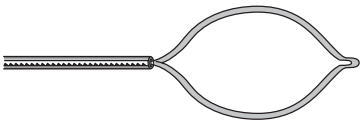
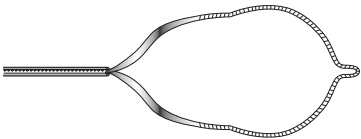
SnareInflator Polypectomy snares with integrated injection needle



	Product Code	Order No.	Characteristics	ø Snare	Needle Length	Length	ø Working Channel	Unit
	POL1-H4-15-27-230-OL	502346	Oval, CWT	15 mm	5 mm	230 cm	3.2 mm	5
	POL1-H3-22-27-230-OL	501231	Oval, monofil	22 mm	5 mm	230 cm	3.2 mm	5
	POL1-H3-30-27-230-OL	501948	Oval, monofil	30 mm	5 mm	230 cm	3.2 mm	5

Polypectomy snares (Reusable)

134°C

	Product Code	Order No.	Characteristics	ø Snare	Length	ø Working Channel	Unit
	POL2-B1-15-23-220	501338	Oval, braided wire	15 mm	220 cm	2.8 mm	1
	POL2-B1-20-23-220	502534	Oval, braided wire	20 mm	220 cm	2.8 mm	1
	POL2-B1-30-23-220	501339	Oval, braided wire	30 mm	220 cm	2.8 mm	1
	POL2-B9-15-23-220	502535	Oval, monofil	15 mm	220 cm	2.8 mm	1
	POL2-B9-20-23-220	502116	Oval, monofil	20 mm	220 cm	2.8 mm	1
	POL2-B9-30-23-220	502115	Oval, monofil	30 mm	220 cm	2.8 mm	1
	POL2-E1-30-23-220	501404	Oval, combi, proximal strengthened by a flat spring	15 30 mm	220 cm	2.8 mm	1

Handle for Polypectomy snares (Reusable)

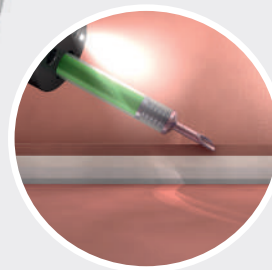
134°C

	Product Code	Order No.	Characteristics	Lift	Unit
	HAN2-100-OL	500652	Handle, rotatable	100 mm	1

icus²



20%* reduction in friction
for precision puncture



20%* easier piercing

80%** less effort when
administering injections



INJECTION NEEDLES

* Compared to previous injection needles | ** Needle ø 0,5 mm: 80 %, Needle ø 0,7 mm: 20 %

	Product Code	Order No.	Characteristics	Needle ø Length	Length	ø Working Channel	Unit
	INJ1-A2-05-3-23-230	502597	Latching mechanism, distal needle guide	0.5 mm (25 Gauge) 3 mm	230 cm	2.8 mm	10
	INJ1-A2-07-3-23-230	502598	Latching mechanism, distal needle guide	0.7 mm (23 Gauge) 3 mm	230 cm	2.8 mm	10
	INJ1-A2-05-4-23-180	502333	Latching mechanism, distal needle guide	0.5 mm (25 Gauge) 4 mm	180 cm	2.8 mm	10
	INJ1-A2-05-4-23-230	502334	Latching mechanism, distal needle guide	0.5 mm (25 Gauge) 4 mm	230 cm	2.8 mm	10
	INJ1-A2-07-4-23-180	502335	Latching mechanism, distal needle guide	0.7 mm (23 Gauge) 4 mm	180 cm	2.8 mm	10
	INJ1-A2-07-4-23-230	502336	Latching mechanism, distal needle guide	0.7 mm (23 Gauge) 4 mm	230 cm	2.8 mm	10
	INJ1-A2-07-5-23-180	502337	Latching mechanism, distal needle guide	0.7 mm (23 Gauge) 5 mm	180 cm	2.8 mm	10
	INJ1-A2-07-5-23-230	502338	Latching mechanism, distal needle guide	0.7 mm (23 Gauge) 5 mm	230 cm	2.8 mm	10
	INJ1-A2-09-5-23-180	502433	Latching mechanism, distal needle guide	0.9 mm (21 Gauge) 5 mm	180 cm	2.8 mm	10
	INJ1-A2-09-5-23-230	502434	Latching mechanism, distal needle guide	0.9 mm (21 Gauge) 5 mm	230 cm	2.8 mm	10

