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*Retrospective Cohort Study*

Pancreatic necrosis and severity were independent risk factors for pancreatic endocrine insufficiency after acute pancreatitis: a long-term follow-up study

Bing-Jun Yu, Nian-Shuang Li, Wen-Hua He, Cong He, Jian-Hua Wan, Yin Zhu, Nong-Hua Lu

**Abstract**

BACKGROUND

Acute pancreatitis (AP) is acute inflammation of the pancreas and the most

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Oct 27, 2017 · The morbidity of DM and IGT in patients with **pancreatic necrosis** was significant higher than that in the non-**pancreatic necrosis** group ( $X^2 = 13.442, P = 0.001$ ). The multiple logistic regression analysis showed that extent of **pancreatic necrosis** < 30% ( $P = 0.012, OR = 0.061$ ) **were** the protective **factors** of **endocrine pancreatic insufficiency**.

**Cited by:** 11 **Author:** Jianfeng Tu, Jingzhu Zhang, Lu Ke, Yue ...

**Publish Year:** 2017

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<https://link.springer.com/article/10.1186/s12876-017-0663-0>

Oct 27, 2017 · Patients could develop **endocrine** and exocrine **pancreatic insufficiency after acute**

## Acute Pancreatitis

Medical condition

Acute pancreatitis is a serious condition where the pancreas becomes inflamed over a short period of time. The pancreas is a small organ located behind the stomach and below the ribcage.

[NHS](#)

### Symptoms

The main symptom of acute pancreatitis is a severe, dull pain around the top of your stomach that develops suddenly.

This aching pain often gets steadily worse and can travel along your back or below your left shoulder blade. Eating or drinking...

[Read more on NHS](#)

### Causes

Most cases of acute pancreatitis are closely linked to gallstones or to alcohol consumption, although the exact cause isn't always clear.

Gallstones

Gallstones are hard pieces of stone-like material that form in your gallbladder. They can trigger...

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### Treatments

Acute pancreatitis is treated in hospital, where you'll be closely monitored for signs of serious problems and given supportive treatment, such as fluids and oxygen.

Many people are well enough to leave hospital after 5-10 days