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Gastrinoma and the Zollinger-Elison Syndrome – All You ...

<https://thehealthyville.com/health/gastrinoma>

Zollinger-Elison syndrome is a condition in which one or more tumors form in the pancreas or duodenum, which is the upper part of the small intestine. These tumor is called **gastrinoma**. The **gastrinoma** secretes a hormone called **gastrin** in large amounts. This leads to the stomach producing more acid than normal.

Zollinger-Elison syndrome (gastrinoma): Clinical ...

<https://www.uptodate.com/contents/zollinger-ellison...>

Apr 20, 2020 • Zollinger Elison (ZES) syndrome is characterized by gastric acid hypersecretion resulting in severe acid-related peptic disease and diarrhea [1,2]. The clinical manifestations and diagnosis of ZES will be reviewed here. The management of ZES is discussed separately. (See "Management and prognosis of the Zollinger-Elison syndrome (gastrinoma)".)

PEOPLE ALSO ASK

- How are tumors treated in Zollinger Elison syndrome? ▾
- What organs are affected by Zollinger Elison syndrome? ▾
- What are the signs and symptoms of Zollinger-Elison syndrome? ▾
- How does a doctor test for Zollinger Elison? ▾

Zollinger Elison Syndrome

Medical Condition

A condition where the body produces an excess of the gastrin hormone.

- 📊 Extremely rare (Fewer than 1,000 cases per year in US)
- 🧪 Requires lab test or imaging
- 👨‍⚕️ Treatment from medical professional advised
- ⌚ Can last several months or years

The exact cause is unknown, but the condition develops with tumors called **gastrinomas** which are found at the head of the pancreas and upper small intestine. Some of the symptoms include abdominal pain, weight loss, nausea and vomiting, loss of appetite, bloating, burping and diarrhea. The methods of managing this disease include medication and surgery.

Symptoms

Symptoms can include:

- Nausea
- Vomiting
- Abdominal pain
- Diarrhea
- Weight loss
- Loss of appetite

A Duodenal Gastrinoma in a Patient with Diarrhea and ...

<https://www.nejm.org/doi/full/10.1056/NEJM199509073331005>

The **Zollinger–Ellison syndrome** manifests itself in 90 to 95 percent of cases as severe peptic ulcer disease. 1 About half the time, the ulcer disease is associated with diarrhea, and in ...

Cited by: 28

Author: Thomas Zimmer, Ulrich Stölzel, Michael Bä...

Publish Year: 1995

Zollinger-Ellison syndrome: classical considerations and ...

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Dec 06, 2013 · Compare the approaches to **management** of sporadic and MEN-1 associated **Zollinger-Ellison syndrome** variants. Discuss the controversies in surgical and medical **management** of **Zollinger-Ellison syndrome**. Keywords: **Gastrinoma**, Peptic ulcer, Multiple endocrine neoplasia type 1, Gastric acid

Cited by: 58

Author: Irene Epelboym, Haggi Mazeh

Publish Year: 2014

(PDF) Zollinger-Ellison Syndrome: Classical Considerations ...

https://www.researchgate.net/publication/259249515_Zollinger-Ellison_Syndrome...

Dec 06, 2013 · The **Zollinger–Ellison syndrome** (ZES) is caused by a gastrin-secreting neuroendocrine tumor, also referred to as **gastrinoma**. The annual incidence is ...

Estimated Reading Time: 6 mins

Current Management of the Zollinger-Ellison Syndrome ...

Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 64504

Manuscript Type: REVIEW

Gastrinoma and Zollinger Ellison syndrome: A roadmap for the management between new and old therapies

Controversies regarding gastrinoma and Zollinger Ellison syndrome

Abstract

Zollinger-Ellison (ZES) syndrome associated with pancreatic or duodenal gastrinoma is characterized by gastric acid hypersecretion, which typically leads to gastroesophageal reflux disease, recurrent peptic ulcers, and chronic diarrhea. As symptoms of ZES are nonspecific and overlap with other gastrointestinal disorders, the diagnosis is often delayed with an average time between the onset of symptoms and final diagnosis longer than 5 years. The critical step for the diagnosis of ZES is represented by the

Match Overview

Rank	Source	Words	Percentage
1	Crossref Aaron H. Mendelsohn, Mark Donowitz. "Catching the Zebra: Clinical Pearls and Pitfalls for the Successful Diagnosis of Zollinger-Ellison Syndrome." <i>Journal of Clinical Endocrinology and Metabolism</i> . 2019.	278	4%
2	Internet www.endo.net	108	2%
3	Internet emedicine.medscape.com	90	1%
4	Crossref Roberta Elisa Rossi, Emanuele Rausa, Federica Cavalcoli, Dario Corle, Sara Massironi. "Duodenal neuroendocrine neoplasms: A review." <i>World Journal of Gastroenterology</i> . 2020.	87	1%
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8	Crossref Brendan M. Finanelli, Thomas J. Fahey. "Advances in the Diagnosis and Management of Gastrinoma." <i>Elsevier BV</i> . 2020.	56	1%

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<https://www.nejm.org/doi/full/10.1056/NEJM199509073331005>

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Cited by: 28

Author: Thomas Zimmer, Ulrich Stölzel, Michael ...

Publish Year: 1995

Primary hepatic gastrinoma: an unusual case of zollinger ...

<https://europepmc.org/article/MED/20567542> ▾

Jan 01, 2010 - Serum gastrin in Zollinger-Ellison syndrome: II. Prospective study of gastrin provocative testing in 293 patients from the National Institutes of Health and comparison with 537 cases from the literature. Evaluation of diagnostic criteria, proposal of new criteria, and correlations with clinical and tumoral features.

Cited by: 9

Author: Joshua T. Evans, Samuel Nickles, Brend...

Publish Year: 2010

Zollinger-Ellison syndrome: classical considerations and ...

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Dec 06, 2013 - Compare the approaches to management of sporadic and MEN-1 associated Zollinger-Ellison syndrome variants. Discuss the controversies in surgical and medical management of Zollinger-Ellison syndrome. Keywords: Gastrinoma, Peptic ulcer, Multiple endocrine neoplasia type ...

Zollinger-Ellison syndrome: recent advances and ...

<https://europepmc.org/articles/PMC5555311> ▾

Nov 01, 2013 - Purpose of review To review the recent advances and current controversies in patients with Zollinger-Ellison syndrome (ZES). Recent findings Recent advances in the management of ZES include: improved understanding of the pathogenesis of gastrinoma and pancreatic neuroendocrine tumors, new prognostic classification systems, new diagnostic algorithms, more sensitive localization studies, new ...

Cited by: 64

Author: Tetsuhide Ito, Hisato Igarashi, Robert T. J...

Publish Year: 2013

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