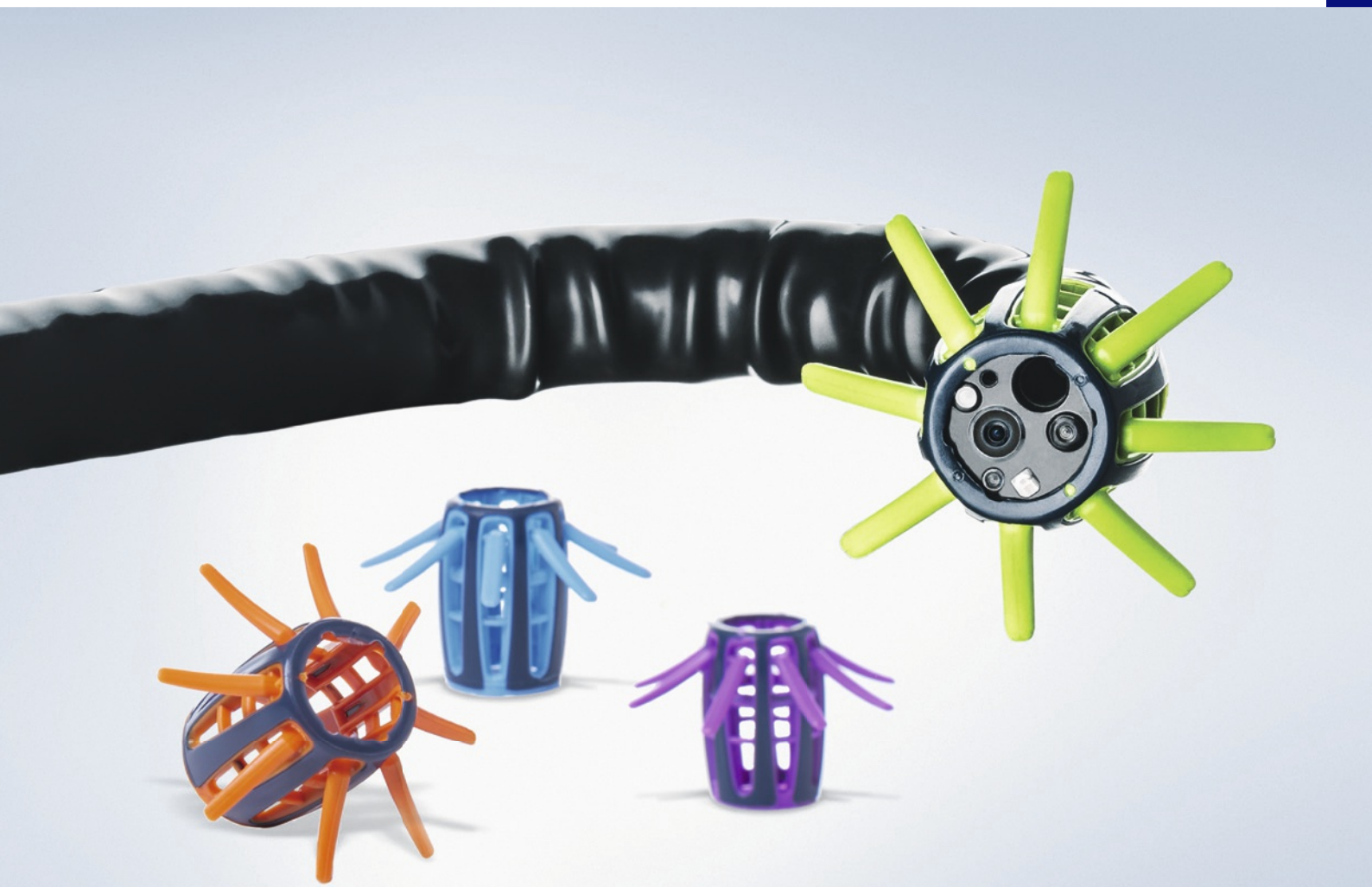
OLYMPUS

EndoTherapy

MECHANICALLY ENHANCED COLONOSCOPY

ENDOCUFF VISION™

Master the Art of Unfolding



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