

NOVEL ANTI REFLUX BARIATRIC SURGERY: LAPAROSCOPIC REVISION OF GASTRIC BAND TO NISSEN FUNDOPLICATION AND SLEEVE GASTRECTOMY FOR GERD

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In this video we present the case of a 32-year old lady without co-morbidity (BMI 35kg/m²) who presented with severe gastro-oesophageal reflux (GERD) having previously undergone an laparoscopic gastric banding in 2011 (original BMI 34kg/m²) to aid weight loss. The barium swallow demonstrated impaired motility in the entire oesophagus with gastro-oesophageal reflux to the level of the mid-oesophagus. Although Roux-en-Y gastric bypass would be an ideal revisional procedure for GERD but she considered it was too drastic procedure for weight loss with risk of long term complications. Therefore, a novel anti-reflux sleeve gastrectomy with combination of Nissen fundoplication and sleeve gastrectomy was undertaken. The patient made an uncomplicated recovery and was discharged on postoperative day 3 with ameliorated reflux symptoms. At 4 months, her BMI was 29.7 kg/m² and EWL 19.6% with completely resolved GERD.

This video will illustrates the important steps for performing this novel procedures. This innovative bariatric procedure is suitable for 1) low BMI patient with severe GERD; 2) patient with pre-existing antireflux procedure who need obesity surgery, avoiding unnecessary risk of taking down the gastric wrap.