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Endoscopic Stents in the Management of Anastomotic Complications after Foregut Surgery: New Applications and Techniques

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***Surgery for Obesity and Related Diseases* Title Page**

Title: Endoscopic stents in the management of anastomotic complications after foregut surgery: new applications and techniques.

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Abstract

Background: Anastomotic complications after foregut surgery include leaks, fistulas, and late strictures. The management of these complications can be challenging, and it may be desirable to avoid complex reoperation.

Objective: We aim to describe the indications and outcomes of the use of esophageal self-expanding metal stents in the management of postoperative anastomotic complications after foregut surgery.

Setting: Tertiary referral academic medical center.

Methods: We performed a retrospective review of a prospectively managed database. Data was collected on patient demographics, workup, intra-procedure findings, and outcomes.

Results: From October of 2009 to November of 2014, 47 patients (mean age 51.1, 36 women and 11 men) underwent endoscopic stent placement for anastomotic complication following upper gastrointestinal (UGI) surgery. The median time from index operation to endoscopic stent

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