



Patient Information

What is endometriosis?

Endometrial-like tissue found in other areas of the body where it's not supposed to be. Endometriosis causes inflammation, pain, and sometimes fertility problems.

What is an ENDOSURE test?

ENDOSURE is a TIER-1 diagnostic test for endometriosis that uses an electroviscerography system (EVG). Similar to an electrocardiogram (ECG), but for the gut, EVG measures the gastrointestinal myoelectric activity (GIMA) of your intestinal tract. EVG detects abnormal GIMA caused by secretion of large amounts of two unique prostaglandins that are produced by endometriosis tissue. The GIMA biomarker of endometriosis accurately correlates with the presence of endometriosis & adenomyosis at all disease stages.

Are there any risks associated?

There are no risks associated with this test. ENDOSURE test uses EVG, a non-invasive medical device similar to an ECG that is UL certified for safety. There are no components that are used during the test equipment that are harmful. No anesthesia is required for this test.

Are results accurate?

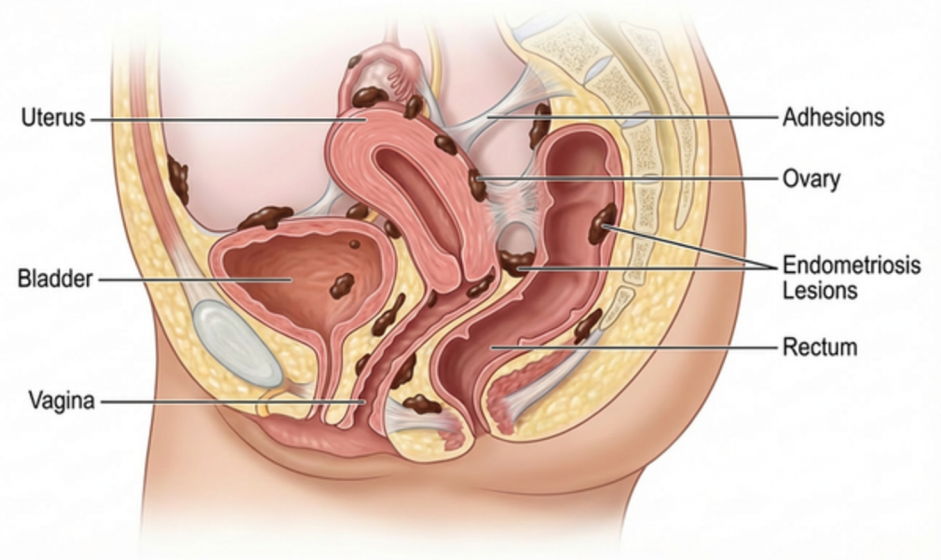
Published studies confirm highly accurate results.¹

Females ≤35 years:	Females 36 years+:
99% accurate	98% accurate
95% sensitivity	91% sensitivity
96% specificity	95% specificity

1. Noar M, Mathias J, Kolatkar A. Gastrointestinal Myoelectrical Activity (GIMA) Biomarker for Noninvasive Diagnosis of Endometriosis. J Clin Med. 2024;13(10):2866. Published 2024 May 13. doi:10.3390/jcm13102866

Where is endometriosis commonly located?

Endometriosis is most commonly found in and around the organs of the pelvis and abdomen.



Correctly time your ENDOSURE test

<p>The test is done in a fasting state. It should not be done during menstruation.</p>	
<p>Ensure other diseases you may have are stable.</p>	<p>List of concerning illnesses:</p> <ul style="list-style-type: none"> • Celiac disease • Crohn's or Ulcerative Colitis • Small bowel bacterial overgrowth • Bowel obstruction • Viral or Bacterial gastroenteritis • Persistent Nausea and vomiting
<p>Wait 2 WEEKS after resolution of:</p>	<ul style="list-style-type: none"> • Acute gastrointestinal illness • Intra-abdominal infection • Intra-pelvic infection
<p>Wait 3 MONTHS after recovery from:</p>	<ul style="list-style-type: none"> • Abdominal or pelvic surgery of any type

What preparation is required?

8 HOURS Before Testing	No food, water, fluids, gum No caffeine (coffee, tea, energy drinks)
2 Days / 48 hrs Before Testing	Stop opioid pain medications that slow the bowel: Codeine, Oxycodone, Hydrocodone +/- acetaminophen, Morphine, hydro morphone, Tramadol +/- acetaminophen*
3 Days / 72 hrs Before Testing	Stop medications that change intestinal movement: Metoclopramide, Domperidone, Itopride, Levosulpiride, Erythromycin, Dicyclomine, Hyoscine butylbromide, Loperamide*
30 Days Before Testing	Stop THC containing cannabis products Stop GLP-1 receptor agonists ³ that slow stomach emptying including Mounjaro, Ozempic, Wegovy*

1. This list is not exhaustive. If in doubt please check with your doctor or pharmacist in advance of the test.

-----***Medications Usually Safe to continue before test:***-----
Acetaminophen, NSAIDs, Hormonal contraceptives, Endometriosis hormone therapy, Antidepressants, Neuropathic pain medication, Antiemetics

Can I take other prescribed medications?

Take prescribed medications (other than ones listed above) with small sips of water at least 2-hours before the test. Do not stop medications until speaking with your doctor or your pharmacist.

What if I am diabetic?

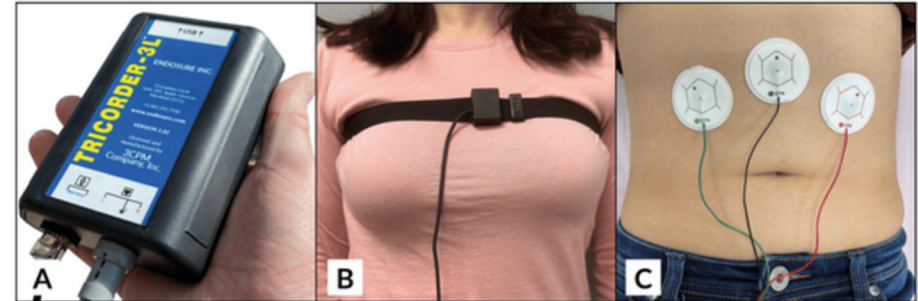
A 200 kcal meal 2 hours or more before testing is allowed. This could be a dry piece of toast and 125mL of clear juice or 2 rice crackers and 125 mL of clear juice. No food or liquids are allowed within 2 hours before testing.

What do I wear on ENDOSURE test day?

- Wear loose-fitting, 2-piece clothing that is relaxed and warm.
- No lotions, oils, self-tanning products or perfumes.
- Smartphones, watches and other electronic or bluetoothed devices should be shut off and put away during the test.



- ✓ Non-Invasive
- ✓ 30 Minute Test
- ✓ Highly Accurate
- ✓ Instant Results
- ✓ Diagnose All Stages



What to expect on ENDOSURE test day?

- Arrive 15 minutes early and plan to be in testing for an hour: 20 minutes preparation + 30-minutes active GIMA recording.
- Use the bathroom first, you cannot move once testing begins.
- You will be asked to relax, avoid movement, avoid talking, and to breathe normally.

What happens during testing?

- Electrodes are placed on the abdomen (C), then a respiratory belt (B). They remain in place for duration of the study and connect to the EVG (A).
- Following an equipment test and a 10-minute baseline, you will be asked to drink water until you feel full.
- The EVG records your GIMA over 30-minutes while you relax. Electrodes are then removed and the test is complete.
- Be sure to book a follow-up consultation with your attending physician to receive test results and discuss a care plan or next steps.