	Product Code	Order No.	Characteristics	Needle ø length	Length	ø Working Channel	Unit
	INJ1-A1-05-5-18-180	500745	Latching mechanism, distal needle guide	0.5 mm (25 Gauge) 5 mm	180 cm	2.0 mm	10
	INJ1-A1-07-5-18-180	500752	Latching mechanism, distal needle guide	0.7 mm (23 Gauge) 5 mm	180 cm	2.0 mm	10
	INJ1-A1-07-8-23-230	500771	Latching mechanism, distal needle guide	0.7 mm (23 Gauge) 8 mm	180 cm	2.3 mm	10

General GI



Precise needle activation and kink-resistant

40% lower injection resistance

Easy handling due to single hand operation

MANTA



Impressive precision in extreme positions!

Follows every curve: the flexible Manta injection needle even finds its way through highly convoluted regions of the body and yet retains its extreme precision.

Maximum kink-resistance and single handed operation ease the application. The unique needle design makes the injection of fluids noticeably easier.

MANTA Injection needles

Suitable with Histoacryl

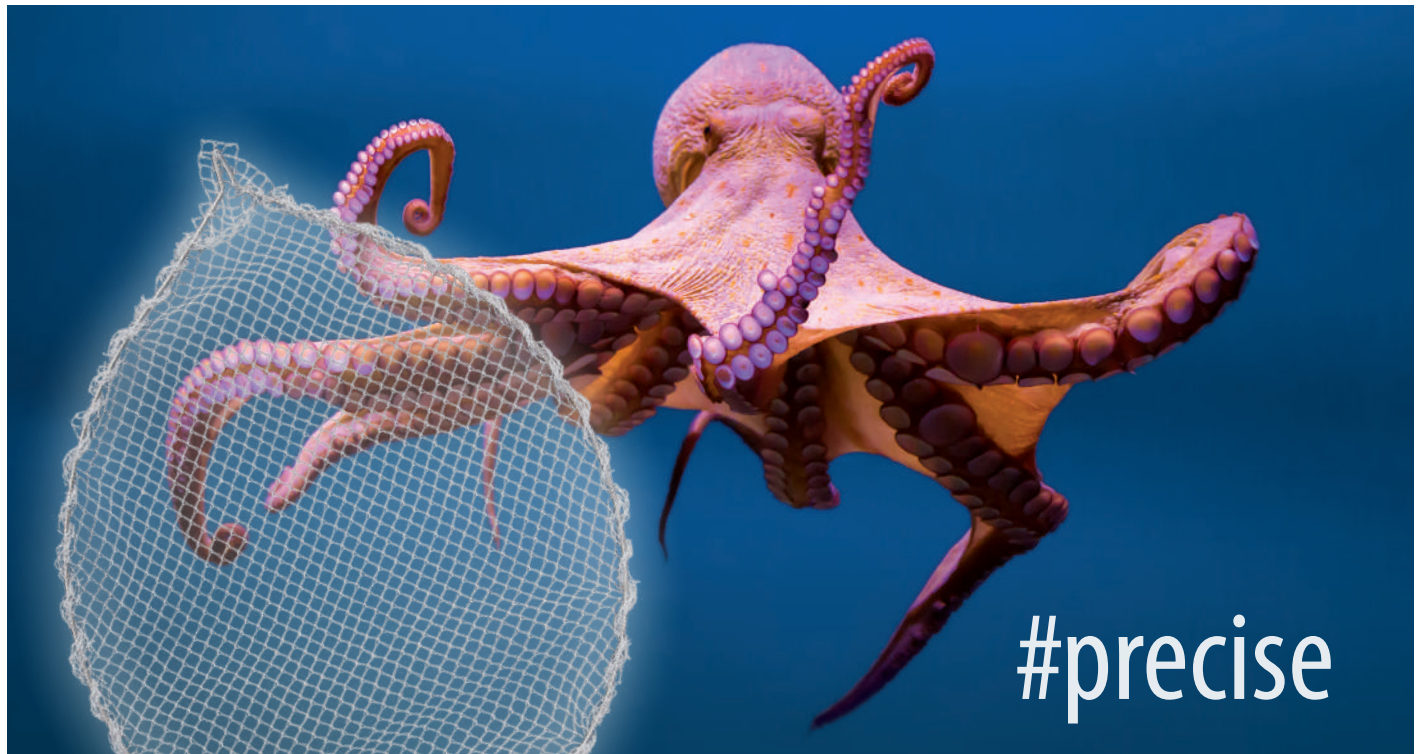


	Product Code	Order No.	Characteristics	Needle ø Length	Length	ø Working Channel	Unit
	INJ1-A3-05-5-18-240	502488	Latching mechanism, distal needle guide	0.5 mm (25 Gauge) 5 mm	240 cm	2.0 mm	5
	INJ1-A3-07-5-18-240	502487	Latching mechanism, distal needle guide	0.7 mm (23 Gauge) 5 mm	240 cm	2.0 mm	5

For many injection needles, applications in the terminal ileum or caecum constitute borderline cases where numerous instruments can no longer be activated reliably. Even 90° angulation of the injection needle by the Albarran lever in a duodenoscope often leads to failure of the instrumentation. In such a case, Manta ensures reliable retraction and extension of the needle, even in sharply angulated device positions, and prevents feared damage to the working channel.



