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Reducing anastomotic leak in colorectal surgery: The old dogmas and the new challenges


Meyer J *et al.* Anastomotic leak prevention in colorectal surgery

Jeremy Meyer, Surennaidoo Naiken, Niki Christou, Emilie Liot, Christian Toso, Nicolas Christian Buchs, Frédéric Ris

Abstract

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Reducing anastomotic leakage in oncologic colorectal surgery: an evidence- based review. ...

(1)Discipline of Surgery, School of Medicine, James Cook University, ... **New** techniques and devices that overcome drawbacks in current practice ...

缺少字词: old dogmas challenges

[PDF] Prevention, diagnosis and management of colorectal anastomotic ...

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An **anastomotic leak**, as all **colorectal surgeons** are aware, is a devastating ... anastomotic leakage will be **reduced** but also, when it occurs, lives will be saved. Other studies in **elderly** populations

challenge. The **New** England journal.

缺少字词: dogmas

Reducing gastrointestinal anastomotic leak rates - Jefferson Digital ...

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2016年1月22日 - Review of **challenges** and solutions ... antibiotic preparation for **colorectal surgery** , avoidance of early ... Anastomotic leakage has been the bane of intestinal surgery for over a ... the **new** world of tighter health care spending, we must also be aware ... **Previous** history of Over the past decade, this **dogma**.

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Alexander Herold, Paul-Antoine Lehur, Klaus E. Matzel - 2017 - Medical

36.5.4 **Challenges** and Perspective It takes time to overcome traditional care, to fight **old dogmas**, and to transfer scientific evidence into daily routine. ... have to be considered as temporary and subject to change according to **new**, evolving evidence. This is ... Multiple factors contribute to the **surgical** stress



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To the Editor We commend Hakkarainen and colleagues 1 for their contribution to the ongoing discussion regarding the association of nonsteroidal anti-inflammatory drugs (NSAIDs) and **anastomotic leak** following gastrointestinal **surgery**. A previous meta-analysis found NSAIDs are significantly associated with an increased risk for **anastomotic leak**. 2 To our knowledge, the study by Hakkarainen et ...

Author: Thomas M. Drake, Dmitri Nepogodiev,... **Publish Year:** 2015

Postoperative ileus following major colorectal surgery ...

<https://onlinelibrary.wiley.com/doi/abs/10.1002/bjs.10781>Feb 22, 2018 : **POI** is a common condition with no established definition, **aetiology** or **treatment**.

According to current literature, minimally **invasive surgery**, **protocol-driven recovery** (including early feeding and **opioid avoidance** strategies) and **measures** to avoid major inflammatory events (such as **anastomotic leak**) offer the best **chances of reducing POI**.

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Diverting stoma can, indeed, **reduce** the **impact of anastomotic leak** on clinical course but it **can't reduce** its incidence. Moreover, the **utilization** of diverting stoma requires a second operation to be reversed with a mortality rate approximately of 0.4% and a 17% **rate of surgical morbidity**.

Author: Andrea Belli, Paola Incollingo, Armand... **Publish Year:** 2018

Gut microbiome influences on anastomotic leak and ...

<https://www.onlinelibrary.wiley.com/doi/full/10.1002/bjs.10760>

Jan 17, 2018 : In the context of **anastomotic leak** and the microbiome, it is possible that many of the above mechanisms act in concert to **drive tumour recurrence** following **colorectal cancer surgery**. Once a **leak** occurs, there is often a long period of inanition, resulting in poor nutritional status, hospital confinement with further exposure to pathogens, the physiological **stress** of a second operation, and ...

Cited by: 9 **Author:** S. J. Chapman, A. Pericleous, C. Downey,...



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Sep 27, 2016 · In addition, concepts are emerging about the role of the rectal mucosal microbiome in AL and the possible role of new prophylactic therapies. In January 2016 a meeting of expert colorectal surgeons and pathologists was held in London, UK, to identify the ongoing controversies surrounding AL in colorectal surgery.

Cited by: 25

Author: A. Vallance, A. Vallance, S. Wexner, M. B...

Publish Year: 2017

Anastomotic leaks in colorectal surgery | Nikki Damen ...

https://www.researchgate.net/publication/259880922_Anastomotic_leaks_in_colorectal_surgery

Anastomotic leaks in colorectal surgery. ... is used to reduce the anastomotic leak rate after resection of the rectum. ... that may influence outcomes of surgery. This is a new technique for ...

Anastomotic leak in colorectal surgery: A review | R. Essani

https://www.researchgate.net/.../286328000_Anastomotic_leak_in_colorectal_surgery_A_review

Anastomotic leak is a major complication of colorectal surgery, leading to significant morbidity and mortality. This article focuses on definitions of anastomotic and subclinical leaks, risk ...

Postoperative ileus following major colorectal surgery ...

<https://onlinelibrary.wiley.com/doi/abs/10.1002/bjs.10781>

Feb 22, 2018 · POI is a common condition with no established definition, aetiology or treatment.

According to current literature, minimally invasive surgery, protocol-driven recovery (including early feeding and opioid avoidance strategies) and measures to avoid major inflammatory events (such as anastomotic leak) offer the best chances of reducing POI.

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Author: S. J. Chapman, A. Pericleous, C. Downe...

Publish Year: 2018

Non-operative treatment of anastomotic leaks: Current and ...

<https://www.sciencedirect.com/science/article/pii/S1043148914000153>

Non-operative treatment of anastomotic leaks: Current and investigational therapies. ... 6 The rates of anastomotic leak in colorectal surgery vary by anastomotic location with higher ... of an anastomotic leak. In this article, we review the current literature and techniques that exist for the non-operative treatment of anastomotic leaks ...

Author: Aaron S. Rickles, Fergal J. Fleming

Publish Year: 2014