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Observational Study

Standard *vs* magnifying narrow-band imaging endoscopy for diagnosis of *Helicobacter pylori* infection and gastric precancerous conditions

Cho JH *et al.* Standard *vs* M-NBI gastroscopy

Jun-Hyung Cho, Seong Ran Jeon, So-Young Jin, Suyeon Park

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Nov 30, 2012 · NBI. NBI is a novel endoscopic technique that may enhance the accuracy of diagnosis using narrow-band width filters in a RGB sequential illumination system.⁹ This technique produces different images at distinct levels of the mucosa and increases the contrast between the epithelial surface and the subjacent vascular pattern. NBI may provide the same contrast-enhancement abilities as ...

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Diagnostic Efficacy of Magnifying Endoscopy with Narrow ...

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Apr 09, 2015 · Magnifying endoscopy with narrow-band imaging (ME-NBI), a combination of magnification endoscopy and narrow-band imaging, has been used specifically for the detection of early gastric cancer. Its success is based on its ability to yield clear images of microvascular patterns and microsurface structures of the superficial mucosa, which represent ...

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The aim of the present study was to compare standard endoscopy with magnifying endoscopy for the diagnosis of *Helicobacter pylori* gastritis, and to determine whether gastritis can be diagnosed ...

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<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6288760>

Dec 10, 2018 · Background Gastric cancers (GC) after *H. pylori* eradication are difficult to diagnose even by magnifying narrow-band imaging (NBI) or blue laser imaging (BLI) endoscopy. Little is known with regard to non-magnifying (NM)-NBI/BLI for early GC so we examined the efficacy of NM-NBI/BLI for early GC diagnosis.



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NBI. NBI is a novel endoscopic technique that may enhance the accuracy of diagnosis using narrow-band width filters in a RGB sequential illumination system.⁹ This technique produces different images at distinct levels of the mucosa and increases the contrast between the epithelial surface and the subjacent vascular pattern. NBI may provide the same contrast-enhancement abilities as ...

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Publish Year: 2012

[\[PDF\] Review: Diagnosis of Helicobacter pylori infection](https://onlinelibrary.wiley.com/doi/pdf/10.1111/hel.12641)

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Helicobacter pylori infection status with mild atrophy was carried out in Japan: 40 endoscopists received six images obtained with stand-ard endoscopes from 50 randomly chosen patients. The accuracy rates of nodularity (89%) and mucosal swelling (77%) were the high-est.¹ Magnifying endoscopy with narrow band imaging (NBI) which

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NBI. NBI is a novel **endoscopic** technique that may enhance the accuracy of **diagnosis** using **narrow-band** width filters in a RGB sequential illumination system.⁹ This technique produces different images at distinct levels of the mucosa and increases the contrast between the epithelial surface and the subjacent vascular pattern. NBI may provide the same contrast-enhancement abilities as ...

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Ultra-magnifying narrow-band imaging for endoscopic ...

<https://europepmc.org/article/MED/33816772> ▾

Mar 17, 2021 · Background and study aims **Narrow-band imaging** (NBI) with or without magnification has recently been used for **diagnosis** of **gastric** intestinal metaplasia (GIM). Endocytoscopy is a newly developed **endoscopic** technique that enables ultra-high (500 ×) magnification of the digestive tract mucosa. This study aimed to analyze the ultra-**magnifying** NBI characteristics of GIM.

[PDF] Review: Diagnosis of Helicobacter pylori infection

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Helicobacter pylori infection status with mild atrophy was carried out in Japan: 40 endoscopists received six images obtained with **stand-ard** endoscopes from 50 randomly chosen patients. The accuracy rates of nodularity (89%) and mucosal swelling (77%) were the high-est.¹ **Magnifying endoscopy** with **narrow band imaging** (NBI) which

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