



Capsule Endoscopy

For enquiries and appointments,
please contact us

HKSH Endoscopy Centre

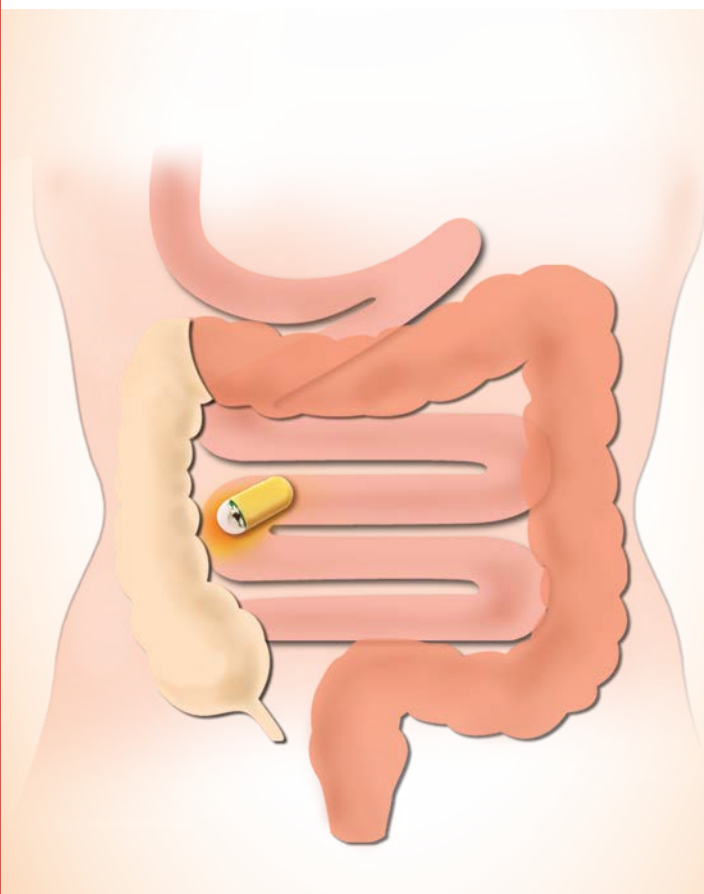
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Service Hours

Monday to Saturday 8:00 am – 4:00 pm
Closed on Sundays and Public Holidays

Consultation by Appointment

END.0081H/E-02-11 2025



養和醫療集團成員 Members of HKSH Medical Group

養和醫院 Hong Kong Sanatorium & Hospital | 養和醫健 HKSH Healthcare | 養和東區醫療中心 HKSH Eastern Medical Centre | 養和癌症中心 HKSH Cancer Centre

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The capsule endoscopy (CE) system utilises a wireless swallowable video camera to perform painless endoscopic imaging of the intestine especially in the evaluation of obscure bleeding, anaemia, abdominal pain.

How is Capsule Endoscopy performed?

The CE is a 11mm x 26mm capsule (Vitamin-pill sized) that encases a digital camera, light source, batteries, and a transmitter. Natural peristalsis moves the capsule smoothly and painlessly throughout the gastrointestinal tract. Colour images are taken and transmitted to a recording device worn on a belt by the patient.

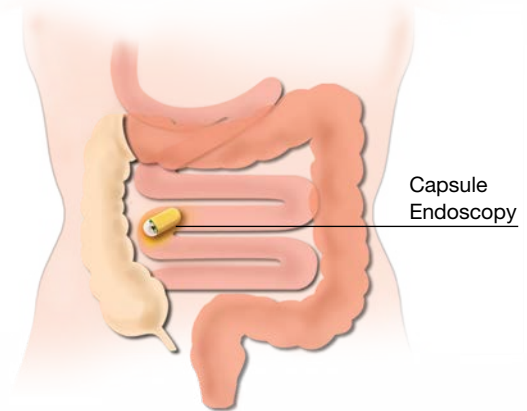
It takes approximately two hours for a gastroenterologist to review the series of images produced. The capsule has a gastric transit time of approximately one hour and a small intestinal transit time of three and a half to four hours.

Why is Capsule Endoscopy performed?

Capsule Endoscopy helps your doctor determine the cause of recurrent or persistent symptoms such as abdominal pain, diarrhea, bleeding or anemia, in most cases where other diagnostic procedures failed to determine the reason for your symptoms.

How should I prepare for the procedure?

1. Bowel preparation the day before examination.
2. Do not eat or drink for 8 hours prior to the examination.
3. The Sensor Array will be attached to your abdomen with adhesive pads and will be connected to the Data Recorder which you will wear in a belt around your waist.
4. Ingest the capsule with a small amount of water.
5. Do not eat or drink for 2 hours after the ingestion.



6. Resume fluid intake as your physician advises.
7. After 8 hours, the Data Recorder, Recorder Belt and Sensor Array will be removed.
8. Resume normal diet as your physician advises.
9. Patients should keep a timed diary related to eating, drinking and daily activities on the examination day.

What happens after Capsule Endoscopy?

The images acquired during your examination will be downloaded to a workstation for physician review. The capsule will usually be eliminated through a normal bowel movement within 24 hours of ingestion. The capsule is discarded after use.

What are the risks of Capsule Endoscopy?

1. You should not have a Magnetic Resonance Imaging (MRI) examination or be near an MRI device.
2. Patients with pacemakers can have the examination with special cautions.
3. Patients with known small bowel stricture may not be suitable for capsule endoscopy. If the capsule is not excreted naturally due to bowel obstruction, it will need to be removed endoscopically or surgically.