

**2022**

**New and  
Featured  
Products**

 **STERIS**

Endoscopy

At **STERIS Endoscopy** our mission is to provide our Customers with innovative products to better diagnose, prevent, and treat disease of the gastrointestinal tract.

Through collaboration and research & development, our portfolio delivers **advanced technologies in therapeutic endoscopy improving patient care everyday.**

From advanced polypectomy and GI emergency devices, to procedural infection prevention solutions we are continuously developing **new innovations and technologies.**

## Check out our latest offerings...



 **STERIS**

Endoscopy

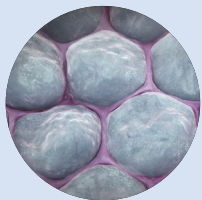
# NOVEL TECHNOLOGY

## truFreeze® spray cryotherapy system

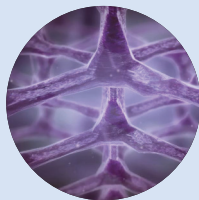
The **truFreeze spray cryotherapy** ablation technology system is the only device indicated to ablate both Barrett's Esophagus with high grade dysplasia and/or low-grade dysplasia and malignancies, such as esophageal cancer. Delivering liquid nitrogen (LN<sub>2</sub>) at -196°C, it is the coldest cryogen available and is capable of ablating both benign and malignant cells.

Allows for treatment of both **benign** and **malignant** applications, including...

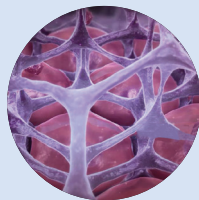
- Esophageal & Gastric Cancer
- Dysphagia
- Barrett's Esophagus
- Stricture Management
- GAVE
- Stent overgrowth
- Radiation Proctitis
- Hemostasis
- Diseases of the high cardia



LN<sub>2</sub> flash freezes benign and malignant tissue, causing instant cell death



Destroys cellular components while preserving extracellular matrix (ECM)



Intact ECM enables healing response



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## truFreeze®

Spray Cryotherapy

To complement the truFreeze spray cryotherapy system we offer the **Rapid AV™ catheter** technology. The Rapid AV catheter is specially designed to deliver cold LN<sub>2</sub> at -196°C to cause a fast freeze and allow for a slow thaw of the tissue.

# COMPLETE CLIP COVERAGE



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## Assurance™ clip

The **Assurance clip** is designed for endoscopic clip placement within the gastrointestinal tract for the purpose of hemostasis, defect closure, endoscopic marking and anchoring.

- » Available in 4 sizes – all offering 12.5mm deployed length, allowing for visualization and maneuverability when deploying additional clips
- » 1:1 360° rotation
- » Single-step deployment

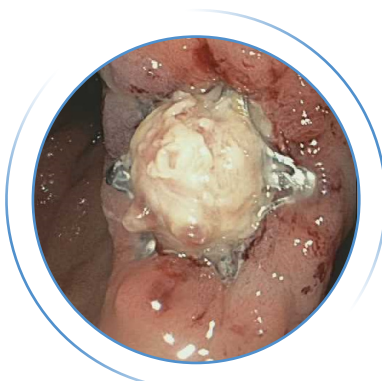


 Assurance  
clip

## Padlock Clip® defect closure system

The over-the-scope **Padlock Clip defect closure system** is effective in “difficult” scenarios<sup>1</sup> – 6 prongs gather, lift, and approximate tissue offering full circumferential closure.

