



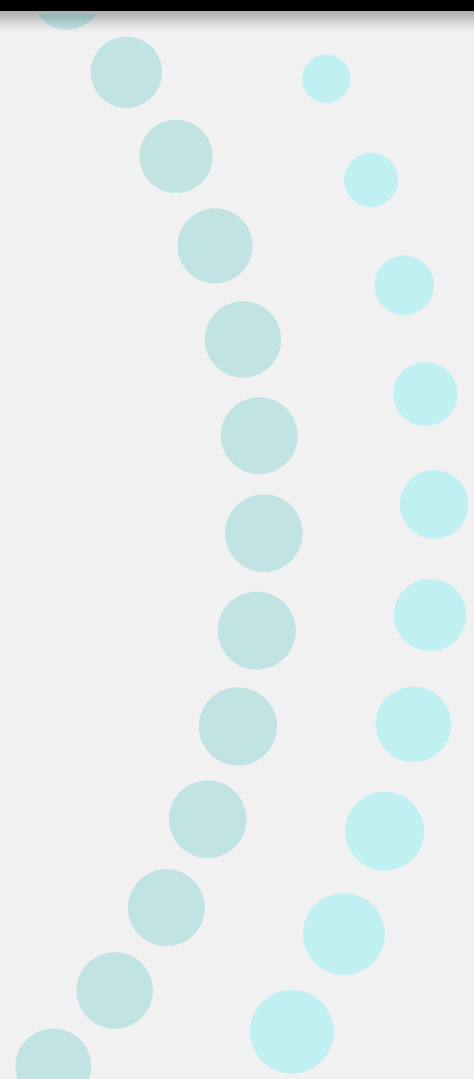
MANTIS™ Clip



Purpose-built for closing large defects¹ in the GI tract.

Achieving efficient, effective defect closure calls for a purpose-built device designed to be unconstrained by limitations of conventional clips.

With the proprietary TruGrip™ anchor prongs, MANTIS Clip (abbreviated as MANTIS) is designed to deliver tissue span and apposition capabilities, enabling a novel, 3-step approach to closing large defects¹, allowing physicians to Anchor, Mobilize, and Close defects less than 3 cm^{2,3}.





First-of its kind

Designed for defect closure MANTIS offers familiar rotation capabilities while giving physicians novel functionality that can eliminate the need to resort to other closure options. MANTIS TruGrip™ anchor prongs enable physicians to perform closure with a three-step approach:

Anchor, Mobilize, Close^{2,3}.



Potential to improve efficiency

MANTIS has the potential to do the job of conventional clips⁴.



Designed to limit slipping

TruGrip™ anchor prongs are designed to allow users to securely grasp healthy tissue, which can limit slippage during mobilization^{2,3}



Precision placement features

Enable faster, more accurate placement through one-to-one physician-controlled rotation⁵



Enable a Novel Approach

Achieve tissue apposition and closure through a the 3-step approach to closing defects: Anchor, Mobilize, Close².





The right placement. The right rotation. **The right device for complete closure.**

You shouldn't have to settle when it comes to placement, rotation and achieving complete closure. Designed to address the stress and strain of positioning and slippage that can be par for the course with conventional clips, the MANTIS three-step Anchor, Mobilize, Close approach offers physicians the ability to dictate the closure approach^{2,5,6}.

Clip-based Functionality

For physicians who are used to conventional clipping, MANTIS is designed to offer a familiar experience with repositionability, staged deployment, tactile feedback, and physician-controlled rotation^{2,5,6}.

MANTIS is engineered to offer a familiar feel and functionality to physicians who are used to conventional clips for apposition and closure².

Precise Placement

The TrueGrip™ anchor prongs allow physicians to choose a directional closure approach independent of lesion shape, size, position, or location².

MANTIS is designed to facilitate physician placement of clips with precision for complete closure while potentially reducing misplaced clips².

Anchor. Mobilize. Close.



The MANTIS three-step Anchor, Mobilize, Close approach allows physicians to dictate the closure approach for a specific lesion less than 3 cm, with minimal slippage^{2,3,6}.

Learning the Anchor, Mobilize, Close closure approach can be as easy as 1-2-3 with virtual and hands-on peer-to-peer training opportunities offered by Boston Scientific.



MANTIS Clip Product Ordering Codes

Order Number:	Description	Working Length (cm)	Minimum Working Channel (mm)	Unit
M00521420	MANTIS Clip	235 cm	2.8 mm	Box 1
M00521421	MANTIS Clip	235 cm	2.8 mm	Box 10
M00521422	MANTIS Clip	235 cm	2.8 mm	Box 20
M00521423	MANTIS Clip	235 cm	2.8 mm	Box 40

- Liaquat, H., Rohn, E., & Rex, D. K. Prophylactic clip closure reduced the risk of delayed postpolypectomy hemorrhage: Experience in 277 clipped large sessile or flat colorectal lesions and 247 control lesions. *Gastrointestinal Endoscopy*, 2013, 77(5), :401-407. <https://doi.org/10.1016/j.gie.2012.10.024>
- Boston Scientific conducted a bench study to gather feedback from 16 paid physicians on the use of commercially representative MANTIS™ Clips on excised porcine stomach model and synthetic tissue model. Data on file. The objective of the study was to evaluate MANTIS Clip's tissue apposition and mobilization design features as compared against Boston Scientific Resolution™ 360 Clips, and other competitive clips. The bench study was performed with minimal training via some preparation in the ex-vivo model. Bench testing results may not necessarily be indicative of clinical performance.
- The pre-clinical testing was performed by BSC. Data on file. Sixteen paid physicians used MANTIS with anchor, mobilize and close approach on porcine model. Pre-clinical study may not necessarily be indicative of clinical performance.
- Boston Scientific conducted a bench study to gather feedback from 16 paid physicians on the use of commercially representative MANTIS™ Clips on excised porcine stomach model and synthetic tissue model. Data on file. The objective of the study was to evaluate MANTIS Clip's tissue apposition and mobilization design features as compared against Boston Scientific Resolution™ 360 Clips, and other competitive clips. The bench study was performed with minimal training via some preparation in the ex-vivo model. Bench testing results may not necessarily be indicative of clinical performance. Each physician conducted one closure per product brand. The data showed that the average time and clip quantity to close the defects when using the MANTIS Clip was less than the combined average time (reduced by 4 mins 45 seconds) and clip quantity (reduced by 4) for the Resolution 360 and other competitive devices. Bench testing results may not necessarily be indicative of clinical performance.
- Wang T, Aihara H, Thompson AC, Schulman AR, Thompson CC, Ryou M. Choosing the right through-the-scope clip: a rigorous comparison of rotatability, whip, open/close precision, and closure strength (with videos). *Gastrointest Endosc*. 2019;89(1):77-86.e1. doi:10.1016/j.gie.2018.07.025. MANTIS is built on the Resolution 360 Clip platform referenced in the study.
- Pohl H, Grimm IS, Moyer MT, et al. Clip Closure Prevents Bleeding After Endoscopic Re-section of Large Colon Polyps in a Randomized Trial. *Gastroenterology*. 2019;157(4):977-978.e3. doi:10.1053/j.gastro.2019.03.019

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