COMPUTER-AIDED POLYP DETECTION INCREASES ADR[1]

14%
Absolute increase in ADR

30%
relative increase in ADR

46%
relative increase in APC

50%
greater likelihood to detect multiple polyps

53%
more likely to detect polyps in the distal colon

28%
more likely to detect polyps in the proximal colon

Medtronic
Further, Together

DETECT THE UNDETECTED

GI Genius™ Intelligent Endoscopy Module. Powered by artificial intelligence to help you detect early, treat early.

The GI Genius™ intelligent endoscopy module:

- Detects automatically in real time
- Detects colorectal polyps of all shapes and sizes
- Compatible with all major brands of endoscopic equipment
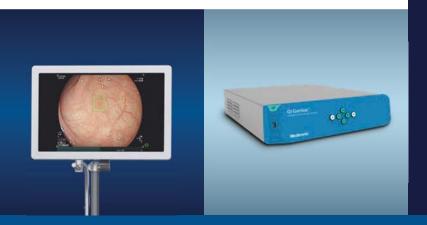- Seamlessly integrates with existing workflow

A recently released randomized trial found computer-aided polyp detection (CADe) increases adenoma detection rates (ADR) versus high-definition (HD) colonoscopy alone. The trial, using colonoscopies performed by expert endoscopists in three Italian centers, found that CADe and HD together delivered a:

- 14% absolute increase in ADR
- 30% relative increase in ADR
- 46% relative increase APC
- 50% greater likelihood to detect multiple polyps
- 53% more likely to detect polyps in the distal colon.
- 28% more likely to detect polyps in the proximal colon

And found no differences in withdrawal times, caecal intubations, and false positive rates.

The GI Genius™ intelligent endoscopy module's AI enhances your ability to detect pre-cancerous polyps. And the difference can add up:

Each 1% increase in ADR decreases patients' risk of CRC by 3%.[2]

Talk to your Medtronic representative to learn more.

medtronic.com/gi

Reference:

1. Repici, A., Badalamenti, M., Maselli, R., Correale, L., Radaelli, F., Rondonotti, E., ... & Anderloni, A. (2020). Efficacy of Real-Time Computer-Aided Detection of Colorectal Neoplasia in a Randomized Trial. Gastroenterology.

2. Corley DA, Jenson CD, Marks AR JR, et al. Adenoma Detection Rate and Risk of Colorectal Cancer and Death. NEJM 2014;370:1298-306.

Medtronic