

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 7214-review.doc).

Title:

Author: Ana Isabel Lopes, Filipa Vale, Monica Oleastro

Name of Journal: *World Journal of Gastroenterology*

ESPS Manuscript NO: 7214

The manuscript has been improved according to the suggestions of reviewers:

- 1 Format has been updated
- 2 Revision has been made according to the suggestions of the reviewers (enclosed)
- 3 References and typesetting were corrected

Thank you again for publishing our manuscript in the *World Journal of Gastroenterology*.

Sincerely yours,

A handwritten signature in blue ink, reading "Ana Isabel Lopes", followed by a smaller, less legible signature.

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ANSWERS TO REVIEWERS COMMENTS

REVIEWER 1 (02467909). The authors describe very detailed and interesting review about H. pylori diagnostic procedure. This review is very splendid content, and the result proved the benefit of H. pylori diagnosis.

However, the authors had better concern the following comments to improve the manuscript.

1. I cannot find abstract, introduction, and conclusion. Authors should describe these materials.

Answer: An Abstract, Introduction and Comments chapters were added.

2. Page 2, second paragraph. The authors should quote the paper of Fukase et al. to explain gastric cancer suppression after ESD.

Fukase K, Kato M, Kikuchi S, et al. Effect of eradication of *Helicobacter pylori* on incidence of metachronous gastric carcinoma after endoscopic resection of early gastric cancer: an open-label, randomised controlled trial. Lancet 2008; 372: 392-397.

Answer: This paper was appropriately inserted in the text (Endoscopy) and accordingly quoted.

3. The authors should insert the endoscopic figure which shows the characteristic of H. pylori infection.

Answer: Two endoscopic figures illustrating the characteristic features of H. pylori infection (antral nodularity) were inserted.

4. The authors should insert the table which explains various diagnostic methods clearly and briefly.

Answer: A table with the diagnostic methods was inserted.

5. Quantity of sentence is slight redundant, especially in the part of IHC in histology paragraph. The authors should shorten the manuscript a little more.

Answer: The whole manuscript has been shortened, particularly in the endoscopy and histology sections.

6. Page 11. The authors should describe the polymorphism of CagA and should mention that East Asian type of CagA raise the risk of gastric cancer.

Answer: the reference of the CagA polymorphism and the increased risk of gastric cancer related to the East Asian type, have been included in the manuscript.

7. Page 11. The authors should mention the immunostaining that is specific for East Asia type CagA.

Uchida T, Kanada R, Tsukamoto Y, et al: Immunohistochemical diagnosis of the cagA-gene genotype of *Helicobacter pylori* with anti-East Asian CagA-specific antibody. Cancer Sci 98; 521-8: 2007

Answer: the specific immunostaining for East Asia type CagA, reported by Uchida T. et al, has been included.

REVIEWER 2

Comments Authors	To I complement the authors for an extensive literature review on this issue. However without an abstract, intro, methods and conclusion, the reader is left in the dark wondering about the purpose of this article. The individual paragraphs need to be tied into one another to improve the flow of the article as well as to engage the audience. The references and paragraph breaks etc. need to be examined carefully and made congruent with the journal. The sentence structure is far too verbose and thereby does not convey the individual statements to the reader in a sharp and concise fashion.
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Answer: An Abstract, Introduction and Comments chapters were added. A careful overall review was performed, aiming a clearer and more interesting paper. The manuscript structure was greatly improved, the content shortened and the references reviewed according to the journal guidelines.

REVIEWER 3 (02535772)

The manuscript includes a review of diagnostic methods of *H. pylori* infection. It is well written and directed. It needs minor revision. 1. Instead of "non invasion", "non invasive" may be used. 2. The manuscript may include a "introduction". 3. The manuscript also may include a "conclusion" paragraph

Answer: An Abstract, Introduction and Comments chapters were added.

A careful overall review was performed. The manuscript structure was greatly improved, the content shortened and the references reviewed according to the journal guidelines. The authors was of course to write "non invasive"; it was corrected somewhere in the text, instead of "non invasion".

REVIEWER 4

1. The title should be written clearly again without abbreviation like "H.Pylori"

Answer: The title was clearly written.

2. There are not any abstract chapter and key words in this manuscript but needed.

Answer: An Abstract, Keywords, Introduction and Comments chapters were added.

3. Introduction chapter have been written without title but needed.

Answer: An Abstract, Keywords, Introduction and Comments chapters were added.

4. The aim of this manuscript should be written in introduction.

Answer: the aim was written in the introduction, as requested.

5. At the end of the discussion, conclusion (or comments) should briefly be added .

Answer: a comment chapter was added.

6. References have been written carelessly. It should be reevaluated according to the writing rules of this magazine.

7. The references numbered 7 and 10 are same. It should be checked.

Answer: References 7 and 10 were checked and reference 10 eliminated. Overall relocation of references was performed.

8. All these will entail complete revision of this manuscript and relocation of the references.

Answer: References were carefully reviewed, according to the journal writing rules

REVIEWER 5

This interesting article on *H. pylori* –recent developments in diagnosis is well organized; involving all aspects of *H. pylori* diagnosis with detailed analysis of each entity, new fields in diagnosis were added, but the following items needs certain consideration:

1. The article is too long with unnecessary fine details specially in endoscopy section.

Answer: The whole manuscript structure has been improved; the manuscript was shortened, particularly in the endoscopy and histology sections.

2. The article lacks the illustrated diagrams which could help in summarization for long data

Answer: A table summarizing diagnostic methods was added, as well as a figure illustrating one the described methods.

3. The manuscript was deficient in introduction , conclusion sections

Answer: An Abstract, Keywords, Introduction and Comments chapters were added.

4. References were not uniform

Answer: References were carefully reviewed and corrected as needed, according to the journal writing rules

5. Minor language errors

Answer: Language revision was performed and corrected as needed. Sincerely yours,

And Best regards

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