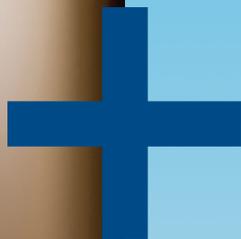
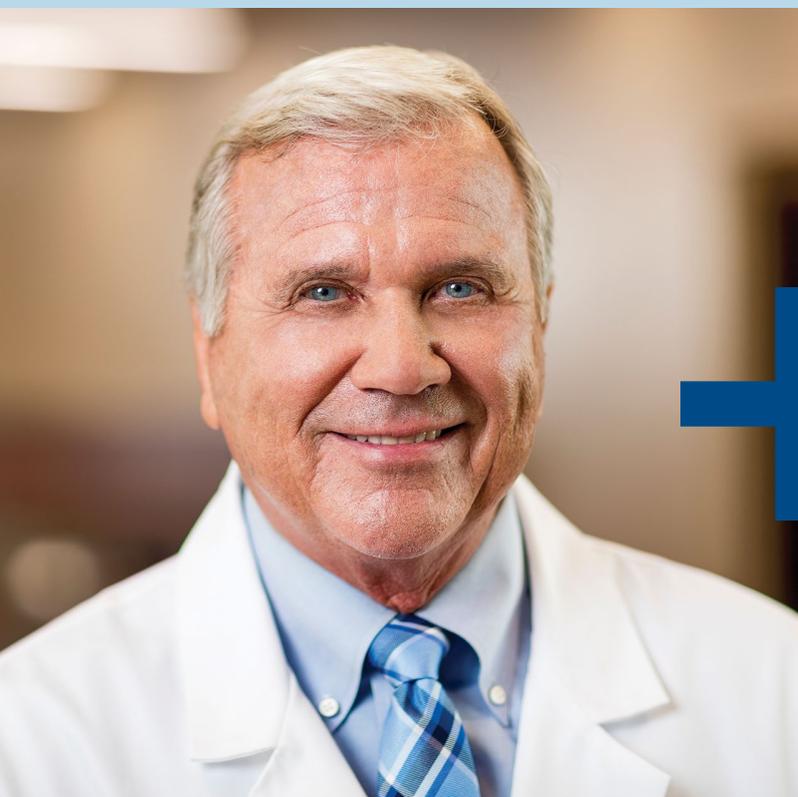


COMPREHENSIVE CROHN'S DISEASE MONITORING. WITH A SINGLE CAPSULE.



The PillCam™ Crohn's System

Pan-intestinal imaging for a pan-intestinal disease

Medtronic
Further, Together

A BREAKTHROUGH IN CROHN'S DISEASE MANAGEMENT

The PillCam™ Crohn's system is an innovative capsule endoscopy solution that allows GIs to **directly and noninvasively visualize Crohn's disease activity in the small bowel and colon**. This technology enables efficient monitoring of mucosal healing or disease progression, and it provides significant advantages over other modalities, including radiology.¹

The Importance of Monitoring the Small Bowel and Colon

Crohn's disease is a chronic disease that leads to structural damage in 88% of patients over a 20-year period.² Over one million people are affected globally, and 70% require surgical intervention.^{3,4}

While it is a serious disease, monitoring mucosal healing can help optimize care. Mucosal healing can lead to fewer surgeries, long-term remission, and fewer hospitalizations⁵—making it a vital part of disease management.



Mucosal inflammation and ulceration visualized with the PillCam™ Crohn's system



Efficient Monitoring

The PillCam™ Crohn's system is the only product that allows GIs to visualize the small bowel and colon with one procedure.

- May support **greater clinical and economic efficiency** by reducing the need for multiple exams with a single modality
- Allows clinics to integrate the latest capsule endoscopy technology with an existing platform **without investing in a separate system**
- Specifically designed to evaluate Crohn's disease activity over time with innovative GI table and GI map features embedded in the software

Comprehensive Visualization

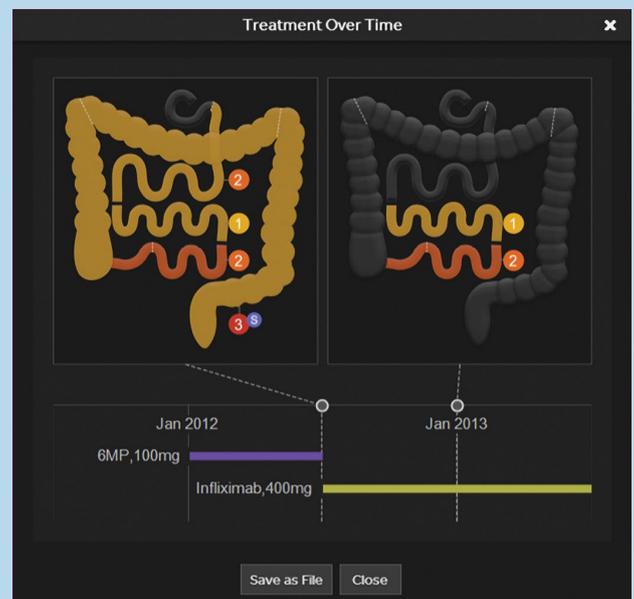
With advanced optics and innovative imaging features, the PillCam™ Crohn's system allows for thorough evaluation of Crohn's disease activity and mucosal healing.

