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Manuscript Type: ORIGINAL ARTICLE

Retrospective Study

Investigation of influencing factors of surgery treatment of duodenal gastrointestinal stromal tumors

Wu YZ *et al.* Duodenal GIST

Yun-Zi Wu, Yang Li, Ming Wu, Xiao-Hao Zheng, Yan-Tao Tian, Yi-Bin Xie

Abstract

BACKGROUND

Match Overview

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Objective: To evaluate the clinical characteristics and survival factors of patients with **duodenal gastrointestinal stromal tumors** (GIST). Methods: The clinical data of 41 patients with **duodenal GIS...**

[Surgery for Duodenal Gastrointestinal Stromal Tumors: A ...](#)

<https://pubmed.ncbi.nlm.nih.gov/28914399>

Background: The **duodenal gastrointestinal stromal tumors** (GISTs) are an extremely rare subset of GISTs. The optimal surgical procedure remains not well defined. Aims: We assessed the surgical...

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Author: Ping Chen, Tianqiang Song, Xin Wang, H...

Publish Year: 2017

[Surgery for duodenal gastrointestinal stromal tumor: A ...](#)

<https://pubmed.ncbi.nlm.nih.gov/30853211>

The purpose of this study is to assess the clinical outcomes and prognostic factors for survival of patients with **duodenal gastrointestinal stromal tumors** (GIST) who underwent...

Cited by: 3

Author: Yanming Zhou, Xuefeng Wang, Xiaoying ...

Publish Year: 2020

[\(PDF\) Surgical Strategy and Outcomes in Duodenal ...](#)

<https://www.researchgate.net/publication/308092327...>

Duodenal gastrointestinal stromal tumours (DGISTs) are independent undifferentiated mesenchymal tumours, and they only account for 2-5% of all **gastrointestinal stromal tumours** [1] [2] [3][4][5 ...

[\(PDF\) Duodenal gastrointestinal stromal tumors ...](#)

<https://www.researchgate.net/publication/281813855...>

Gastrointestinal stromal tumors (GIST) constitute 1-3% of all **gastrointestinal malignancies** and is the most common mesenchymal tumor of the **gastrointestinal tract**.

[Surgical management and outcomes of duodenal ...](#)

<https://pubmed.ncbi.nlm.nih.gov/30888748>

Background and study aims: This retrospective study purports to examine these characteristics and compare the surgical procedures available and appropriate for the **treatment** of patients affected by...

Cited by: 1

Author: L. Gu, P. A. Khadaroo, M. Chen, H. Qian, H.

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[Surgery for gastrointestinal stromal tumors of the stomach](#)

<https://pubmed.ncbi.nlm.nih.gov/19357931>

Background: Gastrointestinal stromal tumors (GISTs) are the main mesenchymal neoplasms in the gastrointestinal tract. Tumor size, mitotic rate, and location correlate with potential malignancy and recurrence rate. Results of surgical treatment of gastric GIST are analyzed with emphasis on recurrence of disease after intermediate follow-up.

Cited by: 72

Author: Gerd R. Silberhumer, Martin Hufschmid, ...

Publish Year: 2009

[Surgery of upper GI gastrointestinal stromal tumors: our ...](#)

<https://www.ncbi.nlm.nih.gov/pubmed/25911874>

BACKGROUND/AIMS: To review our treatment experience of gastrointestinal stromal tumors (GISTs) of the upper gastrointestinal tract and identify the prognostic factors that influence tumor recurrence. METHODOLOGY: Data of 46 consecutive patients with upper GI GISTs who underwent surgery from 1988 to 2011 were reviewed.

Cited by: 2

Author: Wisit Kasetsermwiriya, Wisit Kasetserm...

