

## JOINT EVENT

10<sup>th</sup> International Conference on **Childhood Obesity and Nutrition**  
&  
2<sup>nd</sup> International Conference on **Metabolic and Bariatric Surgery**

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**Laparoscopic wedge resection of gastrojejunostomy for weight recidivism after gastric bypass****Aly Elbahrawy**

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**Background & Aim:** Weight recidivism after Roux-en-Y gastric bypass (RYGB) is a common problem. Often, this weight loss failure or regain may be due to a wide gastrojejunostomy (GJ). We evaluated the feasibility and safety of a novel approach of laparoscopic wedge resection of gastrojejunostomy (LWGJ) for a wide stoma after RYGB associated with weight recidivism.

**Methods:** This is a single-center retrospective study of a prospectively-collected database. We analyzed outcomes of patients with weight recidivism after RYGB and a documented wide GJ (>2 cm) on imaging, who underwent LWGJ between 11/2013-05/2016.

**Results:** Nine patients underwent LWGJ for dilated stomas. All patients were female with a mean±SD age of 53±7 years. Mean interval between RYGB and LWGJ was 9±3 years. All cases were performed laparoscopically with no conversions. Mean operative time and hospital stay were 86±9 minutes and 1.2±0.4 days, respectively. The median (IQR) follow-up time was 14 (12-18) months. During follow-up, there were no deaths, postoperative complications or unplanned readmissions or reoperations. The mean and median (IQR) BMI before RYGB and LWGJ were 55.4±8.1 kg/m<sup>2</sup> and 56.1 (47.9-61.7) and 43.4±8.6 kg/m<sup>2</sup> and 42.1 (38.3-47.1), respectively. One year after LWGJ, mean and median (IQR) BMI significantly decreased to 34.9±7.3 kg/m<sup>2</sup> and 33.3 (31.7-35.0) corresponding to a mean %EWL of 64.6±19.9 (P<0.05).

**Conclusion:** LWGJ is safe and can lead to further weight loss in patients experiencing weight recidivism after RYGB with a wide GJ (>2 cm). Long-term follow-up is needed to determine the efficacy and durability of LWGJ and compare its outcomes with other endoscopic/surgical approaches for weight recidivism after RYGB with a documented wide GJ.

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