



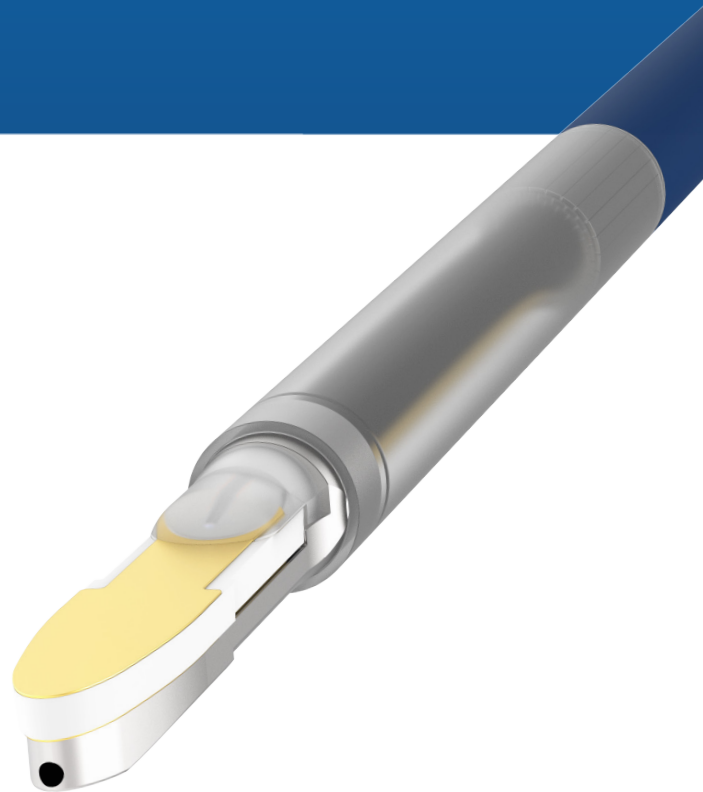
# Speedboat™ UltraSlim

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



Slimmer. *Faster.* Smaller.

**2.8mm**  
scope channel  
compatibility



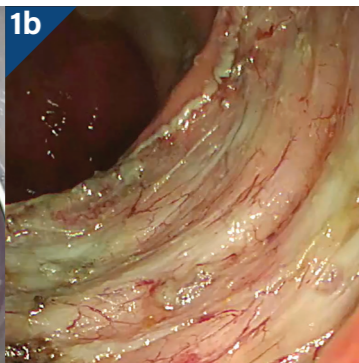
**Anything is Possible**  
with the Right Approach



# CROMA Advanced Energy Platform

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:

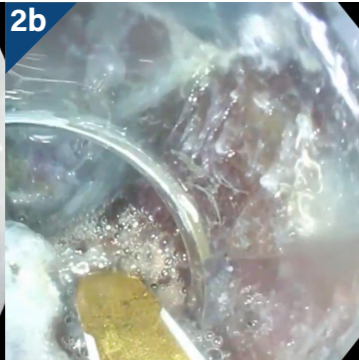
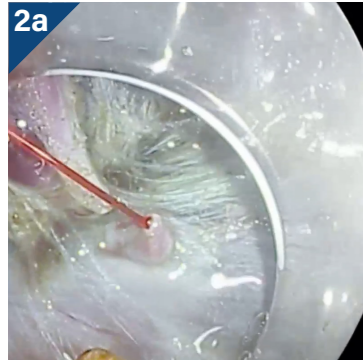
- A unique **usability and safety profile**<sup>1-6</sup>
- Optimal **tissue effect**<sup>1-6</sup>
- Improved **clinical and economic outcomes**<sup>6</sup>
- **Expanded capabilities** in therapeutic endoscopy



## Advanced Bipolar RF

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

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



## SHF Microwave

Enables on-demand, reproducible effects for both ablations and hemostasis<sup>1</sup>