General GI



#precise



For polyps & foreign bodies

Stable framed net

Direct rotatability*

OCTOPUS

High volume!

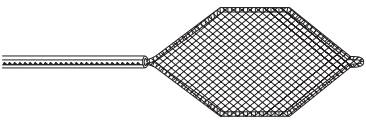
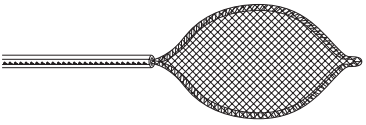
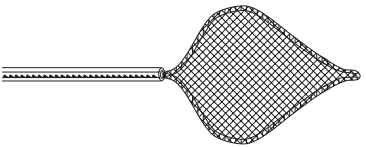
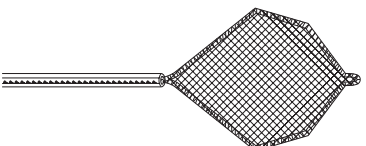
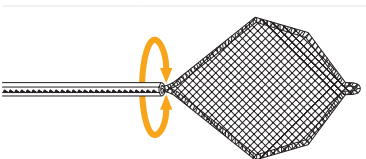
There is no escape: the new Octopus retrieval net takes on polyps and foreign bodies. The sturdy structure of the frame ensures reliable removal.

Versatility in use, it can be used for several foreign bodies – due to its reservoir function. Direct rotatability and a high degree of flexibility facilitate the process.

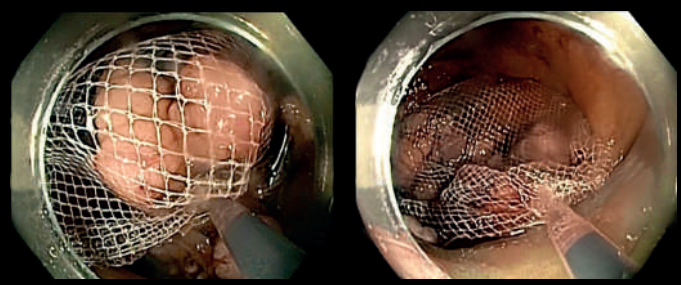
*FOR1-N3-30-220

OCTOPUS Foreign body retrieval net



	Product Code	Order No.	Characteristics	Volume Net	Length	ø Working Channel	Unit
	FOR1-N1-20-180	502477	Hexagonal, framed, paediatric	3 cm ³	180 cm	2.0 mm	5
	FOR1-N1-30-220	502479	Oval, framed	6 cm ³	220 cm	2.8 mm	5
	FOR1-N1-40-220	502480	Reservoir function, framed	8 cm ³	220 cm	2.8 mm	5
	FOR1-N2-30-220	502481	Kite, framed	6 cm ³	220 cm	2.8 mm	5
	FOR1-N3-30-220	502482	Kite, framed, rotatable	6 cm ³	220 cm	2.8 mm	5

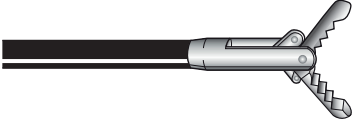
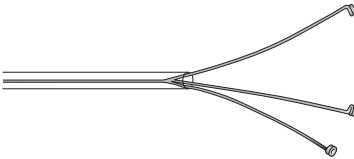
Owing to a new reservoir design Octopus enables easy and reliable recovery of multiple objects simultaneously. Whereby 1:1 rotatability facilitates manoeuvring during foreign body recovery. The extremely sturdy net reliably maintains its position and does not slip.



