

## CLINICAL PRODUCTS

Key Surgical offers a wide variety of intuitively designed tools needed by endoscopy clinicians. Sterile and ready-for-use.

Polypectomy Snares are used endoscopically in the removal of diminutive, sessile, or pedunculated polyps and tissue from within the GI tract. Choose from a variety of widths (from 10mm to 30mm) and either hexagonal, crescent or oval shape.

Biopsy Forceps are available in a wide range of styles and functionalities. Whether you prefer an alligator cup with a spike (to help obtain the tissue during biopsy) or you like using an oval cup without a spike - we have what you need. Our forceps are coated, swinging, and fenestrated.

Haemostasis Clips are designed to clip tissue together during a GI procedure, which most often occurs after the removal of a polyp. Repositionable and rotatable to help improve accuracy, workflow, and performance.

Got a foreign object to retrieve? We have multiple solutions designed to retrieve the various foreign bodies in the GI tract ranging from (but not limited to) coins to marbles. These Retrievers, Retrieval Nets, and Grasping Forceps are all compatible with a standard working endoscope channel of 2.8mm or larger.

During an upper GI procedure, sometimes it may be necessary to dilate a narrowed area of the oesophagus. For that need we have multiple sizes of Oesophageal Dilators for you to choose from in diameters ranging between 5mm and 20mm.

Polypectomy Snares

Biopsy Forceps

Injection Needles

Haemostasis Clips

Foreign Body Retrievers

Oesophageal Dilators

Ligature Systems

Please note: Unless specified, all products are not made with natural rubber latex.