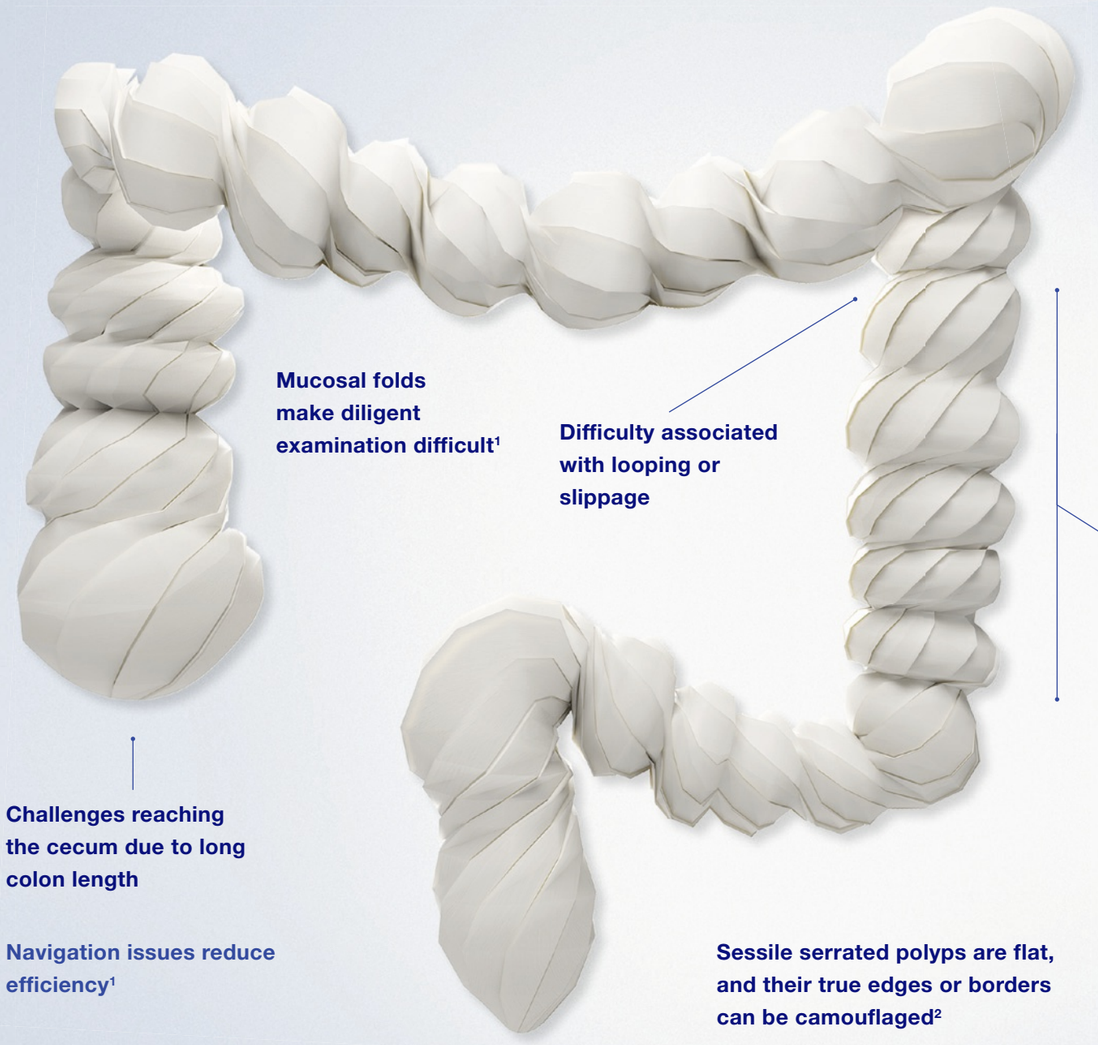
Master the Art of Unfolding

with ENDOCUFF VISION™

The Colon Is Complex

Tortuous anatomy can turn a routine colonoscopy into a series of challenges.



