

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 55448

Title: Helicobacter pylori-induced inflammation masks the underlying presence of low-grade dysplasia on gastric lesions

Reviewer's code: 03647305

Position: Editorial Board

Academic degree: MD

Professional title: Associate Professor, Director, Doctor, Lecturer

Reviewer's Country/Territory: Turkey

Author's Country/Territory: Italy

Manuscript submission date: 2020-03-18

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-05-09 23:50

Reviewer performed review: 2020-05-10 22:35

Review time: 22 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

Congrats for good study

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 55448

Title: Helicobacter pylori-induced inflammation masks the underlying presence of low-grade dysplasia on gastric lesions

Reviewer's code: 04092118

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Postdoc, Senior Lecturer

Reviewer's Country/Territory: Romania

Author's Country/Territory: Italy

Manuscript submission date: 2020-03-18

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-05-10 07:38

Reviewer performed review: 2020-05-11 16:55

Review time: 1 Day and 9 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
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SPECIFIC COMMENTS TO AUTHORS

I have read with great interest the manuscript entitled “*Helicobacter pylori*-induced inflammation masks the underlying presence of low-grade dysplasia on gastric lesions”. The paper is an original prospective study on precancerous gastric lesions of WLE+NBI before and after *H pylori* eradication. The topic, that of precancerous lesions of the stomach, is one of significant interest for the endoscopy community. Research is well conducted and statistics is appropriate. The message of the manuscript, supported by the results – that HP-induced mucosal changes can mask underlying lesions and that a high-quality endoscopy should be done after eradication – is of great impact for the readers. In order for the manuscript to be more attractive, I would suggest the authors to do some column/bar-type of graphs on OLGA, EGGIM and OLGIM – before and after HP eradication. Minor comments: PGC should be explained in full in the background section of the abstract, being its first appearance in text. In Tables 1 and 3, the term “gastric cancer/other cancer familiarity” is misused – “family history of” is more appropriate.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 55448

Title: Helicobacter pylori-induced inflammation masks the underlying presence of low-grade dysplasia on gastric lesions

Reviewer's code: 05185768

Position: Editorial Board

Academic degree: MD, MSc

Professional title: Assistant Professor

Reviewer's Country/Territory: Thailand

Author's Country/Territory: Italy

Manuscript submission date: 2020-03-18

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-05-10 13:55

Reviewer performed review: 2020-05-16 17:19

Review time: 6 Days and 3 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Thank you very much for asking me to review this manuscript by Panarese et al. This is the prospective cohort study to assess the high quality endoscopy using HR-WLE with NBI to detect PGC. The result of the study is of interest and highlights the role of early endoscopy using HR-WLE with NBI after HP eradication as HP infection could obscure the PGC. Overall, this study was well conducted with good methodology and intelligible English. The number of participants in the study is 2 times larger than the numbers statistically calculated. The result of the study could be change some routine clinical practice or re-endoscopy in particular patients with HP infection. However, this proposed HR-WLE with NBI endoscopy has still missed the PGC lesion during HP infection that might be the only limitation of this proposed endoscopic method. I suggest discuss more in this aspect in the discussion part. Furthermore, minor comment that I would to proposed; 1. Title: Proper and cover all the core result from the study 2.

Abstract: Address all of the important component from the study. However, please give the abbreviation for PGC for its use in the first time. 3. Key words: could cover this study 4. Background: Describe the overall basic knowledge for this study. Moreover, the aim of the study is clear 5. Method: The present study is methodologically well conducted. It will be better if the author could cut the word “longitudinal” from an observational, longitudinal, prospective study to make it more concise without changing the meaning. 6. Results: The result of this study is of interest. The awareness of identifying patients with HP infection after treatment by using HR-WLE with NBI should be highlighted and integrated in clinical practice. However, this high quality EGD method could miss dysplasia in 42.1% of patients before HP eradication. It will be best if the authors could find out the way to decrease the rate of underdiagnosis dysplasia in these patients or discussion more in this aspect. Not sure

the role of special staining by pathologist? 7. Discussion: The manuscript clearly interprets the finding adequately and appropriately. In addition, the manuscript could highlight the key points clearly. The previous significant paper involved were included in the discussion. 8. Illustrations and tables: The flow diagram in figure 1 is present logically. The table 1, however, need some corrections for example; age, n(%), years should be age, mean (SD), years; gender that is present only male or female, is enough. 9.

Table 2 the author should "change n= P value" to "P value". n (%) could be present once below the table, is enough. Table 3 same with table 1

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Reviewer's code: 05185768

Position: Editorial Board

Academic degree: MD, MSc

Professional title: Assistant Professor

Reviewer's Country/Territory: Thailand

Author's Country/Territory: Italy

Manuscript submission date: 2020-03-18

Reviewer chosen by: Le Zhang

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Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This study is methodologically well conducted and the result is valuable to publish.

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Reviewer's Country/Territory: Turkey

Author's Country/Territory: Italy

Manuscript submission date: 2020-03-18

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Reviewer performed review: 2020-05-26 20:38

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Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
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Thanks

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Author's Country/Territory: Italy

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Congratulations for your work and for growing the literature data on precancerous gastric lesions.