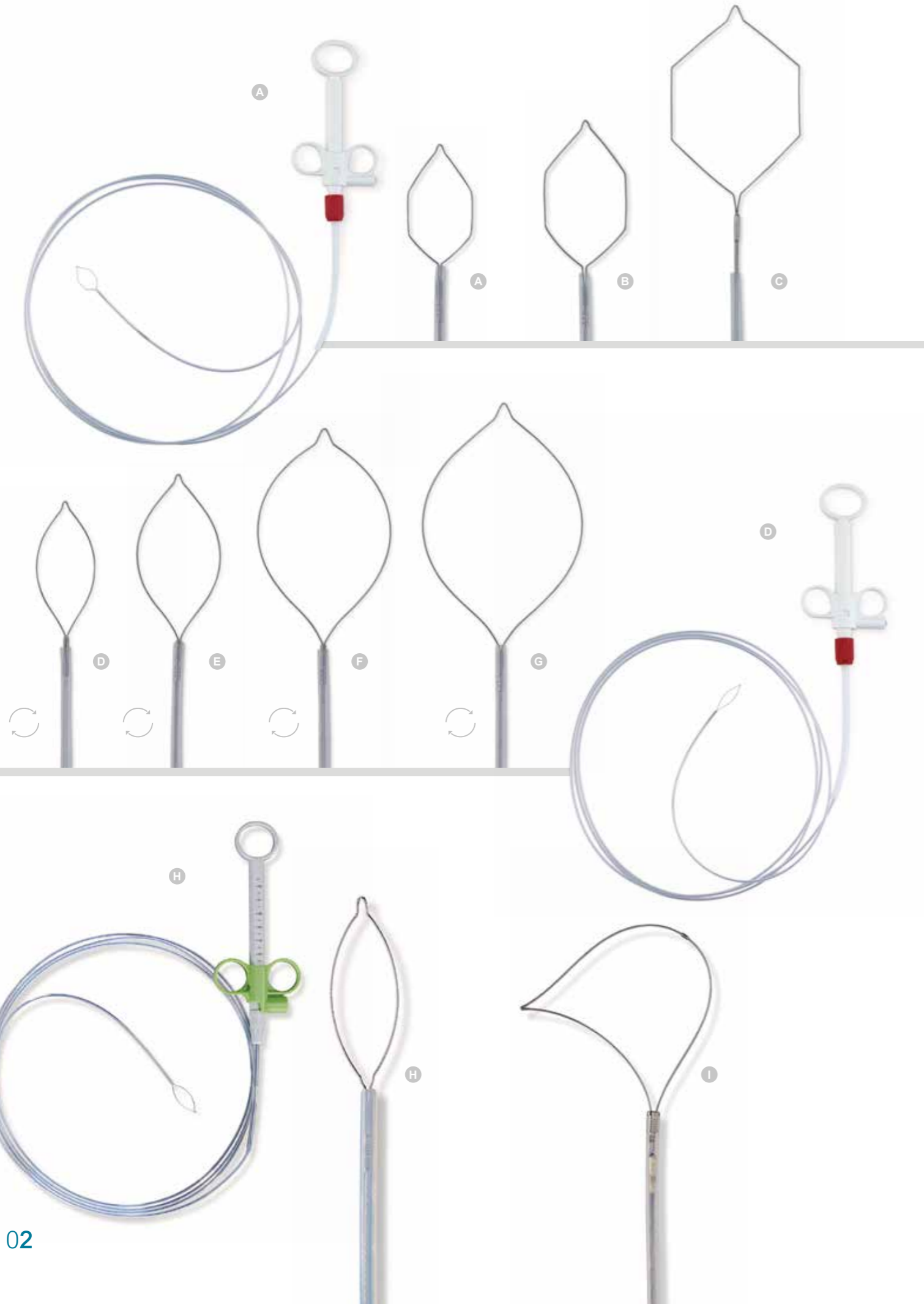


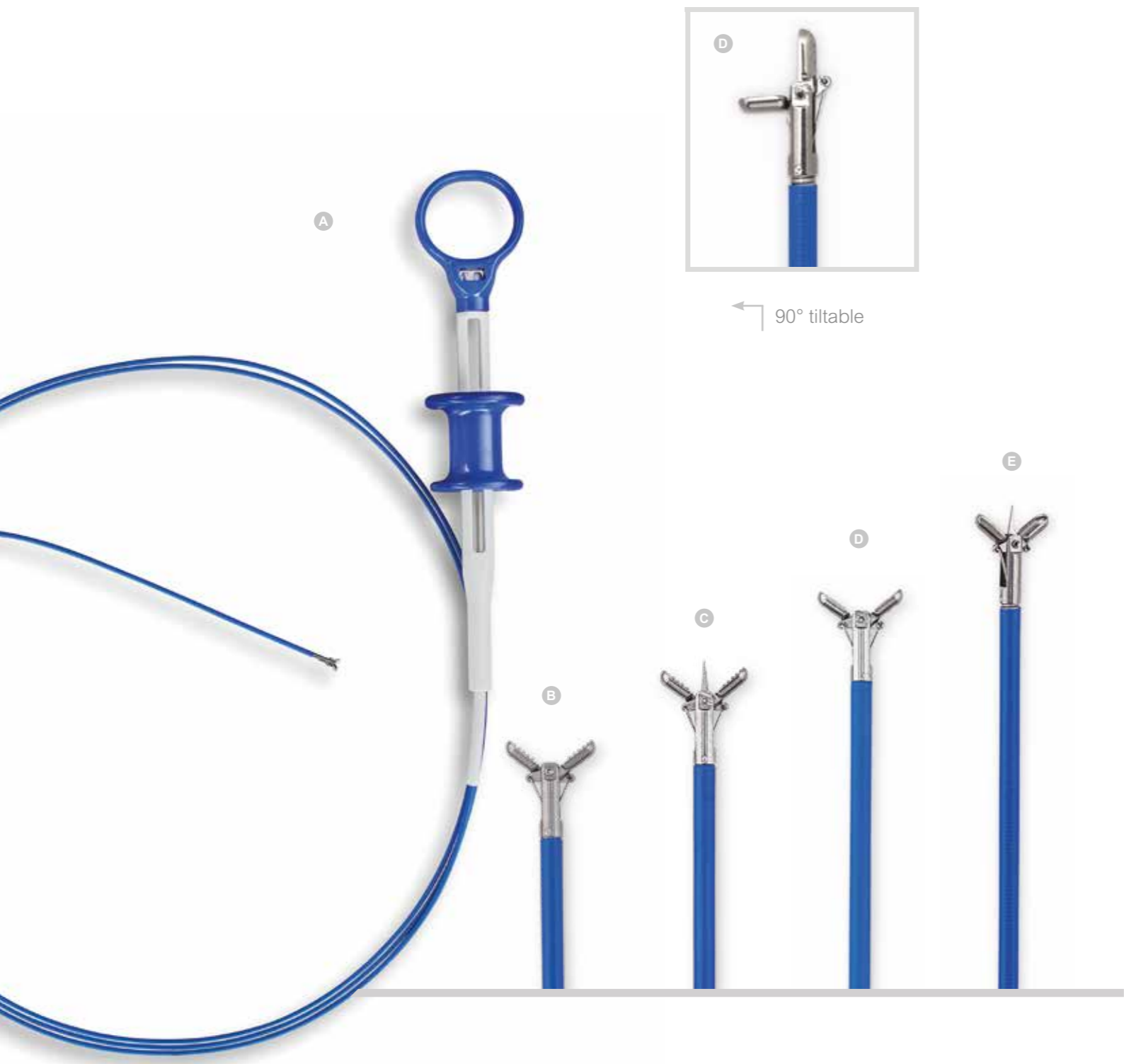
**POLYPECTOMY SNARES**

Polypectomy Snares are used to facilitate polyps and mucosal resection from the GI tract. Available in multiple styles (oval, mini-oval, or hexagonal) to suit your procedural needs. Compatible with 2.8mm working biopsy channels (maximum 2.4mm diameter). Working length 2300mm. Sterile. Single use.

REF	Description	Shape	Ø (mm)	Snare Ø (mm)	Qty
<b>H</b> EN 10330	cold, stiff wire	oval	2.4	10.0	10 pcs
EN 10330R	rotatable, cold, stiff wire	oval	2.4	10.0	10 pcs
EN 10331R	rotatable, cold, stiff wire	oval	2.4	15.0	10 pcs
