

# What is artificial intelligence?

Artificial intelligence is defined as a wide-ranging branch of computer science concerned with building smart machines capable of performing tasks that typically require human intelligence.<sup>1</sup>

AI is with us everywhere we turn.



It's your phone unlocking when you hold it to your face<sup>1</sup>



Chatbots answering questions requiring detailed responses<sup>1</sup>



Personalized home feeds on social media platforms<sup>1</sup>



## GI Genius™ colonoscopy –

the first-to-market, artificial intelligence device may help your provider find more polyps

### Talk to your provider

This brochure is intended to supplement the direction and explanations from your provider. It does not replace your provider's care, advice, and specific instructions regarding the preparation for your procedure. Please refer to your provider for more information.

### Indications

GI Genius™ colonoscopy is a computer-assisted reading tool designed to aid endoscopists in detecting colonic mucosal lesions (such as polyps and adenomas) in real time during standard white-light endoscopy examinations of patients undergoing screening and surveillance endoscopic mucosal evaluations. This device is not intended to replace clinical decision making.

### Risk information

- GI Genius™ colonoscopy is intended to be used as an accessory to colonoscopy procedures and is not intended to replace endoscopist assessment or histopathological sampling.
- The system does not perform any diagnosis and is not intended to be used as a stand-alone diagnostic device.
- The device has not been studied in patients with Inflammatory Bowel Disease (IBD), history of Colorectal Cancer, or previous colonic resection. The device performance may be negatively impacted by mucosal irregularities such as background inflammation from certain underlying diseases.
- Use of GI Genius™ colonoscopy during colonoscopy may present risks related to identification of lesions. Risk of identification of a false lesion may result in unnecessary patient treatment; or failure to identify a lesion resulting in delayed patient treatment.
- All medical procedures carry risks. Please refer to your physician for more information about procedure risks related to colonoscopy and those related to GI Genius™ colonoscopy.

### References

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3. American Cancer Society. Colorectal Cancer Early Detection, Diagnosis, and Staging. Atlanta, American Cancer Society; 2020. <https://www.cancer.org/content/dam/CRC/PDF/Public/8606.00.pdf>. Accessed January 2022.
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6. Repici A, Badalamenti M, Maselli R, et al. Efficacy of real-time computer-aided detection of colorectal neoplasia in a randomized trial. *Gastroenterology*. 2020 Aug;159(2):512–520.
7. US Preventive Services Task force. Screening for Colorectal Cancer US Preventive Services Task Force Recommendation Statement. *JAMA*. 2021;325(19):1965–1977.

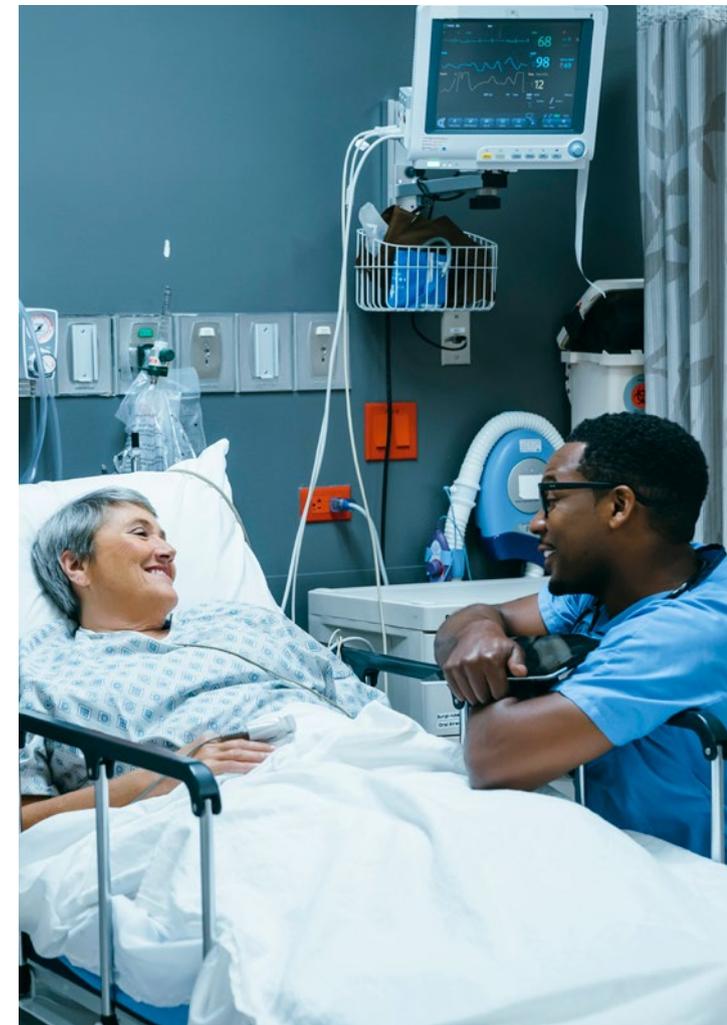
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## Medtronic

GI Genius™ colonoscopy

# Help detect potential signs of colorectal cancer

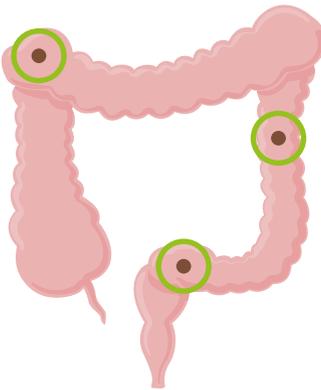


## Why this matters

The American Cancer Society recommends that adults begin **Colorectal Cancer (CRC) screening at age**

**45**<sup>3</sup>

Colorectal cancer usually starts from polyps or other precancerous growths in the rectum or the colon.<sup>2</sup> The goal of a colonoscopy is to **detect and remove these polyps as early as possible.**



Colon cancer is the **2nd deadliest cancer** in the world,<sup>4</sup> however

**90%** of patients with colon cancer will **beat it when caught early**<sup>3</sup>

**Powered by artificial intelligence, GI Genius™ colonoscopy can help your provider detect early and treat early.**

## GI Genius™ colonoscopy

GI Genius™ colonoscopy utilizes artificial intelligence to automatically help your provider detect colorectal polyps that may otherwise be missed during a colonoscopy.<sup>5,6</sup>

The use of the GI Genius™ colonoscopy will not effect the preparation of your procedure, but will provide your provider with an ever-vigilant second observer to better serve you.<sup>6</sup>

Reach out to your provider today to learn more and to schedule your AI-assisted colonoscopy.



## Screening options<sup>3</sup>

### **Colonoscopy:**

For this test, the provider looks at the entire length of the colon and rectum with a colonoscope, a flexible tube about the width of a finger with a light and small video camera on the end.<sup>†,3</sup>

### **Stool Tests:**

Typically carried out at home and needs to be done more often. If the result from one of these stool tests is abnormal, you will need to undergo a colonoscopy.<sup>†,3</sup>

### **Virtual Colonoscopy:**

Uses low dose radiation to scan the colon and rectum, producing images and allowing the provider to look for polyps or cancer within the images.<sup>†,3</sup>

### **Flexible Sigmoidoscopy:**

Similar to a colonoscopy, but the scope is shorter. The provider can only see less than half of the colon and the entire rectum. Sigmoidoscopy may require more testing.<sup>†,3,7</sup>

- Flexible sigmoidoscopy every 5 years.
- Flexible sigmoidoscopy every 10 years + FIT every year.

<sup>†</sup>An abnormal test result should be followed up with a timely colonoscopy.