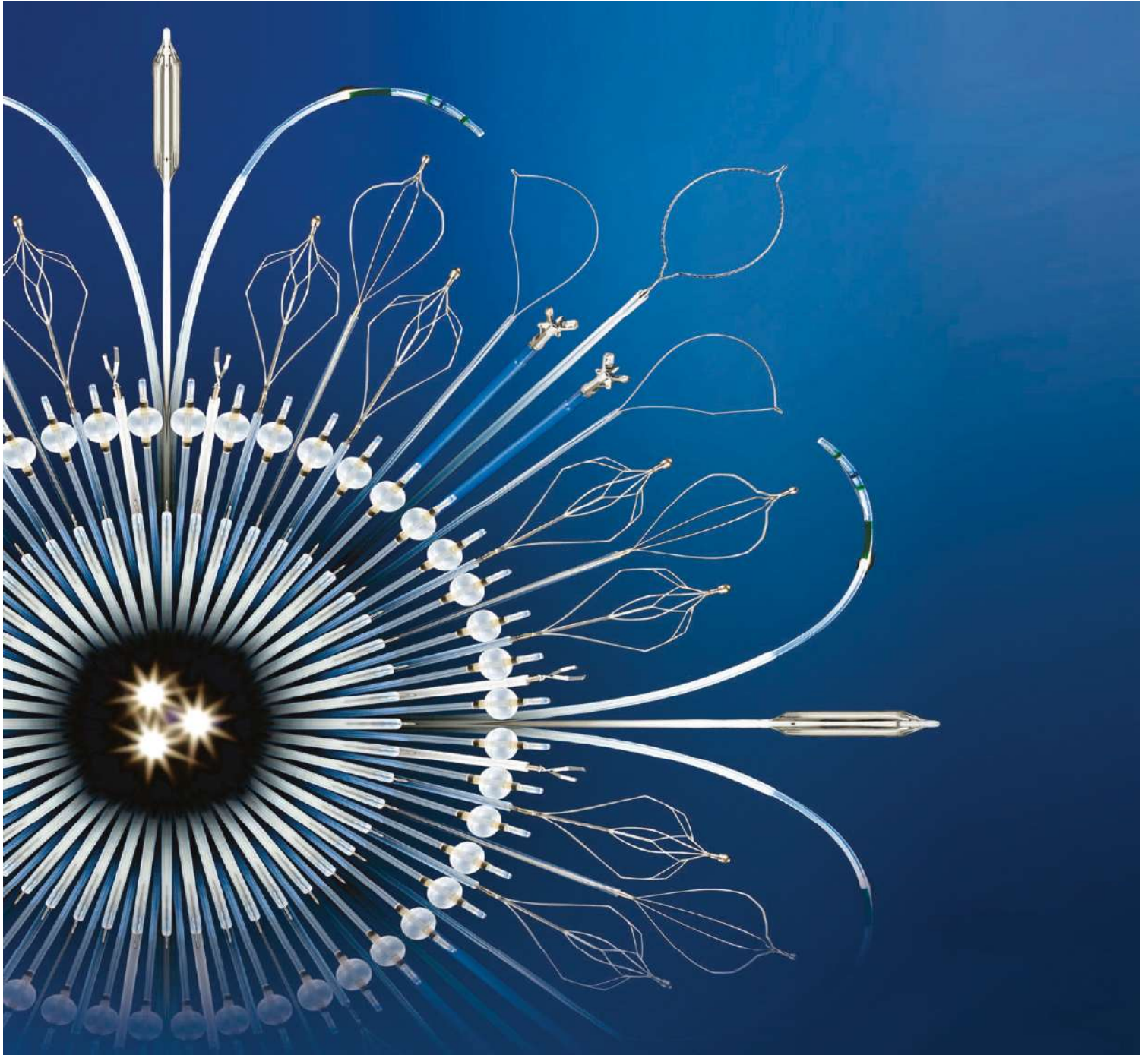


# OLYMPUS

## OLYMPUS ACCESSORIES CATALOGUE



Endo**Therapy**

## OUR PURPOSE

**Making people's lives healthier,  
safer and more fulfilling**

## OUR CORE VALUES



### **PATIENT FOCUS**

We put patients at the heart of everything.



### **INTEGRITY**

We do the right thing.



### **INNOVATION**

We look for new ways to make things better.



### **IMPACT**


















We take accountability and get things done.

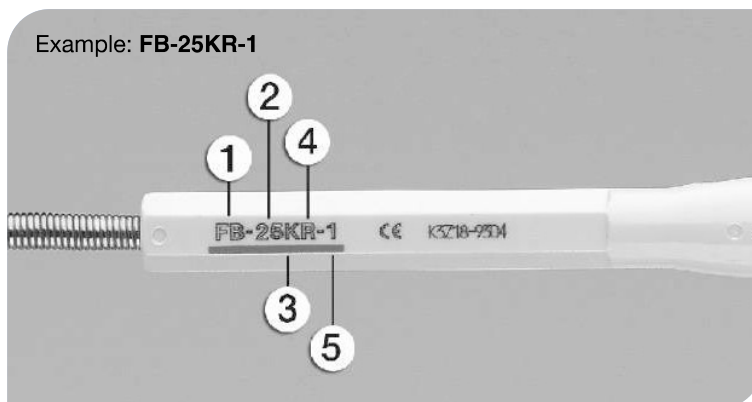


### **EMPATHY**

We care for one another and work together.

# Olympus Nomenclature

B	Balloon Catheter	
BC	Cytology Brush	
BML	Mechanical Lithotripter	
BW	Cleaning Brush	
CD	Coagulation Electrode	
FB	Biopsy Forceps	
FG	Grasping Forceps	
FS	Surgical Scissors	
G	Guide Wire	
HX	Clip Fixing/Ligating Device	
KD	Sphincterotome/ Diathermy Knife	
NA	Aspiration Biopsy Needle	
NM	Injection Needle	
PR	ERCP Cannula	
PW	Washing Pipe/ Spray Catheter	
SD	Polypectomy/ Diathermy Snare	
BD	Balloon Dilator with Knife	



## 1 Accessory type

The first letter in the code indicates the accessory type  
(See table on left).

## 2 Model type

The digit(s) in the middle indicate(s) the exact model within the range.

## 3 Sheath length

The digit(s) in the code indicate(s) the length of the sheath.  
As a general guide, the following letters are the most common:

C/D = Bronchoscope accessory

K/L = Gastro scope accessory

Q/M/P = ERCP accessory

U = Colonoscope accessory

## 4 Rotatability

Some selected models will have an additional 'R' after their sheath length which denotes rotatability.

## 5 Olympus refined reprocessing range



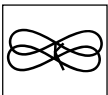

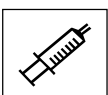

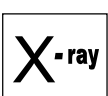
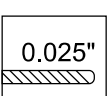
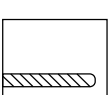
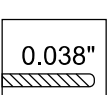
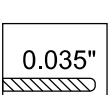
Products with '-1' at the end of their reference code are designed for 'Refined Reprocessing'.

## Serial Code





A unique serial code for traceability.

ST	SW	SX	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	E	U	V	W	Y	Z	LA	LB
500 mm	650 mm	700 mm	850 mm	950 mm	1050 mm	1150 mm	1200 mm	1250 mm	1300 mm	1400 mm	1450 mm	1550 mm	1650 mm	1700 mm	1800 mm	1900 mm	1950 mm	2050 mm	2150 mm	2200 mm	2300 mm	2400 mm	2500 mm	2700 mm	3000 mm	3500 mm	4000 mm

## Symbols for Device Features

	Single use only		This device is sterile packed
	This device is designed for Refined Reprocessing (reusable, autoclavable)		This device allows for the instillation of contrast medium
	This device has a luer-lock connector or cleaning adaptor for flushing		This device can be used in combination with electrosurgical devices
	This device is visible under fluoroscopic control		This device is compatible with a 0.025" guidewire
	This device is guidewire compatible		This device is compatible with a 0.038" guidewire
	This device is compatible with a 0.035" guidewire		

## Symbols for Medical Fields

	Bronchoscopy		Upper GI endoscopy
	Biliary and pancreatic procedures		Lower GI endoscopy

**01 Sampling**

**01-04**

**02 Hemostasis**

**05-08**

**03 ERCP**

**09-15**

**04 EUS**

**16-18**

**05 Advance Procedure**

**19-43**

**06 Enteroscopy**

**44-45**

**07 Zoom Endoscopy & Endocytoscopy**

**46-50**

**08 Bronchoscopy**

**51-58**

**09 Ancillaries**

**59-62**

# Sampling

- **Biopsy Forceps**
- **Grasping Forceps**
- **Polypectomy**
- **Cold Polypectomy**

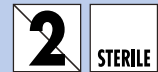
# Biopsy Forceps and Grasping forceps

## EndoJaw

### Single-use oval cup fenestrated biopsy forceps



- Ribbed sheath to aid insertion
- Fenestrated cups for larger biopsies
- Unique SwingJaw mechanism to aid tangential biopsies
- Colour coded sheaths for easy recognition of area compatibility



Model number	Article number	Qty. per box	Min. working channel Ø	Working length	Area compatibility
FB-230K	5838420	20	2.8 mm	1550 mm	

### Single-use oval cup with needle fenestrated biopsy forceps

## EndoJaw



- Ribbed sheath to aid insertion
- Fenestrated cups for larger biopsies
- Unique SwingJaw™ mechanism to aid tangential biopsies
- Needle for improved anchorage
- Colour coded sheaths for easy recognition of area compatibility



Model number	Article number	Qty. per box	Min. working channel Ø	Working length	Area compatibility
FB-240U	5839020	20	2.8 mm	2300 mm	

### Reusable rat tooth grasping forceps



- For removal of flat objects such as coins, soft objects, stone fragments and stents
- Rat tooth for firm grip



Model number	Article number	Qty. per box	Min. working channel Ø	Working Length	Opening Width	Area compatibility
FG-14P-1	4654330	1	2.0 mm	1900 mm	3.0 mm	

### Reusable rat tooth and alligator jaw rotatable grasping forceps



- Strong grasping forceps – designed for ERCP stent removal
- Rat tooth and alligator jaw for firm grip
- Rotatable for easy positioning



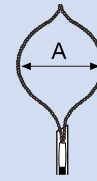
Model Number	Article Number	Qty. Per Box	Min. working channel Ø	Working Length	Opening diameter	Features	Area Compatibility
FG-44NR-1	4654630	1	2.8 mm	2050 mm	6.9 mm	Rotatable	

## SnareMaster

### Single-use oval electro-surgical snare



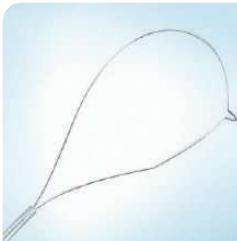
- Wide opening oval snare
- Thick braided wires for maximum coagulation and control
- Integral handle with measurement markings



Model number	Article number	Qty. Per box	Min. working channel $\varnothing$	Working length	Loop $\varnothing$ (A)	Wire $\varnothing$ thickness	Area compatibility
SD-210U-10	N6192990	10	2.8 mm	2300 mm	10 mm	0.47 mm	
SD-210U-15	N6193090	10	2.8 mm	2300 mm	15 mm	0.47 mm	
SD-210U-25	N6193190	10	2.8 mm	2300 mm	25 mm	0.47 mm	

## SnareMaster

### Single-use crescent electro-surgical snare



- Crescent shape ideal for EMRC
- Thin, pliant wire design
- Integral handle with measurement markings



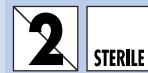
Model number	Article number	Qty. Per box	Min. Working channel $\varnothing$	Working length	Loop $\varnothing$ (A)	Wire $\varnothing$	Area compatibility
SD-221U-25	N4470590	10	2 mm	2300 mm	25 mm	0.3 mm	
SD-221L-25	N4470490	10	2 mm	1650 mm	25 mm	0.3 mm	

## SnareMaster Plus

### Polypectomy, EMR, and ESD, cold and hot snares



- Ideal for sessile polyps or flat lesions
- Wide-opening, oval snare with integrated spiral to aid mucosal grasp
- Braided wire for improved coagulation effect
- Integral handle with measurement markings



Model number	Article number	Qty. Per box	Min. Working channel $\varnothing$	Working length	Loop $\varnothing$ (A)	Wire $\varnothing$	Area compatibility
SD-400U-10	N5771390	10	2.8 mm	2300 mm	10 mm	0.3 mm	
SD-400U-15	N5771490	10	2.8 mm	2300 mm	15 mm	0.3 mm	

## SnareMaster

### Single-use oval hard electro-surgical spiral snare



- Ideal for sessile polyps or flat lesions
- Wide-opening, oval snare with integrated spiral rings to aid mucosal grasp
- Braided wire for improved coagulation effect



Model number	Article number	Qty. Per box	Min. Working channel $\varnothing$	Working length	Loop $\varnothing$ (A)	Wire $\varnothing$	Area compatibility
SD-230U-20	N1074590	10	2.8 mm	2300 mm	20 mm	0.48 mm	

# SnareMaster Plus

SnareMaster Plus, a hybrid hot and cold snare to meet a variety of clinical needs SnareMaster Plus is the latest addition to the SnareMaster family offering an Ideal solution for cold snare polypectomy  
The product is available in both 10 mm and 15 mm sizes.