EN10240	monofilament wire	oval	2.3	10.0	10 pcs
EN10241	monofilament wire	oval	2.3	15.0	10 pcs
EN10242	monofilament wire	oval	2.3	20.0	10 pcs
EN10243	monofilament wire	oval	2.3	25.0	10 pcs
EN10244	monofilament wire	oval	2.3	30.0	10 pcs
<b>A</b> EN10300	multi-wire	hexagonal	2.4	10.0	10 pcs
<b>B</b> EN10301	multi-wire	hexagonal	2.4	15.0	10 pcs
EN10302	multi-wire	hexagonal	2.4	20.0	10 pcs
<b>C</b> EN10303	multi-wire	hexagonal	2.4	25.0	10 pcs
EN10304	multi-wire	hexagonal	2.4	30.0	10 pcs
EN10305	multi-wire	hexagonal	2.4	35.0	10 pcs
<b>D</b> EN10306	multi-wire	oval	2.4	10.0	10 pcs
EN10306R	multi-wire, rotatable	oval	2.4	10.0	10 pcs
<b>E</b> EN10307	multi-wire	oval	2.4	15.0	10 pcs
EN10307R	multi, rotatable	oval	2.4	15.0	10 pcs
EN10308	multi-wire	oval	2.4	20.0	10 pcs
EN10308R	multi-wire, rotatable	oval	2.4	20.0	10 pcs
<b>F</b> EN10309	multi-wire	oval	2.4	25.0	10 pcs
EN10309R	multi-wire, rotatable	oval	2.4	25.0	10 pcs
<b>G</b> EN10310	multi-wire	oval	2.4	30.0	10 pcs
EN10310R	multi-wire, rotatable	oval	2.4	30.0	10 pcs
EN10311	multi-wire	oval	2.4	35.0	10 pcs
EN10311R	multi-wire, rotatable	oval	2.4	35.0	10 pcs
<b>I</b> EN10315	multi-wire	crescent	2.4	10.0	10 pcs
EN10316	multi-wire	crescent	2.4	15.0	10 pcs
<b>I</b> EN10317	multi-wire	crescent	2.4	20.0	10 pcs
<b>I</b> EN10318	multi-wire	crescent	2.4	25.0	10 pcs

