

**Name of Journal:** *World Journal of Gastroenterology*

**Manuscript NO:** 35182

**Manuscript Type:**

*Retrospective Study*

***In vivo* histological diagnosis for gastric cancer using endocytoscopy**

Issei Tsurudome, Ryoji Miyahara, Kohei Funasaka, Kazuhiro Furukawa,  
Masanobu Matsushita, Takeshi Yamamura, Takuya Ishikawa, Eizaburo Ohno,  
Masanao Nakamura, Hiroki Kawashima, Osamu Watanabe, Masato Nakaguro,  
Akira Satou, Yoshiki Hirooka, Hidemi Goto

**Abstract**

***AIM***

To examine usefulness of virtual biopsy using endocytoscopy by comparing the  
*in vivo* endocytoscopic and histopathological images of gastric cancers.

## Match Overview

1

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In vivo real-time histological diagnosis for gastric cancer using endocytoscopy



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[Mo1252 In Vivo Real-Time Histological Diagnosis for Gastric ...](#)

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27 Nov 2016 ..... In Vivo Real-Time Histological Diagnosis for Gastric Neoplasia Using ... adenoma and early gastric cancer underwent endocytoscopy in our ...

[In vivo gastric mucosal histopathology using endocytoscopy](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4408474/>

28 Apr 2015 ... In vivo gastric mucosal histopathology using endocytoscopy ... However, endocytoscopy enables real-time histology, which corresponds ... In our practice, EC is primarily used for the differential diagnosis of neoplastic and ... Six participants had esophageal cancer and 15 had gastric cancer not involving ...

[Advanced endoscopic imaging in gastric neoplasia and preneoplasia](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5253458/>

16 Jan 2017 ... Gastric cancer is the third leading cause of cancer deaths worldwide. ... AFI is an imaging method, applied during real-time endoscopy, dependent on ... to enable histopathological diagnosis of the gastrointestinal tract, whereby the ... In vivo histopathology using endocytoscopy for non-neoplastic changes ...

[Real-time histology with the endocytoscope - NCBI - NIH](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2965276/>

28 Oct 2010 ... Real-time histology with the endocytoscope ... In another study on in-vivo diagnosis, EC demonstrated increased ... In gastric cancer, irregular branched and destroyed tubules are noted and cells show nuclear pleomorphism.

[\[PDF\] Confocal endomicroscopy for the diagnosis of gastric cancer in vivo](#)

[bacbuc.hd.free.fr/WebDAV/data/CEDIT/.../Kitabatake-E2006.pdf](#)

10 Jun 2006 ... histological diagnosis still has to be confirmed by taking endo- scopic biopsies, which ... confocal images of the gastric mucosa in vivo with the histopa- thological ... endocytoscopy, using an optical high-magnification endoscope, ... scope has allowed observation of living cells in real time in vivo. Kiesslich ...



In vivo histological diagnosis for gastric cancer using endocytoscopy

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<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5253458/>

16 Jan 2017 ... Gastric cancer is the third leading cause of cancer deaths worldwide. ... early detection and accurate diagnosis of gastric cancer through endoscopy is critical. ... poor correlation between WLE findings and histopathological analysis. .... In vivo histopathology using endocytoscopy for non-neoplastic changes ...

[In vivo detection of desmoplastic reaction using endocytoscopy: A ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5403294/>

23 Jan 2017 ... A total of 72 cases of colorectal cancer with submucosal invasion (EC ... by using EC with the histopathological assessment of DR as a diagnostic tool ... A. In vivo observation of living cancer cells in the esophagus, stomach, ...

[Endocytoscopy in Esophageal Cancer - NCBI - NIH](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3815670/>

Endocytoscopy is a new imaging and magnification technology classified as one ... with an in vivo "virtual histological diagnosis" and could enhance endoscopic .... 4 cases were stomach lesions in which gastric mucous secretions prevented ...

[Sa1600 Endocytoscopy Is a Feasible Modality With High Diagnostic ...](#)

[www.sciencedirect.com/science/article/pii/S0016510712021049](http://www.sciencedirect.com/science/article/pii/S0016510712021049)

16 May 2012 ... Endocytoscopy enables in vivo microscopic imaging, thereby allowing ... of endocytoscopic diagnosis for gastric cancer using histopathological ...

[Endocytoscopy is a promising modality with high diagnostic ...](#)

<https://www.thieme-connect.com/products/ejournals/.../10.../s-0034-1377965>

15 Sep 2014 ... Background and study aim: Endocytoscopy (ECS) enables in vivo ... to obtain



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### In vivo gastric mucosal histopathology using endocytoscopy - NCBI - NIH

<https://www.ncbi.nlm.nih.gov> > NCBI > Literature > PubMed Central (PMC) - 翻译此页

作者: H Sato - 2015 - 被引用次数: 3 - 相关文章

2015年4月28日 - In vivo gastric mucosal histopathology using endocytoscopy .... information, conventional endoscopy results and histopathological diagnosis, ... Six participants had esophageal cancer and 15 had gastric cancer not involving ...

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[https://www.researchgate.net/.../265649947\\_Endocytoscopy\\_is\\_a\\_promising...](https://www.researchgate.net/.../265649947_Endocytoscopy_is_a_promising...) - 翻译此页

Background and study aim: Endocytoscopy (ECS) enables in vivo ... feasible modality to obtain in vivo histology, with high diagnostic accuracy in gastric cancer.

### New Developments in the Management of Gastric Cancer

<https://books.google.co.jp/books?isbn=3805579233> - 翻译此页

P. Malfertheiner - 2005 - Medical

These novel technologies potentially enable in vivo histological diagnosis ... of the esophagus: In- vivo pathological diagnosis using an endocytoscopy system.

### Linked colour imaging benefits the endoscopic diagnosis of distal ...

[www.nature.com/scientific-reports/articles](http://www.nature.com/scientific-reports/articles) - 翻译此页