

Robotic resection of liver FNH guided by indocyanine green fluore



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Fluorescence guided surgery in liver tumors: applications ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6502182>

Fluorescence imaging enables identification of **subcapsular liver tumors** through accumulation of **indocyanine green** (ICG), after preoperative intravenous injection, in cancerous tissues of hepatocellular carcinoma and in noncancerous hepatic parenchyma, around **intrahepatic cholangiocarcinoma and liver metastases**, and it can also be used for visualizing extrahepatic ...

Cited by: 3

Author: Giorgio Rossi, Antonio Tarasconi, Gian L...

Publish Year: 2018

Robotic liver resection: Hurdles and beyond - ScienceDirect

<https://www.sciencedirect.com/science/article/pii/S1743919120304532>

Jun 03, 2020 · In **liver surgery**, **indocyanine green** (ICG) fluoroscopy can improve the visualization of the biliary tree anatomy and offers a useful method to distinguish between tumor and normal **liver parenchyma** (). In particular, it has been reported that ICG demarcation facilitates performing true anatomical resections with minimally invasive approach, with help of selective occlusion of ...

Cited by: 1

Author: Fabrizio Di Benedetto, Henrik Petrowsk...

Publish Year: 2020

The Application of Indocyanine Green Fluorescence Imaging ...

https://www.researchgate.net/publication/333907891_The_Application_of_Indocyanine...

Methods Twenty-five patients who **underwent ICG fluorescence-guided robotic liver resection** were case-matched in a 1:1 ratio to a cohort who **underwent standard robotic liver resection**.

Image-Guided Pediatric Surgery Using Indocyanine Green ...

<https://www.frontiersin.org/articles/10.3389/fped.2020.00314> ▼

Jun 17, 2020 · Background: **Indocyanine green (ICG)-guided near-infrared fluorescence (NIRF)** has been recently adopted in pediatric minimally invasive surgery (MIS). This study aimed to report our experience with **ICG-guided NIRF** in pediatric laparoscopy and **robotics** and evaluate its

Match Overview

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8
Name of Journal: *World Journal of Gastrointestinal Oncology*

Manuscript NO: 54115

Manuscript Type: ORIGINAL ARTICLE

Retrospective Study

Robotic resection of liver focal nodal hyperplasia guided by indocyanine green fluorescence imaging: A preliminary analysis of 23 cases

Li CG *et al.* Robotic resection of liver focal nodal hyperplasia

1
Cheng-Gang Li, Zhi-Peng Zhou, Xiang-Long Tan, Zi-Zheng Wang, Qu Liu, Zhi-Ming Zhao

Robotic resection of liver focal nodal hyperplasia guided by indocya



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The Application of Indocyanine Green Fluorescence Imaging ...

<https://www.researchgate.net/publication/333907891...>

Methods Twenty-five patients who underwent ICG **fluorescence-guided robotic liver resection** were case-matched in a 1:1 ratio to a cohort who underwent standard **robotic liver resection**.

Feasibility of indocyanine green fluorescence imaging for ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6590433>

Feasibility of **indocyanine green fluorescence imaging** for intraoperative identification of parathyroid glands during thyroid surgery ... and helped to assess its vascularization after thyroid **resection**. In a minority of **cases**, NIRF identifies more PGs than white light **imaging**. ... Post S. **Fluorescence-guided** minimally invasive ...

Cited by: 4

Author: Jacqueline van den Bos, Lottie van Kooten,...

Publish Year: 2018

Robotic liver surgery: technical aspects and review of the ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4960413>

Introduction. Minimally invasive surgery for **liver** resections represents an accepted alternative to open techniques for selected **cases**. Currently, laparoscopy is used as the only standard approach for **resection** of the anterior segments (II to VI) and left lateral sectionectomies (1-8).Advantages, such as less estimated blood loss and postoperative pain, lower morbidity, shorter hospital stay ...

Cited by: 57

Author: Pier Cristoforo Giulianotti, Francesco Maria...

Publish Year: 2016

(PDF) Best practices in near-infrared fluorescence imaging ...

<https://www.researchgate.net/publication/334306617...>

Best practices in near-infrared **fluorescence imaging** with **indocyanine green** (NIRF/ICG)-**guided robotic** urologic surgery: a systematic review-based expert consensus July 2019 World Journal of ...

Robotic resection of liver focal nodal hyperplasia guided by indocyanine



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<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4960413>

Introduction. Minimally invasive surgery for **liver** resections represents an accepted alternative to open techniques for selected **cases**. Currently, laparoscopy is used as the only standard approach for **resection** of the anterior segments (II to VI) and left lateral sectionectomies (1-8).Advantages, such as less estimated blood loss and postoperative pain, lower morbidity, shorter hospital stay ...

Cited by: 57

Author: Pier Cristoforo Giulianotti, Francesco Mar...

Publish Year: 2016

🌀 Liver tumor boundaries identified intraoperatively using ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5222935>

Introduction. The development of a real-time intraoperative detection system that is sensitive and specific for tumors will help ensure complete tumor **resection**, as a clear boundary between tumor and normal tissues is ideal for real-time surgical **imaging**, particularly for tiny (<5 mm) **liver** metastases and superficial liver tumors that cannot be observed before surgery (van der Vorst et al. 2012).

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