⌚ = rotatable





## BIOPSY FORCEPS

Designed to be used in minimally invasive GI and urological endoscopy procedures to collect biopsy specimens. Available in both alligator and oval cup designs with or without the positioning spike. Length markers assist with insertion and withdrawal process. Sterile. Single use.

REF	Description	Ø (mm)	Opening width (mm)	Bite size (mm)	Fits scope channel (mm)	Length (mm)	Qty
EN10158A*	uncoated	2.3	7.0	4.6	2.8	1800	10 pcs
EN10159A*	uncoated	2.3	7.0	4.6	2.8	2300	10 pcs
EN10160A*	uncoated, with spike	2.3	7.0	4.6	2.8	1800	10 pcs
EN10161A*	uncoated, with spike	2.3	7.0	4.6	2.8	2300	10 pcs
EN10162	uncoated	1.8	5.6	2.1	2.0	1200	10 pcs
EN10162A	coated	1.8	5.6	2.1	2.0	1200	10 pcs
EN10163	coated, with spike	1.8	5.6	2.1	2.0	1200	10 pcs
EN10163A	coated, with spike	1.8	5.6	2.1	2.0	1800	10 pcs
EN10164A*	coated	2.3	7.0	4.6	2.8	1800	10 pcs
EN10164P	coated	2.3	7.0	2.9	2.8	1800	10 pcs
EN10165A*	coated	2.3	7.0	4.6	2.8	2300	10 pcs
EN10165P	coated	2.3	7.0	2.9	2.8	2300	10 pcs
EN10166A*	coated, with spike	2.3	7.0	4.6	2.8	1800	10 pcs
EN10166P	coated, with spike	2.3	7.0	2.9	2.8	1800	10 pcs
EN10167A*	coated, with spike	2.3	7.0	4.6	2.8	2300	10 pcs
EN10167P	coated, with spike	2.3	7.0	2.9	2.8	2300	10 pcs
A EN10168A	coated	1.8	5.6	2.1	2.0	1800	10 pcs
EN10266A	jumbo, coated	3.0	8.9	3.5	3.2	2300	10 pcs
B EN10268A	coated	2.3	7.0	4.2	2.8	2300	10 pcs

## SWINGING BIOPSY FORCEPS

REF	Cup	Spike	Ø (mm)	Fits scope channel (mm)	Length (mm)	Qty
B EN10267AS	alligator	no	2.4	2.8	1800	10 pcs
EN10268AS	alligator	no	2.4	2.8	2300	10 pcs
C EN10269AS	alligator	yes	2.4	2.8	1800	10 pcs
EN10270AS	alligator	yes	2.4	2.8	2300	10 pcs
EN10271AS	oval	no	2.4	2.8	1800	10 pcs
D EN10272AS	oval	no	2.4	2.8	2300	10 pcs
E EN10273AS	oval	yes	2.4	2.8	1800	10 pcs
EN10274AS	oval	yes	2.4	2.8	2300	10 pcs

\*6.35mm bite size version also available (EN101XXNG)

## Clinical Products – Injection Needles and Hemostasis Clips



### HOT BIOPSY FORCEPE

with HF connection. Sterile. Single use.

REF	Description	Ø (mm)	Bite Size (mm)	Fits scope channel (mm)	Length (mm)	Qty
EN10168	coated	2.3	4.6	2.8	2300	10 pcs

### INJECTION NEEDLES

Our range of injection needles are designed for the seamless injection of different liquid agents where necessary. They consist of an outer sheath (plastic, Teflon™, or stainless steel) and an inner hollow core needle. Fits scope channels of 2.8mm. Working length 2300mm. Sterile. Single use.