## Key Benefits

### Newly designed hexagonal shape

The hexagonal shape allows for precise manipulation and control when capturing polyps, while maintaining an appropriate margin of normal tissue required for cold snare polypectomy.

### Durability

Ability to retain loop stability and shape after multiple cuts.

### Thin wire

0.3 mm thin wire with optimal stiffness facilitates clean, sharp cold cutting.

### Smooth operation

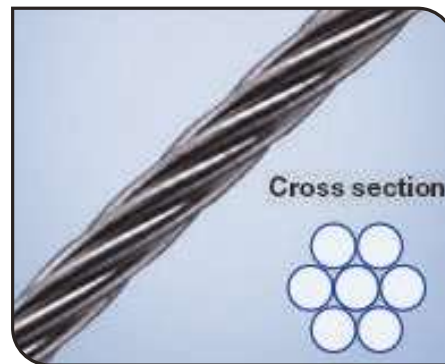
Coated wire facilitates smooth operation and enhanced cutting.

### Hybrid hot and cold cutting ability

Designed to perform optimally for both hot and cold snare polypectomy.

### Multiple sizes (10 mm & 15 mm)

Multiple sizes available to meet various clinical needs.



## Hemostasis

- **Clip**
- **Injection Needle**
- **Coagulation Device**
- **Endo Loop**

## EZ Clip

### Rotatable clip fixing device (applicator)



- Applicator is reusable & more cost effective
- Rotatable mechanism for easy targeting
- Easy to load individual clips
- Reliable mechanical hemostasis



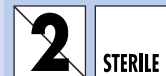
Model number	Article number	Qty. per box	Min. working channel $\varnothing$	Working length	Area compatibility
HX-110LR	N1085230	1	2.8 mm	1650 mm	
HX-110UR	N1085430	1	2.8 mm	2300 mm	

## EZ Clip

### Individual single-use-clips



- Sterilized disposable cartridge-housed clip
- Can be used immediately after the sterilized pack is opened
- HX-610-135 is suitable for hemostasis of both hard and soft tissues
- HX-610-090L have the widest opening width



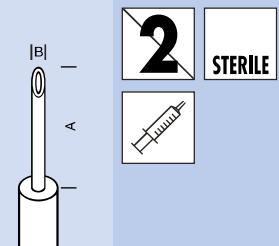
Model number	Article number	Qty. per box	Exterior jaws angle	Clip arm length	Features	Area compatibility
HX-610-135	N1085630	40	135°	~ 7,5 mm	For pathological mucosa, deep ulcerous lesions cancerous tissue"	
HX-610-090L	N1085930	40	90°	~ 7,5 mm	For healthy, elastic mucosa, Mallory-Weiss syndrome, open vessels, small perforations, marking	

## NeedleMaster

### Single use injection needle



- Extra Stiff Sheath to enhance penetration and prevent kinking
- Large range for wide variety of applications
- Ergonomic handle with positive "click" action
- Different needle bevels to suit both upper and lower GI applications



Model number	Article number	Qty. per box	Min. Working Channel $\varnothing$	Working length	Needle length (A)	Needle gauge (B)	Area compatibility
NM-600L-0423	N5405690	5	2.8 mm	1650 mm	4 mm	23G =0.6 mm	
NM-610U-0423	N5407390	5	2.8 mm	2300 mm	4 mm	23G =0.6 mm	

## Coagrasper

### Coagrasper



- Anti-slip construction to securely grasp bleeding points
- Simplified coagulation process during grasping
- Rotating function and tapered tip for precise approach
- Two types of forcep cup shapes & opening width



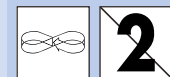
Model number	Article number	Qty. per box	Min. working channel $\varnothing$	Working length	Opening width	Features	Area compatibility
FD-410LR	N1086130	1	2.8 mm	1650 mm	5 mm	Rotatable	
FD-411UR	N3046330	1	2.8 mm	2300 mm	4 mm	Rotatable	

## PolyLoop

### Single use ligating device



- For polyp ligation prior to polypectomy
- Prevents post polypectomy bleeding
- Preloaded loop, ready to use with handle
- Nylon-loop ligation keeps tissue damage to a minimum
- Opening diameter of 30 mm enables ligation of large polyps



Model number	Article number	Qty. Per box	Compatible Channel	Working length	Loop opening width	Area compatibility
HX-400U-30	N1813290	5	2.8 mm	2300 mm	30 mm	

## Loop Ligating Device Poly Loop

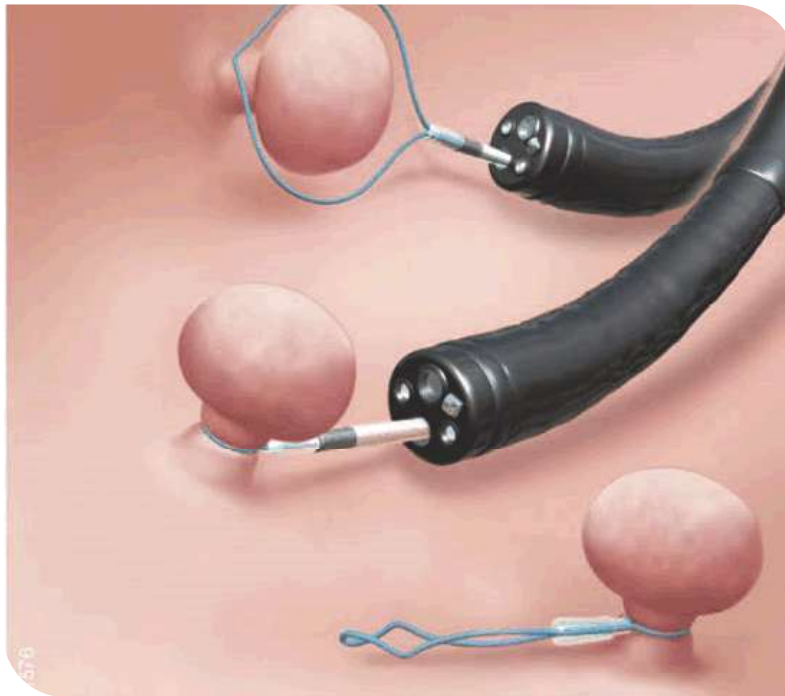
The single-use Olympus Poly Loop ligation device is preassembled and ready to use for safe, simple, and effective endoscopic ligation. The proprietary loop design snares and securely ligates small and large polyps, minimizing the risk of sudden bleeding during polypectomy. A loop cutter is required for use with the Poly Loop for emergency.

### Key Benefits

**Convenient preassembly:** The nylon loop is pre-mounted on the sheath.

**Unassisted operation:** Ligation is easily performed by just retracting the loop's handle at the scope's instrument channel port.

**Minimal tissue damage:** Hemostasis is achieved by simple ligation with the nylon loop, minimizing damage to tissue. The nylon loop remains in place for a period, eventually passing out of the GI tract naturally.



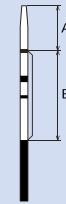
- **Sphincterotome**
- **Guidewire**
- **Stone Extraction Balloon**
- **Basket**
- **Mechanical Lithotripter**
- **Dilation Balloon with Knife**
- **Dilation Balloon**

## CleverCut 3V

### Single-use triple lumen sphincterotome



- Separate lumina for guidewire, cutting wire and injection of contrast medium
- Half insulated wire
- Stable cutting wire orientation (11 o'clock orientation)
- Excellent visibility under fluoroscopy
- Pre-curved design
- Friction handle maintains bow



<b>2</b>	STERILE
X-ray	0.035"

Model Number	Article Number	Qty. Per Box	Min. Working Channel Ø	Working length	Distal tip Ø	Distal tip length (A)	Cutting wire (B)	Compatible guidewire	Area compatibility
KD-V411M-0320	N1089430	1	2.8 mm	1700 mm	4.5 Fr.	3 mm	20 mm	0.035 inch	
KD-V411M-0720	N1089630	1	2.8 mm	1700 mm	4.5 Fr.	7 mm	20 mm	0.035 inch	

## NeedleCut 3V

### Single-use needle knife



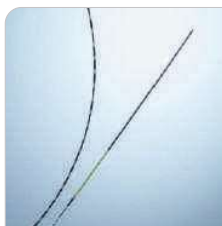
- Unique safety coating
- Separate lumina for guidewire, cutting wire, and injection of contrast medium
- Excellent visibility under fluoroscopy
- Pre-Curved and tapered tip

<b>2</b>	STERILE
X-ray	0.035"

Model Number	Article Number	Qty. Per Box	Min. Working Channel Ø	Working length	Distal tip Ø	Needle diameter	Needle length	Length of uncoated needle	Compatible guidewire	Area compatibility
KD-V451M	N3040930	1	2.8 mm	1700 mm	5 Fr.	0.2 mm	5 mm	3 mm	0.035 inch	

## VisiGlide

### Single-use hydrophilic guidewire

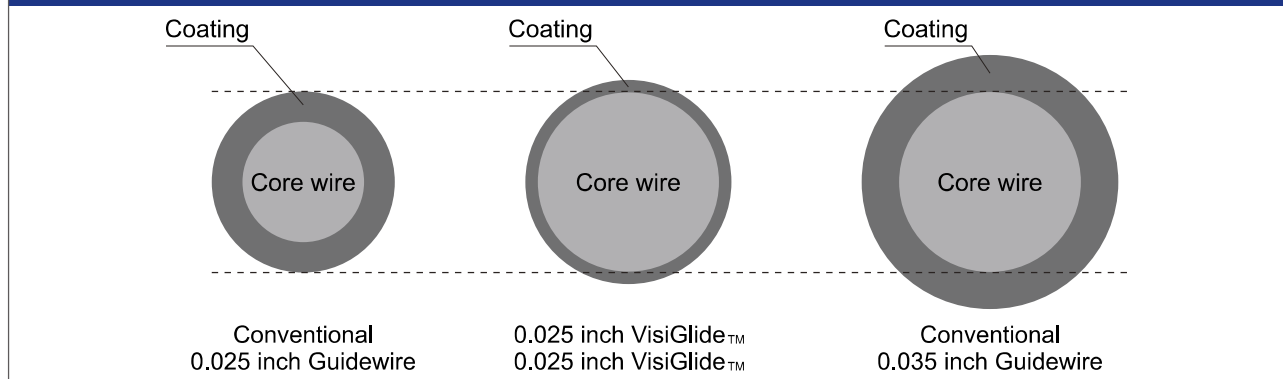


- Both the 0.025-inch and 0.035-inch versions of VisiGlide features a smooth hydrophilic tip.
- Exceptional endoscopic and fluoroscopic visibility
- One-to-one torque ability
- Excellent device exchange ability
- Innovative measurement functions

<b>2</b>	STERILE
X-ray	HF

Model Number	Article Number	Outer diameter	Working length	Shape of distal tip	Hydrophilic coating length	Area compatibility
G-240-2545S	N3622330	0.025 inch	4500 mm	Straight	70 mm	
G-240-3545S	N3622730	0.035 inch	4500 mm	Straight	70 mm	
G-240-2545A	N3622430	0.025 inch	4500 mm	Angled	70 mm	

State-of-the-art coating technology makes it possible to manufacture the visiglide with a wider core. This provides optimal shaft stiffness (comparable to a conventional 0.035 inch guidewire) while maintaining a smaller overall guidewire diameter.

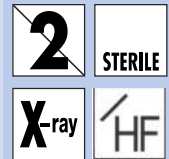


## VisiGlide 2™

### Single-use hydrophilic guidewire



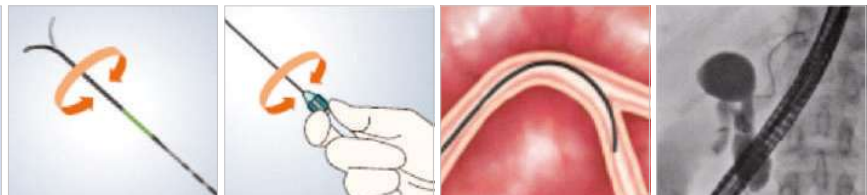
- Flexible distal tip provides better cannulation ability
- Shorter angular tip helps in difficult and Intrahepatic dual cannulation
- One-to-one torque ability
- 0.025 inch guidewire with same stiffness as 0.035 inch guidewire
- Exceptional endoscopic and fluoroscopic visibility



Model number	Article number	Outer diameter	Working length	Shape of distal tip	Hydrophilic coating length	Area compatibility
G-260-2545A	N5368130	0.025 Inch	4500 mm	Angle	70 mm	

### Excellent torquability

A special inner core achieves excellent torque control that comes into its own during delicate procedures such as navigating biliary strictures.