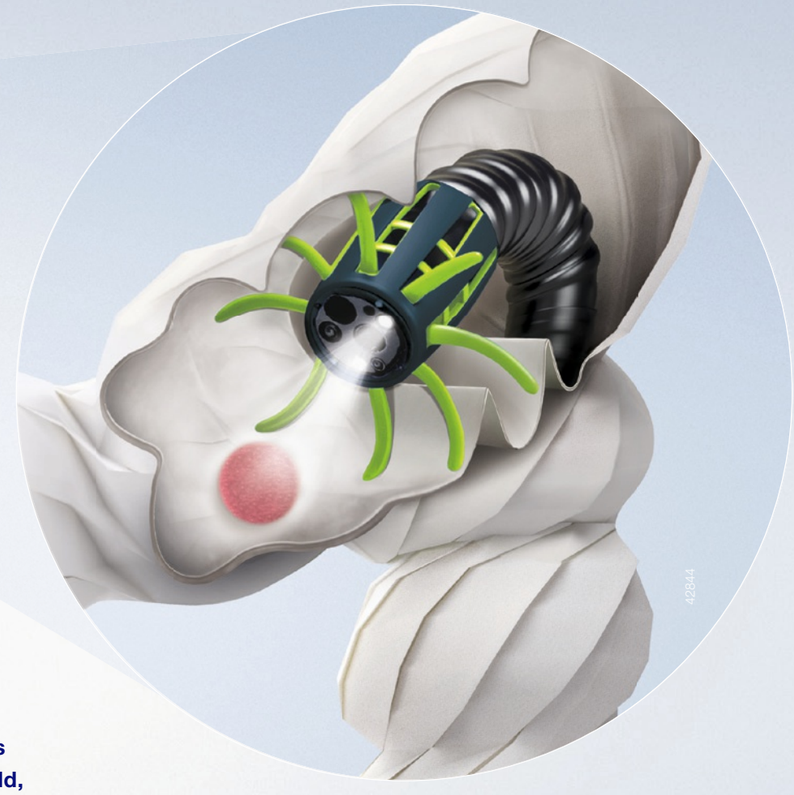
Mucosal folds make diligent examination difficult[1]

Difficulty associated with looping or slippage

Challenges reaching the cecum due to long colon length

Navigation issues reduce efficiency[1]

Sessile serrated polyps are flat, and their true edges or borders can be camouflaged[2]



Most missed adenomas are located behind a fold, and colonic flexures cause blind spots[3, 4]

Increase Your ADR

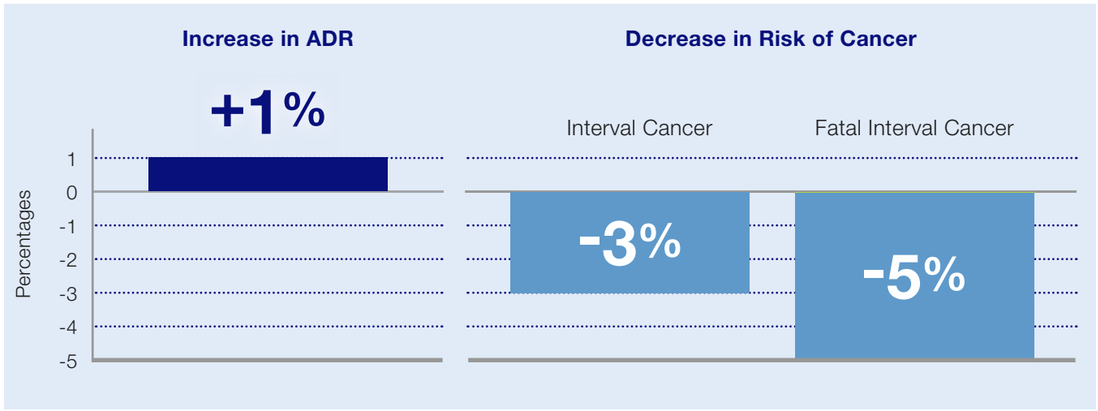
Designed to increase adenoma detection rates (ADR), ENDOCUFF VISION™ maximizes visualization by flattening mucosal folds while helping improve control during colonoscopy.

Detection Means Prevention

Increasing the Adenoma Detection Rate Improves Your Ability to Save Lives

> "ADR is considered the primary measure of the quality of mucosal inspection and the single most important quality measure in colonoscopy."

