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**Manuscript Type:** CASE REPORT

**Sinistral portal hypertension associated with pancreatic pseudocysts -  
ultrasonography findings: A case report**

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Dong-Hua Shen, Ting-Ting Jiang

### **Abstract**

#### **BACKGROUND**

Sinistral portal hypertension associated with pancreatic pseudocysts is rare, often caused by extrinsic compression of splenic vein, the follow-up examinations by ultrasonography for early diagnosis are quietly necessary since haematemesis, a life-threatening condition. Few studies have reported the ultrasonography findings of

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| 1 | <b>Crossref</b> 24 words<br>Niccolo Petrucciani, Tarek Debs, Edoardo Rosso, Pietro Addeo et al. "Left-sided portal hypertension after pancreatoduod | 1% |
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<https://pancreas.imedpub.com/sinistral-portal...> ▾

Abstract. **Sinistral portal hypertension** is a clinical syndrome of gastric variceal hemorrhage in the setting of splenic vein thrombosis due to a primary **pancreatic pathology**. The distinguishing features from other forms of **portal hypertension** are preserved liver function and a patent extrahepatic **portal** vein. The important causes include acute and **chronic pancreatitis, pancreatic pseudocysts and pancreatic carcinomas**.

**Cited by:** 16

**Author:** Dinesh Singhal, Rahul Kakodkar, Arvinder S...

**Publish Year:** 2006

## (PDF) Sinistral Portal Hypertension. A Case Report

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**Sinistral portal hypertension** is a clinical syndrome of **gastric variceal hemorrhage** in the setting of **splenic vein thrombosis** due to a primary **pancreatic pathology**. The distinguishing features from...

## Clinical Characteristics and Risk Factors for Sinistral ...

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Aug 10, 2019 · **Sinistral portal hypertension**, also known as **left-sided portal hypertension**, is characterized by isolated **gastric varices** caused by **splenic vein thrombosis** or occlusion following acute or **chronic pancreatitis, pancreatic cyst, walled-off pancreatic necrosis, or pancreatic tumors**, with normal liver function [1–3].

**Cited by:** 2

**Author:** Hui Li, Zhenyu Yang, Feng Tian

**Publish Year:** 2019

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**Bleeding** from **sinistral portal hypertension** is usually from **gastric varices**, but in this reported case was apparently from **portal hypertensive gastropathy**, as demonstrated by **endoscopic SRH**. The observed gastric varices were small and lacked SRH, and the bleeding was mild, more consistent with **portal hypertensive gastropathy** than **gastric varices**. [ 58 ]

**Cited by:** 2      **Author:** Seifeldin Hakim, Jared Bortman, Molly Oro...

**Publish Year:** 2017

## (PDF) Sinistral Portal Hypertension. A Case Report

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## Left-sided portal hypertension caused by peripancreatic ...

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Aug 18, 2020 · Left-sided **portal hypertension** (LSPH) is an extremely rare clinical syndrome, and it is the only form of curable **portal hypertension**. It is primarily caused by **pancreatic disease**, and is **associated** with complications that cause spleen vein compression. Specific symptoms are often lacking, rendering it difficult to diagnose. Splenectomy is the main treatment for cases complicated by variceal ...

**Author:** Dajun Yu, Xiaolan Li, Jianping Gong, Jin...      **Publish Year:** 2020

## Sinistral portal hypertension | Radiology Reference ...

<https://radiopaedia.org/articles/sinistral-portal-hypertension>

**Sinistral portal hypertension** is most commonly found incidentally in **asymptomatic patients**. In **symptomatic patients**, the most common presentation (although rare) is **gastrointestinal bleeding** from esophageal or gastric varices 2. **Splenomegaly** is common (~70%). **Cirrhosis** and **ascites** are not common presenting features 4 .

## (PDF) Sinistral Portal Hypertension: Presentation ...

<https://www.researchgate.net/publication/223983280...>

**Sinistral portal hypertension** occurs when a **pathological process** causes occlusion of the **splenic vein**. The resultant elevated **splenic bed venous pressure** causes formation of **gastric varices** which...

## Portal hypertension

Portal hypertension is hypertension in the hepatic portal system – made up of the portal vein and its branches, that drain from most of the intestine to the liver. Portal hypertension is defined as a hepatic venous pressure gradient. Cirrhosis is the most common cause of portal hypertension; other, less frequent causes are therefore grouped as non-cirrhotic portal hypertension. When it becomes severe enough to cause symptoms or complications, treatment may be given to decrease portal hypertension itself or to manage its complications.



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several causes of **sinistral portal hypertension** presented in the literature with the majority of such cases

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