- » One clip design for applications including hemostasis and closure of polyp resection sites <1.5cm and GI tract luminal perforations <20mm
- » Provides an open and free instrument channel for unhindered endoscope suction
- » Allows for “push of the thumb” deployment



 **PADLOCK CLIP**  
defect closure system

1. Armellini E, Crinò SF, Orsello M, Ballarè M, Tari R, Saettone S, Montino F, Occhipinti P. Novel endoscopic over-the-scope clip system. World J Gastroenterol 2015; 21(48): 13587-13592



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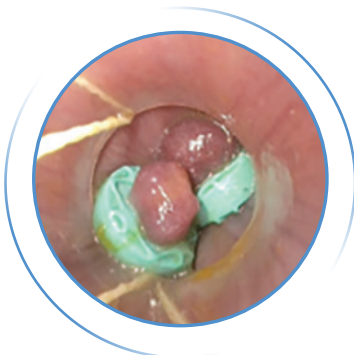
**SmartBand®**  
Multi-Band Ligation System

# ADDRESSING CLINICAL CHALLENGES

## SmartBand® multi-band ligation system

The **SmartBand multi-band ligation system** is used to endoscopically ligate esophageal varices at or above the gastroesophageal junction and to ligate internal hemorrhoids.

- » “Tire tread” band design enables maximum tissue compression and gripping force<sup>1</sup>
- » Two options: the SLK6 made with latex, and the SLK6LF, which is not made with natural rubber latex
- » Manufactured and packaged for 24-month shelf life<sup>1</sup>



Bands deployed in live  
porcine model

Features a universal connector  
that attaches the handle to the  
endoscope and is compatible with  
multiple endoscope styles

Offers a 10FR inner diameter  
handle stem that enhances  
suction capabilities

Includes 6 backloaded bands on a clear,  
smooth barrel for optimal visualization



1. Testing data is on file



## 360° VISUALIZATION

### SmartBand® endoscopic mucosal resection kit

The **SmartBand Endoscopic Mucosal Resection Kit** is designed to support band endoscopic mucosal resection in the upper GI tract.

- » Obtains a larger tissue surface area without increasing resection depth
- » Features a controlled depth barrel designed for more consistent tissue capture
- » Offers a wider 360-degree visualization without the obstruction of bands
- » Brings visualization closer to the treatment site
- » Available in three barrel size options



Excellent visualization prior to bands being deployed

Features a universal connector that attaches the handle to the endoscope and is compatible with multiple endoscope styles

Offers a 10FR inner diameter handle stem that enables maximum suction capabilities



Includes 5 backloaded bands on a clear, smooth barrel for optimal visualization

# DYNAMIC DESIGN



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## CoinTip™ snare

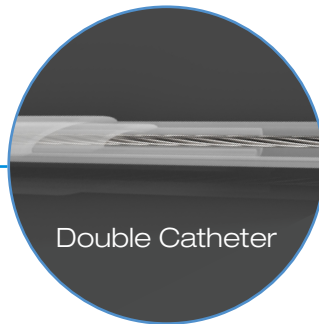
Not all snares offer the same recruitment, resection, and performance. The innovative **CoinTip snare** supports hot and cold resection with design features that leverage the benefits of different snare sizes to support precise cutting capabilities.



