

AB013. OP-13 Laparoscopic approach to gastrogastic fistula and enteroenterostomy anastomosis stricture after laparoscopic gastric bypass

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Abstract: The aim of this study is to present a laparoscopic revision of the patient who developed gastrogastic fistula and enteroenterostomy anastomosis stenosis after gastric bypass. A 56-year-old female patient with a body mass index (BMI) of 63.2 kg/m² underwent laparoscopic Roux-en-Y gastric bypass. The patient was discharged without any problems except intermittent abdominal pain. Complaints were alleviated by medical treatment. Patient admitted to our clinic with the complaints of nausea and vomiting in the next months. Gastroscopy was performed for suspicion of gastrojejunostomy stenosis. Gastrogastic fistula and almost completely narrowed gastrojejunostomy were observed during gastroscopy. Patient underwent laparoscopic surgery on the 15th postoperative month. Narrowed gastrojejunostomy anastomosis and combined gastric pouch with gastric remnant were intraoperative findings. Biliopancreatic limb was considerably dilated. Enteroenterostomy anastomosis line was narrow. Fistulizing intestinal segment was resected. Gastric pouch and gastrojejunostomy were reconstructed. Following, enteroenterostomy was performed again distally below the previous narrowed segment. Vomiting and nausea complaints were disappeared after surgery. BMI of the patient was 38.2 kg/m² before revision and decreased to 30 kg/m² three months after second operation.

Gastroenterostomy anastomosis narrowing should be considered in the presence of the complaints such as nausea and vomiting after Roux-en-Y gastric bypass procedures. This narrowings may lead to gastrogastic fistulas. Gastroenterostomy anastomosis stenosis, gastrogastic fistula and Enteroenterostomy anastomosis stenosis were observed in our case simultaneously. All of complications were treated successfully by using laparoscopic approach.

Keywords: Enteroenterostomy anastomosis stenosis; gastric by-pass; gastrogastic fistula; gastrojejunostomy anastomosis stenosis

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