American Society for Gastrointestinal Endoscopy, Quality Indicators for Colonoscopy 2015[9]



- A 1% increase in ADR results in a 3% decrease in the risk of interval cancer and a 5% decrease in the risk of a fatal interval colorectal cancer[5]
- Increasing ADR not only lowers mortality rates but also reduces treatment costs[6]

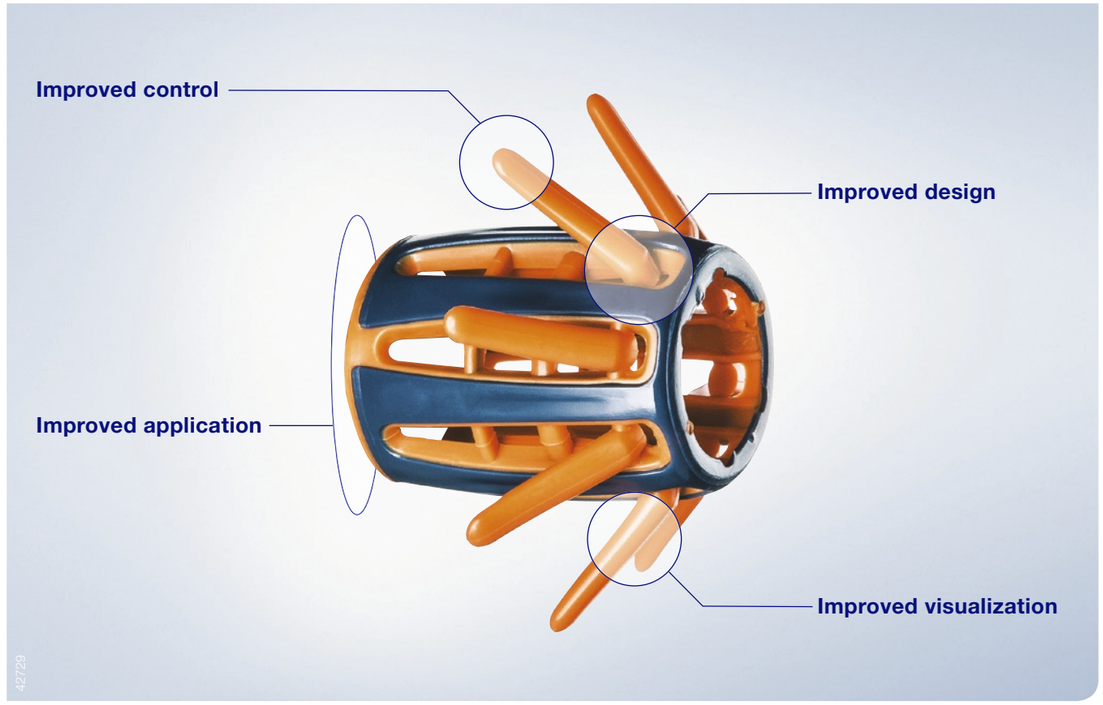
Unseen Adenomas and Polyps Are Causes for Concern

24% **of adenomas are missed with standard colonoscopy[7]**

40% **As many as 40% of polyps go undetected[8]**

Vision Leads to Action

Providing a Better View of the Colon by Flattening Mucosal Folds



Control:
- Anchors endoscope tip in the lumen during examination and polypectomy.
- Reduces slippage and minimizes difficulties associated with looping.

Application:
- Hard plastic body and firm, dry grip on the scope prevent dislodgement and protect distal tip of the colonoscope.
- Hinged arms fit seamlessly into device to create a low-profile design.

Design:
- The proprietary hinged design allows the arms to fall flat against the scope for smooth forward movement during intubation.

Visualization:
- Upon withdrawal, the uniquely hinged arms expand to gently flatten large mucosal folds, bringing difficult to see areas into view.
- Soft, flexible arms provide the right amount of force to be effective without causing mucosal trauma.

Obtain Visible Results

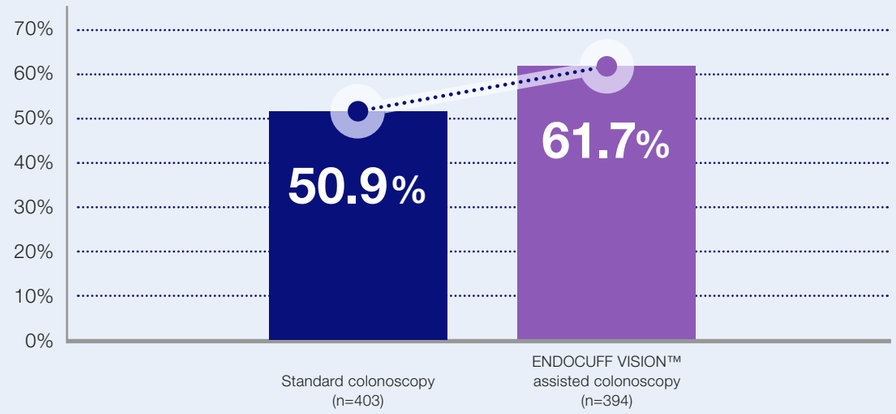
Clinical Studies Show Greater Visibility