# Multi-3V Plus

## V-System single-use triple-lumen stone-extraction balloons



- Multiple sizing balloon
- Pre-calibrated syringes for reliable inflation
- Excellent visibility under fluoroscopy
- Excellent balloon durability
- 3-way fixation fixation of balloon
- Injection placement below balloon is available

<b>2</b>	STERILE
X-ray	
	0.035"

Model number	Article number	Qty. per box	Min. working channel Ø	Working length	Balloon diameter	Injection placement	Sheath design	Distal tip Ø	Area compatibility
B-V232P-A	N3524030	1	2.8 mm	1900 mm	8.5/11.5/15 mm	Above	Over the wire	5.5 Fr.	
B-V432P-A	N3524430	1	3.2 mm	1900 mm	15/18/20 mm	Above	Over the wire	5.5 Fr.	

# BrushMaster V

## V-system single-use cytology brush



- Unique distal wire-guided design for smoother approach of the target area
- Dual radiopaque markers for increased control
- Brush-locking function

	0.035"
	X-ray
<b>2</b>	STERILE

Article number	Model number	Qty. per box	Min. working channel Ø	Working length	Sheath design	Area compatibility
BC-V600P-3010	N3625830	1	3.2 mm	1900 mm	Distal, wire-guided	

# TetraCatch V

## V-System single-use four-wire stone-extraction baskets



- Conventional four-wire design to retrieve a wide range of stones
- Rotatable version enables stones to be captured easily
- Wire-guided version enables easier passage beyond the stone
- Integrated C-Hook and V-Marking

<b>2</b>	STERILE
X-ray	0.035"

Model number	Article number	Qty. per box	Min. Working channel Ø	Working length	Basket opening width	Compatible guidewire	Features	Area compatibility
FG-V432P	N3040330	1	3.7 mm	1900 mm	20 mm	0.035"	Wire guided	
FG-V422PR	N3040130	1	2.8 mm	1900 mm	20 mm	0.035"	Rotatable	

# LithoCrush V

## LithoCrush V single use mechanical lithotripter



- Unique double sheath to aid cannulation
- Quick and effective crushing with strong wire memory
- Wire-guided version enables easier passage beyond the stone intra-hepatic duct

<b>2</b>	STERILE
X-ray	
	0.035"

Model number	Article number	Qty. per box	Min. Working channel Ø	Working length	Basket opening width	Features	Basket wire type	Area compatibility
BML-V242QR-30	N2303030	1	4.2 mm	1950 mm	30 mm	Rotatable	Hard	

# LithoCrush V

## MAJ – 441 Reusable handle for LithoCrush V



- Basket rotation mechanism
- Easy attachment to sheath
- Ratchet prevents loss of traction on the stone



Model Number	Article Number	Qty. per Box	To use with all the below models	Area compatibility
MAJ-441	N2303330	1	BML-V242QR-30	

# FlowerBasketV

## V-System Single-use Eight Wire Stone Extraction basket



- Sophisticated, Eight wire design for small stones and sludge
- Exceptional grasping capability ensures stone retrieval
- Bullet-shaped distal tip facilitates insertion into the bile duct
- Rotation mechanism allows stones to be captured easily

<b>2</b>	STERILE
X-ray	

Model number	Article number	Qty. per box	Min. Working channel Ø	Working length	Basket opening width	Compatible Guidewire	Features	Area compatibility
FG-V421PR	N3040030	1	2.8 mm	1900 mm	20 mm	0.035"	Wire guided	

# StoneMaster V

## Single-use sphincteroplasty balloon with knife



- Dedicated device for sphincteroplasty procedure
- Unique 2 in 1 design (Papillotomy knife + dilation balloon) which minimizes procedure time
- Short and soft balloon provides safer dilation of papilla and minimizes potential risk of pancreatitis

<b>2</b>	STERILE
X-ray	

Model number	Article number	Cutting wire length	Distal tip length	Distal tip size (fr)	Working length	Balloon diameter (mm)	Balloon diameter (Fr)	Dilation pressure atm	Balloon length	Area compatibility
BD-VC431Q-1840-20	N5400030	20 mm	7 mm	4.4	1950 mm	12-15-18	36-45-54	0.5-2.0-3.5	40 mm	

# EZDilate

Dilation Balloons

## Single-use wire-guided three-stage esophageal, pyloric, colonic, and papillary balloon dilators










- Wire- guided esophageal, pyloric, colonic, and biliary balloon dilator
- Multi-sized dilation function
- Rounded balloon edges, transparent material
- Centre balloon visual marker
- Radiopaque markers (proximal and distal ends)
- 0.035" guidewire preloaded
- Working length: 2400 mm

	0.035"
	X-ray
STERILE	<b>2</b>

Model number	Article number	Qty. per box	Min. working channel Ø	Balloon length (B)	Inflation pressure	Inflated outer	Guidewire	Area compatibility
BD-410X-0855	BD-410X-0855	1	2.8 mm	65 mm	2.0-5.5-9.5 bar	6.0 - 7.0 - 8.0 mm	0.035 inch	
BD-410X-1055	BD-410X-1055	1	2.8 mm	65 mm	2.0-5.5-9.5 bar	8.5 - 9.5 - 10.5 mm	0.035 inch	
BD-410X-1355	BD-410X-1355	1	2.8 mm	55 mm	2.0-3.5-5.6 bar	11.0-12.0-13.0mm	0.035 inch	
BD-410X-1555	BD-410X-1555	1	2.8 mm	55 mm	2.5-4.1-6.1 bar	13.5-14.5-15.5 mm	0.035 inch	
BD-410X-1855	BD-410X-1855	1	2.8 mm	55 mm	2.5-4.1-5.6 bar	16.0-17.0-18.0 mm	0.035 inch	

Olympus complete colution provider for ERCP stone management

Device	Product Name	Picture	Notes
Guidewire	VisiGlide (G-240-2545S) VisiGlide 2 (G-260-2545A)		0.025 inch guidewire with 0.035 inch stiffness Hydrophilic coating at distal end VisiGlide 2 : Angle and flexible distal wire
Papillotomy Knife	CleverCut 3V (KD-V411M-0720, KD-V411M-0320)		11 o'clock knife direction Half wire is insulated
Balloon	Multi-3 V Plus (B-V432P-A) (B-V232P-A)		Unique 3 step fixation of balloon and sheath for strong durability Hexagonal shape balloon
Lithotripter	LithoCrush (BML-V242QR-30: Bullet Tip)		Extra strong basket available for enhanced crushing power Both bullet tip and wire guided type are available
Sphincteroplasty	StoneMaster V (BD-VC431Q-1840-20)		Unique combo device of papillotomy knife + dilation balloon Soft and short for safety EPLBD procedure
Dilation Balloon	EZ Dilate (BD-410X-1555)		Wire-guided oesophageal, pyloric, colonic, and biliary balloon dilator Multi-sized dilation function Rounded balloon edges, transparent material Radiopaque markers (proximal and distal ends)
Basket	TetraCatch V & FloweBasket V (FG-V432P & FG-V422, FG-V421PR)		4 and 8-wire design with rotatable mechanism Siliconized basket wires helps to open and close the baskets smoothly. Integrated C-Hook and V-Marking

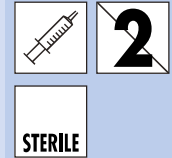
- **EUS-FNA Needle**
- **Interventional EUS**

## EZShot 3 Plus

### Single-use Aspiration Needles for EUS-Guided FNA and FNB



- Intended for use in EUS-FNA and EUS-FNB
- Menghini-type needle tip design supports tissue core collection and smooth puncture even at oblique angles
- Metal, multilayered coil sheath facilitates insertion with high flexibility
- Kink-resistant nitinol needle tip (19G and 22G) keeps needle straight for multiple passes<sup>1</sup>
- Ergonomic handle design
- Re-engineered dimple design to provide a distinct hyperechoic appearance on the ultrasound view
- Sterile, preassembled, ready to use
- 20 ml syringe with stopcock included



Model number	Article number	Qty. per box	Min. working channel $\varnothing$	Working length	Stylet tip shape	Slide port	Area compatibility
NA-U200H-8019	N6007830	1	● 2.8 mm	1400 mm	Rounded	No	EUS
NA-U200H-8022	N6008030	1	● 2.8 mm	1400 mm	Rounded	No	EUS
NA-U200H-8022S	N6008130	1	● 2.8 mm	1400 mm	Rounded	Yes	EUS
NA-U200H-8025	N5783930	1	● 2.8 mm	1400 mm	Rounded	No	EUS

## Helps targeting accuracy for hard-to-reach lesions

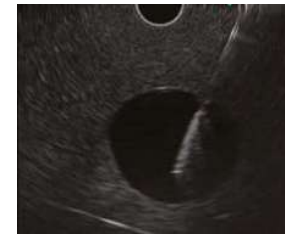
### Resilient needle shape

Nitinol retains its shape without any deformation even after multiple passes. This helps ensure that the needle follows a predictable and consistent trajectory.



### Echogenic needle tip enhanced for ultrasound visibility

An echogenic dimple finish helps enhance ultrasound visibility for precise targeting.



### Improved handle maneuverability

The handle features smooth action with anti-slip rubber grips, locking knobs, and large chamfered windows to support needle operation.

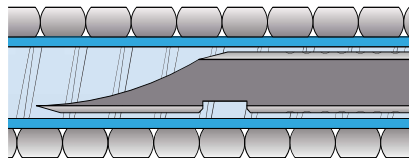
### Access from wider angles

Deep tissue might be punctured regardless of scope angle.



### Coil sheath with multi-layered construction

Facilitates excellent force transmission from the handle to the needle tip. Adjustable sheath function helps physicians approach the targeted site smoothly.

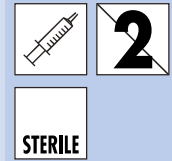


## EZShot 3 Plus

### Single-use needles for EUS-guided sampling



- Metal coil sheath facilitates insertion
- Kink-resistant nitinol needle tip keeps needle straight for multiple passes
- Menghini-type needle cut supports smooth puncture even at an oblique angle
- Ergonomic handle design
- Re-engineered dimple design for outstanding visibility
- Sterile, pre- assembled, ready to use
- 20 ml syringe with stopcock included



Model number	Article number	Qty. per box	Min. working channel	Working length	Stylet tip shape	Slide port	Area compatibility
NA-U200H-8019	N6007830	1	● 2.8 mm	1400 mm	Rounded	No	EUS

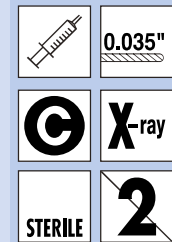
## EZDilate

Dilation Balloons

### Single-use wire-guided three-stage esophageal, pyloric, colonic, and papillary balloon dilators



- Wire- guided oesophageal, pyloric, colonic, and biliary balloon dilator
- Multi-sized dilation function
- Rounded balloon edges, transparent material
- Centre balloon visual marker
- Radiopaque markers (proximal and distal ends)
- 0.035" guidewire preloaded
- Working length: 2400 mm



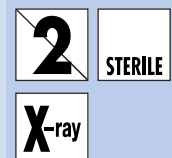
Model number	Article number	Qty. per box	Min. working channel Ø	Balloon length (B)	Inflation pressure	Inflated outer	Guidewire	Area compatibility
BD-410X-0855	BD-410X-0855	1	● 2.8 mm	65 mm	2.0-5.5-9.5 bar	6.0 - 7.0 - 8.0 mm	0.035 inch	
BD-410X-1055	BD-410X-1055	1	● 2.8 mm	65 mm	2.0-5.5-9.5 bar	8.5 - 9.5 - 10.5 mm	0.035 inch	
BD-410X-1355	BD-410X-1355	1	● 2.8 mm	55 mm	2.0-3.5-5.6 bar	11.0-12.0-13.0mm	0.035 inch	
BD-410X-1555	BD-410X-1555	1	● 2.8 mm	55 mm	2.5-4.1-6.1 bar	13.5-14.5-15.5 mm	0.035 inch	
BD-410X-1855	BD-410X-1855	1	● 2.8 mm	55 mm	2.5-4.1-5.6 bar	16.0-17.0-18.0 mm	0.035 inch	

## VisiGlide 2<sup>TM</sup>

### Single-use hydrophilic guidewire



- Flexible distal tip and shorter angle tip will help less traumatic insertion into pseudocyst  
0.025 inch diameter but same stiffness as 0.035 inch guidewire.
- There is no need to exchange guidewire for device exchange purpose



Model number	Article number	Outer diameter	Working length	Shape of distal tip	Hydrophilic coating length	Area compatibility
G-260-2545A	N3622430	0.025 inch	4500 mm	Angle	70 mm	

