

## Esophageal Manometry Study

Your child's Esophageal Manometry Study is scheduled for (date) \_\_\_\_\_ at (time) \_\_\_\_\_ at Children's Hospital of Wisconsin.

Please come to:

- GI clinic on 7<sup>th</sup> floor of the clinics building
- Radiology (Imaging) on the 1<sup>st</sup> floor of the main hospital

Please be here at \_\_\_\_\_ a.m./ p.m. to register your child.

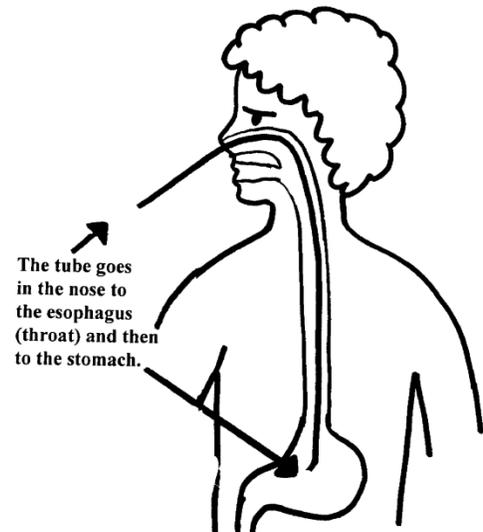
### What is Esophageal Manometry?

The study measures pressures in the esophagus both at rest and when swallowing. It is done for a child who chokes when eating or has problems with food getting stuck when trying to eat. The study will show if the nerves and muscles are working together as they should.

### How is it done?

We will talk with you about your child's diet ahead of time.

- A tube, called a manometry catheter is put in the nose and goes into the stomach. The tube is flexible and has tiny tubes, called sensors inside.
- The tubes are hooked up to a computer that records pressure in the esophagus. Pressures change when food and liquid move up and down in the esophagus.
- The tube may be pulled part way out and put back in again 2 or 3 times.
- Your child will be given small sips of water and may be asked to eat a small amount of bread or crackers.
- Sometimes, X-rays are done during the test. For these X-rays, your child will need to drink a barium solution.



The test lasts about 30 to 60 minutes. The tube is removed and you may go home.

## Will it hurt?

Having a tube put in the nose is uncomfortable. Having it moved up and down adds to the discomfort. Your child will need to swallow when asked or may need to eat, so sedation is not used for this test.

## What needs to be done before the test?

**Your child's stomach needs to be empty for this test. Your child should not eat or drink anything for 4 hours before the test.** If your child is having other tests or procedures, someone will talk with you about what to do.

**It is important that you follow these special instructions.** If your child eats or drinks anything after the times listed above, **the study may be cancelled.**

## When will I know the results?

Some early results will be discussed with you after the test is done. It may take about a week for the doctors to review the test recordings and have final results. You will be called if the final results are different from the early results. A letter will be sent to the doctor who ordered the test.

**ALERT:** Call your child's doctor, nurse, or the GI Motility Clinic at 414-266-3690 if you have any questions or concerns or if your child:

- Is sensitive to any kind of tape. Talk with the nurse when you schedule the study.
- Is sick, has a fever or infection within 7 days of the test.
- Has special health care needs that were not covered by this information.

**This teaching sheet is meant to help you care for your child. It does not take the place of medical care. Talk with your healthcare provider for diagnosis, treatment, and follow-up.**