

Conversion from Laparoscopic sleeve gastrectomy to Laparoscopic Roux-en-Y gastric bypass, step by step

abstract

Laparoscopic sleeve gastrectomy (LSG) has gained popularity as definitive bariatric procedure due to excellent weight loss and remission of comorbidity. However, weight loss failure, weight regain and severe gastroesophageal reflux disease could happen and necessitate further surgical intervention. Conversion of LSG to laparoscopic Roux-en-Y gastric bypass (LRYGB) is an great option for solve this problem. This video presentation demonstrate surgical technique and skill combine with intraoperative EGD during to perform LRYGB in patient with weight regain after LSG in King Chulalongkorn Memorial Hospital (KCMH)

method

video presentation in this link :

<https://drive.google.com/file/d/0BwWI-IHwyFfbjBDVTNtdTJzS1k/view?usp=sharing>

A patient profile is a Thai male ,44 yrs

- underlying disease : HT ,OSA ,DLP
- BW 164 ,BMI = 48 kg/m²
- s/p LSG April 2013
- Weight loss from 164 to 103.5 Kg (%EWL= 77%) at 2 years after LSG
- Weight regain up to 134.5 kg (BMI = 39 kg/m²)
- conversion to LRYGB in August 2015

result

we have follow the patient 1 year after surgery and found that his weight 87 kg (%EWL = 95%) and healthy

conclusion

Remain of gastric fundus could be cause of weight regain after LSG. Conversion from previous LSG to LRYGB is a salvage procedure and give the promising result. Intraoperative EGD was useful for evaluate gastric fundus and make adequate pouch