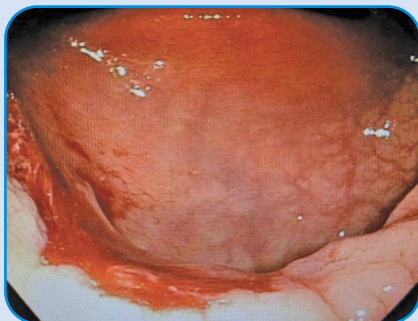
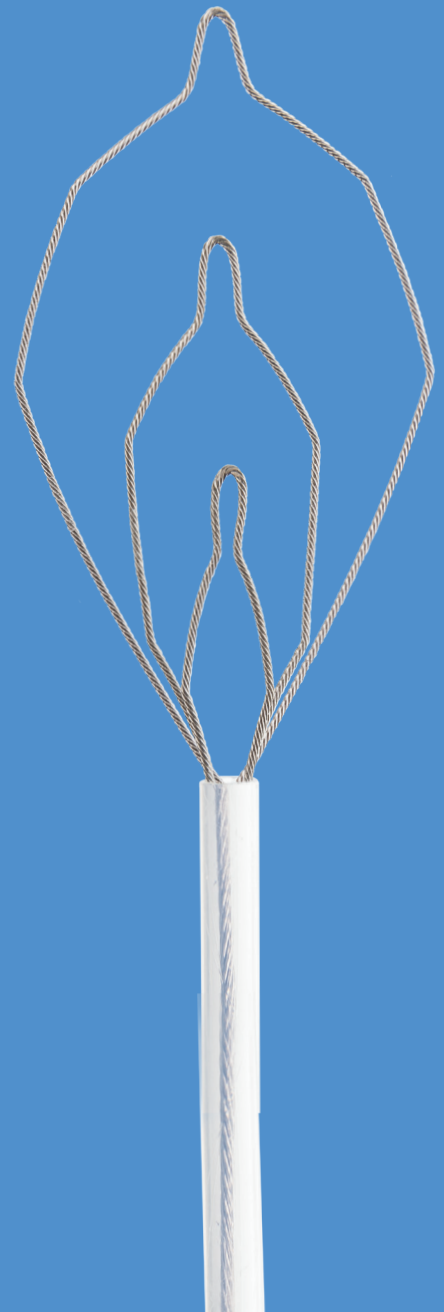
Coined distal tip

Distal tip flattened to 0.25mm which is achieved by the manufacturing process of “coining”

Double catheter that includes an internal strain relief for added support to reduce the chance of buckling during resection



Double Catheter



Clean resection site with the CoinTip snare\*

# OPTIMIZED LOCALIZATION



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## Endoscopic Marker

The **Endoscopic Marker** is indicated for endoscopically marking lesions in the GI tract when the endoscopist anticipates the lesion will require surgical removal within 30 days.

The Endoscopic Marker provides a method of marking target tissue and lesions on the wall of a patient's stomach or colon during an endoscopic procedure. The mark provides a reference point for subsequent removal of the tissue.

- » No shake necessary – Allows for stable suspension of the ink.
- » Stable emulsion – Does not migrate resulting in dark and permanent marks.
- » Each syringe is prefilled – Preparation is simplified with ready-to-use product design. Each syringe comes with 5ml of the marking fluid.
- » Sterile – The product is single use and sterile.





# COMPLETE RESECTION

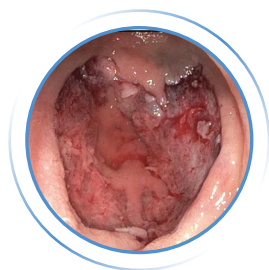
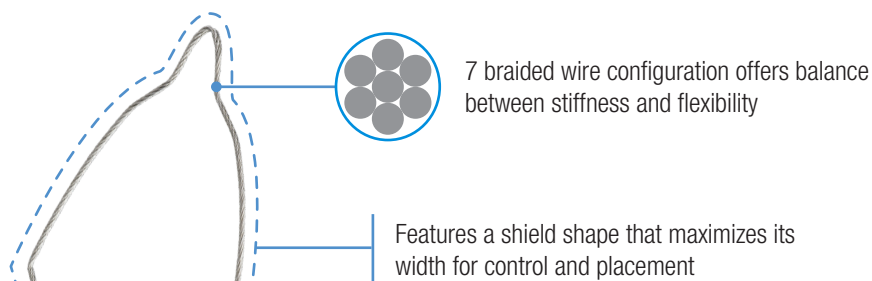


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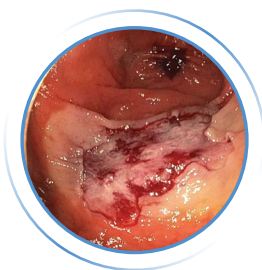
## Exacto® cold snare

As a dedicated cold snare, the **Exacto cold snare** is clinically proven to achieve a significantly higher rate of complete resection when using the cold snare polypectomy technique.<sup>1, 2</sup> The design offers control and placement for a precise, clean cut when compared to traditional braided snares.

