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Role of oral antibiotics for prophylaxis against surgical site infections after elective colorectal surgery

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### Abstract

Over the past few decades, surgeons have made many attempts to reduce the incidence of surgical site infections after elective colorectal surgery. Routine faecal diversion is no longer practiced in elective colonic surgery and mechanical bowel preparation is on the verge of being eliminated altogether.

Intravenous antibiotics have become the standard of care as prophylaxis against surgical site infections for elective colorectal operations. However, the role of oral

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CF Bellows, KT Mills, TN Kelly, G Gagliardi - Techniques in coloproctology, 2011 - Springer

... of the studies that utilized only oral non-absorbable antibiotics is necessary in order to clarify their role in reducing ... In the RCT by Lewis and colleagues, the most important risk factor for wound infection was the presence of a ... Importance of the duration of the surgical procedure. ...

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... 4, 5, 6, 7, 8 and 11 Most of this variation is probably a function of multiple ... Although there is a generalized awareness and acceptance of the importance of the choice of prophylactic ... A second important issue is identification of an acceptable means of risk-adjusting SSI rates. ...

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(1)Department of Surgery, University of Alabama at Birmingham, Birmingham, ... Despite evidence that preoperative oral antibiotics with mechanical bowel.... and oral antibiotics and their relationship to surgical site infection rates in a colorectal ... PATIENTS: Included were 9940 patients who underwent elective colorectal ...

### [PDF] WHO Surgical Site Infection Prevention Guidelines Web Appendix 6 ...

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against (anaerobic and aerobic) species within the colon. The addition of ... of preoperative oral antibiotics