

WHAT IS ESOPHAGEAL MANOMETRY?

Esophageal manometry is a test used to assess pressure and motor function of the esophagus (food pipe). It also helps to evaluate how well the esophagus muscles work to transport liquids or food from your mouth into your stomach.

Esophageal manometry may also be performed to evaluate the symptoms of gastric reflux, heartburn, difficulty swallowing, regurgitation, and functional chest pain. This test may be also used in preoperative evaluation for anti-reflux surgery. Or, it can ensure proper placement of pH probes for other diagnostic tests.*

* Gyawali CP and Patel A. Esophageal motor function: technical aspects of manometry. *Gastrointest Endosc Clin N Am.* 2014 Oct;24(4):527-43



Instructions from doctor or nurse:

Notes:

For additional information call:

Caution: Federal law restricts this device to sale by or on the order of a licensed healthcare practitioner. Rx only.

Risk information: The risks of catheter insertion into the nasal passage associated with the ManoScan™ high resolution manometry system include: discomfort, nasal pain, minor bleeding, runny nose, throat discomfort, irregular heartbeat with dizziness, and perforation. In rare instances, the catheter may be misdirected into the trachea causing coughing or choking, or the catheter may shift up or down causing false results. Medical, endoscopic, or surgical intervention may be necessary to address any of these complications, should they occur. These systems are not compatible for use in an MRI magnetic field. Please consult your physician for further information.

Please consult your physician for a complete list of indications, warnings, precautions, adverse events, clinical results, and other important medical information.

US160342(1) © 2018 Medtronic. All rights reserved. Medtronic, Medtronic logo and Further, Together are trademarks of Medtronic. All other brands are trademarks of a Medtronic company.



PREPARING FOR ESOPHAGEAL MANOMETRY

ManoScan™ Esophageal Manometry System

Medtronic

Medtronic
Further, Together



Preparation for the procedure

Food & drink

Please refrain from eating and drinking after midnight before your test.

Medications

Prior to your test, you should consult with your physician regarding prescribed medications you take.

Some medications can affect the muscles of your esophagus and alter the results of your test. These medications include pain medications, sedatives, tranquilizers, antispasmodics, and promotility medications.

Some medications will not affect the procedure and may be continued as per your doctor's instructions. This includes medications for heart disease, high blood pressure, and diabetes.

It is important that you consult with your physician regarding all the medications you are taking prior to your procedure.

Your physician should obtain your medical history prior to your test. He can answer any other questions or concerns you may have at that time.

Important reminder

This brochure provides general information only and should not be used as a definitive basis for diagnosis or treatment in any particular case. It is very important that you consult your doctor about your specific condition.



After the test

You may resume your normal daily activities, diet, and medications following your test. Since there is no sedation required, you may drive yourself home after the procedure. If you experience a sore throat, taking lozenges or gargling with salt water may alleviate your discomfort. Please schedule a follow-up visit with your physician to discuss the results of the test. Contact your physician with any unusual symptoms or side effects.

Please note: This brochure is supplemental to the advice, care, and instruction of your physician. This material is for informational purposes only. It is designed to be delivered by the treating or consulting physician. Your physician should also provide the usual and appropriate instructions and explanations regarding the procedures referenced herein.

How it works

The test will be performed by a doctor, nurse, or technician and usually takes less than 30 minutes. Generally, you will be in a comfortable, semi-reclining, or reclining position. Your nose and throat may be numbed with a spray or gel. This will minimize any discomfort associated with placing the small catheter through your nose and into your stomach.

During this time, you will be able to breathe, swallow, and talk with ease.

During the test you will be asked to take deep breaths or swallow a number of times. The pressures resulting from these actions will be detected and recorded by tiny sensors located on the catheter.

The recording will then be transferred to a report for your doctor to review and interpret.