

# **ESD** KNIVES

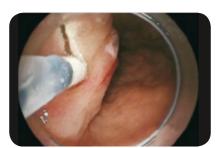
FLUSH KNIFE NS and FLUSH KNIFE BTS are aimed at achieving enhanced usability ideal for all physicians – from trainees to skilled ESD practitioners.

# **FEATURES**

One knife covers from marking to arrest of bleeding, achieving high versatility – One single knife allows procedures including 1. marking, 2. incision, 3. lifting, 4. dissection and 5. arrest of bleeding. The high versatility improves operation abilities and cost efficiencies. Safer and more efficient treatment is achieved by using the protruding knife length best suited for each treatment area.



1. Marking



2. Mucosal incision



3. Lifting and 4. Submucosal dissection



5. Arrest of bleeding

# **WATER JET SYSTEM MAINTAINS A CLEAN TIP**

The water jet system keeps the tip of the knife clean by washing off debris and lesion tissue adhering to the tip, thereby maintaining the sharpness of the knife throughout the treatment.







### SLIM HIGH-FREQUENCY ESD KNIFE



FlushKnife BTS's ball tip produces good traction, enabling the target tissue to be dissected smoothly. The ball tip touches a wider range of tissue and supports effective coagulation.

**Distal End:** 1.5 mm/2.0 mm/2.5 mm/3.0 mm

Working Length: 2,000 mm

Also available with a working length of 2,300 mm (distal end

1.5 mm or 2.0 mm).



FlushKnife NS's slim needle-shaped tip provides stronger dissection capability by high current density and enables sharp marking.

**Distal End:** 1.0 mm/1.5 mm/2.0 mm/2.5 mm/3.0 mm

Working Length: 2,000 mm

Also available with a working length of 2,300 mm (distal end 1.5 mm or 2.0 mm).

# **CHARACTERISTICS**

### **Enhanced suction capability**

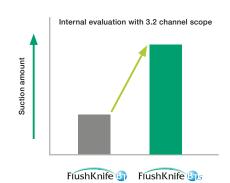
• With the thinner sheath, the space between the accessory channel and FlushKnife is enlarged, which enables increased suction performance while stabilising the sheath.

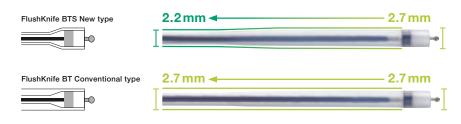
# **Excellent manoeuvrability and stability**

• FlushKnife is stabilised by the minimised gap within the forceps channel.

#### Improved durability and insertion ability

 Reduced resistance during scope insertions and improved durability (less kinking) is achieved by enhanced flexibility and a thinner sheath.





The sheath tip shape is modified compared to a conventional type. The thinner sheath provides increased suction capability, while the shape of the sheath stabilises the axis.



#### RECOMMENDED APPLICATIONS

Diameter	1 mm	1.5 mm	2mm	2.5 mm	3mm
Oesophagus	$\circ$			$\triangle$	$\triangle$
Stomach	$\circ$				
Colon	$\bigcirc$			$\triangle$	$\triangle$

○ Best indication ○ Possible Use △ Indicated in certain cases

Please note: Examples of the suitable protruding lengths are suggested by Takashi Toyonaga M.D. of Kobe University Hospital. A physician must take into consideration each particular condition of the area or lesion to be dissected when selecting a protruding knife length.





# **ESD KNIFE CLUTCH CUTTER** for various techniques

# THE 3-IN-1 ESD TOOL FOR EFFICIENT AND SAFE THERAPEUTIC PROCEDURES:

# 1. incision, 2. dissection and 3. coagulation

The ClutchCutter is a well proven, innovative surgical tool that can safely grasp, apply pressure and traction to, and electrically dissect and coagulate the target area as in a biopsy. All stages of the ESD procedure can be performed with this 3-in-1 tool, from marking to making incisions and coagulating. In procedures that need to be performed perpendicular to the muscular layer, which can cause difficulties when using a needle knife, the ClutchCutter makes it possible to grasp, lift up and incrementally dissect the tissue. This ensures a safer ESD procedure.

#### **FEATURES**

- Toothed jaws to grip the mucosa membrane securely and efficient
- Rotatable distal jaws for a precise lesion approach
- Insulated outer edge for a safe procedure minimizing the risk of damaging local tissue
- Two jaw lengths available in 3.5 mm and 5 mm



1. Incision



2. Dissection



3. Coagulation



ClutchCutter DP2618DT-35-



ClutchCutter DP2618DT-50-

# CLUTCH CUTTER DP2618DT

Product name	ClutchCutter single use	
Identifier	-35-	-50-
Jaw length	3.5 mm	5.0 mm
Working length	1,800 mm	
Maximum diameter of insertion portion	2.7 mm	
Working channel diameter of compatible endoscope	2.8 mm or more	



# **COMPONENT PARTS**

ST HOODS help to perform safer and more efficient ESD and POEM by preventing the surgical field of view being blocked by mucosa and provide a clear view during the endoscopic treatment.

