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## VISCERAL SURGERY VIDEOS

# Robotic total gastrectomy with Roux-en-Y reconstruction for gastric cancer (with video)<sup>☆</sup>



*Gastrectomie totale robotisée avec reconstruction de Roux-en-Y pour cancer gastrique (avec vidéo)*

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### KEYWORDS

Gastric cancer;  
Robotic total  
gastrectomy;  
Oeso-jejunal  
anastomosis;  
Roux-en-Y  
reconstruction;  
Nodes dissection

Since the first robotic cholecystectomy, robotic surgeries have been widely applied in many specialties [1]. However, reports on robotic total gastrectomy are limited. This video shows a 69-year-old female patient diagnosed with an advanced gastric cancer during routine esophagogastrosopy. The gastric lesion was identified on the lesser curvature side of the upper body, and endoscopic biopsy confirmed poorly differentiated adenocarcinoma. The patient underwent an abdominal computed tomography scan, and a 2 cm sized well enhancing mass lesion was also found incidentally on the lower pole of the right kidney, which was suggestive of renal cell carcinoma. The patient underwent a robotic total gastrectomy. The patient was placed in a supine position and five ports were inserted. Complete D2 lymph node dissection around the stomach was performed and detailed in this video (Fig. 1) [2]. After gastric resection and nodes dissection was performed, the robot was undocked and the specimen was removed. Then, an antecolic Roux-en-Y reconstruction was performed (Fig. 2). An intracorporeal side-to-side esophagojejunostomy was performed using an overlap method [3]. The operation took 353 min without intraoperative complications and blood loss of 190 mL. Final pathological examination showed poorly differentiated adenocarcinoma (TNM stage IIIA). The patient was discharged uneventfully on postoperative day 11. At three months, the patient had no evidence of late complications or tumor recurrence. This video shows the different steps necessary to follow for performing a robotic total gastrectomy for cancer. It could be usefull for all surgeons needing to perform a total gastrectomy with nodes dissection.

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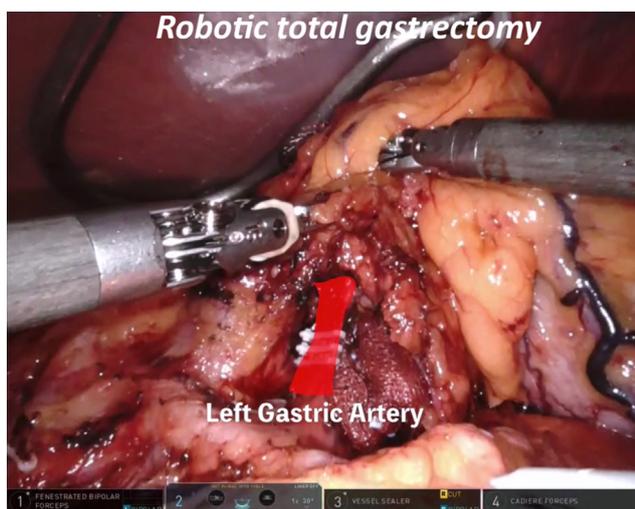


Figure 1. Video extract.

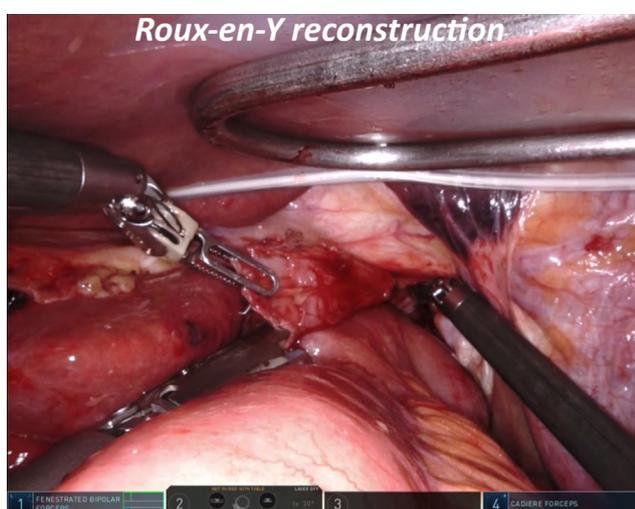


Figure 2. Video extract.

## Appendix A. Supplementary data

Supplementary data associated with this article can be found, in the online version, at <https://doi.org/10.1016/j.jviscsurg.2019.06.004>.

## Disclosure of interest

The authors declare that they have no competing interest.

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