# Advanced Energy & Endotherapy

Resection Dissection Myotomy

Anything is Possible with the Right Approach



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Creo Medical provides a complete suite of solutions for clinicians and hospitals targeting critical procedures in the field of gastroenterology for therapeutic endoscopy



## INTRODUCTION

## Creo Medical's pioneering products are used worldwide, providing:



Patients

with improved treatment options, focused on enhancing quality of life



Healthcare Professionals

with access to advanced technology and techniques

Creo Medical is transforming lives through the development and delivery of minimally invasive devices, bringing Advanced Energy to the emerging field of therapeutic endoscopy.

With an expanded product portfolio in the field of GI Endoscopy, we can provide a unique partnership with healthcare professionals

### **Advanced Energy**

for advanced procedures such as Speedboat Submucosal Dissection (SSD) and Per-oral Endoscopic Myotomy (POEM)





Hospitals with optimised patient pathways and efficiency

### **Endotherapeutics**

for routine procedures such as polypectomy and Endoscopic Mucosal Resection (EMR), and for supporting advanced procedures, such as endoscopic retrograde cholangiopancreatography (ERCP)



# **Advanced Energy**

## **Product Portfolio**

## **CROMA Advanced Energy Platform**

CROMA delivers Advanced Bipolar RF and controlled Super High Frequency Microwave energy through a single accessory port, providing precise resection, dissection and coagulation capabilities



## **Hot & Cold Snares**

Used for EMR and polypectomy based on lesion size. Cold snares are used for smaller lesions, while hot snares are for larger vascular lesions where bleeding may occur

## **Biopsy Forceps**

Primarily used as a diagnostic device for capturing biopsies, however can also be utilised for removal of very small lesions

## Hemoclips

Used in therapeutic procedures to stop bleeding, to close perforations or to provide traction

### **Injection Needles**

Used in therapeutic procedures to inject fluid, to lift the mucosal or submucosal layers, and to inject adrenaline during hemostatic procedures

## **Grasping Forceps**

Used to remove foreign objects or tissue

## Speedboat UltraSlim

Creo Medical's slimmest multi-modal device with Advanced Bipolar RF for cutting and Super High Frequency Microwave for coagulation



### **Speedboat Inject**

Speedboat Inject is the first Advanced Energy multi-modal instrument designed for flexible endoscopy that can deliver both Advanced Bipolar RF and Super High Frequency Microwave energy from a single device





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# **Endotherapy Accessories**

## **Product Portfolio**







The CROMA Advanced Energy Platform precisely controls Advanced Bipolar RF and **Super High Frequency (SHF) Microwave** energy to enable a suite of flexible endoscopic devices designed to deliver:









Images (top) 1a. Cut fibrotic tissue 1b. Uncharred margins and muscle 'bed' **2a.** Active bleeding **2b.** Large vessels

Image (right) GI tract layers

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Monopolar

EMR

# **ADVANCED ENERGY**

**CROMA Advanced Energy Platform Speedboat Inject** Speedboat UltraSlim

# **CROMA**

## **Advanced Energy Generator**

- A unique usability and safety profile<sup>1-6</sup> Optimal tissue effect<sup>1-6</sup>
- Improved clinical and economic outcomes<sup>6</sup>
- Expanded capabilities in therapeutic endoscopy

### Advanced Bipolar RF

Enables a smooth cut with clean margins and minimal bleeding<sup>1</sup>

- Closed-loop technology & proprietary waveform
- Lower voltage than standard monopolar
- Focused energy, adapted based on tissue response

### **SHF Microwave**

ablations and hemostasis

- and depth of penetration





# **Speedboat Inject**

## **Advanced Energy Multi-modal Device**

### Speedboat Inject with an integrated injection needle is an Advanced Energy multi-modal instrument designed for flexible endoscopy that can deliver both Advanced Bipolar RF and 5.8GHz Super High Frequency (SHF) Microwave.



#### Protective hull designed for safety

Protects the muscle bed from unwanted thermal injury by maintaining a consistent distance from the energy source, allowing cutting close to the muscle bed.



#### Precise advanced bipolar **RF cutting**

Blade design controls the depth of penetration and provides a focused pathway of energy delivery at lower voltage <460 V. Adaptive waveform automatically adjusts parameters to tissues and balances coagulation during cutting to minimise bleeding.



