THE BARRX™ 360 RFA BALLOON CATHETER

Using standard endoscopic techniques under moderate sedation, the Barrx™ 360 RFA Balloon Catheter facilitates rapid ablation of long and short segments of Barrett’s epithelium. The basis of all clinical data is largely built on the use of the Barrx™ circumferential ablation system, with subsequent use of Barrx™ focal catheters for residual disease touch-up.

- The Barrx™ 360 RFA Balloon Catheter provides a circumferential, 360 degree, 3 cm long ablation for treating short and long segments of Barrett’s epithelium.
- Proprietary bipolar electrode array delivers precise circumferential radiofrequency energy to the targeted tissue area.
- Available in 5 sizes ranging from 18-31mm.
- Capable of treating circumferential segments.
- Soft compliant balloon material.
- Treats the disease, including microscopic foci, in the ablation zone.

Many of the steps involved in this RFA procedure are similar to other endoscopic procedures. Certain elements, such as the insertion of a guidewire and the use of a balloon-based catheter -- similar to that employed in balloon dilation procedures -- will be familiar.

BASIC STEPS FOR THE CIRCUMFERENTIAL ABLATION USING THE BARRX™ RFA SYSTEM:

1. **SIZE:**
   The Barrx™ 360 Soft Sizing Balloon is introduced to measure the diameter of the esophagus.

2. **ABLATE:**
   The Barrx™ 360 RFA Balloon Catheter is introduced over a guidewire and ablative energy is delivered. The catheter is moved distally to treat all targeted tissue.

3. **CLEAN & REPEAT:**
   Clean & Repeat: The coagulum is removed from the ablation zone with the Barrx™ RFA Cleaning Cap mounted on the endoscope. The electrode surface of the ablation catheter is cleaned outside the body.

**THE ABLATION STEPS ARE REPEATED.**
Components and Accessories of the Barrx™ 360 RFA Balloon Catheter

**BARRX™ FLEX RFA ENERGY GENERATOR**
Proprietary RF Energy Generator automates the sizing procedure, sets the ablation parameters, and supplies energy to the Barrx™ 360 Soft Sizing Balloon and the Barrx™ 360 RFA Balloon Catheter.

**BARRX™ 360 SOFT SIZING BALLOON**
Compatible with the Barrx™ Flex RFA Energy Generator to measure the esophageal inner diameter.
- Single Patient Use Sizing Balloon
- Balloon length: 4cm
- Balloon unconstrained nominal diameter: 47.5mm (4psi)
- Catheter shaft diameter: 7mm
- Catheter shaft working length: 85cm
- Barrx™ 360 Soft Balloon Filter (Included with the Barrx™ 360 Soft Sizing Balloon)

**BARRX™ 360 RFA BALLOON CATHETER**
RF bipolar electrode balloon ablation catheter designed for larger treatment areas.
- Single Patient Use Ablation Catheter
- Packaged individually
- Balloon length: 4 cm
- Electrode length: 3 cm
- Catheter shaft working length: 85 cm
- Catheter shaft diameter: 7 mm.

**BARRX™ RFA CLEANING CAP**
Designed to facilitate removal of ablated esophageal tissue in conjunction with the Barrx™ 360 RFA Balloon Catheter. Each single-use Cap mounts on the distal end of a flexible endoscope.
- Barrx™ RFA Cleaning Cap – Small: Order Number CP-001A
  - Recommended for endoscopes with diameters between 8.8 mm and 9.7 mm.
  - Compatibility assessed for the following Olympus endoscope models: GIF-160, GIF-Q180, and GIF-Q160
- Barrx™ RFA Cleaning Cap – Medium: Order Number CP-002A
  - Recommended for endoscopes with diameters between 9.8 mm and 11.1 mm
  - Compatibility assessed for Olympus endoscope model GIF-H180

**BARRX™ RFA ENDOOSCOPIC GUIDEWIRE**
Barrx™ Guidewire facilitates the exchange of the Barrx™ 360 RFA Balloon Catheter and Barrx™ 360 Soft Sizing Balloon.

**BARRX™ RFA CART**
Designed to accommodate the Barrx™ Flex RFA Energy Generator.
- Overall dimensions: Height: 42.5” Width: 22.5” (34” w/trays) Depth: 23”
- Net Weight: 100 lbs.