

**High Resolution Esophageal Pressure Topography Study  
24 HOUR IMPEDANCE pH STUDY**

**ENDOSCOPY DEPARTMENT  
St. John Providence Hospital  
16001 W. Nine Mile Road  
Southfield, MI 48075  
248-849-3474**

An **High Resolution Esophageal Pressure Topography Study** is the recording of muscle pressures and activity within the esophagus. It can evaluate the action of the muscle waves (peristalsis) in the main portion of the esophagus, as well as the muscle valve at the lower end of it that leads to the stomach.

Before this study, a numbing medication is placed into the lining of the nose. A thin tube with pressure sensors is passed through the nose and into the esophagus. Once it is in place, several swallows of a variety of liquids are given while pressures are measured in the esophagus. The procedure takes approximately 30 minutes, and may be followed by slight nasal discomfort.

**♥♥♥7/9/2015 Insurance update♥♥♥**

Please check with your insurance company- because of the new higher resolution equipment and a new billing code of **91299**, we have heard that some insurance companies may interpret this as investigational and not a covered benefit. In hearing this from our biller, we want to give you the opportunity to understand your benefits prior to doing the procedure, so please call your insurance company and ask them if **code 91299** is covered.



A **24 HOUR IMPEDANCE pH STUDY** is the recording of the episodes of reflux from the stomach into the esophagus over a 24 hour period. From the results of this study, your physician will be able to evaluate both the number of events and determine whether the reflux is acid or non-acid.

Before this study, a numbing medication is placed into the lining of the nose. A very thin, flexible tube is passed through the nose and into the esophagus. It is attached to a small monitor, which is carried by the patient for 24 hours. The patient is asked to record symptoms during the same period, and must return to have the probe removed the next day. The return visit takes only a few minutes.



If both studies are ordered, they may be scheduled on the same day or separately.

**SEE INSTRUCTIONS ON REVERSE SIDE**

## PREPARATION INSTRUCTIONS

### ◆◆◆◆ MEDICATIONS ◆◆◆◆

- There are several medications that should be avoided before these studies. The most common of these are listed below. Some are over-the-counter medications.
- You may take your other medications with sips of water the morning of your procedure.
- **BE SURE TO CHECK WITH YOUR PHYSICIAN REGARDING THE MEDICATIONS YOU ARE TAKING WHEN SCHEDULING THE PROCEDURES!**

### High Resolution Esophageal Pressure Topography Study

DO NOT TAKE FOR 24 HOURS PRIOR TO STUDY:

- Dicyclomine hydrochloride (Bentyl)
- Domperidone
- Donnatal
- Hyoscyamine (Levbid, Levsin, Levsinex)
- Metoclopramide hydrochloride (Reglan)

### 24 HOUR IMPEDANCE pH STUDY

DO NOT TAKE FOR 7 DAYS PRIOR TO STUDY:

- Dexlansoprazole (Dexilant, Kapidex)
- Esomeprazole (Nexium)
- Lansoprazole (Prevacid)
- Omeprazole (Prilosec, Zegerid)
- Pantoprazole (Protonix)
- Rabeprazole (Aciphex)

DO NOT TAKE FOR 3 DAYS PRIOR TO STUDY:

- Cimetidine (Tagamet)
- Famotidine (Pepcid)
- Metoclopramide (Reglan)
- Nizatidine (Axid)
- Ranitidine (Zantac)
- Sucralfate (Carafate)

DO NOT TAKE FOR 24 HOURS PRIOR TO STUDY:

- Any antacids – Tums, Maalox, Mylanta, etc.

### ◆◆◆◆ BOTH STUDIES ◆◆◆◆

- Please do not eat or drink anything for 6 hours prior to the procedure.
- No sedation will be given, so it is not necessary to bring a driver.
- Please report to the Endoscopy Department, located at the Main (9-Mile) Entrance of Providence Hospital 30-45 minutes before your appointment time. If you are unable to keep this appointment, please notify us at least 48 hours before the exam.
  
- If you have any questions, please call the office at \_\_\_\_\_.

Date and Time of appointment: \_\_\_\_\_