**On-demand**, controlled microwave coagulation

SHF Microwave energy distributes heat evenly across the treatment area, coagulating the area and constricting the source of bleeds. 5.8 GHz enables controlled depth of penetration not impacted by tissue resistance,

designed to minimise the risk of perforations and charring.





& protective hull

Compatible with both

during dissections.

muscle bed.

endoscopic pumps and

syringes, the integrated lifting

Protects the muscle bed from

maintaining a constant distance

unwanted thermal injury by

allowing cutting close to the

from the energy source,

system provides rapid tissue lift



## Integrated lifting system

## **Multi-modal** device



## **Benefits of Speedboat UltraSlim**

- ✓ Improved access to the GI tract
- ✓ Integrated torquer for enhanced control
- ✓ Functions in tortuous and challenging scope positions including retroflexion
- Compatible with all routine and therapeutic endoscopes
- ✓ Our fastest microwave coagulation yet!



1-to-1 rotational feel designed for usability

Torque Rotation Technology™ for accurate control, ensures the tip can be positioned to match the contour of the muscle bed at all stages of submucosal dissection.



#### Integrated injection needle for versatility

On-demand submucosal lift using a 26-gauge extendable needle, eliminating unnecessary instrument exchanges.

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# Speedboat UltraSlim

## **Our Slimmest Advanced Energy Device**

endoscopy that can deliver both advanced bipolar RF and 5.8GHz Super High Frequency (SHF) Microwave energy from a single device.



### **Key Characteristics**

Used endoscopically in the removal of diminutive, sessile and pedunculated polyps, and tissue from within the GI tract

Sterile, disposable, and single-use

Rotatable: both the ScopeSnares (Hot & Cold) have a rotatable model, designed to provide ease of use and accuracy of placement

Smart handle design: produces a responsive & precise control for full rotation of 360°, 1:1 rotation in either direction and a shortened throw for controlled actuation

ScopeSnare COLD   Disposable Polypectomy Snare (Cold)											
Part Number	Ca	atheter		Snare							
Fart Nulliber	Ø (mm)	Length (mm)	Snare Ø (mm)	Ø Cutting Wire (mm)	Shape	ape Rotatable					
CPS-2410235335	2.4	2300	10	0.24	Oval	$\checkmark$	10				
CPS-2410235336	2.4	2300	10	0.24	Shield	$\checkmark$	10				
CPS-2415235335	2.4	2300	15	0.24	Oval	$\checkmark$	10				
CPS-2415235336	2.4	2300	15	0.24	Shield	$\checkmark$	10				

## **RESECTION & DISSECTION**

**Cold Snares** 

Hot & Hybrid Snares

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## ScopeSnare Cold

## **Polypectomy Snares**

A cutting wire with a diameter of 0.24 mm designed for a clean resection

> **Rotatable models** Multi-strand braided cutting wire Various shapes available Matching removable clip device





# **Scope**Snare

## **Polypectomy Snares**

## **Portfolio of energy-based snares** with different diameters and shapes to match the mode of resection

**Rotatable models** Optimised cutting wire diameter Matching removable clip device



ScopeSnare - Polypectomy snare oval rotatable													
	С	atheter		Snare									
Reference	Ø (mm)	Length (mm)	Snare Ø (mm)	Ø cutting wire (mm)	Shape	Rotatable	QTY						
HPS-2410235075	2.4	2300	10	0.3	Oval	$\checkmark$	10						
HPS-2415235075	2.4	2300	15	0.3	Oval	$\checkmark$	10						
HPS-2425235075	2.4	2300	25	0.41	Oval	$\checkmark$	10						
HPS-2432235075	2.4	2300	32	0.41	Oval	$\checkmark$	10						
HPS-2410235076	2.4	2300	10	0.3	Shield	$\checkmark$	10						
HPS-2415235076	2.4	2300	15	0.3	Shield	$\checkmark$	10						
HPS-2415235079	2.4	2300	15	0.3	Crescent		10						
HPS-2425235079	2.4	2300	25	0.3	Crescent		10						
HPS-2415235078	2.4	2300	15	0.43	Round	$\checkmark$	10						
HPS-2425235078	2.4	2300	25	0.43	Round	$\checkmark$	10						

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## **Key Characteristics**

ScopeSnares are available in both hot and cold options to suit the particular procedure or lesion

### Sterile, disposable, and single-use

**Rotatable:** both the ScopeSnares (Hot & Cold) have a rotatable model, designed to provide ease of use and accuracy of placement

