



Speedboat™
UltraSlim



SpydrBlade™
Flex



Speedboat™
Notch

Advanced Energy Dissection

Endoscopic Devices for the GI Tract



Anything is Possible
with the Right Approach



**CREO
MEDICAL**

Introduction

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



Patients
With improved treatment options, focused on enhancing quality of life



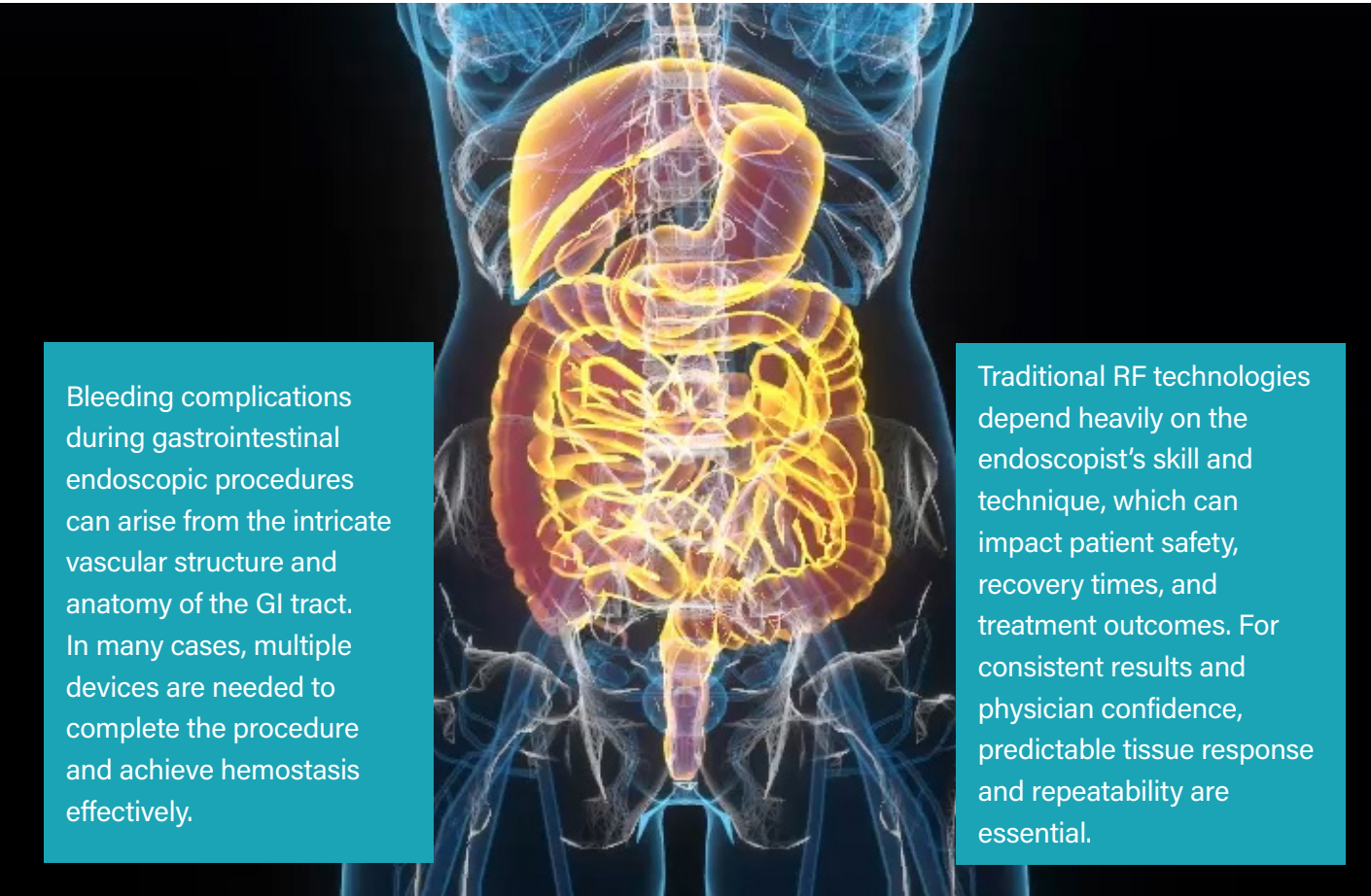
Healthcare Professionals
With access to advanced technology and techniques



Patients
With optimised patient pathways and efficiency

Clinical Applications

The CROMA Advanced Energy Platform and advanced energy devices can be used for a full range of clinical applications within the GI tract.



CROMA - Powered by Kamaptive Technology

Our groundbreaking Kamaptive™ Technology is designed to elevate patient outcomes by integrating laparoscopic precision into therapeutic endoscopy.