# **FEATURES OF SHORT TYPE ST HOODS**

- Shorter distance from the endoscope tip and wider inner diameter of the distal end than current hoods enhance visibility.
- Easier insertion of accessories without guide ditch is available for all series of endoscopes.
- Equipped with two drains.

# **ST HOOD** Short Type



Model	DH-28GR	DH-29CR	DH-30CR
Outer diameter	11.8 mm	13.0 mm	14.8 mm
Inner diameter of tip	7.0 mm	7.0 mm	7.0 mm
Tip length	8.0 mm	8.0 mm	8.0 mm
Drains	2	2	2
Applicable endoscope	EG-760R EG-760Z EG-600WR EG-600ZW EG-590WR EG-580RD EG-530WR EC-740T M/L EC-580RD M/L	EG-760CT EG-590ZW EC-530MP EC-530LP	EC-760R-VM/VI/VL EC-760ZP-VM/VL EC-760P-VM/VL EC-600WM, WI, WL EC-590WM4, WI4, WL4 EC-590ZW3 M/L EC-530WM3, WI3, WL3

# ST HOOD



Model	DH-15GR	DH-16CR	
Outer diameter	12.2 mm	16mm	
Inner diameter of tip	7.0 mm	7.0 mm	
Tip length	8.3 mm	8.3 mm	
Drains	1	1	
Applicable endoscope	EG-760R EG-760Z EG-760CT EG-600WR EG-600ZW EG-590WR EG-580RD EG-530WR EC-740T M/L EC-580RD M/L	EC-760R-VM/VI/VL EC-760ZP-VM/VL EC-760P-VM/VL EC-600WM, WI, WL EC-600ZW M/L EC-590WM4, WI4, WL4 EC-590ZW3 M/L EC-530WM3, WI3, WL3	
	Featuring Accessory Guide	Featuring Accessory Guide	

#### In following papers, it is described how ST hoods are used as a tool for the "pocket-creation method":

- Duodenal endoscopic submucosal dissection is feasible using the pocket-creation method. Endoscopy. 2017 Jan;49(1):8-14. doi: 10.1055/s-0042-116315. Epub 2016 Nov 22.
- The pocket-creation method of ESD for gastric neoplasms.

  Gastrointest Endosc. 2016 Feb;83(2):457-8. doi: 10.1016/j.gie.2015.08.068. Epub 2015 Sep 7.
- Pocket-creation method of endoscopic submucosal dissection to achieve en bloc resection of giant colorectal subpedunculated neoplastic lesions.
  - Endoscopy. 2014;46 Suppl 1 UCTN:E421-2. doi: 10.1055/s-0034-1377438. Epub 2014 Oct 14.



# Specially designed water pump JW-2 for advanced endoscopic examination

# WATER PUMP JW-2

Proprietary piping technology enables water flow to be quickly stopped. The one litre water bottle enables prolonged water use and minimises the need for constant refilling.





Our latest CO<sub>2</sub> insufflator **GW-100** offers clinicians an optimised and easy-to-handle procedure as well as maximum patient comfort.

# **FEATURES**

- Direct connection to hospital's medical CO<sub>2</sub> pipeline as well as to medical CO<sub>2</sub> cylinder
- Easy-to-use CO<sub>2</sub> flow rate switching function and compact design
- 2 controlled flow rate settings

# CO<sub>2</sub> INSUFFLATOR **GW-100**

For fast resorption of insufflated CO<sub>2</sub> for timesaving and patient friendly examinations.











Tube sets for the connection of GW-100 to the medical gas pipeline and medical gas cylinders are available.



# SUBMUCOSAL INJECTABLE COMPOSITION – DESIGNED FOR EASY AND SAFE RESECTION PROCEDURES

# **INTENDED USE**

Eleview<sup>TM</sup> is a new submucosal injectable composition intended for use in gastrointestinal endoscopic procedures for submucosal lift of polyps, adenomas, early stage cancers, or other gastrointestinal mucosal lesions, prior to excision with a snare or endoscopic device.



5 ampoules / pouch (10 ml / ampoule)

# **PERFORMANCE**



- Long-lasting cushion with > 45 min lifting time
- Appropriate for challenging polyps regardless of size, location, or type
- Improved margin visualisation for less potential risk of perforation

# **EFFICIENCY**



- Requires less volume to create cushions
- Fewer reinjections and piecemeal excisions compared to saline that can increase your time saving

# **VISIBILITY**



Dyed with Methylene Blue for improved visualisation of target lesion margins

# **SAFE AND EASY**



- Pre-mixed, sterile and ready to use
- Low-viscosity emulsion fits through a 23 G needle and is easy to inject

Eleview is a trademark of Cosmo Technologies Ltd, Riverside II – Sir John Rogerson's Quay, Dublin 2, IE info@cosmotechnologies.com Manufacturer: Cosmo Technologies Ltd., IE

Not for sale in Canada

# ADVANCING DEEPER INSIGHTS IN ENDOSCOPY

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