

Magical Magnetic Device for Gastro Esophageal Reflux Disease

Patients with **GERD** (gastro esophageal reflux disease) typically experience burning pain and regurgitation as a result of stomach juices (acidic) refluxing into the esophagus. These acidic juices are harmful to the lining of the esophagus and are prevented from entering the esophagus because of patent lower esophageal sphincter. Loss of sphincter function will result in GERD.

Chronic exposure of the esophagus to reflux may lead to numerous complications including

- Ulcerations,
- Barrett's esophagus (pre-malignant condition)
- Esophageal cancer.

The incidence of esophageal cancer is on the rise.

People who do not benefit from drug therapy or need life long therapy are a candidate for surgical (lap fundoplication) treatment. However, laparoscopic fundoplication has its own problems like dysphagia, gas bloat syndrome and recurrence.

We would like to discuss a new technique for GERD. The new technique is designed to augment an abnormal sphincter and restores its barrier function. The new device(LINX system) is a **ring** of interlinked, **miniature titanium beads** with **magnetic** cores. The device is placed around the esophagus just above the stomach using a standard laparoscopic procedure. The design is intended to augment the existing sphincter, preventing it from opening to acid and other reflux. When swallowing, the beads can momentarily separate, allowing food to pass into the stomach; magnetic attraction between beads helps the device to close. Patients are expected to resume normal activities and a normal diet upon discharge on the **same day** of procedure.

LINX™ System Training

Policlinico San Donato, Milan, Italy

July 28th-29th



July 28th:	Dinner at Stendahl Via Ancona (dress casual)	
	Depart Hotel	19:50
July 29th:	LINX™ Training at Policlinico San Donato	
	Depart Hotel	7:00
	Didactic Sessions and Procedure Observation	
	Depart Hospital	14:00

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