At the core is the CROMA energy platform, powered by the full electromagnetic spectrum to deliver unique performance and versatility. Kamaptive enables advanced control, energy optimisation, and enhanced usability—empowering clinicians with the precision and confidence that they need.

Adaptive Bipolar Energy: Smarter, precise dissection

Lower Voltage for Safer Delivery

- By reducing the voltage, energy travels a shorter, more controlled path - minimising the risk of unintended tissue damage and improving patient safety.

Adaptive Tissue Technology with Continuous Energy Monitoring

- Delivers precise energy tailored to tissue needs in real time. Energy is only applied as needed - every step of the way - ensuring optimal control and efficiency throughout the procedure.

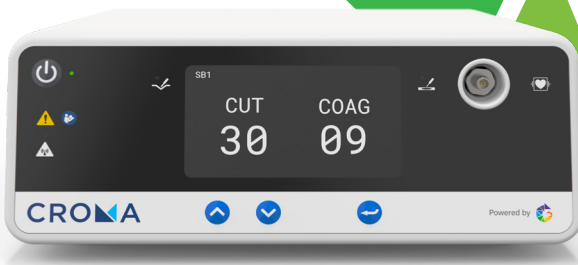
Super High Frequency Microwave Coagulation: Safer & controlled energy

Lower Voltage for Safer Delivery

- A shorter energy pathway reduces the risk of unintended tissue effects, ensuring safer and more controlled coagulation.

Microwave Energy at 5.8GHz

- This advanced frequency enables deep, consistent energy penetration with minimal interference from tissue resistance - delivering reliable, precise coagulation with every use.



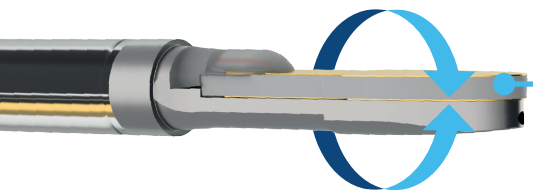
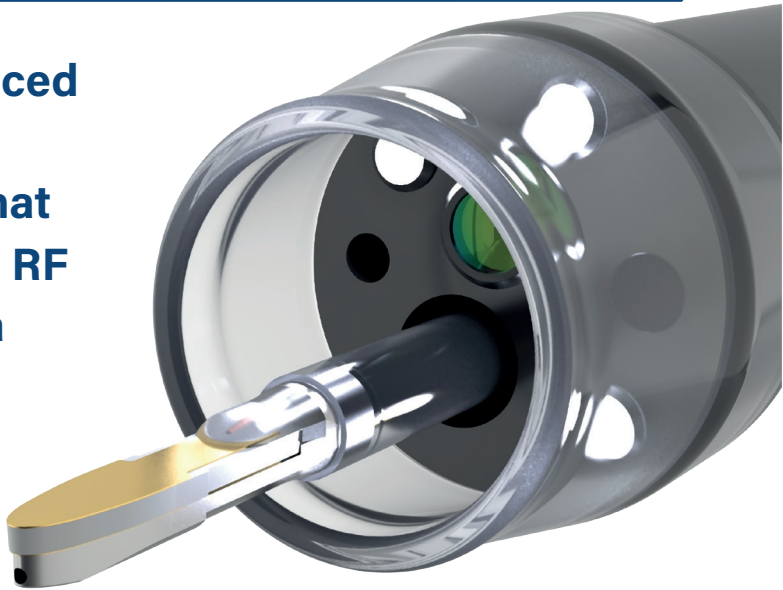
"We're missing this energy platform and I think it has much more potential; way beyond even a single ESD device"

Dr. Petros C. Benias Northwell Health - LIJ Medical Center, USA

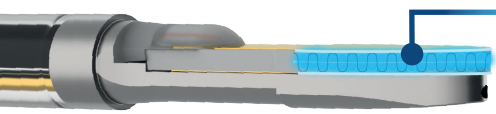


Speedboat Technology

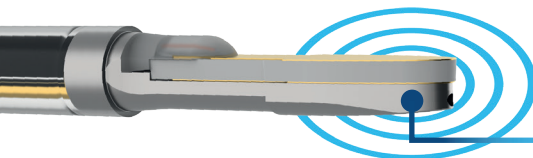
Our Speedboat devices are Advanced Energy multi-modal instruments, designed for flexible endoscopy that can deliver both advanced bipolar RF and SHF microwave energy from a single device.



