

**2**  
Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 56874

Manuscript Type: ORIGINAL ARTICLE

#### Retrospective Study

Histopathological validation of magnifying endoscopy for diagnosis of mixed-histological-type early gastric cancer

Yuichiro Ozeki, Kingo Hirasawa, Ryosuke Kobayashi, Chiko Sato, Yoko Tateishi, Atsushi Sawada, Ryosuke Ikeda, Masafumi Nishio, Takehide Fukuchi, Makomo Makazu, Masataka Taguri, Shin Maeda

#### Abstract

##### BACKGROUND

The undifferentiated-type (UDT) component profoundly affects the clinical course of early gastric cancers (EGCs). However, an accurate preoperative diagnosis of the histological types is unsatisfactory. To date, few studies have investigated whether the UDT component within mixed-histological-type (MT)

#### Match Overview

1	Internet 103 words crawled on 14-Jul-2020 <a href="http://link.springer.com">link.springer.com</a>	2%
2	Internet 35 words crawled on 19-Oct-2019 <a href="http://f6publishing.blob.core.windows.net">f6publishing.blob.core.windows.net</a>	1%
3	Internet 28 words crawled on 05-Jun-2020 <a href="http://www.karger.com">www.karger.com</a>	1%
4	Internet 27 words crawled on 08-Dec-2019 <a href="http://journals.plos.org">journals.plos.org</a>	1%
5	Crossref 15 words <a href="#">Lady Katherine Mejía Pérez</a> , <a href="#">Seiichiro Abe</a> , <a href="#">Michael McNamara</a> , <a href="#">Davendra Sohal</a> et al. "Minimally invasive treatment o ...	<1%
6	Crossref 14 words <a href="#">Hye Kyung Jeon</a> , <a href="#">Gwang Ha Kim</a> , <a href="#">Bong Eun Lee</a> , <a href="#">Do Youn Park</a> , <a href="#">Geun Am Song</a> , <a href="#">Dae Hwan Kim</a> , <a href="#">Tae Yong Jeon</a> . "Lon	<1%
7	Internet 13 words crawled on 29-Aug-2020 <a href="http://jkms.org">jkms.org</a>	<1%
8	Crossref 13 words <a href="#">Okada</a> , <a href="#">Kazuhisa</a> , <a href="#">Junko Fujisaki</a> , <a href="#">Akiyoshi Kasuga</a> , <a href="#">Masami Omae</a> , <a href="#">Toshiaki Hirasawa</a> , <a href="#">Akiyoshi Ishiyama</a> , <a href="#">Masahiko Ina</a>	





国内版

国际版

Histopathological validation of magnifying endoscopy for diagnosi



ALL

IMAGES

VIDEOS

216,000 Results

Any time ▾

## Diagnostic Performance and Limitations of Magnifying ...

<https://pubmed.ncbi.nlm.nih.gov/24407989>

**Magnifying endoscopy** with narrow-band imaging (M-NBI) is useful for the accurate preoperative **diagnosis** of **early gastric cancer**. However, the role of M-NBI in screening **endoscopy** has not been established. The aims of this study were to determine the feasibility and limitations of M-NBI in screening **endoscopy**.

## Magnified endoscopy for diagnosing and delineating early ...

[https://www.researchgate.net/publication/24404501\\_Magnified\\_endoscopy\\_for\\_diagnosing...](https://www.researchgate.net/publication/24404501_Magnified_endoscopy_for_diagnosing...)

Based on this algorithm, several studies have reported that the sensitivity of M-NBI in the **diagnosis** of **early gastric cancer** ranged from 85.7 to 97.3% and the specificity from 84.4 to 96.8% [11 ...

## The endoscopic diagnosis of early gastric cancer

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3959505>

May 02, 2012 · The aim of this article is to demonstrate the basic principles for the **endoscopic diagnosis** of **early gastric cancer**. The diagnostic process can be divided into two steps, detection and characterization. Detection requires good **endoscopic** technique, and thorough knowledge.

**Cited by:** 139

**Author:** Kenshi Yao

**Publish Year:** 2013

### PEOPLE ALSO ASK

What is the differential diagnosis for gastric adenoma?



Can endoscopy detect gastric cancer?



What are magnified endoscopic findings of gastric fundic gland mucosa?







### [Diagnostic performance and limitations of magnifying ...](#)

<https://www.ncbi.nlm.nih.gov/pubmed/24407989>

**Magnifying endoscopy** with narrow-band imaging (M-NBI) is useful for the accurate preoperative **diagnosis** of **early gastric cancer**. However, the role of M-NBI in screening **endoscopy** has not been established. The aims of this study were to determine the feasibility and limitations of M-NBI in screening **endoscopy**.

**Cited by:** 78 **Author:** Kenshi Yao, Hisashi Doyama, Takuji Goto...

**Publish Year:** 2014

### [Magnified endoscopy for diagnosing and delineating early ...](#)

<https://www.researchgate.net/publication/24404501...>

9 A single-center prospective study adopted the mentioned diagnostic criteria, combining **magnifying endoscopy** with BLI (ME-BLI) in the **diagnosis** of **early gastric cancer**, and the results suggested ...

### [Multicenter prospective study on the histological ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6338541>

Jan 18, 2019 · Therefore, difficulties are associated with **diagnosing** the **histological type** of **mixed histological-type gastric cancer** based on **biopsies**. On the other hand, **endoscopy** has a greater capacity than **biopsies** to **diagnose histological type** because it is possible to observe the whole lesion.

**Author:** Takaaki Kishino, Tsuneo Oyama, Keit... **Publish Year:** 2019

### [\[PDF\] Application of artificial intelligence using a ...](#)

<https://onlinelibrary.wiley.com/doi/epdf/10.1111/jgh.15190>

sensitive method of **early** detection of **gastric cancer**.<sup>1</sup> However, accurate **diagnosis** of **early gastric cancer** (EGC) is sometimes dif-ficult with white light imaging alone, especially for small lesions. **Magnifying endoscopy** with narrow-band imaging (ME-NBI) is a recently developed, image-enhanced **endoscopic** technique.<sup>2</sup> For

### [Early diagnosis of gastric cancer based on deep learning ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6788605>

### Search Tools

Turn off Hover Translation (关闭取词)