

High-Resolution Manometry with High-Resolution Impedance For the first time ever, see motor function and bolus movement...

Clearly, Accurately and Completely

■ Complete Physiological Visualization

Automatically captures real-time circumferential assessment of motor and bolus physiology from pharynx to stomach with a single placement of the catheter

■ Anatomical Profile Display

Incorporates High-Resolution impedance to provide clear visualization of the pressure and bolus relationship

■ Real-Time Contrast Controls

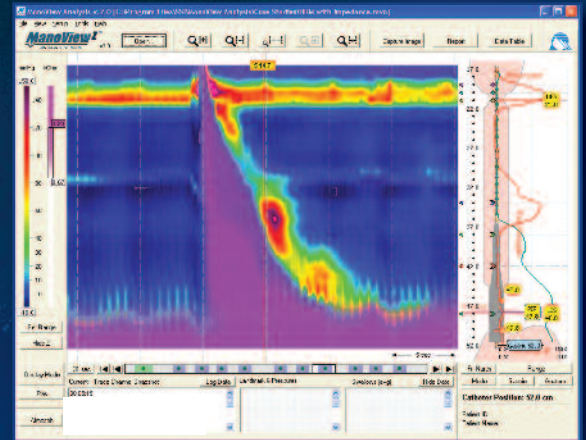
Allows clear visualization of pressure and impedance through full physiological measurement range

■ Post Study Playback Feature

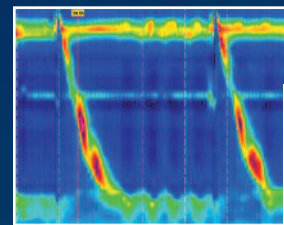
Offers a dynamic "Movie" type scrolling view for a comprehensive survey of swallow physiology and function

■ Multiple Display Modes

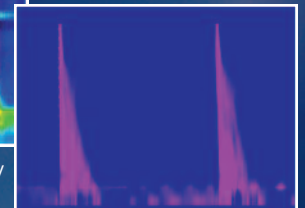
Complete High-Resolution visualization of pressure and impedance in contour plots, line traces, and combined modes



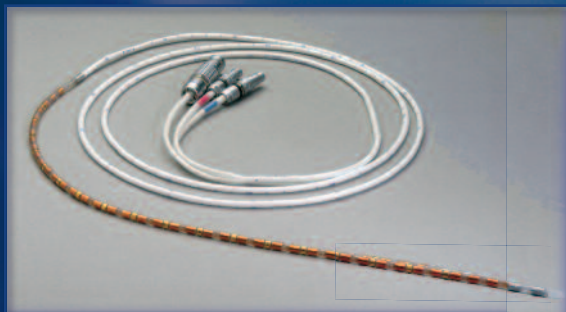
High-Resolution Manometry with High-Resolution Impedance
(Normal Swallow)



High-Resolution Manometry



with High-Resolution Impedance



ManoScan-Z™ catheters incorporate the latest advancements in sensing technology

- All sensors are true circumferential
- 36 pressure channels spaced 1 cm apart create pressure image of the entire esophagus
- 18 Impedance channels display bolus transition of the entire esophagus

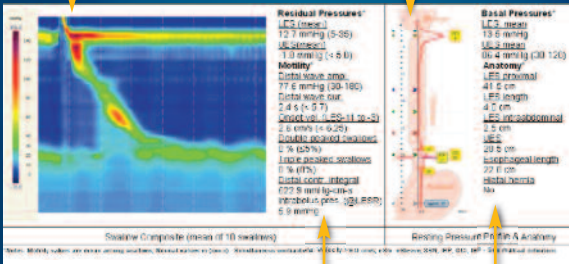


World's most advanced and easy-to-use analysis software

- Provides an intuitive overview of manometry study for rapid identification of motility disorders.
- Automated assistance for rapid analysis
- Can be loaded on any Windows® based computer for remote study review