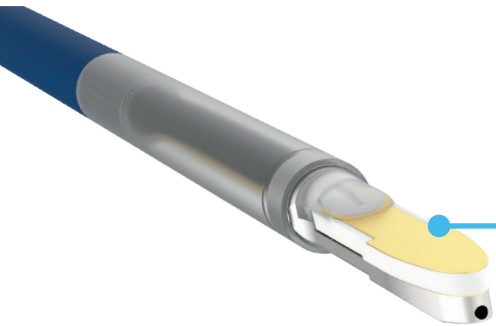
1-to-1 rotational feel
Enabling predictable rotation for precise control, ensures the tip can be positioned to match the contour of the muscle bed at all stages of submucosal dissection.



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. Adjusts voltage/current based on tissue impedance automatically to maintain power density for a smooth, high quality and precise cut.



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 perforation and charring.



Integrated Lifting System & Protective Hull
Integrated lifting system provides rapid tissue lift during dissection and the protective hull allows close cutting to the muscle bed, while protecting it from unwanted thermal injury.



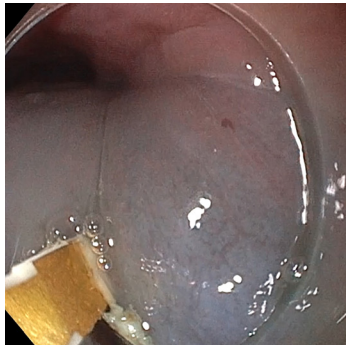
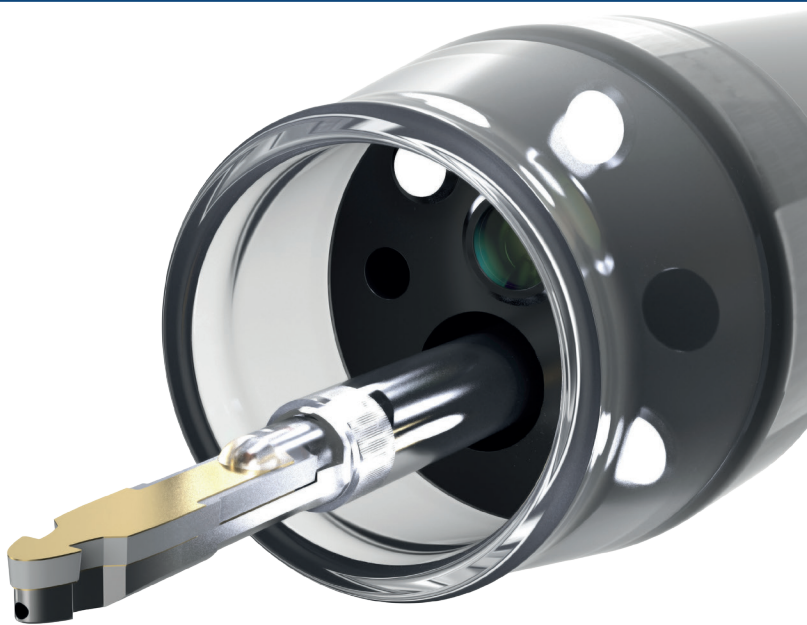
For access to the Clinical Resources Bibliography where you will find published data and Clinical Case Studies, please scan the QR Code.

Speedboat Technology

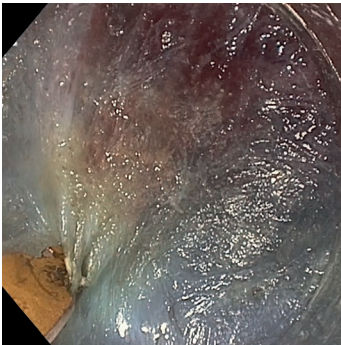


Speedboat Notch provides the same innovative functionality as the Speedboat UltraSlim with additional unique key features:

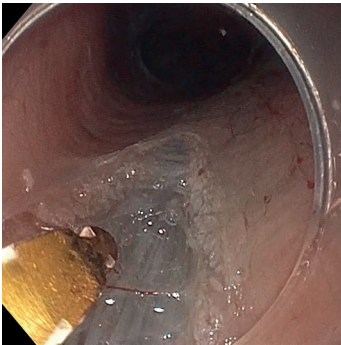
- Advanced tissue traction provides **precision and control**
- Precise tissue dissection provides **controlled cutting capability**
- Innovative notch tip design for **depth perception**, engineered to provide **safe dissection and coagulation** for haemostasis



Precise Tissue Dissection



Advanced Tissue Traction



Innovative Notch Tip Design for Depth Perception



"Speedboat UltraSlim has been a gamechanger for the treatment of patients requiring a circumferential ESD in the oesophagus".
Dr Adolfo Parra-Blanco, Nottingham University Hospitals NHS Trust, UK