Publish Year: 2015

[Prognostic characteristics of duodenal gastrointestinal ...](#)

<https://bjssjournals.onlinelibrary.wiley.com/doi/full/10.1002/bjs.9831>

May 18, 2015 · This study evaluated the clinical characteristics, surgical procedures and prognosis of duodenal gastrointestinal stromal tumours (GISTs). Methods. Patients with a diagnosis of primary duodenal GIST treated between January 2000 and December 2012 were analysed.

Cited by: 15

Author: Q. Zhang, C.-H. Shou, J.-R. Yu, W.-L. Ya...

Publish Year: 2015

[Duodenal gastrointestinal stromal tumors: Review on ...](#)

<https://www.sciencedirect.com/science/article/pii/S1743919112007649>

Jan 01, 2012 · 1. Introduction. Gastrointestinal stromal tumors (GISTs) represent the most common tumor of mesenchymal origin arising in the gastrointestinal tract (GI tract).1, 2 They often express c-kit protein and react with CD-117 antibody.1, 2 These tumors can arise everywhere in the GI tract, even though they are more frequently found in the stomach (about 60%), small bowel (about 25%), colon ...

Cited by: 12

Author: G. Cavallaro, A. Polistena, G. D'Ermo, G....

Publish Year: 2012

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[Surgery for duodenal gastrointestinal stromal tumor: A ...](#)
<https://pubmed.ncbi.nlm.nih.gov/30853211>

The purpose of this study is to assess the clinical outcomes and prognostic **factors** for survival of patients with **duodenal gastrointestinal stromal tumors** (GIST) who underwent pancreaticoduodenectomy (PD) or local resection (LR). PubMed database was searched for relevant studies. A meta-analysis was ...

Cited by: 4 **Author:** Yanming Zhou, Xuefeng Wang, Xiaoying Si, ...
Publish Year: 2020

[Surgery for Duodenal Gastrointestinal Stromal Tumors: A ...](#)
<https://pubmed.ncbi.nlm.nih.gov/28914399>

Background: The **duodenal gastrointestinal stromal tumors** (GISTs) are an extremely rare subset of GISTs. The optimal surgical procedure remains not well defined. Aims: We assessed the surgical approach and long-term outcomes of patients with **duodenal** GISTs who underwent limited resection (LR) versus pancreaticoduodenectomy (PD).

Cited by: 6 **Author:** Ping Chen, Tianqiang Song, Xin Wang, Hon...
Publish Year: 2017

PEOPLE ALSO ASK

Why are so many GISTs not diagnosed before surgery?

How can you tell if you have a gastrointestinal stromal tumor?

What happens if a tumor breaks through the GI tract?

Feedback

[Surgery of upper GI gastrointestinal stromal tumors: our ...](#)
<https://www.ncbi.nlm.nih.gov/pubmed/25911874>

BACKGROUND/AIMS: To review our **treatment** experience of **gastrointestinal stromal tumors** (GISTs) of the upper **gastrointestinal** tract and identify the prognostic **factors** that **influence** tumor recurrence.

METHODOLOGY: Data of 46 consecutive patients with upper GI GISTs who underwent **surgery** from 1988 to 2011 were reviewed.

Cited by: 0 **Author:** Wisit Koo...
Publish Year: 2017

Gastrointestinal Stromal Tumors (Gists)

Medical condition

Symptoms Diagnosis Causes Treatments >

A gastrointestinal stromal tumor (GIST) is a type of tumor that occurs in the gastrointestinal tract, most commonly in the stomach or small intestine.

NIH

Symptoms

The symptoms depend on the size of the tumor and where it's located. Because of this, symptoms often vary in severity and from one person to another.

Some of the more common symptoms include:

- bloody stools
- pain or discomfort in the abdomen
- nausea and...

[Read more on Healthline](#)

Causes

There are only a few known risk factors for GISTs:

Age

The most common age to develop a GIST is between 50 and 80. While GISTs can happen in people younger than 40, they are extremely rare.

Genes

The majority of GISTs happen randomly and have no...

[Read more on Healthline](#)

Treatments