REF	Details	Fits scope channel (mm)	Ø (mm)	NeedleØ (mm)	Needle Length (mm)	Length (mm)	Qty
<b>A</b> EN10170A	23G	2.8	2.4	0.6	4.0	2300	10 pcs
<b>B</b> EN10171A	23G	2.8	2.4	0.6	5.0	2300	10 pcs
<b>C</b> EN 10172A	23G	2.8	2.4	0.6	6.0	2300	10 pcs
<b>D</b> EN10173A	19G	2.8	2.4	1.1	5.0	2300	10 pcs
EN10174	spray catheter	2.8	2.4	N/A	N/A	2300	10 pcs



### HAEMOSTASIS CLIPS

During endoscopic interventions, haemostasis clips are commonly used to control GI bleeding and facilitate wound healing. Reliance® haemostasis Clips are indicated for clip placement within the digestive tract for the purpose of mechanical pressure treatment of bleeding of small arteries and pulsation. Sterile. Single use.

REF	Description	Fits scope channel (mm)	Ø (mm)	Opening width (mm)	Opening angle	Qty
<b>E</b> EN10400	Reliance, coated	2.8	2.6	11.0	135°	5 pcs
<b>F</b> EN10400.16	Reliance, coated	2.8	2.6	16.0	135°	5 pcs
EN10400P	Reliance, uncoated	2.8	2.6	11.0	135°	10 pcs
EN10400P.16	Reliance, uncoated	2.8	2.6	16.0	135°	10 pcs
EN10402.12	Safe-Insert, coated	2.8	2.6	12.0	135°	5 pcs
<b>G</b> EN10402.15	Safe-Insert, coated	2.8	2.6	15.0	135°	5 pcs
<b>H</b> EN10403.1	Easy Advanced, disposable applicator	2.8	2.7	N/A		1 pc
<b>I</b> EN10403.3	Easy Advanced, rotatable clip	2.8	11.0	N/A	135°	30 pcs

## Clinical Products – Foreign Body Retrievers



### FOREIGN BODY RETRIEVERS

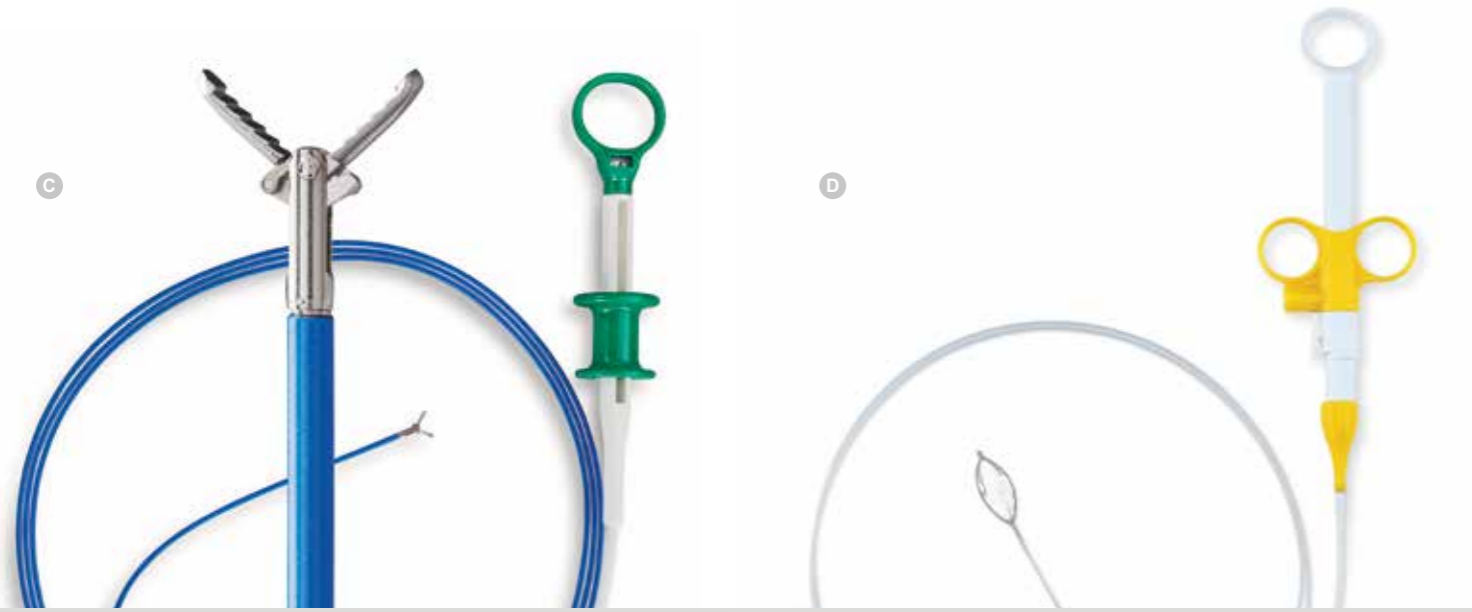
Multiple solutions to retrieve various foreign bodies within the GI tract ranging from (but not limited to) coins to marbles. All our Roth Nets, Foreign Body Retrievers and Grasping Forceps are compatible with a standard working channel 2.8mm or larger.

