



# BAISHIDENG PUBLISHING GROUP INC

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## ESPS Peer-review Report

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

**ESPS Manuscript NO:** 9027

**Title:** Role of H. pylori infection on Nutrition and Metabolism

**Reviewer code:** 00036961

**Science editor:** Ma, Ya-Juan

**Date sent for review:** 2014-01-17 16:47

**Date reviewed:** 2014-01-18 03:34

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B (Very good)	<input checked="" type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)		BPG Search:	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E (Poor)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input checked="" type="checkbox"/> Minor revision
		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

## COMMENTS TO AUTHORS

This is an interesting review, a few suggestions :-

1. The abstract would be better if it summarised the content of the review. It is more an overview of H pylori not its relationship to nutrients etc.
2. A summary table would look good in the published version.
3. The current manuscript has several errors within it - both grammar and nonsensical words. It should be fully copy-proofed. These errors include (there are others) :- page 2'diffusion' and 'flogistic' Page 3'responsible of iron deficiency' and 'can carry out deficiency' Page 6 'Insuline'



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## ESPS Peer-review Report

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

**ESPS Manuscript NO:** 9027

**Title:** Role of H. pylori infection on Nutrition and Metabolism

**Reviewer code:** 01136482

**Science editor:** Ma, Ya-Juan

**Date sent for review:** 2014-01-17 16:47

**Date reviewed:** 2014-01-20 19:43

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B (Very good)	<input type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

## COMMENTS TO AUTHORS

1. Please utilize for the first time Helicobacter pylori (H. pylori) in the text, and after the acronym H. pylori, also in the title. 2. Several double space are present in the text. 3. Please change insuline resistance in insulin-resistance in the text. 4. A potential relationship between insulin-resistance, NAFLD and H. pylori appears to exist based on the following points: 1) NAFLD is the hepatic component of metabolic syndrome and insulin-resistance regarded as its key pathogenetic hallmark; 2) patients with NAFLD present a significant increase in gut permeability, and this data is positively related with liver fat accumulation; 3) H. pylori infection has been implicated in the pathogenesis of IR by many mechanisms, in particular: increased level of pro-inflammatory cytokines, eicosanoids, acute phase proteins, reactive oxygen species production, and cytokine serum changes (i.e. low adiponectin, ghrelin and leptin levels; high tumor necrosis factor- $\alpha$ ) (Abenavoli et al. Med Hypotheses. 2013 Nov;81(5):913-915). The Author can stress this pathogenetic association in the text, to report the link between H. pylori eradication and metabolic changes. 5. In the conclusion section the Author can report his opinion on the screening of H. pylori in patients with metabolic diseases.



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## ESPS Peer-review Report

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

**ESPS Manuscript NO:** 9027

**Title:** Role of H. pylori infection on Nutrition and Metabolism

**Reviewer code:** 00028550

**Science editor:** Ma, Ya-Juan

**Date sent for review:** 2014-01-17 16:47

**Date reviewed:** 2014-01-22 03:34

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B (Very good)	<input checked="" type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)		BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

## COMMENTS TO AUTHORS

The authors are encouraged to update the manuscript with most recent findings. It will be more effective to summarize some of key studies in a form of tables or at least develop a diagram to show interaction between microenvironment and the chemical forms of the nutrients and possible effect on cytokines. The current format and content of the manuscript come across as too generic with nothing new that may influence the role of H. Pylori in patients.



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## ESPS Peer-review Report

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

**ESPS Manuscript NO:** 9027

**Title:** Role of H. pylori infection on Nutrition and Metabolism

**Reviewer code:** 00039328

**Science editor:** Ma, Ya-Juan

**Date sent for review:** 2014-01-17 16:47

**Date reviewed:** 2014-01-25 05:57

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B (Very good)	<input checked="" type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	BPG Search:	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input checked="" type="checkbox"/> Minor revision
		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

## COMMENTS TO AUTHORS

This paper is an exhaustive review of the nutritional and metabolic effects (real or presumed) of H. pylori infection. The paper is interesting, and could be improved with some minor changes. This reviewer has the following comments: I. In general, it appears like different sections may have been written by different authors, as there is lack of a unitary style. Perhaps the leading author should review it further to ensure adequate uniformity of style and "tone". This is even more evident when different conclusions seem to be drawn by examining the same issue (see below). II. In the section on vitamin C, the first sentence has "Vitamin C is first absorbed and then is actively secreted , mainly in the antrum, from plasma into gastric juice". This is misleading, as it seems to imply gastric absorption of vit. C, while it is actively absorbed from the small intestine via SVCTs and GLUTs transporters; no gastric absorption. Please rephrase. III. In the section of GI hormones it is stated "...the gastric mucosal damage due to H. pylori provokes a marked increase of leptin and gastrin levels, and a reduction in ghrelin plasma levels"; yet in the subsequent section on Insulin resistance it is written: "H. pylori infection has been associated with lower ghrelin [56] and leptin [57] levels". So: Is leptin increased or decreased by H.pylori infection? The reader is left confused... IV. In the same section: "A recent systematic review [41] evaluated the studies investigating this relationship; interestingly, in 17 trials (63%) circulating ghrelin levels..." This is awkward. Do the authors mean 63% of the 17 trials? Strange way of presenting conclusions... V. The whole section on H. Pylori and Insuline Resistance needs been revised for English. For example, it is not "Insuline" but "insulin". But also the flow of the narrative has a somewhat awkward English style. VI. Lastly, the final phrase ("This opens new horizons in the diagnostic and therapeutical approaches of gastrointestinal and



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extra-intestinal diseases.") appears too pompous and quite far-fetched and should be modified.