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Retrospective Study

Novel abdominal negative pressure lavage-drainage system for anastomotic leakage after R0 resection for gastric cancer

Zheng ZF *et al.* Novel drainage system for leakage

Zhi-Fang Zheng, Jun Lu, Peng-Yang Zhang, Bin-Bin Xu, Chao-Hui Zheng, Ping Li, Jian-Wei Xie, Jia-Bin Wang, Jian-Xian Lin, Qi-Yue Chen, Chang-Ming Huang

Abstract

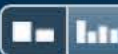
BACKGROUND

Anastomotic leakage (AL) is a severe complication associated with high morbidity and mortality after radical gastrectomy (RG) for gastric cancer (GC). Our hypothesis was that the novel abdominal negative pressure lavage-drainage system (ANPLDS) can effectively reduce the failure-to-rescue (FTR) and the risk of reoperation, and it is a feasible management of AL.

AIM

To report our institution's experience with the novel ANPLDS for AL after RG for GC.

Match Overview



1	Crossref 86 words Judith P. M. Schots, Misha D. P. Luyer, Grard A. P. Nieuwenh uijzen. "Abdominal Drainage and Amylase Measurement fo ...	3%
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Risk factors and management of anastomotic leakage after radical ...

<https://www.ncbi.nlm.nih.gov/pubmed/21510318> ▾ [翻译此页](#)

作者: CC Tsou - 2011 - 被引用次数: 27 - [相关文章](#)

(1)Department of **Surgery**, Taipei Veterans General Hospital, Taipei, Taiwan. ... However, **anastomotic leakage** and extended lymph node dissection might cause ... 2076 patients with **gastric cancer** underwent radical gastrectomy at Taipei ... Adequate **drainage** was the treatment approach used for **anastomotic leakage**.

缺少字词: novel negative pressure lavage system r0

Complete abdominal wound and anastomotic leak with diffuse ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6003133/> - [翻译此页](#)

作者: Y Fujii - 2018 - [相关文章](#)

2018年6月15日 - **Negative pressure** wound therapy (NPWT) is a widely accepted technique ... The patient underwent an urgent hernia repair and bowel **resection**. ... from septic shock, and the **anastomotic leakage** healed **after** a 2-month period. suctioned through the **drainage** tubes with **negative pressure**. d The **gastric** ...

缺少字词: lavage r0 cancer

Esophagojejunal anastomosis leakage after total gastrectomy for ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4963362/> ▾ [翻译此页](#)

作者: F Carboni - 2016 - 被引用次数: 9 - [相关文章](#)

2016年6月2日 - **Anastomotic leakage** was diagnosed in 14 patients (7%). ... edition of the TNM classification **system** for **gastric carcinoma** (13). ... of shock emergency **surgery** with **drainage**, total esophagectomy and Impact of **anastomotic leakage** on long-term survival **after** total gastrectomy for carcinoma of the **stomach**.

缺少字词: novel lavage r0

(PDF) Drainage of esophageal leakage using endoscopic vacuum ...

https://www.researchgate.net/.../46096105_Drainage_of_esophageal_leakag... ▾ [翻译此页](#)

2015年6月17日 - a-c 5 days **after resection**: (a) **leakage** at the **anastomotic** site; (b) wound cavity behind the **negative pressure** of 70 –80 mmHg was applied.

Chu Matsuda's research works | Osaka University, Suita (Handai) and ...

<https://www.researchgate.net/scientific-contributions/20682285/Chu-Matsuda>

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Novel Endoscopic Stent for Anastomotic Leaks after Total Gastrectomy

...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5881009/> - 翻译此页作者: GM Jung - 2018 - [相关文章](#)

2018年2月20日 - Novel Endoscopic Stent for Anastomotic Leaks after Total ... The treatment choice for patients with gastric cancer is radical gastrectomy ... Open surgery was performed in 679 cases, including 10 (1.5%) ... If an abscess or fluid collection was found on abdominal or chest CT, abscess drainage was performed ...

缺少字词: negative lavage system r0

Anastomotic leak management after a low anterior resection leading to

...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2803799/> ▾ 翻译此页作者: K Toutouzas - 2009 - 被引用次数: 3 - [相关文章](#)

2009年11月14日 - Anastomotic leaks occur in approximately 3 to 15% of patients undergoing ... after a low anterior resection, in a man with adenocarcinoma of the lower rectum. ... Preoperative staging was negative on abdominal and chest ... We performed peritoneal lavage and three drains were placed in the pelvis.

缺少字词: novel r0 gastric

Transanal drainage to treat anastomotic leaks after low anterior ... - NCBI

<https://www.ncbi.nlm.nih.gov/pubmed/23575397> ▾ 翻译此页作者: E Sirois-Giguère - 2013 - 被引用次数: 25 - [相关文章](#)

BACKGROUND: Anastomotic leaks after low anterior resection for rectal cancer ... for a symptomatic anastomotic leak after low anterior resection for rectal cancer ... by transanal drainage in 16 patients, abdominal reintervention in 12 patients, ...

缺少字词: novel negative pressure lavage system r0 gastric

prevent anastomotic leakage: Topics by Science.gov

<https://www.science.gov/topicpages/p/prevent+anastomotic+leakage.html>

The use of a transanal drainage tube in anterior resection for rectal cancer ... A novel transanal tube

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Anastomotic leak management after a low anterior resection leading to ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2803799/>  [翻译此页](#)

作者: K Toutouzas - 2009 - 被引用次数: 3 - 相关文章

2009年11月14日 - **Anastomotic leaks** occur in approximately 3 to 15% of patients undergoing ... **after** a low anterior **resection**, in a man with **adenocarcinoma** of the lower rectum. ... Preoperative staging was **negative** on **abdominal** and chest ... We performed peritoneal **lavage** and three **drains** were placed in the pelvis.

缺少字词: novel r0 gastric

Minimally invasive management of anastomotic leaks in colorectal ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5037335/>  [翻译此页](#)

作者: Y Sevim - 2016 - 被引用次数: 1 - 相关文章

2016年9月27日 - Keywords: Minimally invasive **surgery**, **Anastomotic leak**, Colorectal **surgery** ... method of converting emergency **surgery** for obstructing colorectal **cancers** to ... from colonic stenting **after** laparoscopic peritoneal **lavage** and **drainage**, ... **Negative pressure** wound therapy or vacuum-assisted closure is now a ...

缺少字词: novel r0 gastric

prevent anastomotic leakage: Topics by Science.gov

<https://www.science.gov/topicpages/p/prevent+anastomotic+leakage.html>

The use of a transanal **drainage** tube in anterior **resection** for rectal **cancer** ... A **novel** transanal tube designed to prevent **anastomotic leakage** after rectal ... The intestinal **pressure** increased with the length of the vertical twist in an extension tube. underwent thoraco-**abdominal** radical **resection** for **gastric** cardia **cancer**, ...

colorectal anastomotic leakage: Topics by Science.gov

<https://www.science.gov/topicpages/c/colorectal+anastomotic+leakage.html>

Anastomotic leakage after colorectal **surgery**: diagnostic accuracy of CT. ... leakage using the established risk factors and preoperative scoring **systems** We introduce a **novel** transanal tube (TAT), named the "WING **DRAIN**", A total of 79 patients underwent thoraco-**abdominal** radical **resection** for **gastric** cardia **cancer**, ...