Speedboat™ Notch

Multi-modal endoscopic device with advanced tissue traction features

Advanced Energy-powered bipolar RF dissection and SHF microwave coagulation for gastric, oesophageal, duodenal and colonic procedures in the Upper and Lower GI tracts

Anything is Possible
with the Right Approach

CREO MEDICAL

Speedboat Notch: Safety & Stability

Advanced Tissue Traction

Speedboat Notch is engineered with advanced tissue traction, precise tissue dissection, and an innovative notch tip design for depth perception —advancements that provide precise control, improved tissue interaction, and optimal procedural outcomes.

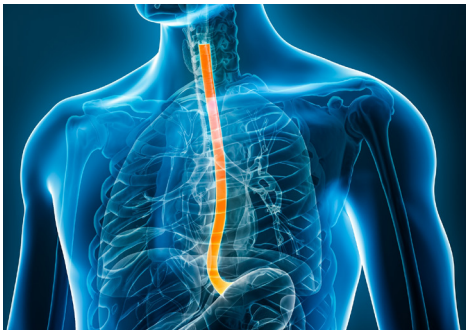
Seamlessly integrating with CROMA advanced bipolar RF cutting technology and super high-frequency (SHF) 5.8GHz microwave coagulation, Speedboat Notch offers a versatile, all-in-one solution for complex tissue resection and efficient haemostasis, for Lower GI, Upper GI Gastric, and Upper GI Esophageal procedures.

Speedboat Notch Features:

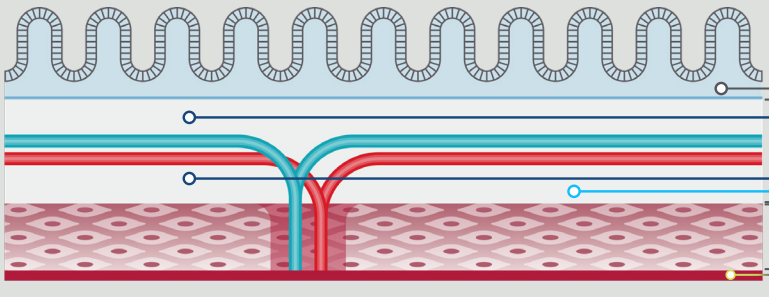
- Advanced tissue traction provides precision and control
- Precise tissue dissection provides controlled cutting capability
- Innovative notch tip design for depth perception, engineered to provide safe dissection and coagulation for haemostasis

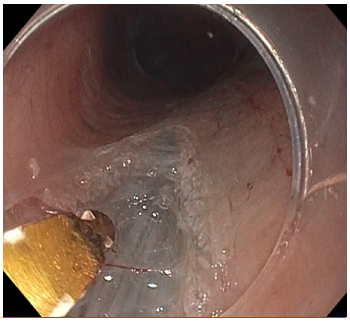
Lower GI

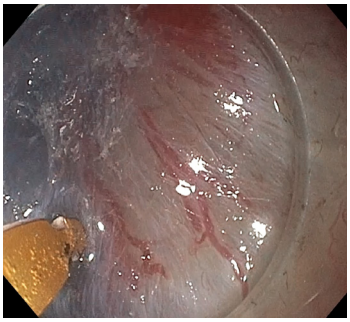
Upper GI Gastric



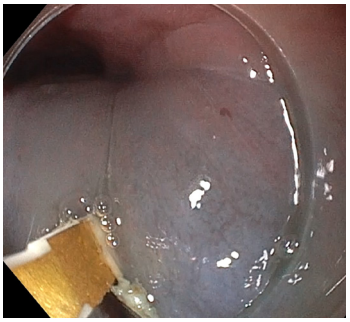
Upper GI Esophageal



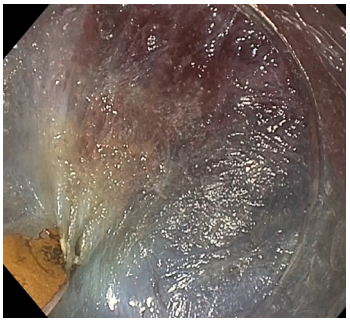




Innovative Notch Tip Design for Depth Perception



Precise Tissue Dissection



Advanced Tissue Traction

Speedboat Notch: Precision & Control

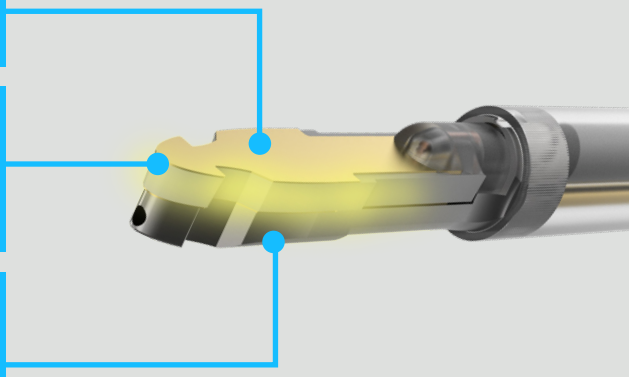
Precise advanced bipolar RF cut

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, high quality and precise cut.

Adaptive waveform automatically adjusts parameters to tissue and **balances coagulation** during cutting to minimise bleeding..

Designed to perform safe, precise, contact cut with **clean margins** to provide **high quality histology** samples and promote healing.

Protective Hull protects the muscle bed from unwanted thermal injury by maintaining a constant distance from the energy source, allowing cutting close to the muscle bed.

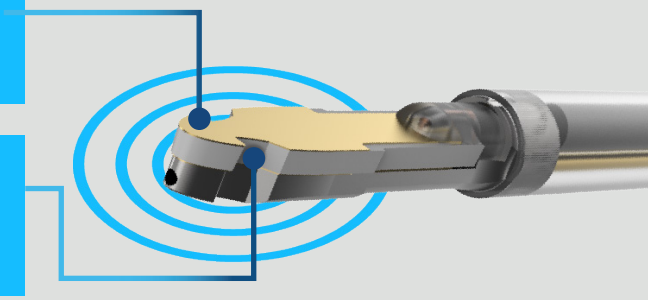


On-demand, controlled SHF microwave coagulation

SHF 5.8 GHz microwave energy distributes heat evenly across the treatment area. The microwave energy is delivered through the tip of the instrument, allowing for application of energy through the distal end.

5.8 GHz Microwave enables **controlled penetration depth,** unaffected by tissue resistance, **reducing the risk of perforation and charring**[1].

Fast delivery of coagulation with controlled spread and depth of penetration to prevent or treat bleeding immediately without changing devices.



CROMA Advanced Energy Platform: The power behind Speedboat Notch

The CROMA Advanced Energy Platform precisely controls **advanced bipolar RF** and **SHF 5.8 GHz microwave** energy to enable a suite of flexible endoscopic devices designed to deliver:

- A unique **usability and safety profile**[1-6]
- Optimal **tissue effect**[1-6]
- Improved **clinical and economic outcomes**[6]
- **Expanded capabilities** in therapeutic endoscopy

Find out more:

Speedboat™ Notch

Specifications

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

Visit: **www.creomedical.com** for more information

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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
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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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