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Laparoscopic Conversion Surgery After Three Years of **Palliative Chemotherapy for Unresectable Advanced Gastric** Cancer

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Unresectable advanced gastric cancer remains a challenge in treatment, often requiring a multidisciplinary approach. Numerous studies have emphasized the role of palliative chemotherapy as the mainstay treatment for unresectable advanced gastric cancers. Some patients may still require conversion surgery to achieve survival gain and palliation. Several recent papers have shown the safety of laparoscopic gastrectomy after neoadjuvant chemotherapy for advanced gastric cancer. However, there is a difference between neoadjuvant chemotherapy and palliative chemotherapy in terms of the duration of chemotherapy (about 3 months vs. more than 6 months) and the initial state of advanced gastric cancer (resectable vs. unresectable and/or metastatic). To date, the safety and efficacy of laparoscopic gastrectomy after long-term palliative chemotherapy has been rarely reported. This video aims to share our experience in performing laparoscopic distal gastrectomy with D2 lymph node dissection after 3 years of palliative chemotherapy for an unresectable advanced gastric cancer.

Chapter Summary

00:00:01 Introduction 00:00:10 Case summary 00:00:26 History of present illness 00:00:30 Initial chemotherapy endoscopy 00:00:36 Radiology: initial CT scan (snapshot) 00:01:04 Preoperative work-up: repeat endoscopy 00:01:09 Preoperative work-up: repeat CT scan 00:01:20 Liver retraction 00:01:53 Marking of anatomical structures 00:02:00 Gastrocolic dissection 00:02:24 Division of the left gastro-epiploic vessels 00:02:46 Total omentectomy 00:02:56 Infra-pyloric dissection 00:03:28 Division of the right gastro-epiploic and in-

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fra-pyloric vessels 00:04:48 Supra-pyloric dissection 00:05:12 Division of the right gastric artery 00:05:30 Division of duodenum 00:05:48 Supra-pancreatic lymph node dissection 00:08:10 Division of the left gastric artery 00:10:14 Dissection of proximal lesser curvature 00:10:19 Proximal gastric transection 00:10:59 Billroth II reconstruction 00:12:13 Course in the wards 00:12:33 Specimen 00:12:36 Pathology report

Disclosure

Hyuk-Joon Lee is the president of the Korean Surgical Skill Study Group and Seong-Ho Kong is an editorial board member of the journal, but they were not involved in the peer reviewer selection, evaluation, or decision process of this article. No other potential conflicts of interest relevant to this article were reported.

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