

Tip Sheet: pH Probe Study

How is the pH probe +/- impedance study performed?

The study uses a thin plastic-coated wire (called a probe) that is inserted into your child's nose and is placed in the esophagus where it remains for 18-24 hours and records refluxed contents from the stomach into the esophagus. The probe is attached externally to a small recording device. Instructions for how to use this equipment will be thoroughly reviewed with you prior to the testing. After placement of the probe, a chest x-ray is taken of your child's chest so that we may verify the placement of the probe in the esophagus. Depending on the age of your child and how well he or she accepts the probe, he or she may be admitted to the hospital overnight for this testing. While the study is ongoing, your child is allowed to eat and drink as normal.

What happens after the study?

Once the study is completed (usually 24 hours), the probe is removed and the recording device is downloaded. The recorded events are then analyzed. Please allow one week for us to completely review the study.

Helpful Terms

Acid reflux: The regurgitation of acidic contents from the stomach into the esophagus.

Non-acid reflux: The regurgitation of non-acidic contents from the stomach into the esophagus.

Contact Us:

Division of Pediatric Gastroenterology & Nutrition
646-962-3869