REF	Description	Ø (mm)	Length (mm)	Qty
A	EN10235A pelican	2.3	2300	10 pcs
B	EN10237A rat tooth	2.3	2300	10 pcs
C	EN10238A alligator	2.3	2300	10 pcs

### ROTH NETS

Available with multiple net sizes. Sterile. Single use.

REF	Ø (mm)	Snare size (mm)	Length (mm)	Qty	
D	EN 10178	1.8	20 x 50	1600	10 pcs
E	EN 10179	2.3	30 x 55	2300	10 pcs
	EN 10180	2.3	40 x 60	2300	10 pcs



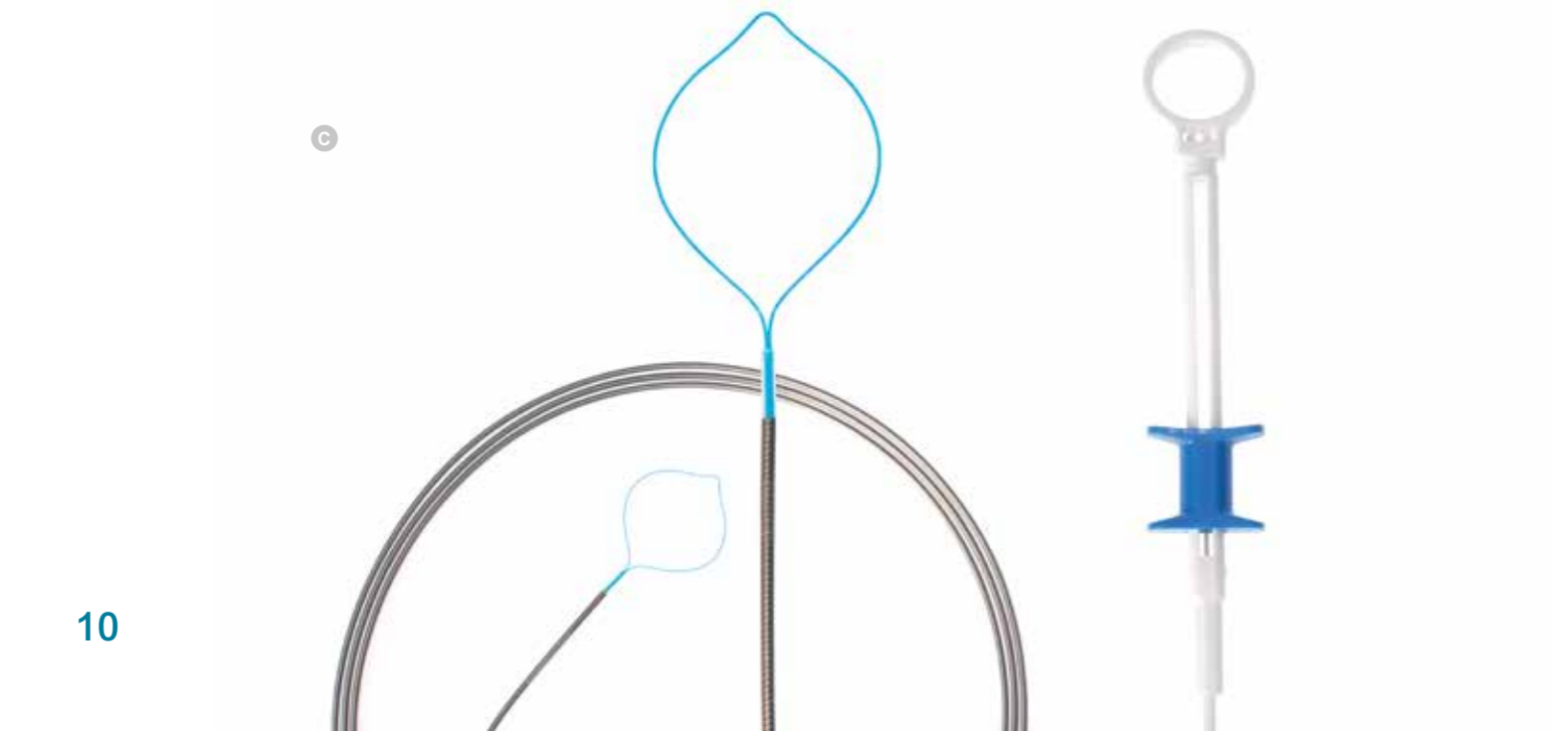
### GRASPING FORCEPS

Available with multiple prong configurations. Sterile. Single use.

REF	Description	Ø (mm)	Length (mm)	Qty	
	EN10135A	3-pod type	2.4	2300	10 pcs
	EN10136A	4-pod type	2.4	2300	10 pcs
F	EN10137A	5-pod type	2.4	2300	10 pcs



## Clinical Products – Oesophageal Dilators



### OESOPHAGEAL DILATORS

Designed for dilatation of the digestive tract and cardia strictures, our Oesophageal Dilators provide an alternative to dilatation balloons. Available in a wide range of diameters. Sterile. Single use.

REF	Ø (mm)	Length (mm)	Qty
A EN10805	5.0	850	5 pcs
EN10806	6.0	850	5 pcs
EN10807	7.0	850	5 pcs
EN10808	8.0	850	5 pcs
EN10809	9.0	850	5 pcs
EN10810	10.0	850	5 pcs
EN10811	11.0	850	5 pcs
EN10812	12.0	850	5 pcs
EN10813	13.0	850	5 pcs
EN10814	14.0	850	5 pcs
EN10815	15.0	850	5 pcs
EN10816	16.0	850	5 pcs
EN10817	17.0	850	5 pcs
EN10818	18.0	850	5 pcs
EN10819	19.0	850	5 pcs
EN10820	20.0	850	5 pcs

### LIGATURE SYSTEMS

The endoscopic ligature rings are designed to prevent bleeding during oesophageal procedures as well as therapy for oesophagus varices.

REF	Rings	for endoscope with outside diameter (mm)	Qty
B EN10407	7	from 9.8	1 pc

### LECLAMP™ LIGATUR SYSTEM

The ligature system has a wide range of applications, e.g. for ligation of blood vessels before a polypectomy or for ligation of defects after EFTR (Endoscopic Full Thickness Resection). Sterile. Single use.

REF	Description	Shape	Ø mm	Snare Ø (mm)	Qty
C EN10701	LeClamp Ligatur System	oval	2.6	30	1 pc