

Medtronic



A colon exam in a capsule



PillCam™ COLON 2 system

Direct visualisation of the colon through
a minimally invasive procedure



Safety, convenience,
and accuracy – all in
one small capsule.⁵

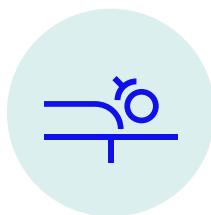
Achieve thorough, clear visualisation of the colon with the PillCam™ COLON 2 system.¹ The advanced technology provides clear images that **support the detection of polyps** – which can progress to colon cancer.³

Peace-of-mind in an accurate diagnosis

PillCam™ COLON capsule endoscopy does not require sedation, radiation exposure, or a stay in the hospital.⁴ **It can help you determine if a colonoscopy is necessary** following your patient's stool test results.⁴



No hospital admission



No sedation



No radiation

Next generation of colon visualisation

The PillCam™ COLON 2 system includes the following components enabling you to perform colon endoscopy, record high-resolution images, and interpret the results.

- PillCam™ software v9
- PillCam™ recorder 3
- PillCam™ COLON 2 capsule
- PillCam™ COLON 2 sensor belt or sensor array, with disposable sleeves

Designed for efficiency

The PillCam™ COLON 2 capsule captures images with enhanced optics supported by two camera heads as it travels through the GI tract.

It features:

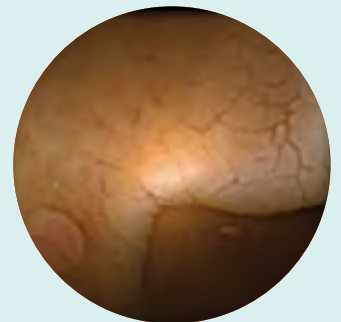
- Extra wide angle of view that allows for **maximum tissue coverage**.¹
- Bi-directional communication between the capsule and recorder via the sensors to collect data, and alert the patient when boosting agents are needed.^{1,2}

Optimum visualisation of colonic mucosa

Adaptive Frame Rate technology improves tissue coverage, giving you greater confidence in the exam. Note that:

- Capsule image rate changes from 4 fps to 35 fps when the capsule is moving quickly.¹
- Increased frame rate flexibility **maximises mucosa coverage** and optimises video length while also conserving battery energy.¹

Images of the colon taken by PillCam Colon 2



Taking lower GI health further, together



Medtronic is proud to partner with physicians, hospitals, and institutions that share our goal of early diagnosis for more patients worldwide.

PillCam™ COLON 2 capsule specifications

Physical	Dimensions	Length: 32.3 mm Diameter: 11.6 mm
	Weight	2.9 g
	Material	Biocompatible plastic
Optical	Number of heads	2
	Illumination	4 white light emitting diodes on each side
	Field of view	172°
Operational	Operating time	Minimum of 10 hours
	Battery type	Silver oxide batteries
	Operating temperature	20-40°C
	Storage temperature	0-25°C
Communication	Operating Frequency	434.1 MHz
	Frame Rate	4 or 35 fps

The PillCam™ COLON 2 capsule is intended to provide visualization of the colon. It may be used for detection of colon polyps in patients after an incomplete optical colonoscopy with adequate preparation, and a complete evaluation of the colon was not technically possible. In addition, it is intended for detection of colon polyps in patients with evidence of gastrointestinal bleeding of lower gastrointestinal (GI) origin. This applies only to patients with major risks for colonoscopy or moderate sedation, but who could tolerate colonoscopy and moderate sedation in the event a clinically significant colon abnormality was identified on capsule endoscopy.

Risk information

The risks of the PillCam™ COLON 2 capsule include capsule retention, aspiration, skin irritation, perforation, obstruction, mucosal injury, and bleeding. The risks associated with colon preparation are allergies or other known contraindications to any preparation agents or medications used for the PillCam™ COLON 2 system regimen, according to laxative medication labeling and per physician discretion. Medical, endoscopic, or surgical intervention may be necessary to address any of these complications, should they occur. After ingesting the PillCam™ COLON 2 capsule, and until the capsule is excreted, patients should not be near any source of powerful electromagnetic fields, such as one created near an MRI device. Please refer to the product user manual for detailed information.

1. Eliakim R, Yassin K, Niv Y, Metzger J, Lachter J, Gal E, et al. Prospective multicenter performance evaluation of the second-generation colon capsule compared with colonoscopy. *Endoscopy*. 2009 Dec;41(12):1026-31.
2. Spada C, Hassan C, Munoz-Navas M, Neuhaus H, Deviere J, Fockens P, et al. Second generation PillCam COLON capsule compared with colonoscopy. *Gastrointest Endosc*. 2011;74(3):581-9.
3. Levin B, Lieberman DA, McFarland B, Smith RA, Brooks D, Andrews KS, Dash C, Giardiello FM, Glick S, Levin TR, Pickhardt P, Rex DK, Thorson A, Winawer SJ; American Cancer Society Colorectal Cancer Advisory Group; US Multi-Society Task Force; American College of Radiology Colon Cancer Committee. Screening and surveillance for the early detection of colorectal cancer and adenomatous polyps, 2008: a joint guideline from the American Cancer Society, the US Multi-Society Task Force on Colorectal Cancer, and the American College of Radiology. *CA Cancer J Clin*. 2008 May-Jun;58(3):130-60. doi: 10.3322/CA.2007.0018. Epub 2008 Mar 5. PMID: 18322143.
4. PillCam™ Capsule Endoscopy User Manual PillCam™ Desktop Software Version 9.0 DOC-2928-03 July 2020
5. SULBARAN, Marianny, et al. Systematic review and meta-analysis of colon capsule endoscopy accuracy for colorectal cancer screening. An alternative during the Covid-19 pandemic?. *Journal of Medical Screening*, 2022, 29.3: 148-155.
6. HOLLERAN, Grainne, et al. Colon capsule endoscopy as possible filter test for colonoscopy selection in a screening population with positive fecal immunology. *Endoscopy*, 2014, 46.06: 473-478.

Important: Always refer to the Instructions For Use (IFU) packaged with the product for complete instructions, indications, contraindications, warnings and precautions

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