EVALUATE MOTILITY
MINIMIZE DISCOMFORT[1]

Measure pressure and dimensions in the esophagus, pylorus, and anal sphincters with **a patient-friendly solution.**

Endoflip™
Impedance planimetry system

Medtronic

DETECT MOTILITY DISORDERS

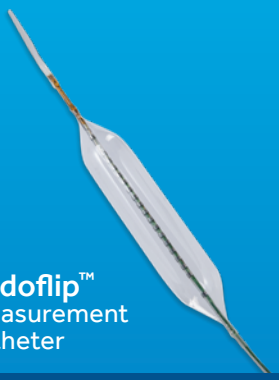
The Endoflip™ impedance planimetry system transforms the way you evaluate symptoms consistent with motility disorders and helps you minimize patient discomfort.[2,3,4]

This advanced imaging technology provides an internal view of the gastroesophageal (GE) junction during endoscopic and surgical procedures.

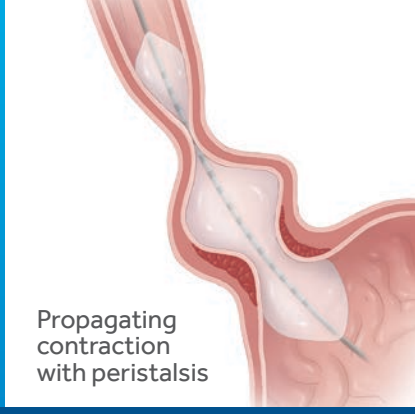
Real-time measurements of the pressure and dimensions in the esophagus, and other sphincters of the alimentary canal, help you identify major motility disorders.

Endoflip™ 2.0 impedance planimetry system with Flip™ topography is complementary to high-resolution manometry (HRM) and other diagnostic methods.[2]

The evaluation of the esophageal response to distension with Flip™ imaging software is an innovative method to enhance the evaluation of esophageal function,including esophageal motility. Flip™ imaging software may effectively detect abnormal motility at the time of sedated endoscopy, and thus offers a convenient and well-tolerated method to evaluate esophageal motility.[2,3]



Endoflip™ measurement catheter



Propagating contraction with peristalsis

How it works

The Endoflip™ impedance planimetry system uses a technique called impedance planimetry to characterize the geometry of the measurement area. The multi-electrode balloon catheter acts as a functional lumen imaging probe (FLIP®) that shows dynamic changes in the geometry of the measurement area in a real-time image. Pressure in the balloon is also measured and displayed when using a catheter containing a pressure sensor.[4]

The Endoflip™ impedance planimetry system is indicated for use in a clinical setting to measure pressure and dimensions in the esophagus, pylorus, and anal sphincters in adults and to measure pressure and dimensions in the esophagus, in patients from 5 years of age. It is intended to be used as an adjunct to other diagnostic methods as part of a comprehensive evaluation of patients with symptoms consistent with gastrointestinal motility disorders.[4]

Catheters	Part Number
Endoflip™ nasal tip catheter 16cm, 5/bx	EF-322N
Endoflip™ nasal tip catheter 8cm, 5/bx	EF-325N

System Hardware	Part Number
Endoflip™ system 1.0	EF-100
Endoflip™ system 2.0	EF-200
Flip™ localization kit US *required accessory kit for the Endoflip™ 1 system*	LK-103

Caution: Federal law restricts this device to sale by or on the order of a licensed healthcare practitioner. Rx only.
Risk Information: Similar to most procedures, the products featured here have inherent procedure risks associated. Please refer to the individual product user manuals for detailed information.
Indications: The Endoflip™ impedance planimetry system is indicated for use in a clinical setting to measure pressure and dimensions in the pylorus, esophagus, and anal sphincters in adults, and to measure pressure and dimensions in the esophagus in patients from 5 years of age. It is intended to be used as an adjunct to other diagnostic methods as part of a comprehensive evaluation of patients with symptoms consistent with gastrointestinal motility disorders.
Contraindications: The Endoflip™ impedance planimetry system is contraindicated:
Where endoscopy is contraindicated
In patients with actively bleeding varices in the esophagus.
Potential complications: Potential complications include:
Allergic reaction, Anaphylaxis, Bleeding, Cardio-respiratory complications, Dental trauma, Infection, Pain, Perforation, Pulmonary aspiration, Vasovagal Response.

References:
1. Carlson DA. Esophageal motility classification can be established at the time of endoscopy: a study evaluating real-time functional luminal imaging probe Panometry. Gastrointest Endosc 2019;90:915-23.
2. Dustin A. Carlson, MD,MS. Evaluation of esophageal motility utilizing the functional lumen imaging probe (FLIP) Am J Gastroenterol. 2016 December; 111(12): 1726–1735. 3. Dustin A.Carlson, MD. Evaluation of esophageal motility during endoscopy with the functional luminal imaging probe. Techniques in Gastrointestinal Endoscopy 20 (2018)107-113. 4. Endoflip™ System Functional Lumen Imaging Probe EF-100 - Instructions for Use DD-41 Revision H, August 2019.

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