General GI

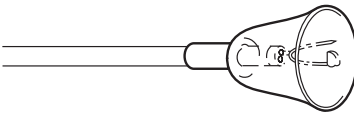
Foreign body forceps



	Product Code	Order No.	Characteristics	Opening width	ø Tube	Length	ø Working Channel	Unit
	FOR1-A1-23-230	502185	Alligator, metal spring, coated	9 mm	2.3 mm	230 cm	2.8 mm	10
	FOR1-A2-23-230	502284	Hybrid jaw configuration alligator/rat tooth, metal spring, coated	9 mm	2.3 mm	230 cm	2.8 mm	10
	FOR1-A2-23-260	502548	Hybrid jaw configuration alligator/rat tooth, metal spring, coated	8 mm	2.3 mm	260 cm	2.8 mm	10
			Balloon Enteroscopy					
	FOR1-P1-18-230	502549	Pelican, coated, Paediatrics	9 mm	1.8 mm	230 cm	2.0 mm	10
	FOR1-P1-23-230	502547	Pelican, coated	15.5 mm	2.3 mm	230 cm	2.8 mm	10
	FOR1-H3-23-230	501946	Three-arm grasping forceps, PTFE catheter	-	2.3 mm	230 cm	2.8 mm	5

Protection cap



	Product Code	Order No.	Characteristics	Unit
	WS0420000	500944	Foreign body protection cap	10



#mindful

Two removable filter trays

Safe and simple taking of specimens

KOALA



Continuity in use!

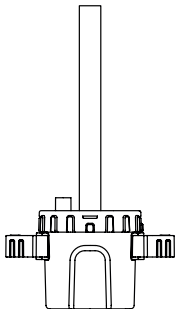
Of course it cannot handle two kilos of eucalyptus, but it can manage countless polyps cleanly and safely. The two removable filter trays of the koala polyp trap facilitate easy removal of

tissue specimens and therefore protect against contamination with biomaterial.

General GI

KOALA Polyptrap



	Product Code	Order No.	Characteristics	Unit
	TRP1-S2	502499	2 chambers	25
	TRP1-S4	502536	2 sieve drawers, white 2 additional sieve drawers, grey	25

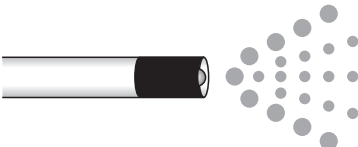
Minimised contamination risk

On account of the two integrated strainers of the new Koala it is no longer necessary to deposit a contaminated strainer outside the system. That minimises contamination with biomaterial, and hence the infection risk.



Spray catheter



	Product Code	Order No.	Characteristics	Length	ø Working Channel	Unit
	SPE1-C6-18-220	501718	Spray catheter	220 cm	2.0 mm	10

See the performance





General GI



Multidimensional cutting
for precise excision of the retaining plate

Accurate positioning facilitates the
star-shaped incision of the mucosa

FLAMINGO

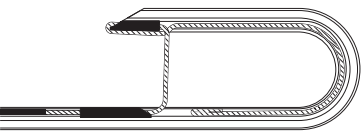
Buried-bumper syndrome? Complete flexibility!

Inspired by nature, extremely versatile and effective: The novel Flamingo-kit – a system to meet the therapeutic challenges of the buried-bumper syndrome.

A simple yet precise excision of the PEG's retaining plate, thanks to the unique cutting wire design, which allows multidimensional cutting.

