Revisional Bariatric Surgery : An East Asian Experience

Revision Of Roux-en-Y Gastric Bypass to Sleeve Gastrectomy with Laparoscopic Jejunal Bypass

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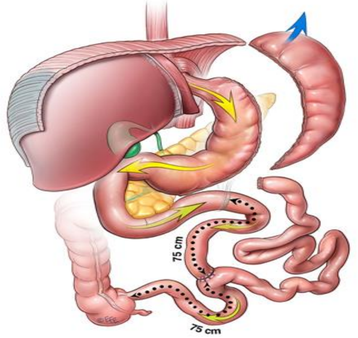
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Introduction :

Revisional Bariatric Surgery has grown in numbers as a significant number of patients experience weight regain and relapse of metabolic syndrome (type 2 diabetes and hypertension) following primary bariatric surgical procedures (Sleeve gastrectomy or Roux en Y Gastric Bypass). Revisional Bariatric Surgery is challenging as it requires shared decision making, necessity of carrying out a safe surgical procedure , with a smooth postoperative course which meets the goals of loss of expected weight loss and remission of metabolic syndrome without the sequalae of postoperative syndromes and nutritional disorders .

Laparoscopic Proximal Jejunal Bypass with Sleeve Gastrectomy (LPJBSG) is a primary and revisional surgical procedure which meets the above criteria and has been successfully performed at our center since 2017.

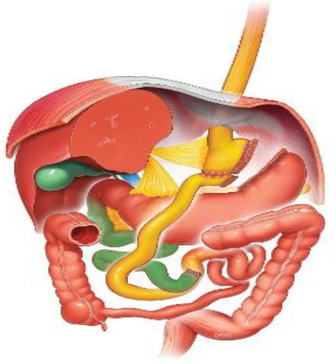
We present our experience of revision of Roux en Y Gastric Bypass (RYGB) to LPJBSG.



LPJBSG

Methods and procedures

Six patients who had experienced either significant weight regain (upto BMI : 45 kg/m2) or relapse of Type 2 Diabetes following Roux en Y Gastric Bypass as a primary bariatric surgical procedure , were operated for LPJBSG. All patients were carefully worked up and optimally prepared for the revisional procedure. Our technique is first ,to take down the roux en y gastric bypass, restoring the gastric continuity, and performing a standard sleeve gastrectomy . Second, the previous Jejunal jejunal anastomosis is taken down and a new jejunal jejunal anastomosis is constructed such that there is total alimentary limb length of 300 cm and the rest is turned into a blind limb.



RYGB

Results and Follow up:

All the patients had a smooth postoperative course and were managed on the surgical floor on a standard postoperative protocol: allowed sips of water on the first postop to a liquid diet on discharge. Analgesic requirements were moderate and all had an early ambulation. All patients were followed up in the Clinic and all of the patients met the expected weight loss criteria.

Conclusion:

LPJBSG is a safe bariatric surgical procedure for treatment of weight regain following RYGB.