Screening Performance Shows Greater Visibility Compared with Standard Colonoscopy in Evaluation Studies

- The use of ENDOCUFF VISION™ resulted in a notable increase in ADR of 10.8%.[10]
- ENDOCUFF VISION™ appeared to improve operator performance without more patient discomfort through shorter procedure times and no requirement for higher sedation.[7]

10.8% **Increase in ADR after use**

Adenoma Detection Comparison (p<0.001)



Lesion Detection Compared with Standard Colonoscopy in the BCSP Population

	Standard Colonoscopy (n=403)	ENDOCUFF VISION™ Assisted Colonoscopy (n=394)	p-Value
Mean Adenomas per Procedure	1.20	1.59	p=0.004
Polyps	63.3%	73.9%	p<0.001
Sessile Serrated Adenomas	1.2%	2.0%	p=0.19
Left Colon Adenomas	32.8%	40.9%	p=0.009
Right Colon Adenomas	38.0%	43.2%	p=0.07
Large Adenomas (>10 mm)	12.4%	13.7%	p=0.29
Small Adenomas (6-9 mm)	10.7%	19.0%	p<0.001
Diminutive Adenomas (≤5 mm)	44.7%	52.0%	p=0.02

Adapted from Ngu et al. 2018.[11]

During intubation, the flexible arms of ENDOCUFF VISION™ slip into the body of the device so that forward movement is not hindered.

The arms open folded bowel for inspection, everting large mucosal folds and providing a clear view of the mucosa that was previously difficult to visualize.

During withdrawal, the flexible arms reduce the risk of sudden slippage, stabilize the scope tip during therapy, and anchor the scope tip during loop reduction.

Order Information

Article Name	Article Number		Description	Compatible Scope(s)	Quantity Units/Box
ARV110	E0420501	42726	ENDOCUFF VISION™ Medium Blue I.D. 11.0	PCF-H190DL/I, CF-H185L/I, CF-Q145L/I, CF-H290L/I, CF-Q260AL/I, CF-Q260DL/I, CF-240AL/I, CF-240DL/I, CF-240L/I	8
ARV120	E0420500	42727	ENDOCUFF VISION™ Large Green I.D. 11.2	CF-HQ190L/I, CF-H190L/I, CF-H180AL/I, CF-Q180AL/I, CF-Q165L/I, CF-Q160AL/I, CF-Q160DL/I, CF-Q160L/I, CF-Q160S, CF-Q140L/I, CF-140L/I, CF-140S, CF-1T140L/I, CF-HQ290L/I, CF-H260AL/I, CF-H260DL/I, CF-H260AZL/I, CF-Q240AL/I, CF-Q240L/I, CF-Q240ZL/I, CF-H170L/I	8
ARV130	E0420502	42728	ENDOCUFF VISION™ Small Purple I.D. 10.4	PCF-H190L/I, PCF-H180AL/I, PCF-Q180AL/I, PCF-160AL/I, PCF-H290L/I, PCF-Q260AL/I, PCF-Q260AZI	8
ARV140	E0420503	42729	ENDOCUFF VISION™ XL Orange I.D. 12.1	CF-H180DL/I	8

www.olympus.eu/et-catalog

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7 Tsiamoulos ZP, Ravi M, et al. Impact of a new distal attachment on colonoscopy performance in an academic screening center. GIE Journal. 2017.
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10 Floer M, Biecker E, Fitzlaff R, et al. Higher Adenoma Detection Rates with Endocuff-Assisted Colonoscopy — A Randomized Controlled Multicenter Trial. PLoS ONE. 2014;9(12):e114267.
11 Ngu WS, Bevan R, Tsiamoulos ZP, et al. Improved Adenoma Detection with Endocuff Vision: The ADENOMA randomized controlled trial. GUT 2018;66:1-9.

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