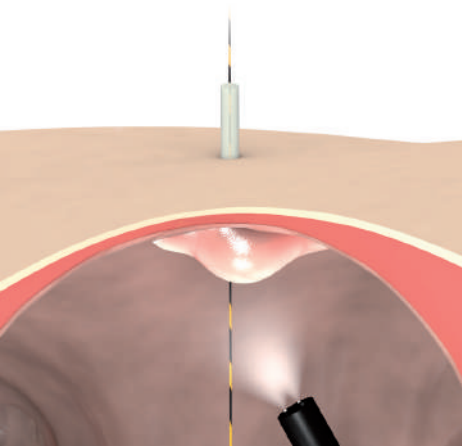
FLAMINGO Kit



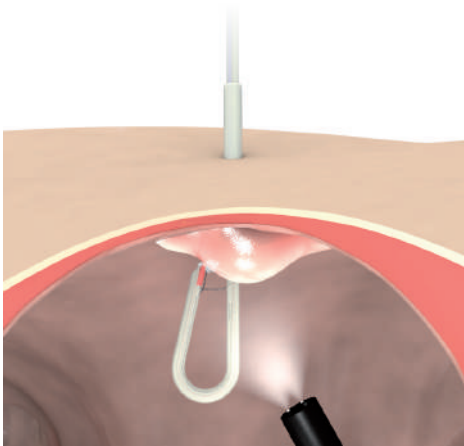
	Product Code	Order No.	Characteristics	Cutting Length	Length	Accepted Guide Wire	Unit
	POL3-P1-40-30-30	502490	Flamingo kit consisting of:				1
			1 Flamingo for 15Fr PEG probe, 2 lumen, CWT, rotatable	6 10 mm	30 cm	.035"	
			1 Foreign body forceps, alligator/rat tooth	-	230 cm	-	
			1 Guide wire, hydrophilic tip	-	120 cm	-	



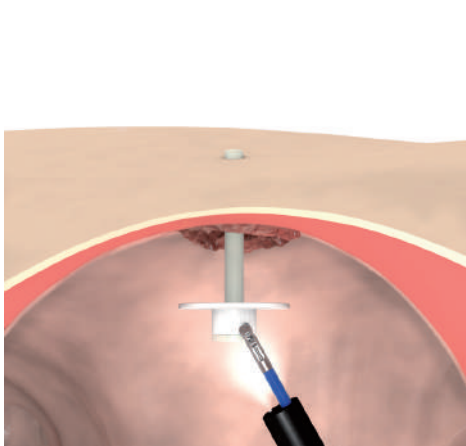
PUSH TECHNIQUE



1 Exploration with the PEG probe using a guide wire



2 Cutting the PEG probe free with the Flamingo by making a star-shaped incision

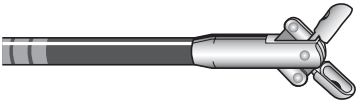
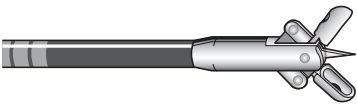
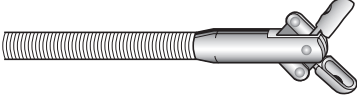
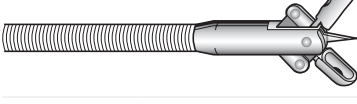
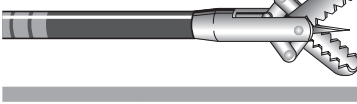


