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Observational Study

Application of indocyanine green-enhanced near-infrared fluorescence-guided imaging in laparoscopic lateral pelvic lymph node dissection for middle-low rectal cancer

Zhou SC *et al.* Laparoscopic lateral pelvic lymph node dissection for rectal cancer

Si-Cheng Zhou, Yan-Tao Tian, Xue-Wei Wang, Chuan-Duo Zhao, Shuai Ma, Jun Jiang, Er-Ni Li, Hai-Tao Zhou, Qian Liu, Jian-Wei Liang, Zhi-Xiang Zhou, Xi-Shan Wang

Abstract

BACKGROUND

As one effective treatment for lateral pelvic lymph node (LPLN) metastasis (LPNM), laparoscopic LPLN dissection (LPND) is limited due to the complicated anatomy of the pelvic sidewall and various complications after surgery. With regard to improving the accuracy and completeness of LPND

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Cited by: 157

Author: Luigi Boni, Giulia David, Alberto Mangan...

Publish Year: 2015

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https://www.researchgate.net/publication/332824868_Indocyanine_Green_Near-Infrared...

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Aug 21, 2018 · Finally, incorporation of sentinel lymph node biopsy with indocyanine green and near-infrared imaging might be the most cost-effective approach in treating women with gynaecological cancers when compared with complete lymphadenectomy in all patients or lymphatic mapping and sentinel node biopsy with radiocolloid or blue dye.

Cited by: 14

Author: Michael Frumovitz, Marie Plante, Paula S...

Publish Year: 2018

Indocyanine green fluorescence imaging in colorectal ...

<https://www.sciencedirect.com/science/article/pii/S2468125317302169>

Indocyanine green fluorescence imaging is a surgical tool with increasing applications in colorectal surgery. This tool has received acceptance in various surgical disciplines as a potential method to enhance surgical field visualisation, improve lymph node retrieval, and decrease the incidence of anastomotic leaks.

Cited by: 10

Author: Deborah S Keller, Deborah S Keller, Take...

Publish Year: 2017

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https://www.academia.edu/14391631/Clinical_applications_of_indocyanine_green_ICG... ▼

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