

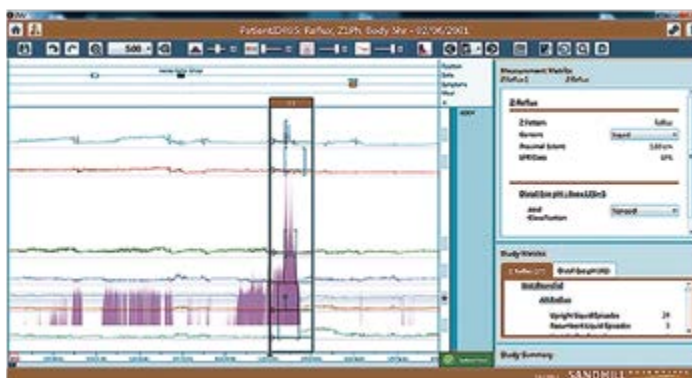
# ZepHr®—Innovation in Total Reflux Monitoring



# Choosing the appropriate Diagnostic Ambulatory Reflux Test—is more important than ever.



Stacked view



Fit-to-probe view for truer representation of impedance sensor placement and reflux height

## The ZepHr® Total Reflux Monitoring System

Zvu® Advanced GI Diagnostic Software for total reflux diagnostics:

- Convenient—automated analysis with AutoSCAN
- Simplified controls—easily transition between contour and conventional views, including impedance

ZepHr® Impedance/pH Recorder—small and mighty GI diagnostics:

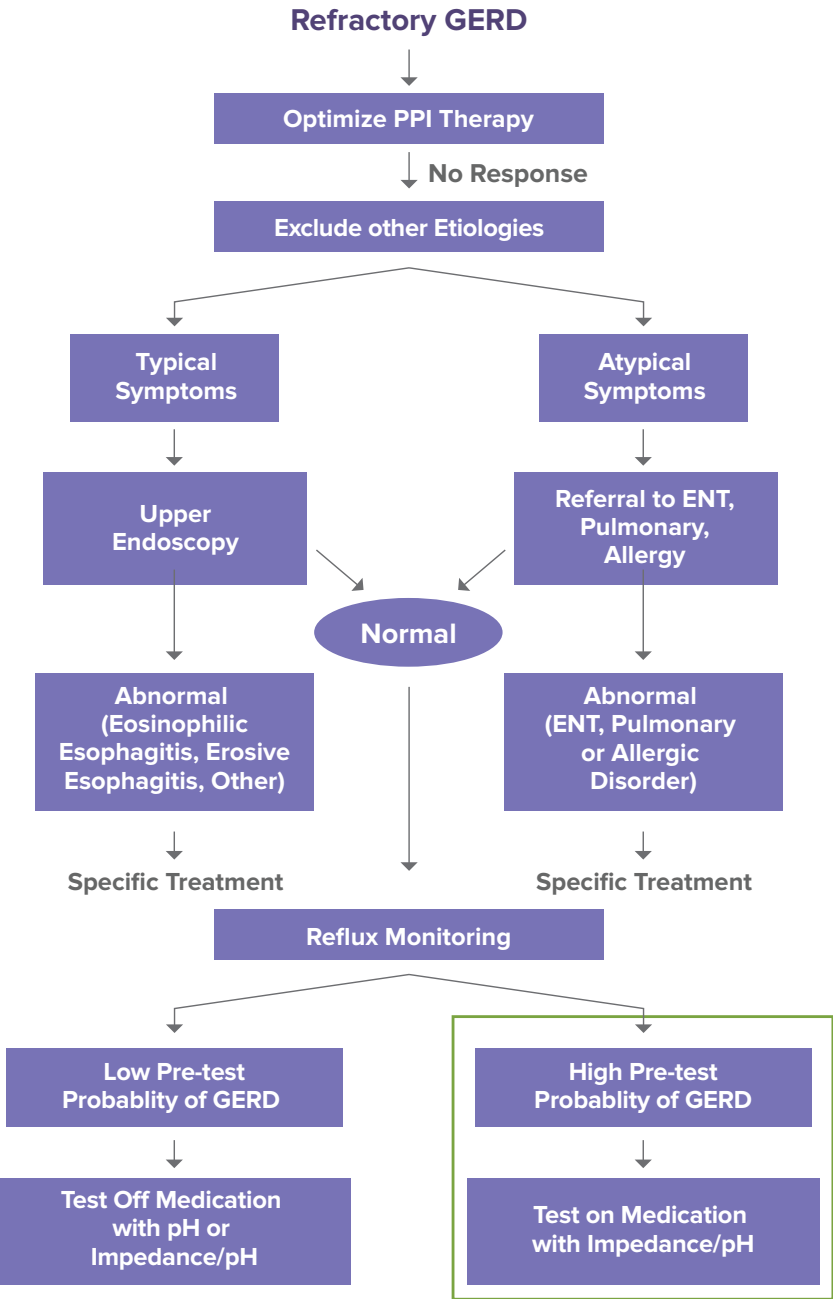
- Small size and weight
- Upright and recumbent indicators for easy viewing, easy interface
- SD Card for quick, effortless data download
- Only needs two AA batteries and includes a cleanable carrying case