- Enables detection of **even subtle mucosal lesions**
- Features a 344 degree field of view
- Includes adaptive frame rate technology, which increases the rate of image capture from 4 to 35 frames per second depending on the speed of the capsule, **enabling image acquisition that is unique to each patient's motility**

Patient-Friendly Imaging

The PillCam™ Crohn's system puts patients' safety and comfort first. It serves as an alternative to radiology exams, but **without the increased risk of cancer.**^{6,7} In addition, the procedure:

- Is noninvasive and does not require sedation or radiation
- Is well tolerated by patients⁸
- Can prevent patients from having to repeat colonoscopy and upper endoscopy⁹
- Has the potential to reduce the number of necessary exams, which can help make disease management **more convenient and may increase patient satisfaction**



TAKING CROHN'S DISEASE CARE FURTHER, TOGETHER



The PillCam™ Crohn's system includes everything needed to capture, record, and interpret images of the small bowel and colon.

- PillCam™ Crohn's capsule
- PillCam™ sensor array
- PillCam™ Crohn's and COLON 2 sensor belt
- PillCam™ recorder 3
- PillCam™ software v9, available on desktop, reader, web, and iPad

Medtronic is proud to partner with the GIs and hospitals that share our goal of improved Crohn's disease monitoring.

For more information, contact your Medtronic representative or visit pillcamcrohncapsule.eu

Risk Information: The risks of the PillCam™ Crohn's capsule include capsule retention, aspiration, and skin irritation. The risks associated with colon preparation are allergies or other known contraindications to any preparation agents or medications used for the PillCam™ Crohn's 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™ Crohn's 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 or pillcamcrohncapsule.eu for detailed information.

References: 1. Dionisio PM, Gurudu SR, Leighton JA, Leontiadis GI, Fleischer DE, Hara AK, et al. Capsule endoscopy has a significantly higher diagnostic yield in patients with suspected and established small-bowel Crohn's disease: A meta-analysis. *Am J Gastroenterol*. 2010;105:1240-1248. 2. Cosnes J, Cattan S, Blain A, Beaugerie L, Carbonnel F, Parc R, et al. Long-term evolution of disease behavior of Crohn's disease. *Inflamm Bowel Dis*. 2002;8(4):244-50. 3. Molodecky NA, Soon IS, Rabi DM, Ghali WA, Ferris M, Chernoff G, et al. Increasing incidence and prevalence of the inflammatory bowel diseases with time, based on systematic review. *Gastroenterology*. 2012 Jan;142(1):46-54. 4. Lewis RT, Maron DJ. Efficacy and complications of surgery for Crohn's disease. *Gastroenterol Hepatol*. 2010;6(9):587-96. 5. Reinink ARR, Lee TC, Higgins PDR. Endoscopic mucosal healing predicts favorable clinical outcomes in inflammatory bowel disease: a meta-analysis. *Inflamm Bowel Dis*. 2016;0:1-11. 6. Lauenstein TC, Umutlu L, Kloeters C, Aschoff AJ, Ladd ME, Kinner S. Small bowel imaging with MRI. *Acad Radiol*. 2012;19(11):1424-33. 7. Ho JK, Cash BD, Cohen H, Hanauer SB, Inkster M, Johnson DA, et al. Radiation exposure in gastroenterology: improving patient and staff protection. *Am J Gastroenterol*. 2014;109(8):1180-94. 8. Wiarda BM, Heine DGN, Mensink P, Stolk M, Dees J, Hazenberg HJA, et al. Comparison of magnetic resonance enteroclysis and capsule endoscopy with balloon-assisted enteroscopy in patients with obscure gastrointestinal bleeding. *Endoscopy*. 2012. doi <http://dx.doi.org/10.1055/s-0032-1309386>. 9. Raju GS, Gerson L, Das A, Lewis B. American Gastroenterological Association Institute. American Gastroenterological Association (AGA) Institute technical review on obscure gastrointestinal bleeding. *Gastroenterology*. 2007 Nov;133(5):1697-717.

IMPORTANT: Please refer to the package insert for complete instructions, contraindications, warnings and precautions.

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