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Retrospective Cohort Study

Narrow pelvic inlet plane area and obesity as risk factors for anastomotic leakage after intersphincteric resection

Toyoshima A *et al.* Risk factors for leakage after ISR

Akira Toyoshima, Toshihiro Nishizawa, Eiji Sunami, Ryuji Akai, Takahiro Amano, Akiyoshi Yamashita, Shin Sasaki, Takeshi Endo, Yoshihiro Moriya, Osamu Toyoshima

Abstract

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The common complications of ISR are **anastomotic leakage**, stricture, fistula, **pelvic** sepsis, bleeding, bowel obstruction, and wound infections, which have been reported in different studies and are shown in Table 1. **Anastomotic** leaks are inevitable complications that have been previously reported to affect 2.6% and 24% of patients undergoing colorectal surgery [39, 40].

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These factors have not been generally accepted risk factors for anastomotic leakage in most studies. 4,5,[7][8][9]11,12,[21][22] [23] The role of a temporary diverting stoma in patients undergoing ...

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The aim of this systematic review and meta-analysis was to evaluate risk factors for anastomotic leakage in patients operated with colorectal resection. Method The databases Medline, Embase and ...

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Sep 01, 2009 - A recent study reported that narrow pelvic inlet and shorter interspinous distance were ... because there was no anastomotic leakage in 24 patients who underwent laparoscopic intersphincteric resection and 8 patients who underwent a prolapse method for rectal transection during the same period. ... H.H. Chen, J.M. Chiang, et al. Pelvic drainage ...

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Introduction

Materials and Methods

Surgical Technique >

In the treatment of distal rectal cancer, abdominoperineal resection is traditionally performed. However, the recognition of shorter safe distal resection line, intersphincteric resection technique has given a chance of sphincter-saving surgery for patients with distal rectal cancer during last two decades and still is being performed as an alternative choice of abdominoperineal resection. The first aim of this study is to assess the morbidity, mortality, oncological, and functional outcomes of intersphincteric resection. The ...

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