ComforTEC® Z/pH Probes—a perfect fit for every clinical application:

- Enhanced patient comfort
- Optimal ease-of-use
- The widest range of standard configurations to meet your clinical need
- 100% guaranteed performance



The AirFlo™ Sphincter Locator simplifies sphincter location when used in combination with ComforTEC® infused pH and Z/pH Probes.



Algorithm for the evaluation of refractory Gastroesophageal Reflux Disease (GERD), ENT (Ear, Nose & Throat), PPI (Proton Pump Inhibitor)<sup>1</sup>

The recently updated ACG Practice Guidelines for Diagnosis and Management of GERD<sup>1</sup> provide a simple, yet comprehensive reflux monitoring test selection algorithm.

**When to choose impedance/pH monitoring?**

Patients on PPIs who continue to experience symptoms such as cough, heartburn, regurgitation and chest pain are often difficult to diagnose using traditional pH monitoring. These PPI-refractory, endoscopy-negative patients are optimal candidates for impedance/pH reflux monitoring. In fact, physicians using only acid pH monitoring may miss up to 35% of patients with non-acid reflux.

- The sensitivity of pH-only monitoring in patients with endoscopy-negative reflux symptoms is <71%.<sup>1</sup>
- When impedance testing is added to pH monitoring, the sensitivity of reflux monitoring approaches 90%.<sup>2</sup>



# Innovations in Clinical Education

## Diversatek University Online

Our online training platform contains free content on esophageal and anorectal manometric studies, as well as impedance/pH reflux monitoring studies. Included are tutorials providing step-by-step guidance to develop skills in data acquisition, study review and report generation. Simply go to **DiversatekHealthcare.com** to request log-in information.

## Denver Training Center

Our Technical Research & Training Center specializes in clinical education and personalized training to make learning easy and convenient. Our comprehensive clinical instruction provides users with the knowledge and skills necessary to effectively acquire and analyze high resolution impedance manometry studies, impedance/pH reflux monitoring studies and anorectal manometry studies. Email us at **clinicaleducation@diversatekhc.com** or visit us online to learn more about our Denver course offerings.

## Webinars

Diversatek Healthcare is proud to present a series of live, interactive discussions on topics related to esophageal function testing, impedance/pH reflux monitoring studies and anorectal manometry. Each webinar includes a didactic session followed by an open discussion. All webinars are recorded and posted to the Diversatek U online portal for easy reference. Access **DiversatekHealthcare.com** for upcoming webinar announcements.

## The Diversatek Healthcare Review

Diversatek Healthcare Review, our monthly e-newsletter, features what's new at Diversatek University along with up-to-date product information. Every issue also includes our Clinical Insights, providing educational tips for Z/pH and HRiM analysis as well as answers to the most frequently asked questions.

# Personalized Clinical Support

## Onsite Training

Diversatek Healthcare Clinical Specialists deliver product support to suit your specific needs—on your schedule. Specialists are onsite at your facility to train and support you on your Diversatek Healthcare manometry or reflux monitoring equipment as you work through patient cases, acquire and analyze patient data, and create patient reports.

## Virtual Coaching

Online and in real-time, Diversatek Healthcare Clinical Specialists work with you via screen sharing to provide study-specific data review and report generation coaching for your more difficult studies. Email us at **clinicalsupport@diversatekhc.com** to schedule a one-on-one session.



## References

1. Philip O. Katz, Lauren B. Gerson and Marcelo F. Vela, Guidelines for the Diagnosis and Management of Gastroesophageal Reflux Disease. Am J Gastroenterol advance online publication, February 19, 2013; doi:10.1038/ajg.2012.444.
2. Mainie I, Tutuian R, Shay S, et al. Acid and non-acid reflux in patients with persistent symptoms despite acid suppressive therapy: a multicentre study using combined ambulatory impedance-pH monitoring. Gut 2006;55:1398–1402.

Advancing GI care by driving science, developing and delivering solutions, and providing unmatched clinical support.

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