## Advanced Procedure

- EMR
- ESD
- POEM
- ARMA
- POEM-F
- STER

## EMR Procedure Flow



Injection



Prelooping



Suction and snaring



Resection

## SnareMaster

### Single use crescent electro-surgical snares



- Crescent shape ideal for EMRC
- Thin, pliant wire design
- Integral handle with measurement markings



Model number	Article number	Qty. per box	Min. working channel $\emptyset$	Working length	Loop $\emptyset$ (A)	Wire thickness	Area compatibility
SD-221U-25	N4470590	10	2.0 mm	2300 mm	25 mm	0.3 mm	

## Distal attachment

### EMR Cap



- Wide oblique shape with rim
- Hard type
- Reusable



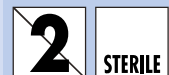
Model number	Article number	Qty. per box	Length from endoscope	Outer diameter	Specification	Area compatibility
MAJ-296	5212230	5	5 mm	16.1 mm	Wide oblique shape with rim, hard type, reusable	

## Coagrasper

### Single-use electro-surgical haemostatic forceps

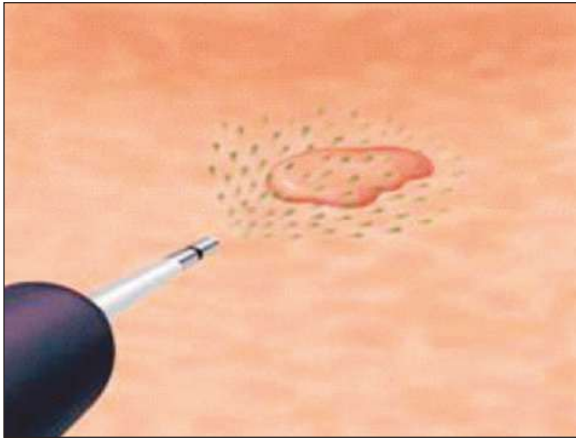


- To support endoscopic submucosal dissection with fast and reliable haemostasis
- Anti-slip construction to securely grasp bleeding points
- Simplified coagulation process during grasping
- Rotating function
- FD-410LR: Tapered tip for precise approach
- FD-411UR: Smaller distal cup to suit the colon's thin wall



Model number	Article number	Qty. per box	Min. working channel $\emptyset$	Working length	Opening width	Specification	Area compatibility
FD-410LR	N1086130	1	2.8 mm	1650 mm	5 mm	Rotatable, for gastroscopes only	
FD-411UR	N3046330	1	3.2 mm	2300 mm	4 mm	Rotatable, for L-length colonoscope only	

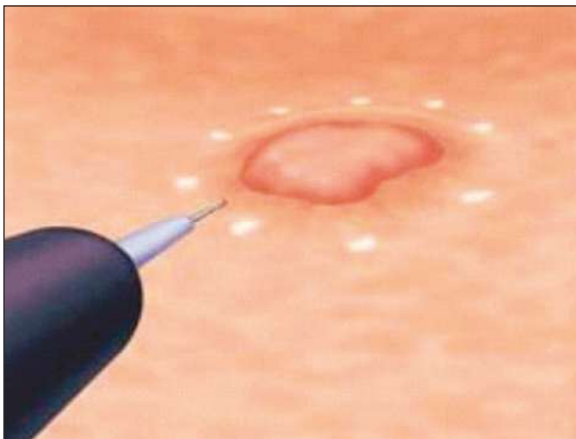
## ESD Procedure Flow



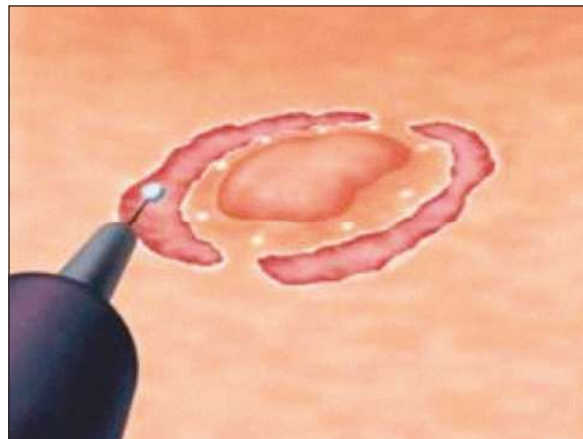
1. Staining



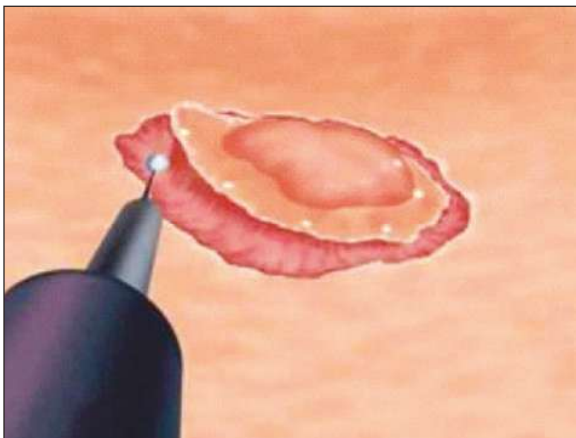
2. Marking



3. Injection



4. Incision



5. Dissection



6. Collection

## IT knife 2

### Single-Use Electrosurgical Insulated-Tip Knife



- Triangle-shaped electrode for easier lateral incision and submucosal dissection
- Insulated tip enables incision and dissection of large lesions in the stomach
- Coil sheath with optimized rigidity to maintain maximum maneuverability
- To ensure a clear field of view, a distal attachment (D-201 series) may be used



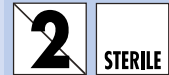
Model number	Article number	Qty. per box	Min. working channel $\emptyset$	Knife length (mm)	Knife diameter (mm)	Specification	Area compatibility
KD-611L	N2613830	1	2.8 mm	4	0.4	Insulated-tip outer diameter 2.2 mm	

## IT knife Nano

### Single-use electrosurgical insulated-tip knives



- Supports safer procedures in the oesophagus and colon
- Specially designed, smaller insulated tip to improve maneuverability
- Disk-shaped electrode enables smooth spark development
- Coil sheath with optimized rigidity to maintain maximum maneuverability
- To ensure a clear field of view, a distal attachment (D-201 series) may be used



Model number	Article number	Qty. per box	Min. working channel $\emptyset$	Knife length (mm)	Knife diameter (mm)	Specification	Area compatibility
KD-612U	N4469190	1	2.8 mm	3.5	0.4	Insulated tip Diameter: 1.7 mm	

## Dual knife J

### Single-use electrosurgical knife with knob-shaped tip



- Adjustable knife length will help doctors to perform marking, incision dissection and hemostasis
- The addition of water jet function lets you perform saline injection after cutting without replacing the devices
- 2.0 mm slim sheath helps maintain suction capability in the scope channel while its rigidity supports smooth incision and tissue dissection
- Two – step knife length adjustment will reduce perforation risk



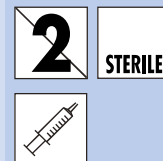
Model number	Article number	Qty. per box	Min. working channel $\emptyset$	Knife length (mm)	Knife diameter (mm)	Specification	Area compatibility
KD-655L	N5405090	1	2.8 mm	2.0	0.1	With water jet function	
KD-655U	N5405290	1	2.8 mm	1.5	0.1	With water jet function	

## HookKnife J

Single-use electro-surgical knives with knob-shaped tip and integrated jet function



- Unique design for maximum performance
- Handle with rotatable injection port allows injection into the submucosal space
- L-shaped, rotatable hook allows orientation of the tip parallel to the muscle layer of the GI wall; ensures optimal safety of the procedure even in complicated clinical situations, especially when fibrotic scar tissue is present in the operation field
- For a clear field of view, a distal attachment (D-201 series) may be used



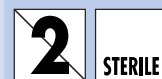
Model number	Article number	Qty. per box	Min. working channel $\varnothing$	Knife length (mm)	Knife diameter (mm)	Specification	Area compatibility
KD-625LR	N5408590	1	2.8 mm	4.5	0.4	Water jet, Rotatable	
KD-625UR	N5408790	1	2.8 mm	4.5	0.4	Water Jet, Rotatable	

## Coagrasper

Single-use electro-surgical haemostatic forceps



- To support endoscopic submucosal dissection with fast and reliable haemostasis
- Anti-slip construction to securely grasp bleeding points
- Simplified coagulation process during grasping
- Rotating function
- FD-410LR: Tapered tip for precise approach
- FD-411UR: Smaller distal cup to suit the colon's thin wall



Model number	Article number	Qty. per box	Min. working channel $\varnothing$	Working length	Working width	Specification	Area compatibility
FD-410LR	N1086130	1	2.8 mm	1650 mm	5 mm	Rotatable, for gastroscopes only	
FD-411UR	N3046330	1	3.2 mm	2300 mm	4 mm	Rotatable, for L-length colonoscope only	

## Distal attachment

Single-use soft, straight distal attachments



- Soft design for improved endoscope insertability
- To support endoscopic submucosal dissection
- Side hole for draining fluid



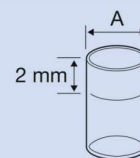
Model number	Article number	Qty. per box	Length from endoscope	Outer diameter	Specification	Area compatibility
D-201-10704	N3528990	10	4 mm	11.4 mm	Straight shape with side hole	
D-201-11802	N6193690	10	2 mm	12.10 mm	Soft. Straight for Zoom Endoscopy	
D-201-11804	N3529190	10	4 mm	12.4 mm	Straight shape with side hole	
D-201-12704	N3529290	10	4 mm	13.4 mm	Straight shape with side hole	
D-201-14304	N3529490	10	4 mm	15 mm	Straight shape with side hole	

## Distal Attachment

### Reusable distal hoods



- Soft, reusable distal hoods with 2 mm length from distal end of endoscope
- Black colour to reduce light reflection
- Main field of use: Zoom endoscopes



Model number	Article number	Qty. per box	Length from endoscope	Outer Diameter (A)	Specification	Area compatibility
MAJ-1989	N3830531	5	2 mm	11.45 mm	Black hood compatible with GIF-EZ1500, GIF-XZ1200, GIF-1TH190; GIF-HQ190	

## SutuArt

### Single-use Needle Holder



- Designed to grasp and hold a suture needle or a suture in mucosal defect closure procedure within the stomach, colon and rectum
- Special locking mechanism provides firm hold of the needle
- Coil sheath facilitates 1:1 force transmission from the handle to the forceps
- Exclusive design of the grasping forceps surface allows secure grasping of the needle
- Ratchet function incorporated in the handle helps secure the locking mechanism, providing the firm grip of the needle



Model number	Article number	Qty. per box	Min. Working Channel $\Phi$	Working length	Opening width	Opening width	Endoscopic Compatibility	Area compatibility
FG-260L	N6153750	1	3.2 mm	1650 mm	2.5 mm	Needle: 1/2 circle; needle tip: Taper point; needle length 17 – 26 mm; suture shape: barbed; suture size: 2-0, 3-0 (USP standard); suture material: absorbable, monofilament	GIF-1TH190, GIF-2TH180, GIF-H290T	
FG-260U	N6153950	1	3.2 mm	2300 mm	2.5 mm	Needle: 1/2 circle; needle tip: Taper point; needle length 17 – 26 mm; suture shape: barbed; suture size: 2-0, 3-0 (USP standard); suture material: absorbable, monofilament	GIF-1TH190, GIF-2TH180, GIF-H290T, PCF-H190L/I, PCF-H190DL/I, PCF-HQ190L/I, PCF-H190TL/I	

# ESD (Endoscopic Submucosal Dissection)

## Olympus complete solution provider for ESD

Legion	Image	Esophageal	Gastric	Colon	Rectum
IT knife 2		-	KD-611L	-	-
IT knife nano			-	KD-612U	KD-612U
IT knife J		KD-655U	KD-655L	KD-655U	KD-655U
HookKnife J		KD-625LR	KD-625LR	KD-625UR	KD-625UR
Coagrasper		FD-410LR	FD-410LR	FD-411UR	FD-411UR
Injection Needle		NM-600L-0423	NM-600L-0423	NM-610U-0423	NM-610U-0423
Distal Cap		D-201-11804	D-201-11804	D-201-14304	D-201-14304 D-201-12704
Endoscope		GIF-HQ190 & GIF-1TH190	GIF-HQ190 & GIF-1TH190	CF-HQ190 & PCF-H190	GIF-HQ190 & GIF-1TH190
Processor		CV/CLV-190	CV/CLV-190	CV/CLV-190	CV/CLV-190
Cautery		ESG-300	ESG-300	ESG-300	ESG-300
Water Pump		OFP-2	OFP-2	OFP-2	OFP-2
CO2 Insufflator		UCR	UCR	UCR	UCR
Flow tube for Flushing pump		MAJ-1681	MAJ-1681	MAJ-1681	MAJ-1681
Flow tube for UCR		MAJ-1741	MAJ-1741	MAJ-1741	MAJ-1741