- » 9mm mini snare size that facilitates polyp tissue resection without use of cautery
- » Enables a clean cut with a thin wire design (0.012"/0.30mm) while maintaining its shape and stiffness
- » Offers a thin, stiff catheter that decreases buckling while aiding in placement



Resection of peri-appendiceal lateral spreading tumor showing tubular adenoma



Clean margins after resection of 40x20mm tumor showing tubulovillous adenoma with focal high grade dysplasia



1. Horiuchi A, Hosoi K. "Perspective, randomized comparison of 2 methods of cold snare polypectomy for small colorectal polyps." *Gastrointestinal Endoscopy* (2015): 1-7

2. Din S, Ball A. "Cold snare polypectomy: Does snare type influence outcomes?" *Digestive Endoscopy* (2015): 1-6

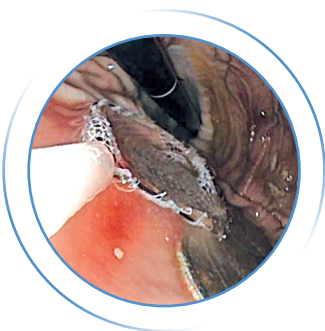
# OPTIMAL PERFORMANCE



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## Roth Net® retriever – 360

The **Roth Net retriever – 360** features a fully reinforced net for challenging endoscopic retrieval cases, offering 360 degree rotation and complete functionality in retroflex and tortuous positions making it a well-suited net to have available for foreign body and tissue retrieval.



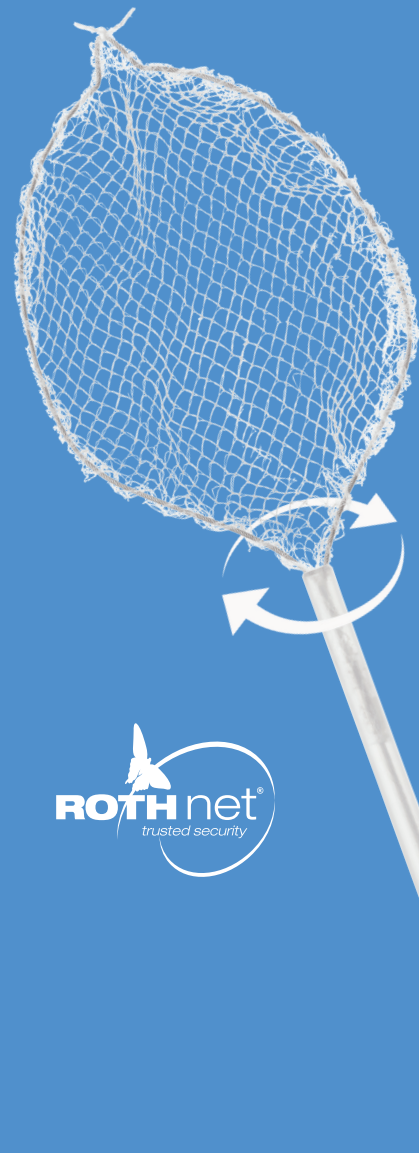
### Reliable Performance


- » Spade shape snare form opens to full capacity to retrieve a foreign body within the fundus of the stomach
- » Features an alternative net weave design, offering enhanced durability, strength and visibility throughout the procedure



### 360-degree rotation

- » Allows for controlled net placement to retrieve large polyps - maintains sample integrity for pathology



 To learn more about how our complete Roth Net retriever portfolio can address your retrieval situations, visit **www.steris.com/rothnet** today or SCAN the code to learn more.



# STRENGTH AND PRECISION



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## Raptor® grasping devices

The **Raptor grasping devices** offer versatility for retrieving stents and a variety of foreign bodies including safety pins, needles etc.

