

**Name of Journal:** *World Journal of Gastroenterology*

**Manuscript NO:** 61519

**Manuscript Type:** ORIGINAL ARTICLE

### *Retrospective Study*

**Intestinal bacterial overgrowth in the early stage of severe acute pancreatitis is associated with acute respiratory distress syndrome**

intestinal bacterial and organ failure

### **Abstract**

#### **BACKGROUND**

In the early stage of acute pancreatitis, a large number of cytokines induced by local pancreatic inflammation seriously damage the intestinal barrier function, and intestinal bacteria and endotoxins enter the blood, causing inflammatory storm, causing multiple organ failure, infectious complications, and other occurrences, eventually leading to death. Intestinal failure occurs earliest in the course of acute pancreatitis, accelerating

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1. Introduction. Severe acute pancreatitis (SAP) is a serious systemic disease with high mortality of about 15–30% with high morbidity of acute lung injury, acute kidney injury, and impairment of intestinal motility []. A large scale retrospective placebo-controlled clinical trial indicated that Da-Cheng-Qi decoction (DCQD) could exert significant effects on reducing mortality in patients ...

Cited by: 13

Author: Jianlei Zhao, Cejun Zhong, Zhiyu He, Gua...

Publish Year: 2015

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Abstract: To investigate an optimal management bundle to improve the survival rate of severe acute pancreatitis (SAP). We constructed a treatment bundle based on our clinical investigation, literature, and empirical practice. Intensive management during the acute response stage and infection stage comprised eight main issues: etiology, diagnosis, fluid resuscitation, support of organ function ...

Author: Enqiang Mao

Publish Year: 2019



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**Author:** Enqiang Mao    **Publish Year:** 2019

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**Acute pancreatitis** (AP) is a common disease with a relatively high morbidity and mortality. 1– 4 The reported incidence is approximately 30–40 per 100 000 population per year 3, 5 and 25% will develop **severe** or life threatening complications. 1, 2, 6 Although mortality has fallen over the last half century, it has remained at 10–15% for the last decade, despite improvements in intensive ...

**Cited by:** 32    **Author:** S H Rahman, B J Ammori, M Larvin, M J M...

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What is small intestinal bacterial overgrowth? ▾

Can you have biliary pancreatitis during pregnancy? ▾

What is the difference between chronic and acute pancreatitis? ▾

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