

## ESPS PEER REVIEW REPORT

**Name of journal:** World Journal of Cardiology

**ESPS manuscript NO:** 15299

**Title:** Role of Helicobacter pylori infection in pathogenesis of Atherosclerosis.

**Reviewer code:** 00503535

**Science editor:** Ya-Juan Ma

**Date sent for review:** 2014-06-25 18:50

**Date reviewed:** 2014-07-21 08:32

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 checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> Existing	<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		BPG Search:	
<input type="checkbox"/> Grade E: Poor	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Existing	<input checked="" type="checkbox"/> Minor revision
		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

## COMMENTS TO AUTHORS

In this manuscript, the authors review on mechanisms of Helicobacter pylori-related atherosclerosis and its association with coronary artery disease, and conclude the association is not strong and causal role is not yet known. The article is well written and the results are very interesting. Therefore, the reviewer considers it can be accepted with minor changes: All nonstandard abbreviations should be defined, i.e., CAD, and correct misspelled words, i.e., Epstein-Barr virus.

## ESPS PEER REVIEW REPORT

**Name of journal:** World Journal of Cardiology

**ESPS manuscript NO:** 15299

**Title:** Role of Helicobacter pylori infection in pathogenesis of Atherosclerosis.

**Reviewer code:** 00061704

**Science editor:** Ya-Juan Ma

**Date sent for review:** 2014-06-25 18:50

**Date reviewed:** 2014-07-21 19:08

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"/> Existing	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good	<input checked="" 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	<input type="checkbox"/> Existing	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No records	<input checked="" type="checkbox"/> Major revision

## COMMENTS TO AUTHORS

The review by Dr. R. Vijayvergiya from Advanced Cardiac Center in Chandigarh entitled "Role of Helicobacter pylori infection in pathogenesis of atherosclerosis" is focused on the potential role of H.pylori in the pathogenesis of atherosclerosis. H.pylori as the most prevalent infection worldwide induces chronic gastritis that represents the low-grade inflammatory state leading through the release of pro-inflammatory cytokines and acute phase proteins to the acceleration of atherosclerosis. Author presents a review on this topic. Points of criticism: 1.The title is misleading because the author mainly concentrates on the role of H.pylori and the pathogenesis of coronary artery disease. In my opinion, Dr. Vijayvergiya should include also more data on the role of H.pylori in ischemic stroke and peripheral artery disease. 2. The evidence that H.pylori is involved in the pathogenesis is still very controversial and speculative, the number of positive and negative studies is almost equal. It is not enough to list the publication. The author should present this topic more critical. 3. The metabolic consequences of H.pylori should be presented more in detail. However, concerning this point, there is still a need for large interventional trials in order to prove a causal association between H.pylori and changes in lipid profiles. 4.H.pylori in the manuscript should be written Helicobacter pylori or H.pylori in italic and not H.Pylori! 5.The Table 2 should be presented as a figure. The authors should show the different pathogenic links between H.pylori and the development of atherosclerosis

## ESPS PEER REVIEW REPORT

**Name of journal:** World Journal of Cardiology

**ESPS manuscript NO:** 15299

**Title:** Role of Helicobacter pylori infection in pathogenesis of Atherosclerosis.

**Reviewer code:** 00503623

**Science editor:** Ya-Juan Ma

**Date sent for review:** 2014-06-25 18:50

**Date reviewed:** 2014-07-14 23:57

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> Existing	<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	<input type="checkbox"/> Existing	<input checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

## COMMENTS TO AUTHORS

This manuscript provides quite impartial but critical review of the literature on the possible relationship between Hp infection and atherosclerosis. Tough manuscript is well written and quite informative as reflected by the long list of references, there are several omissions which require additional attention. Firstly, to the readership of the Journal the abbreviation "CAD" is not obvious and should be defined in the introduction. The other, more serious issue, is the fact that the role of Hp major endotoxin, LPS, in the proinflammatory events is totally ignored. Hence, the section Ib on "chronic inflammation" should be expanded to include the proinflammatory mechanism of Hp LPS action, and include some pertinent references, i.e., Am. J. Molecular Biology, vol. 2(2012)113-1123; OA Inflammation 2013 April 01; (1):1-8; Inflammopharmacology vol. 21(2013)67-78; and Inflammopharmacology vol. 21 (2013)241-251.

## ESPS PEER REVIEW REPORT

**Name of journal:** World Journal of Cardiology

**ESPS manuscript NO:** 15299

**Title:** Role of Helicobacter pylori infection in pathogenesis of Atherosclerosis.

**Reviewer code:** 00051367

**Science editor:** Ya-Juan Ma

**Date sent for review:** 2014-06-25 18:50

**Date reviewed:** 2014-07-16 21:49

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"/> Existing	<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	<input type="checkbox"/> Existing	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No records	<input checked="" type="checkbox"/> Major revision

## COMMENTS TO AUTHORS

The topic is interesting, but the reading of this enormous amount of data is made difficult by the lack of summary tables. From the methodological point of view it has been not presented how was performed the analysis of the literature. Even in the case of a not systematic review, to more fully understand the strength of the items, the paper require a summary (table) for each section indicating synthetic data for each study and a synthetic judgment (example: +++, ++ -, + --, ----). At the end of the introduction it should be better explained the significance of the division into two large chapters