



Ivor Lewis Oesophagectomy for a Distal Adenocarcinoma of the Oesophagus 10 Years After Roux-en-Y Gastric Bypass (RYGB)

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Published online: 20 May 2019

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Keywords Ivor Lewis · Oesophageal carcinoma · Roux-en-Y gastric bypass · Revisional bariatric surgery

Introduction

A 52-year-old male patient who underwent RYGB in 2007 presents with dysphagia and anaemia 10 years after surgery.

Gastroscopy shows a suspicious lesion at the gastro-oesophageal junction. The biopsy concludes an invasive adenocarcinoma. Further imaging showed a T2N0 lesion.

Objective

The patient was referred to our service for primary resection of the tumour, challenged by previous gastric bypass surgery.

Electronic supplementary material The online version of this article (<https://doi.org/10.1007/s11695-019-03938-w>) contains supplementary material, which is available to authorized users.

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Method

We performed a modified Ivor Lewis oesophagectomy with complete laparoscopic mobilisation of the distal oesophagus, gastric pouch and alimentary limb, lymph node dissection and mobilisation of the bypassed gastric remnant preserving the right gastroepiploic artery. The alimentary limb was stapled at the level of the jejunojejunostomy.

Through a right thoracotomy, the above structures were mobilised into the right thoracic cavity where transection of the oesophagus and upper portion of the tubulated, previously bypassed, gastric remnant occurred and manual oesophagogastrostomy was made. In this way, a laparotomy was avoided.

Result

Operative time was 3 h and 45 min. There were no postoperative complications. Gastrografin swallow showed no signs of leakage and oral feeding could be augmented. We discharged the patient on postoperative day 12. Follow-up at 4 months was favourable.

Pathology showed an invasive, poorly differentiated adenocarcinoma of the distal oesophagus without lymph node metastasis (TNM: pT3N0).

Conclusion

We state that a modified Ivor Lewis oesophagectomy for distal oesophageal cancer after RYGB is safe and feasible, though technically challenging.

Compliance with Ethical Standards

Conflict of Interest The authors declare that they have no conflict of interest.

Ethical Approval Statement This article does not contain any studies with human participants or animals performed by any of the authors.

Informed Consent Statement Does not apply.

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