## Single-use electrosurgical triangle-tip knife with integrated jet function

## TriangleTip Knife J



- Adding injection without exchanging the ET devices during POEM procedure to minimize procedure time
- Smaller tip makes cut precisely and reduce tissue thermal damages
- Small triangle tip enables hooking tissue more easily



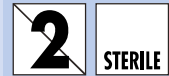
Model number	Article number	Qty. per box	Min. working channel $\varnothing$	Knife length (mm)	Knife diameter (mm)	Specification	Area Compatibility
KD-645L	N5412590	1	2.8 mm	4.5	0.4	Triangle tip length: 0.4 mm Triangle tip thickness: 0,3 mm	

## Single-use electrosurgical haemostatic forceps

## Coagrasper



- To support endoscopic submucosal dissection with fast and reliable haemostasis
- Anti-slip construction to securely grasp bleeding points
- Simplified coagulation process during grasping
- Rotating function
- FD-410LR: Tapered tip for precise approach
- FD-411UR: Smaller distal cup to suit the colon's thin wall



Model number	Article number	Qty. per box	Min. working channel $\varnothing$	Working length	Opening width	Features	Area compatibility
FD-410LR	N1086130	1	2.8 mm	1650 mm	5 mm	Rotatable, for gastroscopes only	
FD-411UR	N3046330	1	3.2 mm	2300 mm	4 mm	Rotatable, for L-length colonoscope only	

## Distal Attachment

## Distal Attachment



- Maintaining the appropriate distance between endoscope tip and target lesion
- Side hold on the sleeve ensures that any fluid inside can be drained any time



Model number	Article number	Qty. per box	Length from endoscope	Outer diameter	Specification	Area compatibility
D-201-10704	N3528990	10	4 mm	11.35 mm	Straight, soft	
D-201-11804	N3529190	10	4 mm	12.4 mm	Straight shape with side hole	

## EZ Clip

### Rotatable clip fixing device (applicator)



- Applicator is reusable & more cost effective
- Rotatable mechanism for easy targeting
- Easy to load individual clips
- Reliable mechanical hemostasis



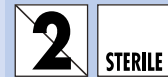
Model number	Article number	Qty. per box	Min. working channel $\varnothing$	Working length	Area compatibility
HX-110LR	N1085230	1	2.8 mm	1650 mm	
HX-110UR	N1085430	1	2.8 mm	2300 mm	

## EZ Clip

### Individual single-use-clips



- Sterilized disposable cartridge-housed clip
- Can be used immediately after the sterilized pack is opened
- HX-610-135 is suitable for hemostasis of both hard and soft tissues
- HX-610-090L have the widest opening width
- Maximum opening width is 11 mm (HX-610-090L)



Model number	Article number	Qty. per box	Exterior jaws angle	Clip arm length	Area compatibility
HX-610-135	N1085630	40	135°	Standard	
HX-610-090L	N1085930	40	90°	Long	

### Flushing pump ancillaries for OFP-2



- Tubing to connect Olympus OFP-2 flushing pump with Olympus ESD knives with jet function
- Sterile, pre-assembled and ready to use
- One-way check valve pre-attached to prevent backflow
- Two different versions: with bottle cap or spike

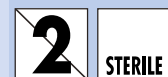


Model number	Article number	Qty. Per box	Description	Note
MAJ-1681	K10026641	10	Accessory port tube with bottle cap, length: 248 cm	Sterile, single-use, to be used with OFP-2

### Ancillaries for UCR















- Sterile, single-use, to be used with UCR
- Extra low-flow gas tube



Model number	Article number	Qty. per box	Description	Note
MAJ-1816	N3493360	1	Extra low-flow gas tube	Sterile, single-use, to be used with UCR

# POEM (Per-Oral Endoscopic Myotomy)

## Olympus complete solution provider for ESD

Device	Image	Product	Notes
Processor		CV/CLV-190	High quality image is always helpful to distinguish layers
Endoscope		GIF-HQ190	High quality image is always helpful to distinguish layers
Water Pump		OFP-2	To find out bleeding point
CO <sub>2</sub> Insufflator		UCR	To reduce patient pain
TT knifeJ		KD-645L	Triangle tip is suitable for myotomy Water jet function will help additional injection while making tunnel
Distal Cap		D-201-11804	To support mucosal entering
Injection Needle		NM-600L-0423	To inject for first incision
Coagulation Device		Coagrasper FD-410LR	To coagulate blood vessel upper one is for bigger vessel
Clip		EZ Clip HX-110 610-135/090L	Standard or long arm clip are recommended
Cautery		ESG-300	Spray coagulation mode is used
Flow tube for Flushing Pump		MAJ-1681	Accessory port tube used for additional injection
Flow Tube for UCR		MAJ-1816	To maintain CO <sub>2</sub> flow

## ARMA Procedure

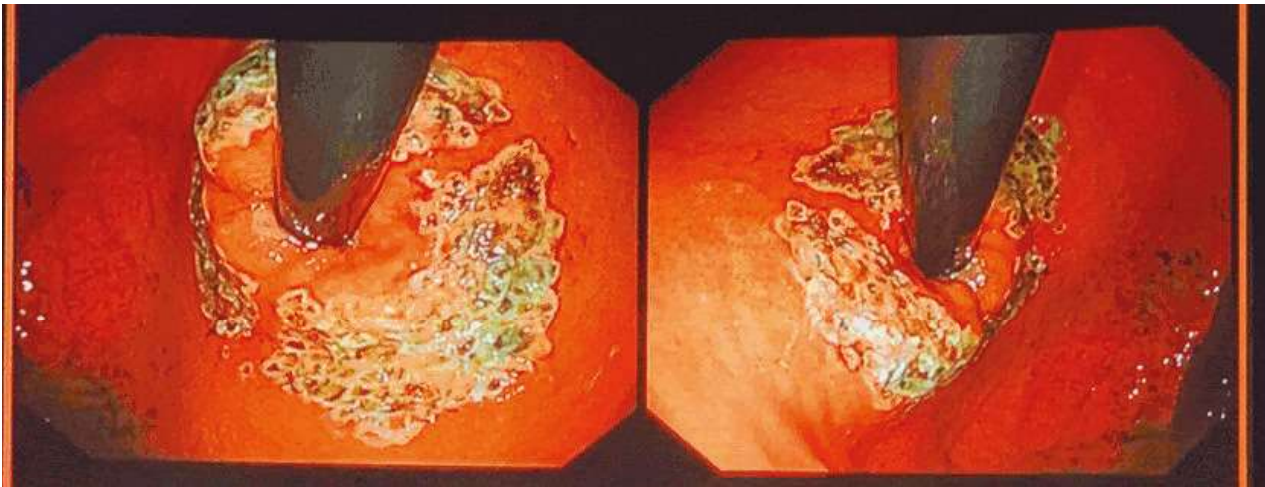
ARMA is an emerging endoscopic surgery with no incision on the skin and same outcome with surgical procedure for GERD disease.

The purpose of ARMA is to narrow the space of hiatus hernia by performing ablation to the mucosa at the gastric cardia.

**Step 1:** Marking of scheduled ablation area on the mucosa.

Mucosal ablation is scheduled along the gastric cardia in butterfly shape to avoid stenosis. Markings on the mucosa were placed using triangle tip knife connected to the electrocautery generator in soft coagulation mode, 50 W, effect 1.

**Step 2:** Mucosal ablation is made using original triangle tip knife (KD-640L) in spray coagulation mode, 50W, effect 2.



## Single-use electrosurgical triangle-tip knife

## Triangle Tip<sup>™</sup> Electrosurgical Knife



- Triangle-tipped knife for marking, incision and dissection
- Conductive triangle tip for cutting the mucosa
- No need to rotate the knife; cutting can be performed in any direction
- Tip design suitable for controlling moderate bleeding
- To ensure a clear field of view, a distal attachment (D-201 series) may be used



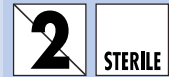
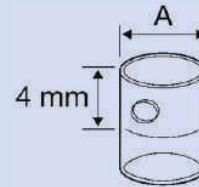
Model number	Article number	Qty. per box	Min. working channel $\varnothing$	Working length	Knife length	Features	Area compatibility
KD-640L	N2119690	1	2.8 mm	1650 mm	4.5 mm	Triangle-tip plate length: 0.4 mm	

## Single-use, soft, straight distal attachment for ARMA

## Distal attachment



- Soft design for improved endoscope insertability
- Side hole for draining fluid
- Length from distal end of endoscope: 4 mm



Model number	Article number	Qty. per box	Outer $\varnothing$ (A)	Area compatibility
D-201-11804	N3529190	10	12.4 mm	

# ARMA (Anti-Reflux Mucosal Ablation)

## Olympus complete solution provider for ARMA

Device	Image	Product	Notes
Processor		CV/CLV-190	High quality image is always helpful to distinguish layers
Endoscope		GIF-HQ190	High quality image is always helpful to distinguish layers
Water Pump		OFP-2	To find out bleeding point & clean the tissue
CO <sub>2</sub> Insufflator		UCR	To reduce patient discomfort
TT Knife		KD-640	Bigger triangle tip knife is suitable for ablation
Distal Cap		D-201-11804	To maintain suitable distance from the scope
Flow Tube for CO <sub>2</sub> Insufflator		MAJ-1741	To maintain CO <sub>2</sub> flow
Cautery		ESG-300	Provide energy for ablation

## POEM+F

Peroral endoscopic myotomy (POEM) has become the minimally invasive endoscopic treatment for achalasia.

However, gastroesophageal reflux (GER) post-POEM has been reported.

To overcome this an endoscopic fundoplication is added to the standard POEM which is called (POEM+F) Procedure.

Patient can feel outcome after 3 weeks and they can stop having PPI. Endoscopy check up should be done 1 month after ARMA procedure.

### Methods:

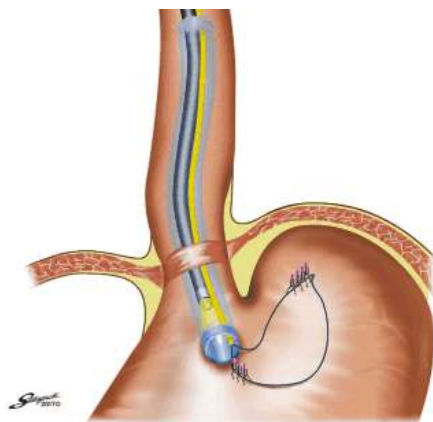
- After completing myotomy, the endoscope was advanced from the submucosal tunnel into the peritoneal cavity.
- A partial mechanical barrier is created by retracting the anterior gastric wall at the esophagogastric junction with the use of endoclips and an endoloop.

### Results:

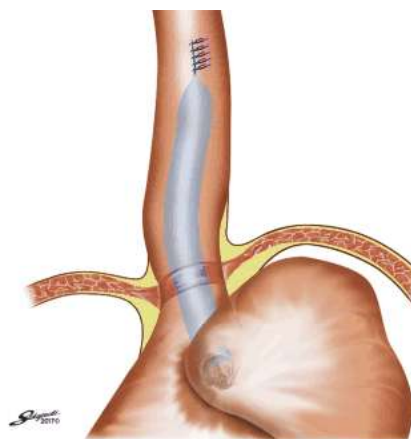
- POEM+F is technically feasible in all cases and creates a visually recognizable fundoplication.

### Conclusion:

- POEM+F may help mitigate the post-POEM incidence of GER and serve as a minimally invasive endoscopic alternative to a laparoscopic Heller-Dor procedure.
- This is the largest case series of peroral natural orifice transluminal endoscopic surgery without laparoscopic assistance in the human foregut.



Submucosal endoscopy advances to peritoneal cavity. Anterior gastric wall is captured and fixed with endoloop and clips to distal end of gastric myotomy.



Anterior partial fundoplication is completed with closure of endoloop.

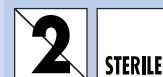
Source : PER-ORAL ENDOSCOPIC MYOTOMY FOLLOWED BY ENDOSCOPIC FUNDOPLICATION: A NOVEL PROCEDURE "POEM+F" Haruhiro Inoue\*, Akiko Ueno, Ashish Sharma, Yuto Shimamura, Haruo Ikeda, Kazuya Sumi, Kenichi Goda, Manabu Onimaru, Mayo Tanabe, Hiroaki Ito, Noriko Yamaguchi Digestive Disease Center, Showa University Koto-Toyosu Hospital, Tokkyo, Japan.