### Raptor™ grasping device - 360

- » Offers full 360-degree rotation to aid in grasping tissue, stone, stents or foreign bodies within the GI tract
- » No external arm mechanisms providing ability to pull jaws closer to the endoscope upon extubation

### Raptor grasping device

- » Combines alligator and rat tooth grasper capabilities into one device, increasing gripping ability
- » Flexible distal catheter operates in a retroflexed position and in side-viewing endoscopes

### Raptor grasping device - mini:

- » Features a smaller hybrid jaw and catheter option for tight or torqued positions
- » Specially designed for procedures requiring an ultra-slim endoscope





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gi 4000



Miniature  
argon gas  
canister that  
fits into unit

INGENUITY

## gi4000 electrosurgery unit

The state-of-the-art **gi4000 electrosurgery unit** is designed specifically for flexible endoscopy and has Argon, Monopolar, Bipolar and Lavage functions all built into an intuitively designed user interface.

To complement the gi4000 unit, we also offer an array of accessories including:



**TouchSoft Coagulator® monopolar probe:**  
for contact coagulation or tissue ablation



**ArC Smart™ argon coagulation probe:**  
ensures ideal beam and energy delivery

# MULTI-MODALITY SAMPLING

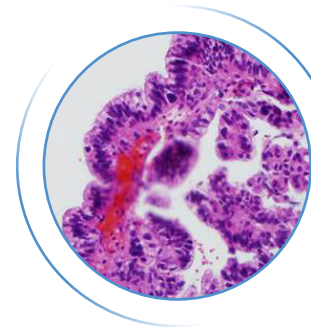
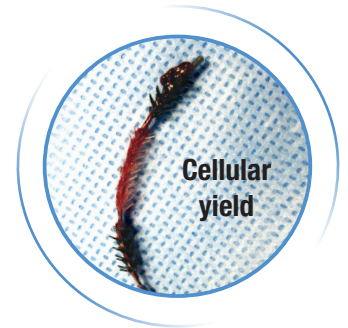


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## Histoguide® wire-guided forceps and Infinity® ERCP sampling device

The **Histoguide wire-guided forceps** and the clinically proven **Infinity ERCP sampling device** are ideal companions. Pairing the two devices for a two-tiered, multi-modality sampling approach may help improve diagnostic capabilities and lead to increased sensitivity during ERCP procedures to aid in more accurate diagnosis.<sup>1</sup>

- » The Histoguide forceps' wire-guide provides access, control, positioning and maneuverability in acquiring a substantial amount of tissue needed for stricture diagnosis in the biliary tree
- » The Infinity ERCP sampling device is purpose-built for collecting substantial and quality samples from strictures in the biliary duct and has been proven to deliver a diagnostic sensitivity of up to 85%<sup>2</sup>



Diagnosis  
achieved with  
the Infinity ERCP  
sampling device

1. Korc, P and Sherman, S. "ERCP tissue sampling." GIE Journal 2016; 84 (4):L 557-571.  
2. T.Barrioz, M Wangermex, P. Levillain, M. Beauchant. The Infinity® brush improves the results of brush cytology for malignant biliary strictures. Societe Nationale Francaise de Gastro-Energiologie (SNFGE). [25-4-2013 10:13:01]

**Histoguide**

**infinity**  
ERCP sampling device



# RELIABLE SAMPLING



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## Moray<sup>®</sup> micro forceps

The **Moray micro forceps** is designed to acquire reliable tissue samples from pancreatic cysts, helping lead to a more definitive diagnosis and targeted therapy. <sup>1</sup>

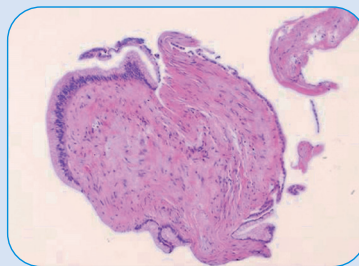
- » The Moray device, small enough to fit through most 19G FNA needles, has 4.3mm diameter serrated jaws allowing for tissue recruitment when sampling pancreatic cysts<sup>2</sup>
- » Stainless-steel spring sheath allows flexibility of use in tortuous positions demanded by the procedure, permitting clinicians to sample at multiple angles