3 Removal of the PEG probe from the stomach with the foreign body forceps

General GI

EndoBite² Biopsy forceps



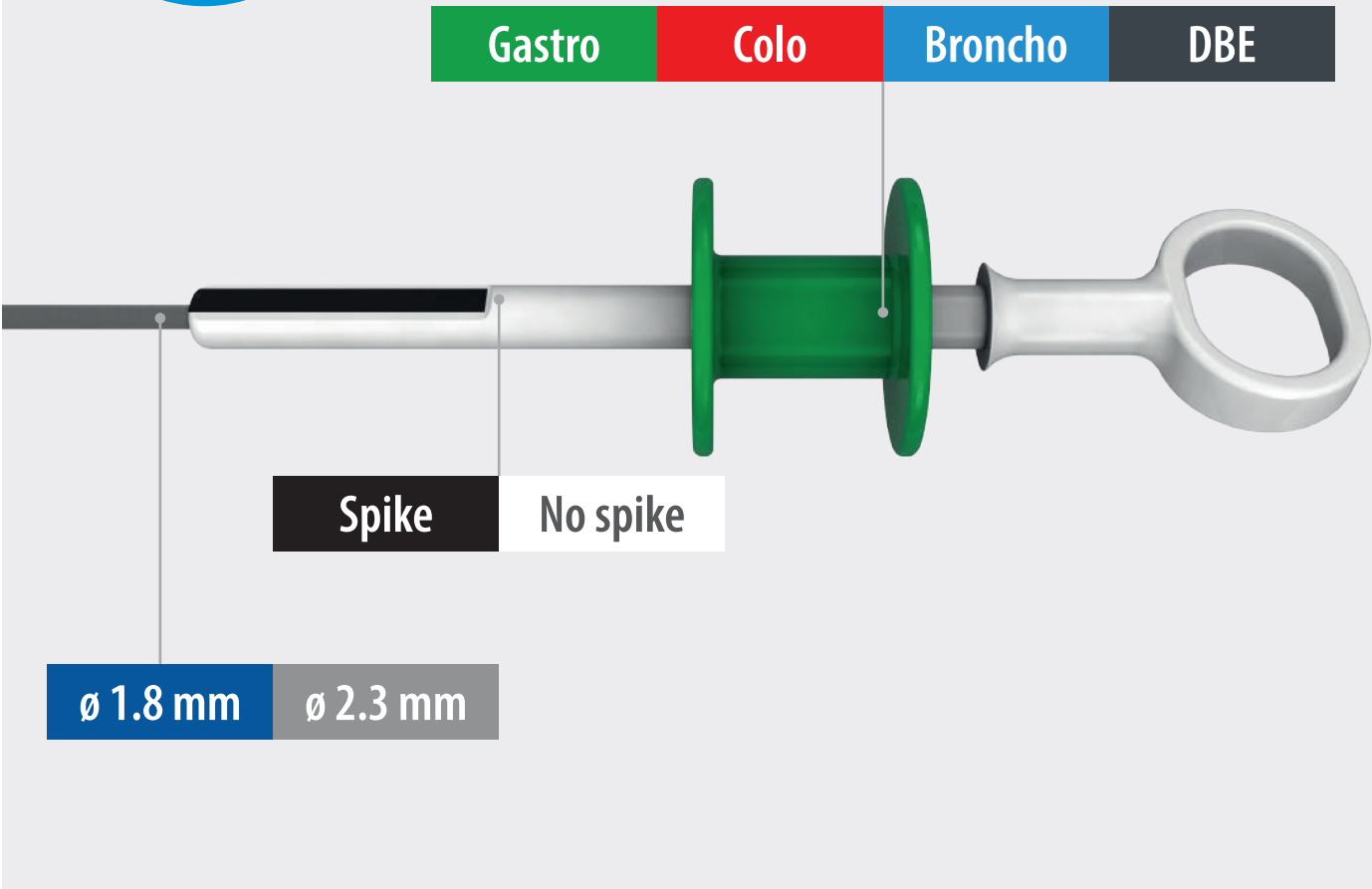
	Product Code	Order No.	Characteristics	ø Jaws	Length	ø Working Channel	Unit
	BI01-C4-18-120	502004	Oval jaws, coated, Bronchoscopy	1.8 mm	120 cm	2.0 mm	10
	BI01-C4-18-180	502005	Oval jaws, coated, Paediatrics	1.8 mm	180 cm	2.0 mm	10
	BI01-C4-18-260	502006	Oval jaws, coated, Balloon Enteroscopy	1.8 mm	260 cm	2.0 mm	10
	BI01-C4-23-180	501900	Oval jaws, mono pull wire, coated	2.3 mm	180 cm	2.8 mm	10
	BI01-C4-23-230	501901	Oval jaws, mono pull wire, coated	2.3 mm	230 cm	2.8 mm	10
	BI01-D4-23-180	501898	Oval jaws, mono pull wire, coated, spike	2.3 mm	180 cm	2.8 mm	10
	BI01-D4-23-230	501899	Oval jaws, mono pull wire, coated, spike	2.3 mm	230 cm	2.8 mm	10
	BI01-C3-23-180	500160	Oval jaws, mono pull wire	2.3 mm	180 cm	2.8 mm	10
	BI01-C3-23-230	500161	Oval jaws, mono pull wire	2.3 mm	230 cm	2.8 mm	10
	BI01-D3-23-180	500164	Oval jaws, mono pull wire, spike	2.3 mm	180 cm	2.8 mm	10
	BI01-D3-23-230	500165	Oval jaws, mono pull wire, spike	2.3 mm	230 cm	2.8 mm	10
	BI01-G4-23-180	502162	Alligator, mono pull wire	2.3 mm	180 cm	2.8 mm	10
	BI01-G4-23-230	502163	Alligator, mono pull wire	2.3 mm	230 cm	2.8 mm	10
	BI01-H4-23-180	502556	Alligator, mono pull wire, spike	2.3 mm	180 cm	2.8 mm	10
	BI01-H4-23-230	502557	Alligator, mono pull wire, spike	2.3 mm	230 cm	2.8 mm	10