## Single-use electrosurgical triangle-tip knife with integrated jet function

# TriangleTipKnife J



- Adding injection without exchanging the ET devices during POEM procedure to minimize procedure time
- Smaller tip makes cut precisely and reduce tissue thermal damages
- Small triangle tip enables hooking tissue more easily



Model number	Article number	Qty. per box	Min. working channel $\varnothing$	Knife length(mm)	Knife diameter length	Specification	Area compatibility
KD-645L	N5412590	1	2.8 mm	4.5	0.4	Triangle tip length: 0.4 mm Triangle tip thickness: 0.3 mm	

## Flushing pump ancillaries for OFP-2



- Tubing to connect Olympus OFP-2 flushing pump with Olympus ESD knives with jet function
- Sterile, pre-assembled and ready to use
- One-way check valve pre-attached to prevent backflow
- Two different versions: with bottle cap or spike



Model number	Article number	Qty. per box	Description	Note
MAJ-1681	K10026641	10	Accessory port tube with bottle cap, length: 248 cm	Sterile, single-use, to be used with OFP-2

## Ancillaries for UCR



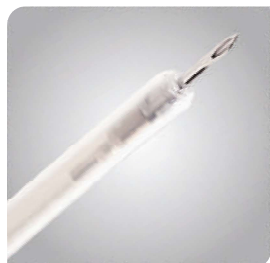
- Sterile, single-use, to be used with UCR
- Extra low-flow gas tube



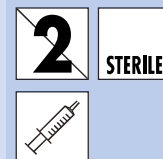
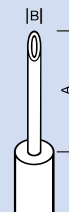
Model number	Article number	Qty. per box	Description	Note
MAJ-1816	N3493360	1	Extra low-flow gas tube	Sterile, single-use, to be used with UCR

## NeedleMaster

### Single use injection needle



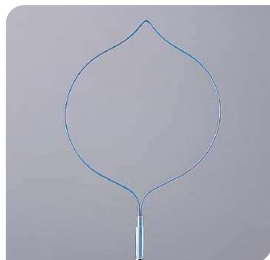
- Extra stiff sheath to enhance penetration and prevent kinking
- Large range for wide variety of applications
- Ergonomic handle with positive “click” action
- Different needle bevels to suit both upper and lower GI applications



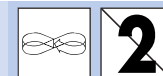
Model number	Article number	Qty. per box	Min. working channel $\varnothing$	Working length	Needle length (A)	Needle Gauge (B)	Area compatibility
NM-600L-0423	N5405690	5	2.8 mm	1650 mm	4 mm	23G=0.6 mm	

## PolyLoop

### Single use ligating device



- For polyp ligation prior to polypectomy
- Prevents post polypectomy bleeding
- Preloaded loop, ready to use with handle
- Nylon-loop ligation keeps tissue damage to a minimum
- Opening diameter of 30 mm enables ligation of large polyps



Model number	Article number	Qty. Per box	Compatible Channel	Working length	Loop opening width	Area compatibility
HX-400U-30	N1813290	5	2.8 mm	2300 mm	30 mm	

## Distal attachment

### Single-use soft, straight distal attachments



- Soft design for improved endoscope insertability
- To support endoscopic submucosal dissection and target lesion
- Side hole for draining fluid



Model number	Article number	Qty. per box	Length from endoscope	Outer diameter	Specification	Area compatibility
D-201-11804	N3529190	10	4 mm	12.4	Straight shape with side hole	

## EZ Clip

### Rotatable clip fixing device (applicator)



- Applicator is reusable & more cost effective
- Rotatable mechanism for easy targeting
- Easy to load individual clips
- Reliable mechanical hemostasis



Model number	Article number	Qty. per box	Min. working channel $\varnothing$	Working length	Area compatibility
HX-110LR	N1085230	1	2.8 mm	1650 mm	
HX-110UR	N1085430	1	2.8 mm	2300 mm	

## Coagrasper

### Single-use electrosurgical haemostatic forceps
















- To support endoscopic submucosal dissection with fast and reliable haemostasis
- Anti-slip construction to securely grasp bleeding points
- Simplified coagulation process during grasping
- Rotating function
- FD-410LR: Tapered tip for precise approach
- FD-411UR: Smaller distal cup to suit the colon's thin wall



Model number	Article number	Qty. per box	Min. working channel $\varnothing$	Working length	Opening width	Features	Area compatibility
FD-410LR	N1086130	1	2.8 mm	1650 mm	5 mm	Rotatable, for gastroscopes only	

# POEM-F (Per-Oral Endoscopic Myotomy + Fundoplication)

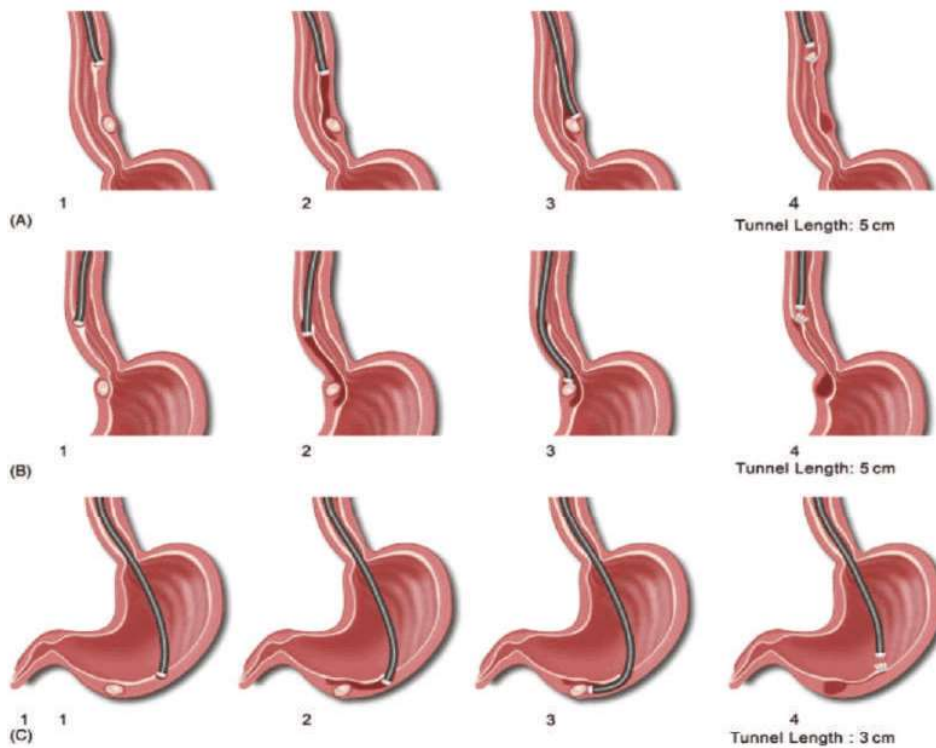
## Olympus complete solution provider for POEM+F

Device	Image	Product	Notes
Processor		CV/CLV-190	High quality image is always helpful to distinguish layers
Endoscope		GIF-HQ190 GIF-XP190N	High quality image is always helpful to distinguish layers
Water Pump		OFP-2	To find out bleeding point
CO <sub>2</sub> Insufflator		UCR	To reduce patient pain
TT KnifeJ		KD-645L	Triangle tip is suitable for myotomy Water jet function will help additional injection while making tunnel
Distal Cap		D-201-11804	To support mucosal entering
Injection Needle		NM-600L-0423	To inject for first incision
Coagulation Device		Coagrasper FD-410LR	To coagulate blood vessel
Clip		EZ Clip HX-110 610-135 / 090L	Standard or long arm clip are recommended
Cautery		ESG-300	Spray coagulation mode is used
Connecting Tube for Flushing Pump		MAJ-1681	Accessory port tube used for additional injection
Flow Tube for UCR		MAJ-1816	To maintain CO <sub>2</sub> flow
EndoLoop		Polyloop (HX-400U-30)	Used for Fundoplication

# STER (Submucosal Tunnel Endoscopic Resection)

## STER:

- Submucosal tumors (SMTs) are primarily benign tumors, but some may have a malignant potential. Endoscopic submucosal dissection that has been used for removing esophageal SMTs could cause perforation. STER is an improved and an effective technique for treating esophageal SMTs.
- With the improvement of endoscopic diagnosis and widespread of endoscopic ultrasonography, more and more esophageal muscularis propria tumors are detected.
- Although most of the tumors were benign tumors, a series of serious problems such as malignancy, bleeding, obstruction and important organs oppression can occur with the growing of the tumor.
- Furthermore, it is possible that the benign ones may mutate into malignant.



## The procedure includes the following:

1. Creation of the tunnel entrance
2. Creation of the submucosal tunnel
3. Dissection of the SMTs
4. Examination of the tunnel incision
5. Closure of the tunnel

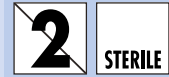
Source : Long-term Outcomes of Submucosal Tunneling Endoscopic Resection for Upper Gastrointestinal Submucosal Tumors *Annals of Surgery* 265(2):363-369, February 2017.

## Triangle Tip Knife J

Single-use electrosurgical triangle-tip knife with integrated jet function



- Adding injection without exchanging the ET devices during POEM procedure to minimize procedure time
- Smaller tip makes cut precisely and reduce tissue thermal damages
- Small triangle tip enables hooking tissue more easily



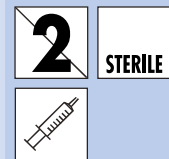
Model number	Article number	Qty. per box	Min. working channel $\varnothing$	Knife length (mm)	Knife diameter length	Specification	Area compatibility
KD-645L	N5412590	1	2.8 mm	4.5	0.4	Triangle tip length: 0.4 mm Triangle tip thickness: 0.3 mm	

## Dual knife J

Single-use electrosurgical knives with knob-shaped tip and integrated jet function



- Adjustable knife length will help doctors to perform marking, incision dissection and hemostasis
- The addition of water jet function lets you perform saline injection after cutting without replacing the devices
- 2.0 mm slim sheath helps maintain suction capability in the scope channel while its rigidity supports smooth incision and tissue dissection
- Two – step knife length adjustment will reduce perforation risk



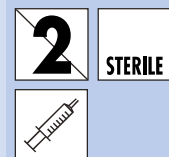
Model number	Article number	Qty. per box	Min. working channel $\varnothing$	Knife length (mm)	Knife diameter (mm)	Specification	Area compatibility
KD-655L	N5405090	1	2.8 mm	2.0	0.1	With water jet function	

## HookKnife J

Single-use electrosurgical hook knives with integrated jet function



- The L-shaped cutting knife is designed to hook tissue and pull it away from the mucosa to minimize the risk of perforation.
- The turn and lock feature are simple to deploy and ensures the cutting knife is locked at the desired position during every procedure
- The addition of water jet function lets you perform saline injection after cutting without replacing the devices



Model number	Article number	Qty. per box	Min. working channel $\varnothing$	Knife length (mm)	Knife diameter (mm)	Specification	Area compatibility
KD-625LR	N5408590	1	2.8 mm	4.5	0.4	Water jet, Rotatable	

## IT knife nano

### Single-use electrosurgical insulated-tip knives



- Supports safer procedures in the oesophagus and colon
- Specially designed, smaller insulated tip to improve maneuverability
- Disk-shaped electrode enables smooth spark development
- Coil sheath with optimized rigidity to maintain maximum maneuverability
- To ensure a clear field of view, a distal attachment (D-201 series) may be used



Model number	Article number	Qty. per box	Min. working channel $\varnothing$	Knife length (mm)	Knife diameter (mm)	Specification	Area compatibility
KD-612U	N4469190	1	2.8 mm	3,5	0,4	Insulated tip thickness: 1.7 mm	

### Flushing Pump Ancillaries for OFP-2



- Tubing to connect Olympus OFP-2 flushing pump with Olympus ESD knives with jet function
- Sterile, Pre-assembled and ready to use
- One-way check valve pre-attached to prevent backflow
- Two different versions: with bottle cap or spike

STERILE

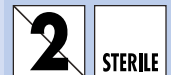
Model Number	Article Number	Qty. Per Box	Description	Note
MAJ-1681	K10026641	10	Accessory port tube with bottle cap, length: 248 cm	Sterile, single-use, to be used with OFP-2

## Distal attachment

### Distal Attachment



- Maintaining the appropriate distance between endoscope tip and target lesion
- Side hold on the sleeve ensures that any fluid inside can be drained any time



Model number	Article number	Qty. per box	Length from endoscope	Outer diameter	Specification	Area compatibility
D-201-11804	N3529190	10	4 mm	12,4 mm	Straight shape with side hole	

## Coagrasper

### Coagrasper



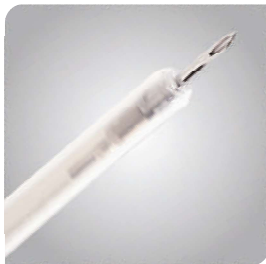
- The forceps 'anti-slip' jaw design facilitates grasping the tissue firmly
- Rotation function will help better approach to target bleeding point
- Bigger cup for upper GI bleeding, smaller cup for lower GI bleeding.
- To support ESD with fast and reliable hemostasis



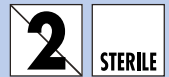
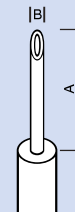
Model number	Article number	Qty. per box	Min. Working Channel $\varnothing$	Specification	Area compatibility
FD-410LR	N1086130	1	2.8 mm	Triangle shape cup, 5 mm opening width, rotatable	
FD-411UR	N3046330	1	2.8 mm	Small cup, 4 mm opening width rotatable	