## Helping to lead to a more definitive diagnosis:

Samples collected with the Moray micro forceps provided a diagnosis in 75% of patients vs. cytology, which provided a diagnosis in 15.9% of patients. <sup>1</sup>



EUS view of Moray micro forceps tissue acquisition<sup>3</sup>



Microscopic view of mucinous epithelium<sup>3</sup>

 **moray**  
micro forceps



1. Study data on file at STERIS Endoscopy  
2. DiMaio, Christopher, MD, et al. Impact of EUS-guided micro forceps biopsy sampling and needle-based confocal laser endomicroscopy on the diagnostic yield and clinical management of pancreatic cystic lesions. *Gastrointestinal Endoscopy*. Volume 91, No. 5 : 2020.  
3. Pham, Khanh Do-Cong, Case Report Series 4 – Moray micro forceps. Data on file at STERIS Endoscopy.

# PRODUCT CHART

Product Number	Description
CC301	truFreeze Spray Cryotherapy System Console
2000177	Rapid AV Spray Catheter kit
BX00711110	CoinTip snare
G1110001	gi4000 electrosurgery unit
G1120010	argon gas canister – 49 liters
G1120020	ArConnect® argon probe connector
G1120040	TouchSoft Coagulator monopolar probe
G1140001	ArC Smart argon probe - straight fire
G1140002	ArC Smart argon probe - straight fire
G1140003	ArC Smart argon probe - straight fire
G1140004	ArC Smart argon probe (sterile) - straight fire AND ArConnect argon probe connector
G1140005	ArC Smart argon probe (sterile) - straight fire AND ArConnect argon probe connector
G1140006	ArC Smart argon probe (sterile) - straight fire AND ArConnect argon probe connector
BX00711197	Roth Net retriever - 360
BX00711177	Raptor grasping device
BX00711178	Raptor grasping device - mini
BX00711179	Raptor grasping device - 360
BX00711881	Assurance clip - 9mm
BX00711882	Assurance clip - 11mm
BX00711883	Assurance clip - 13mm
BX00711884	Assurance clip - 16mm
SBEMRK94	SmartBand EMR Kit 9.4mm barrel tip diameter
SBEMRK	SmartBand EMR Kit 10.75mm barrel tip diameter
SBEMRK12	SmartBand EMR Kit 12.0mm barrel tip diameter
SBEMRP94	SmartBand EMR Pack 9.4mm barrel tip diameter
SBEMRP	SmartBand EMR Pack 10.75mm barrel tip diameter
SBEMRP12	SmartBand EMR Pack 12.0mm barrel tip diameter
SLK6*	SmartBand multi-band ligation kit
SLK6LF**	SmartBand SafeGrip multi-band ligation kit
SLP6*	SmartBand multi-band ligation pack
SLP6LF**	SmartBand SafeGrip multi-band ligation pack
C910001	Padlock Clip defect closure system
C913131	Padlock Clip Pro-Select® defect closure system
BX00711660	Histoguide wire-guided forceps
BX00711652	Infinity ERCP sampling device
BX00711653	Infinity ERCP sampling device
BX00711889	Moray micro forceps
BX00711115	Exacto cold snare
BX00711094	Exacto cold snare
BX00711095	Exacto cold snare
BX00711836	Endoscopic Marker

\* manufactured with natural rubber latex

\*\* not manufactured with natural rubber latex



STERIS  
5960 Heisley Road  
Mentor, OH 44060-1834 – USA  
Customer Service: 800-548-4873  
Fax: 440-639-4495  
[www.steris.com](http://www.steris.com)

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