

Our Evidence. Your Expertise.

What does the SmartPill capsule do?

The SmartPill is a single-use, ingestible capsule that utilizes sensor technology to measure pressure, pH and temperature throughout the entire GI tract.

What data does SmartPill provide?

SmartPill provides gastric emptying time, small bowel transit time, colonic transit time, combined small and large bowel transit time and whole gut transit time. In addition, the capsule will characterize pressure patterns and provide motility indices for the antrum and duodenum. This data aids in the evaluation of motility disorders, specifically gastroparesis and chronic constipation.



Does the SmartPill capsule take pictures?

SmartPill does not take pictures. A logical compliment to endoscopy, SmartPill measures regional transit times.

How does SmartPill work?

The patient ingests a standard meal prior to swallowing the SmartPill capsule at the physician's office. After capsule ingestion the patient returns to their normal routine, wearing a data receiver for three to five days. After the test is complete the patient returns the data receiver to the physician where the information is downloaded to the system computer. The physician analyzes the data and a consultation meeting is scheduled with the patient to review test results.



What is the size of the SmartPill capsule?

The SmartPill capsule measures 26 mm x 13 mm; it is slightly larger than a multi-vitamin.

What components make up the SmartPill GI Monitoring System?

The system is comprised of:

- (10) SmartPill capsules
 - (1) SmartPill data receiver
 - (1) SmartPill activation fixture
 - (1) SmartPill docking station
- System computer loaded with MotiliGI[™] software

Why is measuring transit important?

Transit abnormalities are commonly considered as a possible etiology for unexplained GI symptoms. A direct measurement of GI transit is important in establishing an accurate diagnosis because symptoms of delayed transit overlap with those of accelerated transit. Upper and lower gut symptoms also often overlap, therefore localizing transit abnormalities to a specific GI region is important in diagnostic evaluation.

Can SmartPill replace any currently used procedures?

SmartPill can replace gastric emptying scintigraphy (GES) and Sitzmarkers (ROM).

What is the battery life of the SmartPill capsule and data receiver?

Both have 5+ days of battery life.

How long does it take to pass the capsule?

The capsule normally passes painlessly and naturally within 24-48 hours.

How long will it take to download the data from the data receiver?

Less than 10 minutes.

Are any latex materials used in the SmartPill capsule, and what is the biocompatibility?

No, latex materials are not used and all materials are biocompatible as determined by recognized standard test methods.

Is the SmartPill capsule reusable?

No, the SmartPill capsule is a single-use, disposable device.

What is the warranty and will I be charged for software upgrades?

The SmartPill Corporation will warrant the SmartPill data receiver, SmartPill docking station and MotilGTM software against defects in workmanship and materials for one year. Upgrades of existing products (while under warranty) are free of charge. Extended warranty packages are available at an additional cost.