## NeedleMaster

### Single use injection needle



- Extra sti ffsheath to enhance penetration and prevent kinking
- Large range for wide variety of applications
- Ergonomic handle with positive "click" action
- Different needle bevels to suit both upper and lower GI applications



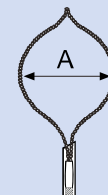
Model number	Article number	Qty. per box	Min. working channel $\varnothing$	Working length	Needle length (A)	Needle Gauge (B)	Area compatibility
NM-600L-0423	N5405690	5	2.8 mm	1650 mm	4 mm	23G=0,6 mm	

## SnareMaster

### Single use oval electro-surgical snare



- Wide opening oval snare
- Thick braided wires for maximum coagulation and control
- Integral handle with measurement markings



Model number	Article number	Qty. per box	Min. working channel $\varnothing$	Working length	Loop $\varnothing$ (A)	Wire thickness	Area compatibility
SD-210U-25	N6193190	10	2.8 mm	2300 mm	25 mm	0.47 mm	

## PolyLoop

Single use ligating device












- For polyp ligation prior to polypectomy
- Prevents post polypectomy bleeding
- Preloaded loop, ready to use with handle
- Nylon-loop ligation keeps tissue damage to a minimum
- Opening diameter of 30 mm enables ligation of large polyps



Model number	Article number	Qty. Per box	Compatible Channel	Working length	Loop opening width	Area compatibility
HX-400U-30	N1813290	5	2.8 mm	2300 mm	30 mm	

# STER (Submucosal Tunnel Endoscopic Resection)

## Olympus Complete Solution provider for STER

Device	Image	Product	Notes
Processor		CV/CLV-190	High quality image is always helpful to distinguish layers
Endoscope		GIF-HQ190	High quality image is always helpful to distinguish layers
Water Pump		OFP-2	To find out bleeding point
CO <sub>2</sub> Insufflator		UCR	To reduce patient pain
ESD Knives		KD-645L, KD-655L KD-612L, KD-625LR	Water jet function will help additional injection while making tunnel
Distal Cap		D-201-11804	To support mucosal entering
Injection Needle		NM-600L-0423	To inject for first incision
Coagulation Device		Coagrasper FD-410LR	To coagulate blood vessel
Clip		EZ Clip HX-110 610-135 / 090L	Standard or long arm clip are recommended
Snare		SD-210U-25	Single use snare design for easy insertion
Cautery		ESG-300	Spray coagulation mode is used.
Connecting Tube for Flushing Pump		MAJ-1681	Accessory port tube used for additional injection
Flow Tube for UCR		MAJ-1816	To maintain CO <sub>2</sub> flow

# Enteroscopy

- **Single Balloon Enteroscopy**

# Single Balloon Endoscopy

## Single use splinting tube



- The smooth-glide, hydrophilic-coated silicone splinting tube allows for easy insertion and therapeutic access to the deep small intestine.
- Radiopaque materials in the distal end enables effective position confirmation of the splinting tube's tip under fluoroscopy.
- The ST-SB1 is made of silicone, eliminating the risks associated with latex allergies.



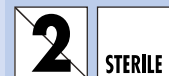
Model number	Article number	Qty. per box	Outer diameter (mm)	Inner diameter (mm)	Total length (mm)	Specification	Area compatibility
ST-SB1	N2650930	1	13.2	11.0	1400	Compatible with SIF-H190 Enteroscope	Enteroscopy

## Distal attachment

### Distal attachment



- Maintaining the appropriate distance between endoscope tip and target lesion
- Side hole on the sleeve ensures that any fluid inside can be drained any time



Model number	Article number	Qty. per box	Length from endoscope	Outer diameter	Specification	Area compatibility
D-201-10704	N3528990	10	4 mm	11.35	Straight shape with side hole, compatible with SIF-H190 scope enteroscopy	Enteroscopy

## EndoJaw

### Single use oval cup with needle fenestrated biopsy forceps



- Ribbed sheath to aid insertion
- Fenestrated cups for larger biopsies
- Unique SwingJaw™ mechanism to aid tangential biopsies
- Needle for improved anchorage
- Colour coded sheaths for easy recognition of area compatibility



Model number	Article number	Qty. per box	Min. working channel Ø	Working length	Area compatibility
FB-240U	5839020	20	2.8 mm	2300 mm	Enteroscopy

## Zoom Endoscopy & Endocytoscopy

- **Distal Attachment**
- **Black Hood**

## Distal Attachment

### Single-use soft, straight distal attachments



- Maintaining the appropriate distance between endoscope tip and target lesion
- Side hole on the sleeve ensures that any fluid inside can be drained any time



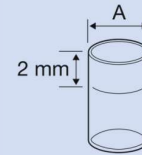
Model number	Article number	Qty. per box	Length from endoscope	Outer diameter	Specification	Area compatibility
D-201-11802	N6193690	10	2 mm	12.10 mm	Soft, Straight for Zoom Endoscopy	
D-201-11804	N3529190	10	4 mm	12.40 mm	Soft, straight	
D-201-14304	N3529430	10	4 mm	15.0 mm	Soft, straight	

## Distal Attachment

### Reusable distal hoods



- Soft, reusable distal hoods with 2 mm length from distal end of endoscope
- Black colour to reduce light reflection
- Main field of use: Zoom endoscopes



Model number	Article number	Qty. per box	Length from endoscope	Outer Diameter (A)	Specification	Area compatibility
MAJ-1989	N3830531	5	2 mm	11.45 mm	Black hood compatible with GIF-EZ1500, GIF-XZ1200, GIF-1TH190; GIF-HQ190	

## Beyond Imagination

- Introducing endocytoscopy, Olympus has broken new ground in endoscopy
- Ultra-high magnification of up to 520X
- Enables observation at the microscopic level
- Help to improve diagnostic accuracy
- Endocytoscopy presents a new era of diagnostic endoscopy



## Mechanically Enhanced Colonoscopy

# ENDOCUFF VISION™

## Master the Art of Unfolding

### Detection Means Prevention

ADR is considered the primary measure of the quality of mucosal inspection and the single most important quality measure in colonoscopy<sup>1</sup>. ENDOCUFF VISION helps in increasing the Adenoma Detection Rate by flattening mucosal folds for providing a better view of the colon and improves your ability to save lives.

Screening Performance Shows Greater Visibility Compared with Standard Colonoscopy in Evaluation Studies

- The use of ENDOCUFF VISION™ resulted in a notable increase in ADR of 10.8%.<sup>2</sup>
- ENDOCUFF VISION™ appeared to improve operator performance without more patient discomfort through shorter procedure times and no requirement for higher sedation.<sup>3</sup>



- American Society for Gastrointestinal Endoscopy, Quality Indicators for Colonoscopy 2015<sup>9</sup>
- Floer M, Biecker E, Fitzla fFR, et al. Higher Adenoma Detection Rates with Endocuff-Assisted Colonoscopy — A Randomized Controlled Multicenter Trial. PLoS ONE. 2014;9(12):e114267.
- Tsiamoulos ZP, Ravi M, et al. Impact of a new distal attachment on colonoscopy performance in an academic screening center. GIE Journal. 2017.

# Zoom Endoscopy & Endocytoscopy



During intubation, the flexible arms of ENDOCUFF VISION™ slip into the body of the device so that forward movement is not hindered.







The arms open folded bowel for inspection, everting large mucosal folds and providing a clear view of the mucosa that was previously difficult to visualize.



During withdrawal, the flexible arms reduce the risk of sudden slippage stabilize the scope tip during therapy and anchor the scope tip during loop reduction.

## Order Information

Article Name	Article Number	Description	Compatible Scope(s)	Quantity Units/Box
ARV 110	K10037616	 ENDOCUFF VISION™ Medium Blue I.D. 11.0	PCF-H190DL/I, CF-H185L/, CF-Q145L/I, CF-F290L/I, CF-Q260AL/I, CF-Q260DL/I, CF-240A/I, CF-240DL/I, CF-240L/I,	8
ARV 120	K10037617	 ENDOCUFF VISION™ Large Green I.D. 11.2	CF-HQ190L/I, CF-H190L/I, CF-H180AL/I, CF-Q180AL/I, CF-Q165L/I, CF-Q160AL/I, CF-Q160D/I, CF-Q160L/I, CF-Q160S, CF-Q140L/I, CF-140L/I, CF-140S, CF-1T140L/I, CF-HQ290L/I, CF-H260AL/I, CF-H260DL/I, CF-H260AZL/I, CF-Q240AL/I, CF-Q240L/I, CF-Q240ZL/I, CF-H170L/I,	8
ARV 130	K10037618	 ENDOCUFF VISION™ Small Purple I.D. 10.4	PCF-H190L/I, PCF-H180AL/I, PCF-Q180AL/I, PCF-160AL/I, PCF-H290L/I, PCF-Q260AL/I, PCF-Q26AZI	8
ARV 140	K10037619	 ENDOCUFF VISION™ XL Orange I.D. 12.1	CF-H180DL/I	8

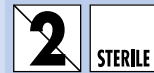
## Bronchoscopy

- **Biopsy Forcep;**
- **Grasping Forcep;**
- **Cytology Brush**

### Single-use oval cup biopsy forceps



- Fenestrated cups for larger biopsies
- Swing-jaw mechanism to aid tangential biopsies
- Ribbed, coated sheath to aid insertion
- Colour-coded sheath for easy recognition of area compatibility
- Cups with superior cutting performance for fewer artifacts and less bleeding

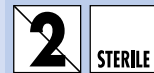


Model number	Article number	Qty. per box	Min. working channel $\varnothing$	Working length	Area compatibility
FB-231D	N1082020	20	2.0 mm	1150 mm	

### Single-use Mini Oval Rat Tooth Biopsy Forceps



- Elongated Rat tooth Jaws provide Greater Precision and Stability for tissue collection
- Unique two stage flexibility at the distal offers improved insertion capability when scope tip is angulated.
- Compatible with ultra-slim bronchoscope's 1.2mm instrument channel or greater



Model number	Article number	Qty. per box	Min. working channel $\varnothing$	Working length	Area compatibility
FB-456D	N6008330	1	1.2 mm	1150 mmh	

### Reusable round-cup biopsy forceps



- Fenestrated cups for larger biopsies
- Minimal tissue damage



Model number	Article number	Qty. per box	Min. working channel $\varnothing$	Working length	Area compatibility
FB-19C-1	4659530	1	2.0 mm	1050 mm	

### Single-use alligator cup biopsy forceps with needle



- Single-use biopsy forceps compatible with Olympus Semi-Rigid Thorascopes.
- Swing Jaw mechanism facilitates tangential approaches by capturing the tissue from the top of the biopsy site.
- Double-step blade makes the edges of the cup thin and sharp.



Model number	Article number	Qty. per box	Min. working channel $\varnothing$	Working length	Area compatibility
FB-420K	N6154850	20	2.8 mm	1517 mm	medical thoracoscopy

# Grasping Forcep, Cytology Brushes, Snare

## Single-Use Rat Tooth Grasping Forceps



- For removal of stents and flat objects such as coins
- Rat tooth for firm grip



Model number	Article number	Qty. per box	Min. working channel $\emptyset$	Working length	Opening width	Area compatibility
FG-14P-1	4654330	1	2.0 mm	1900mm	3.0 mm	

## Single-use crescent electro-surgical snare



- Crescent shape
- Thin, pliant wire design
- Integral handle with measurement markings

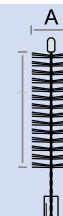


Model number	Article number	Qty. per box	Min. working channel $\emptyset$	Working length	Loop $\emptyset$ (A)	Wire	Area compatibility
SD-221L-25	N4470490	10	2.0 mm	1650 mm	25 mm	0.30 mm	

## Single-use cytology brush



- High cytological yield
- Metal tip for visibility under fluoroscopy
- Extra fine nylon bristles and optimal brush hardness



Model number	Article number	Qty. per box	Min. working channel $\emptyset$	Working length	Brush $\emptyset$ (A)	Brush length (B)	Area compatibility
BC-202D-3010	N6194690	10	2.0 mm	1150 mm	3.0 mm	10 mm	

## Trocar



Model number	Article number	Qty. per box	Min. working channel $\emptyset$	Working length	Description	Endoscope Compatibility
N1002130	MAJ-1058	5	60 mm	60 mm	Flexible trocar system	Pleuroscopes: LTF-H290

## ViziShot

### Single use EBUS-TBNA aspiration needles



MAJ-1414

- Surface of the needle tip has a dimpled echogenic design to improve visibility on ultrasound images
- Maximum extruding stroke is 40 mm. To prevent excessive protrusion in ordinary use, a removable safety mechanism stops the needle at the stroke of 20 mm
- Specially designed for use with the OLYMPUS EBUS-TBNA scope
- Pre-sterilized and single use
- Two types of needle gauge available: 22G and 21G
  - 21G:
    - Wider inned diameter of the needle is designed to provide increased space for more samples
    - Wider outer diameter of the needle is designed to provide more stiffness for smoother needler penetration
  - 22G:
    - Designed to offer more flexibility for wider accessibility

