MECHANICALLY ENHANCED COLONOSCOPY

ENDOCUFF VISION™

Master the Art of Unfolding
Master the Art of Unfolding

with ENDOCUFF VISION™

The Colon Is Complex
Tortuous anatomy can turn a routine colonoscopy into a series of challenges.

- Most missed adenomas are located behind a fold, and colonic flexures cause blind spots.
- Sessile serrated polyps are flat, and their true edges or borders can be camouflaged.
- Mucosal folds make diligent examination difficult.
- Difficulty associated with looping or slippage.
- Challenges reaching the cecum due to long colon length.
- Navigation issues reduce efficiency.

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

Unseen Adenomas and Polyps Are Causes for Concern

- 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.
- Increasing ADR not only lowers mortality rates but also reduces treatment costs.

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.

- 24% of adenomas are missed with standard colonoscopy.
- 40% As many as 40% of polyps go undetected.

- Improved control
- Improved application
- Improved design
- Improved visualization

Increase in ADR | Decrease in Risk of Cancer

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Interval Cancer</th>
<th>Fatal Interval Cancer</th>
</tr>
</thead>
<tbody>
<tr>
<td>+1%</td>
<td>-3%</td>
<td>-5%</td>
</tr>
</tbody>
</table>

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- Increasing ADR not only lowers mortality rates but also reduces treatment costs.
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

Clinical Studies Show Greater Visibility

Lesion Detection Compared with Standard Colonoscopy in the BCSP Population

<table>
<thead>
<tr>
<th></th>
<th>Standard Colonoscopy (n=403)</th>
<th>ENDOCUFF VISION™ Assisted Colonoscopy (n=394)</th>
<th>p-Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mean Adenomas per Procedure</td>
<td>1.20</td>
<td>1.59</td>
<td>p = 0.004</td>
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<tr>
<td>Polyps</td>
<td>63.3%</td>
<td>73.9%</td>
<td>p = 0.001</td>
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<tr>
<td>Sessile Serrated Adenomas</td>
<td>1.2%</td>
<td>2.0%</td>
<td>p = 0.19</td>
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<td>Left Colon Adenomas</td>
<td>32.8%</td>
<td>40.9%</td>
<td>p = 0.009</td>
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<tr>
<td>Right Colon Adenomas</td>
<td>38.0%</td>
<td>43.2%</td>
<td>p = 0.07</td>
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<tr>
<td>Large Adenomas (≥10 mm)</td>
<td>12.4%</td>
<td>15.7%</td>
<td>p = 0.09</td>
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<tr>
<td>Small Adenomas (6-9 mm)</td>
<td>15.7%</td>
<td>19.0%</td>
<td>p = 0.01</td>
</tr>
<tr>
<td>Diminutive Adenomas (≤5 mm)</td>
<td>44.7%</td>
<td>52.0%</td>
<td>p = 0.02</td>
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</tbody>
</table>

Adapted from Ngu et al. 2018.11

References:

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, eveting 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

<table>
<thead>
<tr>
<th>Article Name</th>
<th>Article Number</th>
<th>Description</th>
<th>Compatible Scope(s)</th>
<th>Quantity Units/Box</th>
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<td>ARV130</td>
<td>E0420502</td>
<td>ENDOCUFF VISION™ Small Purple L.D: 10.4</td>
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<td>E0420503</td>
<td>ENDOCUFF VISION™ XL Orange L.D: 12.1</td>
<td>CF-H190DL/I</td>
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References:

www.olympus.eu/et-catalog