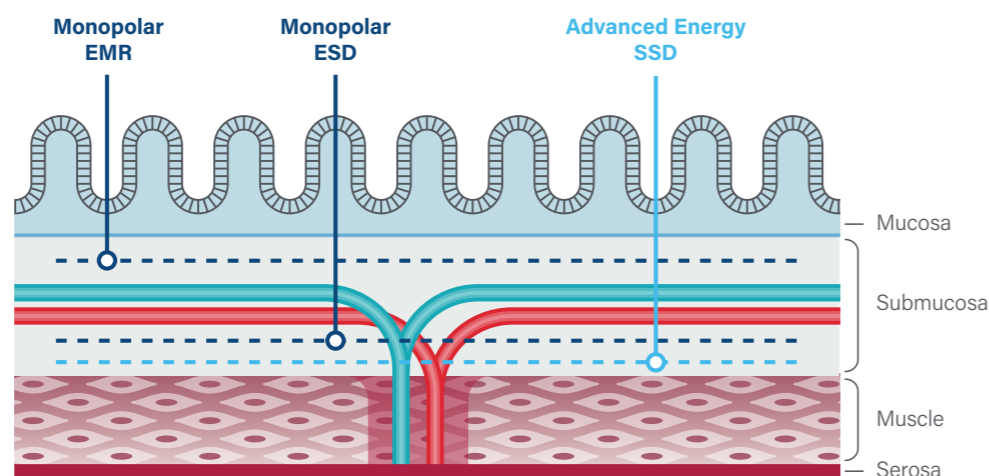
- Super high frequency (5.8 GHz)
- Precise control of the thermal energy and depth of penetration

### Images (top)

- 1a. Cut fibrotic tissue
- 1b. Uncharred margins and muscle 'bed'
- 2a. Active bleeding
- 2b. Large vessels

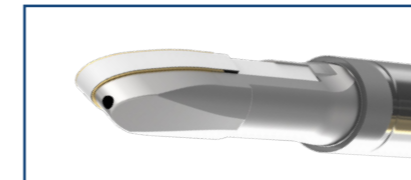
### Image (right)

GI tract layers



# Speedboat UltraSlim: Features & Benefits

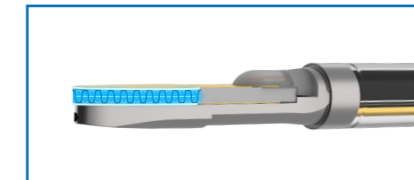
Speedboat UltraSlim is our slimmest Advanced Energy multi-modal instrument designed for flexible endoscopy that can deliver both advanced bipolar RF and SHF microwave energy from a single device.



## Integrated lifting system & Protective Hull

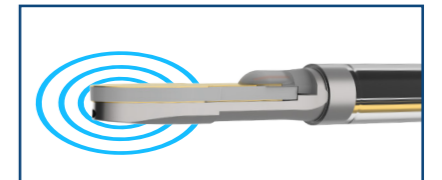
Compatible with both endoscopic pumps and syringes, the integrated system provides rapid tissue lifts during dissections.

Protects the muscle bed from unwanted thermal injury by maintaining a constant 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. 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 perforations and charring<sup>1</sup>

# 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



**Speedboat™**  
UltraSlim

## Specifications

Specification	Speedboat UltraSlim
Product Reference	PRD-SB1-001
Min. Scope Channel Size	2.8mm
Max Catheter Size	2.35mm
Working Length / Full Length	1.9m / 2.3m
Advanced Bipolar RF (Cut)	25 -35 Watts
Super High Frequency Microwave (Coag)	06 - 10 Watts

Visit: [www.creomedical.com](http://www.creomedical.com) for more information

## References

1. Data on file
2. Microwave coagulation of blood vessels during advanced colonoscopic polypectomy: first results in humans. Zacharias P. Tsiamoulos et al. published in United European Gastroenterology Journal; 2016; 2 (Supplement 1). [https://www.giejournal.org/article/S0016-5107\(17\)31361-5/pdf](https://www.giejournal.org/article/S0016-5107(17)31361-5/pdf)
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 Tunneling 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-tunneling-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 Ansaripour, Mehdi Javanbakht, Adam Reynolds, Zacharias Tsiamoulos. Data on file.

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