"Finally I got the product I was waiting for, and I want the world to know!"
Dr Sergei Vosko, Hadassah Medical Center, Israel



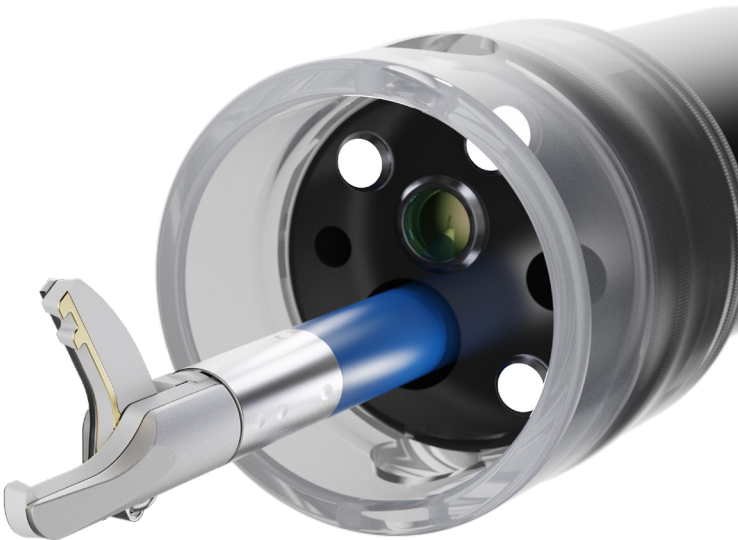
SpydrBlade Flex: Versatility



The most versatile dissection tool in flexible endoscopy

The SpydrBlade™ Flex is a unique multi-modal endoscopic device designed for precision and adaptability in endoscopic procedures.

It integrates CROMA's innovative advanced bipolar RF cutting technology with super high-frequency (SHF) 5.8GHz microwave coagulation.

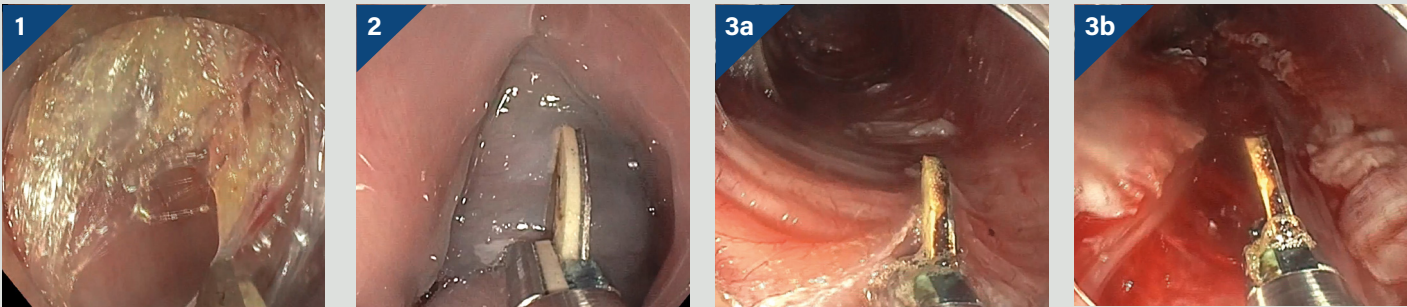


Precise advanced bipolar RF cutting

Advanced bipolar energy allows for the cut to be performed with the jaws **opened, closed or through the tip**

Open or "glide" cut	Snip Cut	Tip Cut or Hooking	Rotatable

The blade design controls the depth of penetration and provides a focused pathway of energy delivery at lower voltage <460 V. The voltage/current is adjusted based on tissue impedance automatically to maintain power density for a smooth, effective and precise cut.

