



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

**Manuscript NO:** 54562

**Manuscript Type:** ORIGINAL ARTICLE

*Basic Study*

**Retrievable puncture anchor traction method for endoscopic ultrasound-guided gastroenterostomy: A porcine study**

Wang G *et al.* RPAT method for EUS-GE in pigs

Guo-Xin Wang, Kai Zhang, Si-Yu Sun

**Abstract**

BACKGROUND

Endoscopic ultrasound-guided gastroenterostomy (EUS-GE) is an alternative way to the surgical treatment of gastric outlet obstruction, but it is regarded as a challenging technique for endoscopists because the bowel is highly mobile and can tent away. Thus, the technique requires a superb skill. In order to improve EUS-GE, we have developed a retrievable puncture anchor traction (RPAT) device for EUS-GE to address the issue of bowel tenting.

AIM

This study uses an animal model to evaluate the feasibility of RPAT-assisted

Match Overview

**1** **Crossref** 12 words  
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## Retrievable puncture anchor traction method for EUS-guided ...

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The **retrievable puncture anchor traction (RPAT) method** was developed to improve the current **EUS-GBD methodology**. Using a porcine model, we evaluated and compared the success rate, safety, and outcomes between **EUS-GBD** with RPAT and **EUS-GBD** without **retrievable puncture anchor**.

**Cited by:** 4

**Author:** Kai Zhang, Siyu Sun, Jintao Guo, Shen...

**Publish Year:** 2018

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Sep 01, 2019 · The **retrievable puncture anchor traction method** for EUS-guided gallbladder **drainage**: a porcine study

**Author:** Prabhleen Chahal

## Endoscopic ultrasound-guided retrievable puncture anchor ...

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The **retrievable anchor** is attached to the gallbladder to provide **traction**, while the gallbladder is **punctured** and drained using a LAMS. ... **Endoscopic Ultrasound-guided Gastroenterostomy**: A ...





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<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6795053>

Assisted **endoscopic** ultrasound-guided **gastroenterostomy**. Given that the traditional EUS-GE is not easily performed because of the blind transgastric **puncture**, an assisted EUS-GE using a retrieval/dilating balloon catheter, single balloon overtube, nasobiliary drain, ...

Author: Guoxin Wang, Xiang Liu, Sheng Wan...

Publish Year: 2019

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