\* each needle set includes 5 syringes and 5 adaptor biopsy valves (MAJ-1414)



Model number	Article number	Qty. per box	Min. working channel $\varnothing$	Working length	Needle $\varnothing$	Needle length	Area compatibility
NA-201SX-4021	N2656690	5 needles*	2 mm	700 mm	21G	20-40 mm	
NA-201SX-4022	N1775890	5 needles*	2 mm	700 mm	22G	20-40 mm	

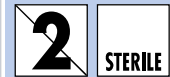
## ViziShot 2

### Single use EBUS-TBNA aspiration needles



MAJ-1414

- Ergonomic handle with double safety mechanism to protect endoscope channel
- Improved flexibility and enhanced puncture capability
- Dimpled needle tip design for efficient echogenicity
- Needles available in 21G and 22G
- Adjustable needle length from 20 mm to 40 mm
- Each needle set comprises one needle, one 20 ml lockable aspiration syringe with stopcock and one biopsy adapter valve (MAJ-1414)



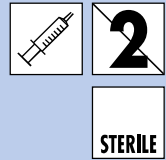
Model number	Article number	Qty. Per box	Min. Working channel $\varnothing$	Working length	Needle $\varnothing$	Needle length	Area compatibility
NA-U401SX-4021	N5427230	5 needles*	1.9 mm	700 mm	21G	20-40 mm	
NA-U401SX-4022	N5427530	5 needles*	1.9 mm	700 mm	22G	20-40 mm	

## Vizishot 2 FLEX

### Single use EBUS-TBNA aspiration needles



- Unique 19G aspiration needle to support histological sampling
- Intended use for FNA (fine needle aspiration) and FNB (fine needle biopsy)
- High needle flexibility for easier target approach while maintaining optimal puncture performance
- Ergonomic handle with double safety mechanism to protect endoscope channel
- Adjustable needle length from 20 mm to 40 mm
- Each needle set comprises one needle, one 20 ml lockable aspiration syringe with stopcock and one adapter biopsy valve (MAJ-1414)



Model number	Article number	Qty. per box	Min. working channel $\varnothing$	Working length	For use with	Area compatibility
NA-U403SX-4019	R5000652	1	• 2.2 mm	700 mm	MAJ-1414	

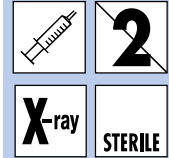


## PeriView FLEX

### Single-use 21G peripheral aspiration needle



- Peripheral TBNA needle PeriView FLEX 21G
- High-flexibility needle dedicated to reaching the periphery of the lung
- Ergonomic handle for better needle control during the whole procedure



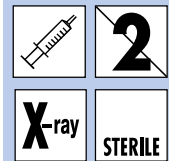
Model number	Article number	Qty. per box	Min. working channel $\varnothing$	Working length	Needle width (G)	Needle length (mm)	Area compatibility
NA-403D-2021	R5000598	4	● 1.7	1150 mm	21	20	

## SmoothShot Plus

### Single-use Metal Coil Sheath 21G TBNA Needle



- The metal coil sheath provides high kink resistance and offers optimal force transmission
- The audible click confirms that the needle is safely retracted into the sheath
- The unique side hole draws samples from the side as well as from the needle tip to ensure optimal specimen acquisition



Model number	Article number	Qty. per box	Min. working channel $\varnothing$	Working length	Features	Needle width (G)	Needle length (mm)	Area compatibility
NA-421C-1321	N6012030	1	● 2.0	973 mm	Without Side Hole	21	12.5	
NA-431C-1321	N6012130	1	● 2.0	973 mm	With Side hole	21	12.5	

## EBUS-Balloon



- Designed for EBUS scope BF-UC180F



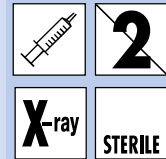
Model number	Article number	Qty. per box	Description	Endoscopic compatibility
MAJ-1351	N5369630	20	Balloon, Sterile, Contain Latex	Ultrasonic Bronchoscope: BF-UC180
MAJ-1352	N5364100	1	Balloon Applicator	Ultrasonic Bronchoscope; BF-UC180F

## GuideSheath Kit 2

### Single-use guide sheath kit



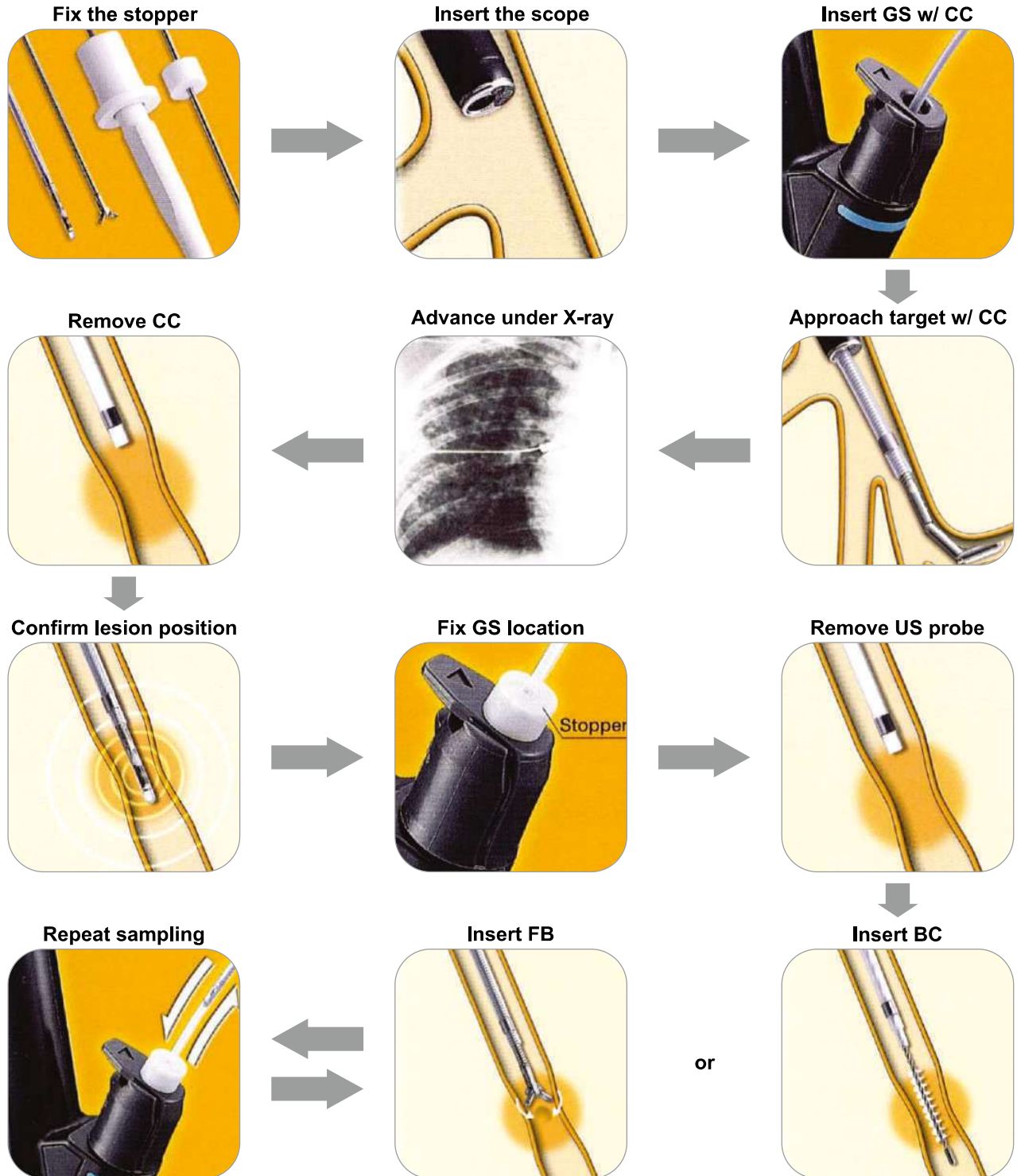
- Supports repeated approach of each device for EBUS-GS procedure
- Provided with a guide sheath stopper to fix the sheath to the scope's biopsy port



Model number	Article number	Min. working channel $\emptyset$	Contents	Compatible EUS Probe	packing
K-401	N6000690	2.0 mm	SG-400C (Guide Sheath) - 1 unit FB-433D (Standard type, Oval, fenestrated): 1 unit BC-205D-2010: 1 unit ET Stopper White: 4 units, US stopper: 1 unit	UM-S20-17S	1
K-403	N6000890	2.8 mm	SG-401C (Guide Sheath) - 1 unit FB-231D (Standard type, Oval, fenestrated): 1 unit BC-202D-2010: 1 unit ET Stopper Gray: 3 units, ET stopper white: 1 unit US Stopper : 1 unit	UM-S20-20R UM-S30-20R	1

# EBUS-GS (Guide Sheath)

## Procedure of GuideSheath technique for sampling



## Ancillaries

- **Electrosurgical Generator  
ESG 300**

# Electrosurgical Generator ESG 300

## REAL POWER...

### ...In Gastroenterology and Respiratory

The Olympus portfolio of electrosurgical allows physician to cut, coagulate, and resect with confidence secure in the knowledge that they are using an established and reliable treatment option.

Because Olympus understands the specific demands of modern electrosurgery, it know how important it is to have a safe, dedicated energy source to maintain the precision physicians require in the work.

In developing the ESG-300, Olympus has created a product dedicated to the need of the endoscopist while overcoming the complexity associated with multipurpose generators and focusing on providing a simple, safe, and smart source of energy.

### ...Meet Your Needs

The flexibility of simple operating modes for all key electrosurgical coupled with enhanced confidence for users familiar with other systems.

Whether performing a routine polypectomy or a more complex procedure (like an ESD), the ESG-300 can adapt to meet all electrosurgical needs.

### ...Dedicated to You

The convenience to simply save several diathermy settings allow users to work with greater confidence and safety, saving time otherwise spent on manual selection.

# OLYMPUS



# Electrosurgical Generator ESG 300



## Electrosurgical generator & Argon plasma unit

## ESG-300 & APU-300



- A complete electrosurgical system fully dedicated to the endoscopist
- With generator, Argon Plasma Unit, cart, and accessories
- Intuitive user interface with touch-screen navigation for the easy, quick, safe input of settings
- Wireless foot switch for convenient energy activation and easy toggling between procedure settings
- Full argon plasma capability: smart argon mode adjusts power automatically relative to the distance from the tissue

Model number	Article number	Qty. per box	For use with	Description
ESG-300	WA90003W	1		Electrosurgical generator
APU-300	WA90004W	1	ESG-300	Argon Plasma Unit
Wired foot switch	WA94033C	1	ESG-300	4 m cable
TC-E300	K10026809	1	ESG-300	System cart
WA94020A	WA94020A	1	ESG-300	HF Cable "EndoTherapy" Monopolar
Pressure reducer	WA94044A	1	APU-300	BS 342 no. 3, UK
Power cable	WA95623A	1	ESG-300/APU-300	4,5 m, with angled plug, EU type

## Electrosurgical unit ancillaries

### Neutral electrodes



- Different size and designs available to meet all need of different patient groups
- Safety ring for optimal current symmetry
- Hydro-gel for optimal skin contact
- Compatible with the ESG family and a board range of competitor generators
- Latex-free



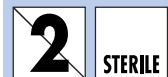
Model number	Article number	Qty. per box	Patient group	Contact area	For use with
Neutral electrode type E	WA99514C	15	Adult>15kg	140 cm <sup>2</sup>	ESG-300/ESG-150
Neutral electrode type, Universal Size	WA99516C	15	Adult>5kg	110 cm <sup>2</sup>	ESG-300/ESG-150

## Argon Plasma Coagulation Probes

### Single-use argon plasma coagulation probes for Olympus APU-300



- Single-use flexible monopolar argon plasma coagulation probes
- Automatic probes recognition on the generator
- Distal markings for optimal visibility and safe operation
- Axial, radial and lateral tip design for the majority of gastrointestinal and respiratory applications
- Range of different working lengths and diameters matches most endoscope types



Model number	Article number	Qty. per box	Min working channel	Working length	Probe tip design	For use with	Area compatibility
PA-211U	WA94002A	10	2.8 mm	2300 mm	Axial	Olympus APU-300	
PA-221U	WA94006A	10	2.8 mm	2300 mm	Lateral	Olympus APU-300	
PA-231U	WA94007A	10	2.8 mm	2300 mm	Radical	Olympus APU-300	
PA-210Z	WA94004A	10	2.0 mm	3000 mm	Axial	Olympus APU-300	Enteroscopy



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