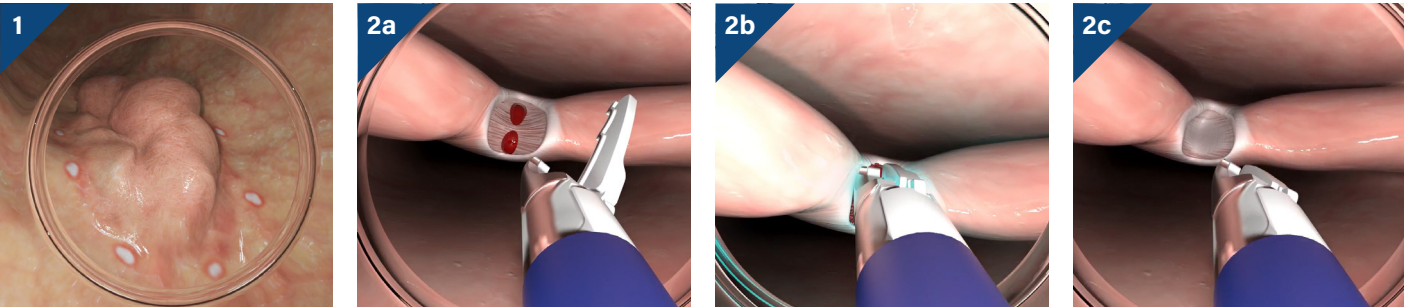


Images: 1. Tip Cut 2. Open/Close cut (Snip) 3a/b. Open Cut

SpydrBlade Flex: Precision

Controlled SHF microwave coagulation

Microwave energy is delivered through both jaws allowing for application of energy **between the jaws or through the distal end.**



Images: 1. Tissue marking with coagulation through the tip 2a-c. Coagulation through the jaw closed

Closed Jaw Coagulation	Tip Coagulation	Open Jaw Coagulation	Protective Hull

Minor technical modifications simplify the Z-POEM technique, and the incorporation of bipolar technology reduces the risk of complications and can be used in patients with implantable devices. This approach could make the Z-POEM technique more accessible to endoscopists with less experience in third-space endoscopic procedures.^{7*}

First author: Dr. Eduardo Albéniz, Hospital Universitario de Navarra (HUN), Spain.



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**Always refer to the IFU before using with a patient with an implantable device*



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Product Specifications

Specification	Speedboat UltraSlim		Speedboat Notch		SpydrBlade Flex
	Long	Short	Long	Short	
Product Reference	PRD-SB1-001	PRD-SB1-002	PRD-SB1-003	PRD-SB1-004	PRD-RG1-001
Min. Scope Channel Size	2.8 mm		2.8 mm		3.2 mm
Max Catheter Size	2.4 mm		2.4 mm		2.7 mm
Working Length / Full Length	1.9 m / 2.3 m	1.25 m / 2.3 m	1.9 m / 2.3 m	1.25 m / 2.3 m	1.8 m / 1.8 m
Advanced Bipolar RF (Cut)	15 - 35 Watts		15 - 35 Watts		15 - 35 Watts
Super High Frequency Microwave (Coag)	08 - 10 Watts		08 - 10 Watts		10 Watts

References

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3. A new approach to endoscopic submucosal tunneling dissection: the "Speedboat-RS2" device. Zacharias P. Tsiamoulos et al. published in Endoscopy. <https://www.thieme-connect.de/products/ejournals/html/10.1055/a-0875-3352>
4. Endoscopic submucosal tunneling dissection: use of a novel bipolar radiofrequency and microwave-powered device for colorectal endoscopic submucosal dissection. Thomas R. McCarty, Hiroyuki Aihara. Published in Video GIE, official video journal of the American Society of Gastrointestinal Endoscopy. [https://www.videogie.org/article/S2468-4481\(20\)30090-4/fulltext](https://www.videogie.org/article/S2468-4481(20)30090-4/fulltext)
5. Tsiamoulos et al. First results using Speedboat Tunnelling technique in colorectal submucosal dissection – clinical outcomes and procedure time prediction models. Poster presented at UEG 2020. <https://ueg.eu/library/first-results-using-speedboat-tunnelling-technique-in-colorectal-submucosal-dissection-clinical-outcomesandprocedure-time-prediction-models/240928>
6. Cost-effectiveness analysis of Speedboat submucosal dissection in the management of large non-pedunculated colorectal polyps, based on 50 patients. Authors: Amir Ansari pour, Mehdi Javanbakht, Adam Reynolds, Zacharias Tsiamoulos. Data on file.
7. Simplified Zenker's diverticulum endoscopic myotomy performed with a new bipolar scissor device. Eduardo Albéniz et al. Published in Endoscopy; 2025 Jul 1;57(Suppl 1):E682–E683. <https://pmc.ncbi.nlm.nih.gov/articles/PMC12213111/>

Visit: www.creomedical.com for more information

Creo Medical Ltd.

Unit 2, Creo House
Beaufort Park Way
Chepstow
NP16 5UH, UK
+44 (0) 1291 637 300
customerservice@creomedical.com

Creo Medical Inc.

100 Reserve Road
Suite B400
Danbury,
CT 06810, USA
+1 866-226-1170
UScustomerservice@creomedical.com

Creo Medical Pte Ltd,
8 Commonwealth Lane

#04-03C
Singapore, 149555
Customer Service
+1 866-226-1170
customerservice@creomedical.com



@Creo.Medical



@Creo.Medical



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