



INDIANA UNIVERSITY HEALTH

GI MOTILITY LAB

&

GASTRIC ELECTRICAL STIMULATION PROGRAM

SMARTPILL WIRELESS MOTILITY CAPSULE

Smart Pill Wireless Motility capsule- Your physician has ordered this procedure, which is commonly used in patients who suffer from constipation and symptoms possibly related to slow emptying of the stomach and small intestine. The Smart Pill is a single-use capsule that uses wireless sensor technology to measure pressure, pH and temperature throughout the entire digestive tract. As the Smart Pill capsule travels through your digestive tract, it collects data and sends it to a wireless data receiver,

How Do I Prepare For The Procedure?

1. **Stop** medications used for treating reflux and for treating stomach acid:
 - a. These medications **must be stopped for 5 days** prior to the test. These include Prilosec (omeprazole), Nexium (esomeprazole), Aciphex (rabeprazole), Prevacid (lansoprazole), Protonix (pantoprazole), Zegerid (immediate release omeprazole), and Dexilant (dexlansoprazole).
 - b. These medications **must be stopped for 2 days** before the test. These medicines are: Zantac (Ranitidine), Tagamet (Cimetidine), Axid (Nizatidine), Pepcid (Famotidine).
2. **Stop** Pro motility drugs such as Reglan (metoclopramide), Motilium (domperidone), erythromycin, and azithromycin for **2 days before the test**.
3. **Stop** opiate pain medications (oxycodone, hydrocodone, codeine, hydromorphone, fentanyl, morphine) if possible for **2 days before the test**.
4. **Stop** laxative medications [Miralax (polyethylene glycol 3350), Amitiza (lubiprostone), Dulcolax (bisacodyl), Senna, Colace (docusate), Milk of Magnesia] for **5 days prior to the test**.
5. **Do not eat or drink for 6 hours prior to your test**, but do take all of your normal medications, except for the ones listed above. Your medications should be taken with a small sip of water at least 1 hour prior to your study.

6. If you have diabetes, skipping breakfast may affect your need for diabetic medication. Generally one-half of your usual dose of diabetic medication is taken the morning of your test. **This should be reviewed with your health-care provider prior to arriving.**
7. This procedure **may not be safe** for you if: (discuss with your referring physician)
 - a. Have known or suspected gastrointestinal (bowel obstruction) obstruction.
 - b. Have a history of bowel obstructions, fistulas or strictures.
 - c. Have a swallowing disorder.
8. This procedure **may not work** if you have a cardiac pacemaker, defibrillator or other implantable electromedical device.
9. **Please complete the enclosed forms and a list of all your medications. Bring all up-to-date insurance information and identification to your appointment, as well as complete names, addresses, phone and fax of all doctors you want to receive a copy of the report.** We recommend you contact your insurance company prior to your procedure, in order to obtain coverage if needed.
10. ***PLEASE ARRIVE 30 MINUTES PRIOR TO YOUR SCHEDULED PROCEDURE TIME.***
 - a. Check-in at the Front Admitting Area located on the first floor of University Hospital, 550 N. University Blvd, Indianapolis Indiana.
 - b. Once registration is completed, the registration clerk will notify the Motility Clinic of your arrival. Proceed to the **Central Elevators**.
 - c. Take them to the 5th floor, (5601) and wait in the chairs immediately to the left of the elevators. The motility nurses will escort you to the Motility Lab.
 - d. Please use valet parking, which is available under the glass canopy

What does the procedure involve?

When you arrive at the Motility Lab, you will be required to eat a small meal bar, called the Smart Bar. After the meal you will ingest the capsule with a small amount of water. The procedure will take approximately 15-20 minutes. You cannot eat or drink anything except for water for six hours after swallowing the capsule, other than meals or drinks provided by the motility lab. After six hours, you may eat and drink as you wish, return to your normal routine, and wear the data receiver for five days. During that time, you will be required to document when you eat and when you have bowel movements. You **must not** have a MRI X-ray test while the Smart Pill is still inside your body.

When the test is completed after five days, you will return the data receiver to the Motility Lab. ***(Please note that you cannot mail the equipment back to the lab. The equipment must be returned at the end of the 5 days.)*** The information will be downloaded to the computer. The physician will analyze the data and prepare a report, which will be sent to your referring physician.

****If you should have any questions regarding your medications please contact your prescribing doctor. If you need to change your appointment for this test, please contact the Motility Lab scheduler 317-944-7817. If you have any specific questions regarding the test, please contact the Motility Lab at 317-948-8137.**