Braided round model: designed to increase friction on the mucosa to prevent slippage

## **HEMOSTASIS**

Hemoclips

**Injection Needles** 



# **Scope**Clip

## Hemoclip

## Designed to optimise usability and performance







## **Key Characteristics**

Indicated for clip placement in the digestive tract for the purpose of mechanical pressure treatment of bleeding of small arteries and pulsation

**Rotatable:** designed for better maneuverability and positioning

Short distal end: to facilitate the progression of the clip through the working channel

**Repositionable:** ability to open and close the clamp for precise positioning

Removable: if necessary (the clip is incorrectly positioned, or the clip does not easily detach from the tissues), the clip can be reopened and removed with a polypectomy snare

#### **Discover more:**



ScopeClip - Single-use Hemoclip												
	Ca	atheter			Clip			Box				
Reference	Ø (mm)	Length (mm)	Span (mm)	Angle (°)	Rotatable	Repositionable	Removable	QTY				
HC-23091355108	2.6	2300	9	135	$\checkmark$	$\checkmark$	$\checkmark$	10				
HC-23111355104	2.6	2300	11	135	$\checkmark$	$\checkmark$	$\checkmark$	10				
HC-231313551018	2.6	2300	13	135	$\checkmark$	$\checkmark$	$\checkmark$	10				
HC-231613551044	2.6	2300	16	135	$\checkmark$	$\checkmark$	$\checkmark$	10				

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## **Key Characteristics**

## Intended for endoscopic injection into GI mucosa

#### **Scope Inject:**

**Ergonomic handle:** designed to be operated with one hand

**Designed for safety:** keeps the needle in "extended" and "retracted" position

**Transparent sheath** to visualise any movement of the needle

### Additional features of ScopeInject Plus:

**Coated:** intended to cause less friction and to prevent kinking

**Metal end:** designed for easy deployment through the channel

ScopeInject					
	С	atheter	N	_ Box	
Reference	Ø (mm)	Length (mm)	Ø Gauge	Length (mm)	QTY
IN-241621045081	2.4	1600	21	4	10
IN-241623045082	2.4	1600	23	4	10
IN-241625045083	2.4	1600	25	4	10
IN-242321045081	2.4	2300	21	4	10
IN-242323045082	2.4	2300	23	4	10
IN-242325045083	2.4	2300	25	4	10

ScopeInject Plus											
		C	atheter	Ν	Needle						
	Reference	Ø (mm)	Length (mm)	Ø Gauge	Length (mm)	QTY					
	IN-2416-2304M-5313	2.4	1600	23	4	10					
	IN-2416-2504M-5313	2.4	1600	25	4	10					
	IN-2423-2304M-5313	2.4	2300	23	4	10					
	IN-2423-2504M-5313	2.4	2300	25	4	10					

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# ScopeInject

Designed for usability with configurations best suited for the clinical need

Sharp needle, strong puncture force Variable gauge and needle lengths Sterile and single use



**Discover more:** 





## **Disposable Grasping Forceps**

### **Key Characteristics**

Used to enter human respiratory tract, stomach or GI tract through flexible endoscopy to grasp tissue, stones, stents or foreign bodies

Four-link design: for stronger gripping force

Serrated tooth design: a deploy-andgrasp action, with a rat tooth design and serrated jaw to secure small objects

Pantograph type opening mechanism: designed to allow extraction even in angulated endoscopes

Rotatable model: to facilitate the positioning of the forceps on the foreign body to be extracted

### ScopeGrasp | Disposable Grasp

Part Number
GF-18075032
GF-18165032
GF-18235032
GF-23235033
GF-23235039
GF-18125033
GF-18185033
GF-23235031
GF-232350310

## RETRIEVAL

**Biopsy Forceps Grasping Retrieval Forceps** 



**Discover more:** 

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## **Scope**Grasp

## **Different shapes and consistencies, for** digestive and bronchial endoscopy

Four-link design Three models available Sterile and single use

V			June of			
rasp	oing Fo	rceps				
	Catheter		Jaw	/s		Вох
	@ (mm)	(mm)	Туре	Span (mm)	Rotatable	QTY
	1.8	700	Rat Tooth	4.6		10
	1.8	1600	Rat Tooth	4.6		10
	1.8	2300	Rat Tooth	4.6		10
	2.3	2300	Alligator / Rat Tooth	8.3		10