EndoBite² with mono pull wire

Ensures large sizes of sample material ideal for histological assessment because the cut surfaces are completely closed, even if the position of the endoscope is challenging. The mono pull wire prevents the branches from tilting and thus protects the working channel against wear and damage.



NEW
WITH COLOUR CODE



Biopsy forceps (macro forceps)



	Product Code	Order No.	Characteristics	Ø Jaws	Length	Ø Working Channel	Unit
	AMHBFJ2.8*2300	AMHBFJ2.8*2300	Alligator, mono pull wire, coated, macro forceps	2.8 mm	230 cm	3.2 mm	10
	AMHBFK2.8*2300	AMHBFK2.8*2300	Alligator, mono pull wire, coated, macro forceps, spike	2.8 mm	230 cm	3.2 mm	10

General GI



Multiple open
and close

Direct rotatability

Intuitive handling

Opening width up to 16 mm

Vedkang®

Rotatable, simple and safe!

Simple and safe operation and particularly stable clips are the hallmark of the new haemostasis clip applicator.

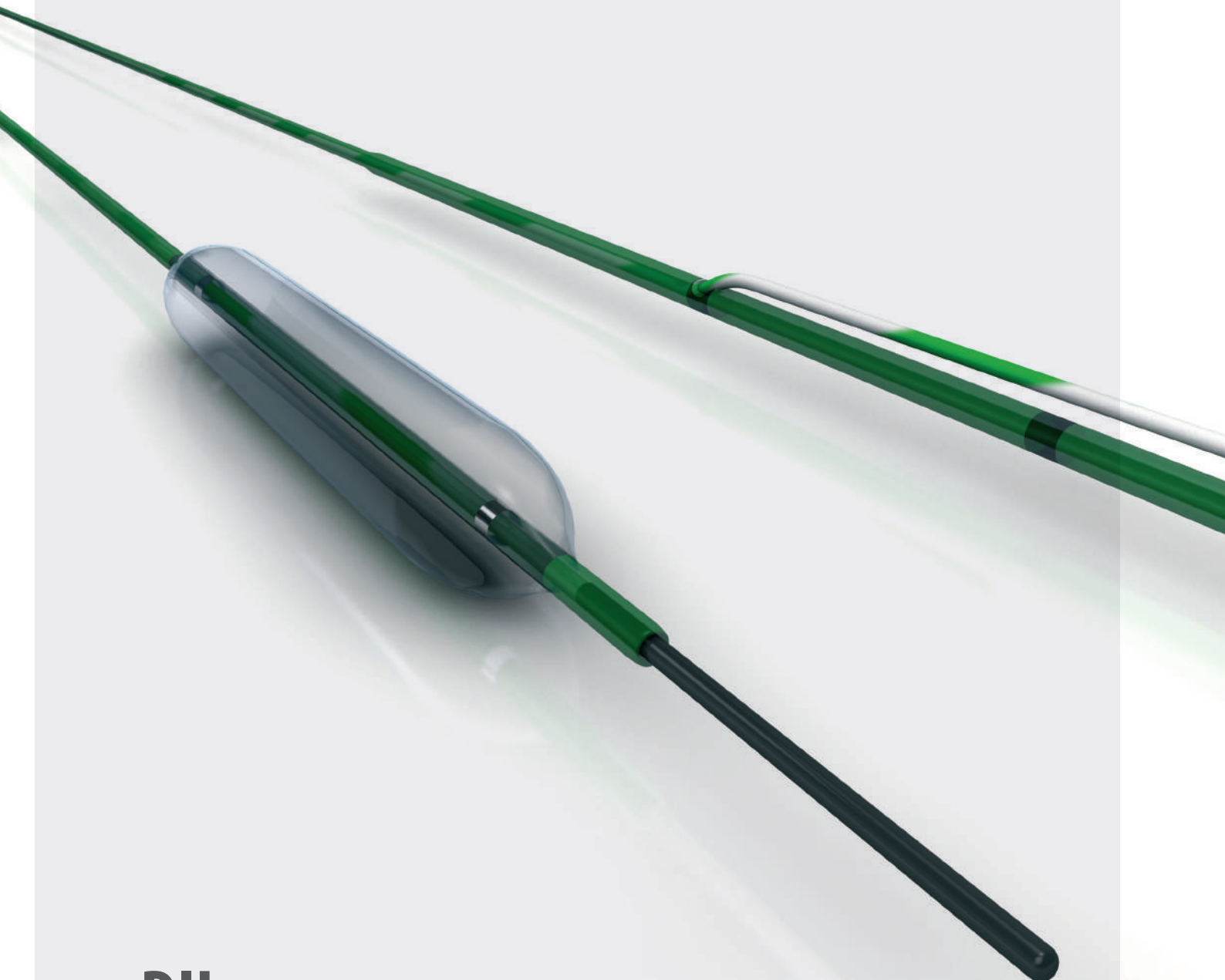
With the large, individually adjustable opening width, the direct rotatability and the reopening function the clip can be optimally positioned.

