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**Indocyanine green-based fluorescence imaging in visceral and hepatobiliary and pancreatic surgery: State of the art and future directions**

Baiocchi GL *et al.* ICG Fluorescence Imaging in Abdominal Surgery

Gian Luca Baiocchi, Michele Diana, Luigi Boni

### Abstract

In recent years, the use of fluorescence-guided surgery (FGS) to treat benign and malignant visceral, hepatobiliary and pancreatic neoplasms has significantly increased. FGS relies on the fluorescence signal emitted by injected substances (fluorophores) after being illuminated by ad hoc laser sources to help guide the surgical procedure and provide the surgeon with real-time visualization of the fluorescent structures of interest

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### ICG-Based Fluorescence Imaging for Intra-operative Detection of ...

<https://clinicaltrials.gov/ct2/show/NCT03017989> ▼ [翻译此页](#)

2017年1月11日 - For example, if you choose Illinois as the **state**, identifying "Chicago" as the city .....

By using a **fluorescence imaging** device (with an adapted light source and ... of **ICG** uptake [ Time Frame: biopsies taken during **surgery**, which are ... may contact the study **research** staff using the contacts provided below.

缺少字词: visceral art

### ICG-based Fluorescence Imaging in Localization of Prostate Cancer ...

<https://clinicaltrials.gov/ct2/show/NCT02840617> ▼ [翻译此页](#)

2016年7月21日 - ... and nodal **status**, it would be possible to use fluorescence navigation system in ...

The fluorescence will be performed during and after the **surgery**, respectively. ... sensitivity and specificity of the **ICG-based fluorescence imaging** to ... may contact the study **research** staff using the contacts provided below.

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### [PDF] hein handgraaf - Centre for Human Drug Research

<https://chdr.nl/library/intraoperative-fluorescence-imaging/download>

Real-time near-infrared **fluorescence** guided **surgery** in gynecologic oncology: a review of the current **state of the art** .....27. 4. Identification of malignant ...

### Frontiers | Intraoperative Fluorescence Imaging for Personalized Brain ...

<https://www.frontiersin.org/articles/10.3389/fsurg.2016.00055/full> ▼ [翻译此页](#)

作者: E Belykh - 2016 - 被引用次数: 19 - 相关文章

Recent advancements in quantitative **fluorescence**-guided **surgery** are ... Tumor Resection: Current State and **Future Directions**. **image** Evgenii Belykh1,2,3,4, **image** ... performed with the patient conscious remain **state-of-the-art** methods to elicit .... In brain tumor **surgery** studies, 5- to 25-mg **ICG** concentrations were used ...

缺少字词: visceral hbp

### Terumasa Yamada's scientific contributions | Osaka Medical Center for ...

<https://www.researchgate.net/scientific-contributions/Terumasa-Yamada> [翻译此页](#)



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### Indocyanine green fluorescence imaging in colorectal surgery - NCBI

<https://www.ncbi.nlm.nih.gov/pubmed/28895551> - 翻译此页

作者: DS Keller - 2017 - 被引用次数: 1 - 相关文章

Indocyanine green fluorescence imaging in colorectal surgery: overview, applications, and future directions. Keller DS(1), Ishizawa T(2), Cohen R(3), Chand ...

缺少字词: based visceral hepatobiliary pancreatic state art

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<https://www.ncbi.nlm.nih.gov/pubmed/29325740> - 翻译此页

作者: B Qi - 2018 - 被引用次数: 4 - 相关文章

2018年1月9日 - Indocyanine green loaded hyaluronan-derived nanoparticles for fluorescence-enhanced surgical imaging of pancreatic cancer. ... (2)Eppley Institute for Research in Cancer and Allied Diseases, University of Nebraska Medical Center, Omaha, NE. ... S10 RR027940/RR/NCRR NIH HHS/United States; R01 ...

缺少字词: based visceral hepatobiliary art directions

### Fluorescence Imaging for Surgeons - Springer Link

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edge of fluorescence to the most current clinical applications and new meth- ... 4 Review of Indocyanine Green Imaging in Surgery. .... Nicolas C. Buchs , M.D. Department of Surgery, Clinic for Visceral and .... Hepato-Biliary-Pancreatic Surgery Division, Department of Surgery, ..... state of the art. .... Future Directions.

### Frontiers | Intraoperative Fluorescence Imaging for Personalized Brain ...

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作者: E Belykh - 2016 - 被引用次数: 23 - 相关文章

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