Ca	theter	leter Jaws					
Ø (mm)	Length (mm)	Туре	Span (mm)	Rotatable	Box QTY		
1.8	700	Rat Tooth	4.6		10		
1.8	1600	Rat Tooth	4.6		10		
1.8	2300	Rat Tooth	4.6		10		
2.3	2300	Alligator / Rat Tooth	8.3		10		
2.3	2300	Alligator / Rat Tooth	8.3	$\checkmark$	5		
1.8	1200	Alligator / Rat Tooth	8.5		10		
1.8	1800	Alligator / Rat Tooth	8.5		10		
2.3	2300	Alligator	8.7		10		
2.3	2300	Alligator / Rat Tooth	15		10		



# **Scope**Bite (Standard)

## **Digestive Biopsy Forceps**

# **Scope**Bite (Large Capacity)

## A diverse portfolio to optimise the tissue sample, even in hard-to-reach areas

Coated Smooth/toothed cup design Tooth and spiked jaw options



### **Key Characteristics**

Used to enter human GI tract via flexible endoscope to obtain tissue samples

> Coated: for less friction and to prevent kinking

**Toothed:** to give greater security in helping to secure the tissue sample

**Spiked:** to provide a stronger hold to help secure the tissue sample

#### **Discover more:**



ScopeBite - Biopsy forceps (standard model)													
						- Pov							
Reference	Ø (mm)	Length (mm)	Markers	Jaw Opening (mm)	Spiked	Jaws	Withdrawal Volume (mm³)	QTY					
GBF-18165011	1.8	1600	Yes	5		Smooth	2.1	10					
GBF-181650123	1.8	1600	Yes	5.6		Toothed	2.6	10					
GBF-23165013	2.3	1600	Yes	6.8		Toothed	5.9	10					
GBF-23235013	2.3	2300	Yes	6.8		Toothed	5.9	10					
GBF-23165014	2.3	1600	Yes	6.8	$\checkmark$	Toothed	5.9	10					
GBF-23235014	2.3	2300	Yes	6.8	$\checkmark$	Toothed	5.9	10					
GBF-23165011	2.3	1600	Yes	7		Smooth	5.9	10					
GBF-23235011	2.3	2300	Yes	7		Smooth	5.9	10					
GBF-23165012	2.3	1600	Yes	7	$\checkmark$	Smooth	5.9	10					
GBE-23235012	2.3	2300	Yes	7	$\checkmark$	Smooth	5.9	10					

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### **Key Characteristics**

via flexible endoscope to

obtain tissue samples

Used to enter human GI tract

Swinging Cup: vertical biopsy can be performed for oesophagus, greater curvature of the stomach and other areas

Large capacity cup with holes: to increase sampling volume

Catheter markers: provides distinct catheter position markers for visibility during insertion and withdrawal

ScopeBite - Biopsy forceps with pivoting jaws (large capacity)											
	Catheter Jaws								Dav		
Reference	Ø (mm)	Length (mm)	Markers	Jaw Opening (mm)	Spiked	Jaws	Large Capacity	Withdrawal Volume (mm³)	вох QTY		
GBF-18165021	1.8	160	Yes	5.6		Smooth		2.6	10		
GBF-18165023	1.8	160	Yes	5.6		Toothed	$\checkmark$	2.6	10		
GBF-23165023	2.3	160	Yes	8		Toothed		7.9	10		
GBF-23235023	2.3	230	Yes	8		Toothed	$\checkmark$	7.9	10		
GBF- 23165024	2.3	160	Yes	8	$\checkmark$	Toothed	$\checkmark$	7.9	10		
GBF-23235024	2.3	230	Yes	8	$\checkmark$	Toothed	$\checkmark$	7.9	10		
GBF-23165021	2.3	160	Yes	8		Smooth	$\checkmark$	7.9	10		
GBF-23235021	2.3	230	Yes	8		Smooth	$\checkmark$	7.9	10		
GBF-23165022	2.3	160	Yes	8	$\checkmark$	Smooth	$\checkmark$	7.9	10		
GBF-23235022	2.3	230	Yes	8	$\checkmark$	Smooth	$\checkmark$	7.9	10		

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## **Digestive Biopsy Forceps**

A diverse portfolio to optimise the tissue sample, even in hard-to-reach areas

Coated Large-capacity model with pivoting jaw Swinging cup

Tooth and spiked jaw options

#### **Discover more:**





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