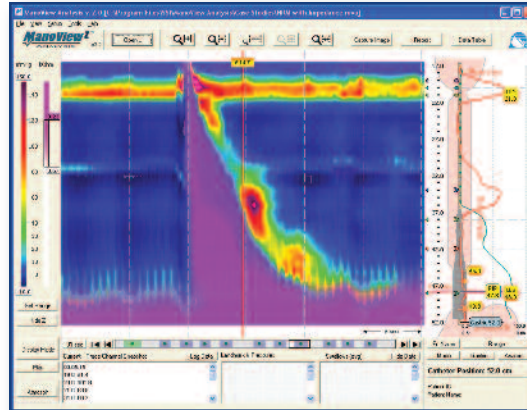
Graphical Report Summary

- Composite Swallow Image
Average of swallows included in measurement frames
- Composite Resting Trace
Anatomy and mean of pressure profile during Landmark ID measurement frame

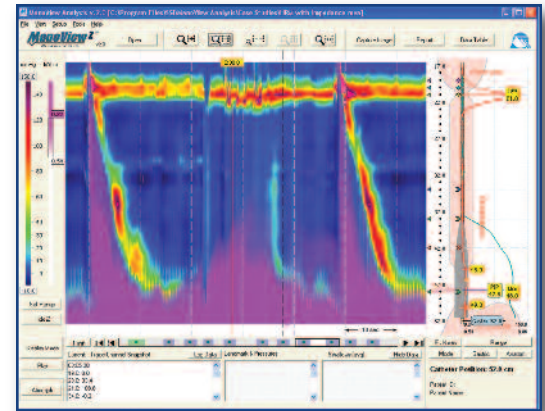


Swallow Motility Data

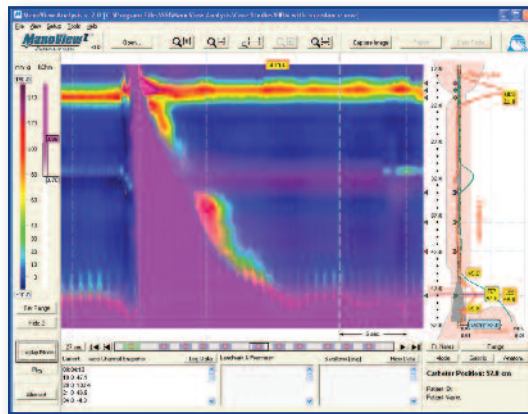
Basal Pressure & Anatomy Data



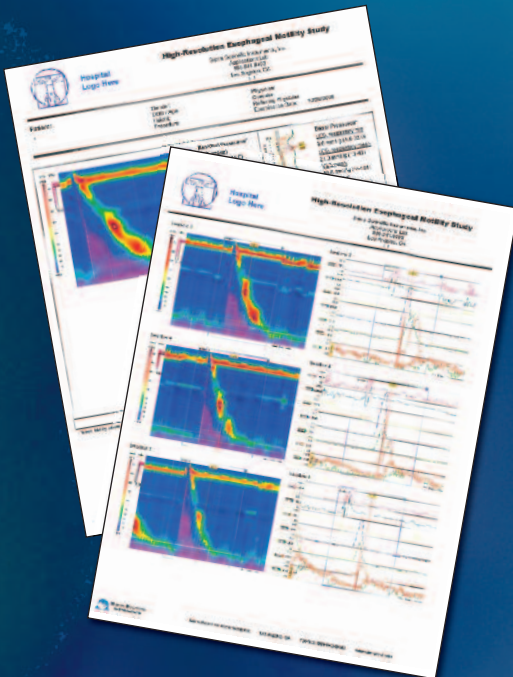
Normal Swallow



TLESR with Belch and Reflux



Slight Bolus Escape at Wide Transition Zone



**SIERRA SCIENTIFIC
INSTRUMENTS**

"Innovations in diagnostic technology"