Robotic surgery for colorectal disease: review of current ...  
Purpose: As robotic surgery is increasingly performed in patients with colorectal diseases, understanding proper port placement for robotic colorectal surgery is necessary. This review summarizes current port placement during robotic surgery for colorectal diseases and provides future perspective ...
Cited by: 8  
Author: Jong Lyul Lee, Hassan A. Alsaleem, Jin Ch...
PUBLISH YEAR: 2020

Robotic surgery for upper gastrointestinal cancer: Current ...  
Robotic surgery with the da Vinci Surgical System has been increasingly applied in a wide range of surgical specialties, especially in urology and gynecology. However, in the field of upper gastrointestinal (GI) tract, the da Vinci Surgical System has yet to be standard as a result of a lack of clea ...
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Author: Koichi Suda, Masaya Nakauchi, Kazuki Ina...
PUBLISH YEAR: 2016

Robotic surgery for the upper gastrointestinal tract ...  
However, robotic surgery has the disadvantages of a longer operative time and higher costs than the conventional approach. In this review article, we present the current status of robotic surgery for gastric and esophageal cancer, as well as future perspectives on this approach, based on our experience and a review of the literature.
Cited by: 8  
Author: Masaya Nakauchi, Ichiro Uyama, Koichi Su...
PUBLISH YEAR: 2017

[PDF] Robotic-assisted surgery for rectal cancer: Current state ...
Name of Journal: Artificial Intelligence in Gastrointestinal Endoscopy
Manuscript NO: 65588
Manuscript Type: MINIREVIEWS

ROBOTIC SURGERY IN COLON CANCER: CURRENT EVIDENCE AND FUTURE PERSPECTIVES. A NARRATIVE REVIEW

Colon cancer robotic surgery

Fulvio Tagliabue, Morena Burati, Marco Chiarelli, Ugo Cioffi, Mauro Zago
Minimally Invasive Surgery for Rectal Cancer: Current ...  
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5705499
Feb 10, 2017 - The mean operation time was significantly longer with robotic surgery than with laparoscopic surgery. In a systematic review by Mak et al., most studies observed a longer operation time with robotic surgery, which was attributed to robotic instrument docking and switching (robotic, 281.8 min vs. laparoscopic, 242.6 min). The conversion rates for robotic surgery ranged from 0 to 8.0%, whereas those for laparoscopic surgery ...

Cited by: 6  
Author: Chinoh Cheong, Nam Kyu Kim  
Publish Year: 2017

Robotic surgery for rectal cancer as a platform to build ...  
While a robotic approach demonstrates lower conversion rates and reduced surgeon workload, the operative time is longer and initial costs are higher; however, time and future science will determine its true benefits. We review the current state of robotic surgery and its impact on rectal cancer surgery.

Robotic gastrectomy for gastric cancer: Current evidence ...  
Jul 28, 2017 - Thus, from the initial experience, robotic surgery can be carried out safely if it is conducted by a surgeon experienced in laparoscopic surgery. The learning curve of robotic gastrectomy demonstrates a quicker adaptation with most studies reporting 11-25 cases to be sufficient for experienced gastric cancer surgeons, 20, 35, 36 whereas 40-60 cases of surgical experience are ...

Cited by: 15  
Author: Rana M. Alhossaini, Rana M. Alhossaini, ...  
Publish Year: 2017