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Name of Journal: *World Journal of Clinical Cases*

Manuscript NO: 51683

Manuscript Type: CASE REPORT

Total laparoscopic segmental gastrectomy for gastrointestinal stromal tumors: A case report

Yi-Xing Ren, Ming He, Peng-Cheng Ye, Shou-Jiang Wei

Abstract

BACKGROUND

Gastrointestinal stromal tumors (GISTs) are lesions that originate from digestive tract walls. Several laparoscopic techniques, including local resections, wedge resections and partial gastrectomies, have been used successfully. However, there are no reports on laparoscopic segmental gastrectomy for GISTs.

Match Overview

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| 1 | Internet 33 words
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link.springer.com | 2% |
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Margaret von Mehren. "Management of Gastrointestinal Stromal Tumors", Surgical Clinics of North America, 2016 | 1% |
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Laparoscopic Subtotal Gastrectomy for Gastric Cancer

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3015960>

However, applying the **laparoscopic** technique for the resection of **low-grade malignant gastric tumors**, such as **gastrointestinal stromal tumors (GIST)**, 2–4 is gaining more popularity, because a wedge excision is usually sufficient. In Asia, the prevalence of **gastric malignancy** is significantly higher than in the West, and stringent population screening allows for earlier detection of **gastric cancer**, thus the **laparoscopic** ...

LAPAROSCOPIC RESECTION OF GASTROINTESTINAL STROMAL ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4851140>

Aug 20, 2015 · **Gastrointestinal stromal tumors** are complex from its diagnosis to treatment. The patient's baseline characteristics, and surgical specimen immunohistochemistry patterns (CD117 and CD34) are comparable to Brazilian and world literature^{14, 23}. Around 5% of **GISTs** are expected to be CD117 negative. Was observed that incidence in this **series (n=1, 7%)**.

Total gastrectomy and gastrointestinal reconstruction ...

<https://www.uptodate.com/contents/total-gastrectomy...>

The term **total gastrectomy** implies the complete removal of all **gastric tissue**. **Total gastrectomy** is the treatment of choice for certain **gastric tumors**. Periopera

[PDF] Laparoscopic Surgery In The Treatment of Gastrointestinal ...

<https://journals.sagepub.com/doi/pdf/10.1177/1457496914558135>

present the results of **gastrointestinal stromal tumor** treatment with minimally invasive surgery. Material and Methods: The study group included 27 patients operated laparoscopically on **for gastrointestinal stromal tumor** with **laparoscopic** surgery between september 2009 and December 2013.

(PDF) Laparoscopic Subtotal Gastrectomy for Gastric Cancer

<https://www.researchgate.net/publication/>

Total laparoscopic segmental gastrectomy for gastrointestinal stro



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[PDF] Laparoscopic treatment of gastrointestinal stromal ...

<https://journals.sagepub.com/doi/pdf/10.1177/2050313X20934688>

She underwent successful **laparoscopic** small bowel **segmental** resection of the duodenojejunal junction area. **Laparoscopic segmental** resection with side-to-side duodenojejunostomy for a **gastrointestinal stromal tumor** at the duodenojejunal junction is an advanced and challenging procedure requiring experience and a good surgical technique. Keywords

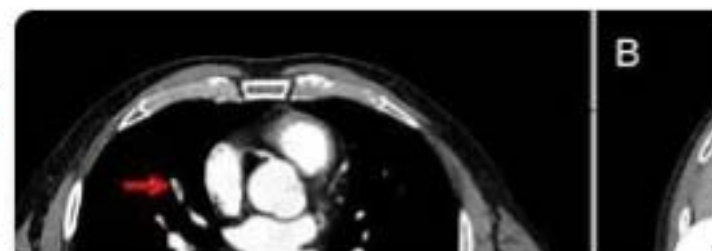
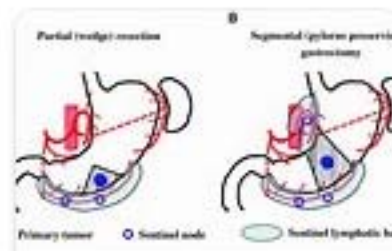
Laparoscopic Total Gastrectomy for a Giant ...

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Laparoscopic Total Gastrectomy for a Giant Gastrointestinal Stromal Tumor (GIST) With Acute Massive Gastrointestinal Bleeding: A Case Report. Gastrointestinal stromal tumors (GISTs) include **80%** of gastrointestinal mesenchymal tumors that originate from interstitial Cajal cells and include 0.1-3% of GI malignancies, and the stomach is the most commonly involved organ.

Author: Mohammad Kermansaravi, Samaneh ... **Publish Year:** 2017

Images of total Laparoscopic Segmental gastrectomy for Gast... [bing.com/images](https://www.bing.com/images)





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Laparoscopic Total Gastrectomy for a Giant ...

<https://pubmed.ncbi.nlm.nih.gov/29062454>

Laparoscopic Total Gastrectomy for a Giant Gastrointestinal Stromal Tumor (GIST) With Acute Massive Gastrointestinal Bleeding: A Case Report. Gastrointestinal stromal tumors (GISTs) include 80% of **gastrointestinal mesenchymal tumors** that originate from interstitial Cajal cells and include 0.1-3% of GI malignancies, and the **stomach** is the most commonly involved organ.

Author: Mohammad Kermansaravi, Samaneh ... **Publish Year:** 2017

Gastric gastrointestinal stromal tumors: clinical features ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6528128>

The **survival rate** in the group treated via **laparoscopy** was 93.4%. None of the three deaths in the study group was due to neoplasm. Kim et al. **reported** a 5-year **survival rate** of 98.6% and 94.8% of patients without progression of the disease.

Author: Maciej Stanek, Magdalena Pisarska, ... **Publish Year:** 2019

Laparoscopic total gastrectomy for multiple sporadic ...

<https://www.ncbi.nlm.nih.gov/pubmed/22045229>

Based on his family history, we diagnosed familial multiple **gastric gastrointestinal stromal tumors** (GISTs) and performed **laparoscopic total gastrectomy**. Three distinct **tumors** were found: one in the fornix, one in the lesser curvature of the angle, and one in the antrum of the stomach. Microscopic examination of the resected specimens revealed different cytomorphologies, of the spindle and epithelioid type, as well as immunophenotypes in the **tumors**.

Cited by: 4 **Author:** Akihisa Fujimoto, Toshihiro Kobayashi, S...

Publish Year: 2012

(PDF) Laparoscopic total gastrectomy for a giant ...

<https://www.researchgate.net/publication/317262804...>

Laparoscopic total gastrectom y for a giant **gastrointestinal stromal tumor** (GIST) with acute

<https://pubmed.ncbi.nlm.nih.gov/29062454/> **gastrointestinal b** leeding: **a case report** 3 suggested a grade 2 spindle cell type GIST , in the