OVERVIEW

The Air Assist™ device represents a significant advancement in colonoscopy procedures, offering tangible benefits to both healthcare providers and patients.

FDA Cleared
AirASSIST™
Effortless Distension, Exceptional Outcomes.

by Gastro CONCEPTS

THE CHALLENGE

Air and CO2 escape during colonoscopy often causes the colon to collapse, prolonging procedures and increasing patient risk and costs. Effective methods to maintain colonic distension are lacking. Recent studies show that adequate distension is crucial for improving Adenoma Detection Rates (ADR).[1]

CURRENT METHOD

The two most common methods—manual buttock pressure and patient repositioning—are often ineffective, physically demanding, and distract endo/anesthesia staff from important tasks, increasing the risk of staff injury and patient aspiration.[2]

OUR SOLUTION

The Air Assist™ is a disposable, medical-grade silicon device designed for ease of use. It effectively creates a reversible seal between the colonoscope and the anus or stoma, reducing air escape. This device can be maneuvered by the endoscopist or technician, allowing for immediate, reversible colonic distention on demand. This leads to improved visibility during diagnostic and therapeutic colonoscopy.

- Single Use
- FDA Cleared
- Compatible with scopes sized 9.5 mm to 12.9 mm

FEATURES

- Precise Air Control: Manually regulates air & CO_2 leakage during endoscopy.
- Reversible Seal: Allows on-demand colonic distension.
- Medical-Grade Silicone: For safe, effective use
- Single-Use Design: Ensures hygiene & convenience.

ADVANTAGES

- Efficiency: Maintains colonic distension, reducing procedure time.
- Improved Visibility: Prevents air &CO_2 escape for optimal visualization.
- User-Friendly: Easy to use by endoscopists or technicians
- Less Strain: Reduces need for manual pressure or repositioning.

BENEFITS

- Better Patient Outcomes: Enhances diagnosis & treatment accuracy.
- Higher ADR: Supports early adenoma detection.
- Cost-Effective: Streamlines procedures & reduces complications.
- Safe & Hygienic: Single-use design prevents cross-contamination.

Air Assist™ Product Configuration: 10-unit kit GC-AA-10-K

100-unit case GC-AA-100-C

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MADE IN USA

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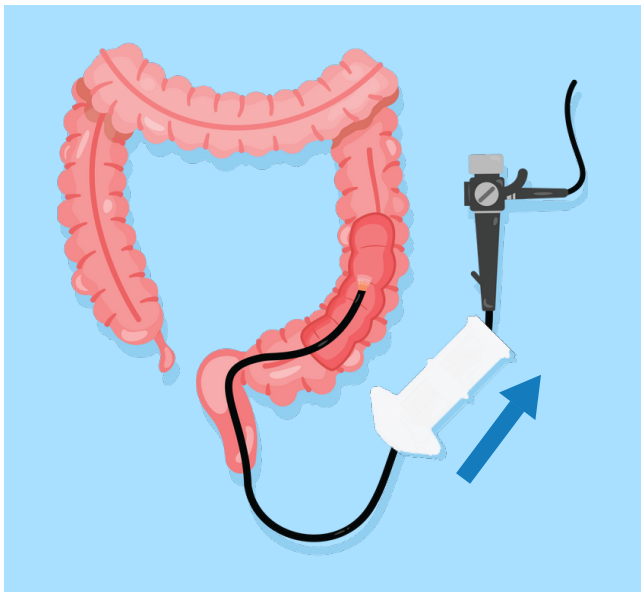
STEP 1.

Lubricate interior wall of device.

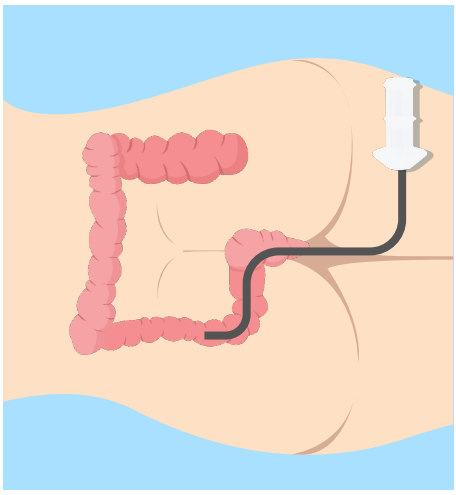
STEP 2.

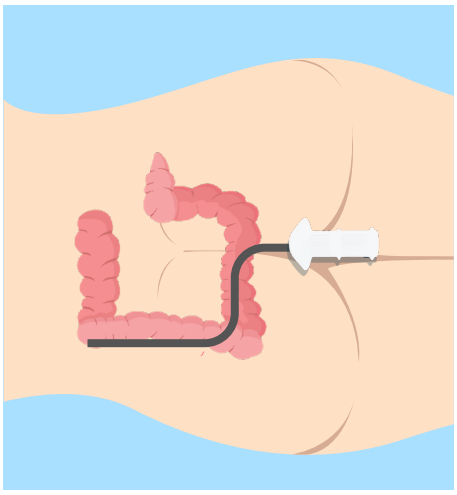
Advance device toward control section.

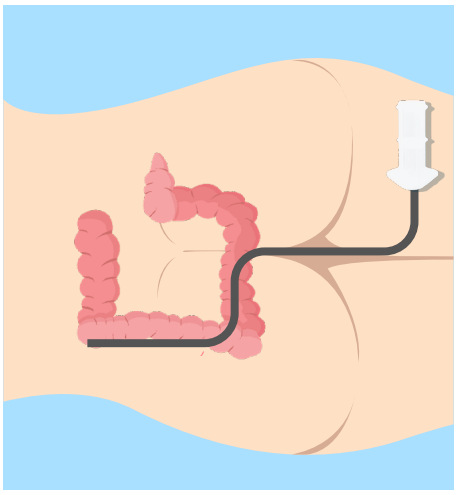


STEP 3.

During colon collapse, move the device back and forth in contact with the anus.







1. Madhoun, M. F., Bader, N., Ali, I., Yohannan, B., Grossen, A., Nadeem, M., Corredine, T. J., & Harty, R. (2023). Factors Associated with Difficulty Maintaining Insufflation of the Colon During Endoscopy. Digestive diseases and sciences, 68(1), 202–207. https://doi.org/10.1007/s10620-022-07592-8

2. Costello, B., James, T., Hall, C., Shergill, A., & Schlossberg, N. (2023). Does Manual Abdominal Pressure During Colonoscopy Put Endoscopy Staff and Patients at Risk? Experiences of Endoscopy Nurses and Technicians. Gastroenterology nursing : the official journal of the Society of Gastroenterology Nurses and Associates, 46(5), 386–392. https://doi.org/10.1097/SGA.0000000000000756

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