



21295-Review

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**Name of Journal:** *World Journal of Gastrointestinal Pathophysiology*
**ESPS Manuscript NO:** 21295

**Manuscript Type:** Review

**Esophageal testing: What we have so far**

Nicola de Bortoli, Irene Martinucci, Lorenzo Bertani, Salvatore Russo, Riccardo Franchi, Manuele Furnari, Salvatore Tolone, Giorgia Bodini, Bolognesi Valeria, Massimo Bellini, Vincenzo Savarino, Santino Marchi, Edoardo Vincenzo Savarino

**Abstract**

36 Gastroesophageal reflux disease (GERD) is a common disorder of the gastrointestinal tract. In the last few decades, new technologies have evolved and have been applied to the functional study of the esophagus, allowing for the improvement of our knowledge of the pathophysiology of GERD. High-resolution manometry (HRM) permits greater understanding of the function of the esophagogastric junction and the risks associated with hiatal hernia. Moreover, HRM has been found to be more reproducible and sensitive than conventional water-perfused manometry to detect the presence of transient lower esophageal sphincter relaxation. Esophageal 24-h pH-metry with or without combined impedance is usually performed in patients with negative endoscopy and reflux symptoms who have a 32 poor response to anti-reflux medical therapy to assess esophageal acid exposure and symptom-reflux correlations. In particular, esophageal 24-h impedance and pH monitoring can detect acid and non-acid reflux events. EndoFLIP is a recent technique poorly applied in 7

**Match Overview**

1	<b>CrossCheck</b> 96 words Martinucci, I., N. de Bortoli, E. Savarino, P. Piaggi, M. Bellini, A. Antonelli, V. Savarino, M. Frazzoni, and S. Marchi. "Es	2%
2	<b>CrossCheck</b> 95 words Kahrilas, P. J., A. J. Bredenoord, M. Fox, C. P. Gyawali, S. Roman, A. J. P. M. Smout, and J. E. Pandolfino. "The Chi...	2%
3	<b>CrossCheck</b> 87 words George Sun. "A new pH catheter for laryngopharyngeal reflux: Normal values", <i>The Laryngoscope</i> , 2009	1%
4	<b>CrossCheck</b> 87 words Regan, J., M. Walshe, N. Rommel, J. Tack, and B. P. McMahon. "New measures of upper esophageal sphincter disten	1%
5	<b>CrossCheck</b> 68 words Savarino, Edoardo, Patrizia Zentilin, Luca Mastracci, Pietro Dulbecco, Elisa Marabotto, Lorenzo Gemignani, Luca Bruz	1%
6	<b>CrossCheck</b> 67 words "UEG Week 2014 Poster Presentations", <i>United European Gastroenterology Journal</i> , 2014.	1%

Esophageal testing: what we have so far.



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### Esophageal Resection - procedure, recovery, test, blood, tube ...

[www.surgeryencyclopedia.com/Ce-Fi/Esophageal-Resection.html](http://www.surgeryencyclopedia.com/Ce-Fi/Esophageal-Resection.html)

An esophagogastrectomy is performed when cancer of the **esophagus** has been ..... Being in a group **we** teach each other things **we have** gone through and ..... I **have** had a PET Scan every six months now for a year and a half and **so far**....

### Reply to The Comments: 'Higher Incidence of Esophageal Lesions ...

[www.ncbi.nlm.nih.gov/pubmed/26111804](http://www.ncbi.nlm.nih.gov/pubmed/26111804)

22 Jun 2015 ... With great interest **we have** read the comments on our **study** on differences in ... **So far**, no **study has** proven the correlation of EDEL and the....

### The 48-Hour Bravo Esophageal pH Test: A Probe to Study Acid via ...

[gnorb.net/1421/48-hour-bravo-ph-esophageal-test-probe-study-acid-monitoring-caps](http://gnorb.net/1421/48-hour-bravo-ph-esophageal-test-probe-study-acid-monitoring-caps)

18 May 2009 ... And it's been burning for **far** longer than I'd like to remember. .... I **have** what **we** figure is **esophageal** spasms and I **get** chest pain **so** bad,....

### painful oesophageal achalasia.Thread discussing painful ...

[patient.info/forums/discuss/painful-oesophageal-achalasia-35686](http://patient.info/forums/discuss/painful-oesophageal-achalasia-35686)

6 Mar 2012 ... He **has** had **so** much time of school and having a normal teenage social life. ... **We have** to trust in Our Lord and hope and pray that salvation comes for my son. ... I was diagnosed with Achalasia in Oct 2010 after 9 months of **tests** and a ..... with minimum stress, and stay **far** away from every kind of tension.

### How is cancer of the esophagus diagnosed?



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### Esophageal pH Monitoring: Get Facts on The Test Procedure

[www.medicinenet.com](http://www.medicinenet.com) > ... > [esophageal ph monitoring index](#) ▾ [翻译此页](#)

2015年6月30日 - Learn how **esophageal pH monitoring** is used for measuring ... be impossibly uncomfortable) and, **so far**, it **has** not been used in the stomach.

### Esophageal Manometry Test and Results - WebMD

[www.webmd.com/heartburn-gerd/.../esophageal-manometry](http://www.webmd.com/heartburn-gerd/.../esophageal-manometry) ▾ [翻译此页](#)

WebMD explains **esophageal** manometry, a **test** used to look for causes of acid reflux ... The **esophageal** manometry **test** may be given to people who **have** the ...

### Esophageal pH Test for Heartburn or GERD - WebMD

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The **esophageal** pH **test** is performed to measure the amount of acid that flows ... Heartburn, primarily in patients who **have** had a normal endoscopy and who ...

### Esophageal Resection - procedure, recovery, test, blood ...

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An esophagogastrectomy is performed when cancer of the **esophagus** **has** been ... **Esophageal** cancer and **esophageal** dysplasia occur **far** more often in men than .... and in the abdomen **so** that the surgeon can dissect the **esophagus** or cancerous ..... Being in a group **we** teach each other things **we** **have** gone through and ...

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## Living with achalasia..Thread discussing Living with achalasia ...

[patient.info](#) > ... > [Oesophageal Achalasia and Spasm](#) ▾ [翻译此页](#)

2014年8月5日 - I'll try to be as thorough as possible **so** all questions you might **have** will be answered. .... He was active, went out and play football, baseball etc. he went as **far** as talking the doctor that if not for ... **We** suggested to his G doctor to order this **test**. The