

PEER-REVIEW REPORT

Name of journal: World Journal of Meta-Analysis

Manuscript NO: 62164

Title: Helicobacter pylori infection and susceptibility to cardiac syndrome X: a systematic review and meta-analysis

Reviewer's code: 02541712

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Associate Professor, Chief Physician

Reviewer's Country/Territory: Slovakia

Author's Country/Territory: Iran

Manuscript submission date: 2020-12-30

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2021-01-28 16:11

Reviewer performed review: 2021-01-28 16:57

Review time: 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" 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 Grade E: Do not publish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 type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" 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



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SPECIFIC COMMENTS TO AUTHORS

Interesting article aiming to connect the H.Pylori infection and syndrome X. 1. This metaanalysis however, provides a rather small data sample which is somewhat biased to some Asian countries and its population. Small number of participants increases the bias even more. In fact, the matching case-control does not even match for age, which is a strong risk factor for CVD. 2. Several other risk factors of CSX need to be taken into account, mainly socio-economic status, smoking, alcohol consumption, environmental pollution etc. that all lead to endothelial dysfunction. 3. Authors also state that there is a connection between hypertension and H.Pylori, but in Western countries, H.Pylori infection is in decline and hypertension is growing in prevalence. 4. Authors should also discuss epidemiology of CSX. It is by far not the same disease as the Coronary artery disease, therefore common knowledge on the risk of CAD cannot be directly applied on the CSX. When we want to draw a conclusion that CSX is associated with H.Pylori, we should correct the findings for all already confirmed risk factors of CSX. If not, authors cannot be convinced that some selection bias or absent correction for known risk factors is actually distorting the results. Therefore, authors should discuss known risk factors of CSX, its epidemiology, risk factors and perhaps identify those that could be related to the risk of H.Pylori infection. 5. I miss the exact definition of CSX in the studies, did all patients have coronary angiography? If yes, smoking status should be included in such cases. 6. Introduction, "H.Pylorus" is used multiple times, then H.Pylori. "Pylori" is the correct latin adjective. 7. Authors should be careful in phrasing "support the contribution of infection with this bacterium in susceptibility to CSX". Evidence of association is not evidence for causation.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Meta-Analysis

Manuscript NO: 62164

Title: Helicobacter pylori infection and susceptibility to cardiac syndrome X: a systematic review and meta-analysis

Reviewer's code: 05423566

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Full Professor

Reviewer's Country/Territory: Croatia

Author's Country/Territory: Iran

Manuscript submission date: 2020-12-30

Reviewer chosen by: Jin-Lei Wang

Reviewer accepted review: 2021-03-29 07:04

Reviewer performed review: 2021-03-29 07:23

Review time: 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" 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 type="checkbox"/> Accept (General priority) <input checked="" 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



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The Authors have changed the manuscript in according to the Reviewer's comments and remarks. Please rewrite the references 44 and 51 using Latin alphabet. Some language polishing is required. I have no further remarks.