Vedkang Haemostasis clip



	Product Code	Order No.	Characteristics	Opening width	Length	ø Working Channel	Unit
	VDK-CD-11-230-P	502589	Coated, 360° positioning	11 mm	230 cm	2.8 mm	10
	VDK-CD-13-230-P	502590	Coated, 360° positioning	13 mm	230 cm	2.8 mm	5
	VDK-CD-16-230-P	502591	Coated, 360° positioning	16 mm	230 cm	2.8 mm	5

General GI

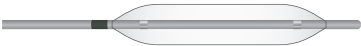


DIL^{Series}
Dilation Balloons

Dilation balloons

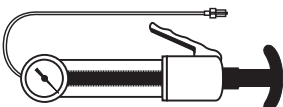
easycure, working length 230 cm, for guide wires ≥ 200 cm



	Product Code	Order No.	Characteristics	ø Balloon	Length Balloon	Accepted Guide Wire	ø Working Channel	Unit
	DIL1-A1-06-40-23-35	502268	2 Radiopaque markings, tapered catheter (2.3 1.8 mm)	6 mm	40 mm	.035"	3.2 mm	2
	DIL1-A1-08-40-23-35	502269	2 Radiopaque markings, tapered catheter (2.3 1.8 mm)	8 mm	40 mm	.035"	3.2 mm	2
	DIL1-A1-10-40-23-35	502270	2 Radiopaque markings, tapered catheter (2.3 1.8 mm)	10 mm	40 mm	.035"	3.2 mm	2
	DIL1-A1-12-60-23-35	502271	2 Radiopaque markings	12 mm	60 mm	.035"	3.2 mm	2
	DIL1-A1-14-60-23-35	502272	2 Radiopaque markings	14 mm	60 mm	.035"	3.2 mm	2
	DIL1-A1-16-60-23-35	502273	2 Radiopaque markings	16 mm	60 mm	.035"	3.2 mm	2
	DIL1-A1-18-60-23-35	502274	2 Radiopaque markings	18 mm	60 mm	.035"	3.2 mm	2
	DIL1-A1-20-60-23-35	502275	2 Radiopaque markings	20 mm	60 mm	.035"	3.2 mm	2

Insufflation device



	Product Code	Order No.	Characteristics	Unit
	DIL1-B1-60	502278	60 ml volume, 12 Atm maximum pressure	1

info_ffmw@fujifilm.com
www.medwork.com

Tel.: +49 9193 500900
Fax: +49 9193 500999

FUJIFILM medwork GmbH
Medworkring 1
91315 Höchstadt/Aisch
Germany