

PEER-REVIEW REPORT

Name of journal: World Journal of Cardiology

Manuscript NO: 56107

Title: Electronic cigarettes - myocardial infarction, hemodynamic compromise during pregnancy, and systolic and diastolic dysfunction: Minireview

Reviewer's code: 02951258

Position: Peer Reviewer

Academic degree: DSc, PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Ukraine

Author's Country/Territory: United States

Manuscript submission date: 2020-04-18

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2020-06-29 19:32

Reviewer performed review: 2020-06-29 21:24

Review time: 1 Hour

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 Grade E: Do not publish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 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



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SPECIFIC COMMENTS TO AUTHORS

Dear authors, thank you for your interesting manuscript “Electronic cigarettes - myocardial infarction, hemodynamic compromise during pregnancy, and systolic and diastolic dysfunction: Minireview”. The main topic of this article is interesting and actual. The objective of the study was to evaluate the safety of Electronic Cigarettes in the context of cardiovascular disease and in the context as a tool for smoking cessation by reviewing the most recent literature. References should be checked and inserted accordingly and successively in the text, especially in this part of review: Another study from UCSF consisting of a longitudinal reverse causality analysis studied the relationship between ECs and MI. The study used data from a separate “PATH” study from the University of Michigan National Addiction & HIV Data Archive Program. The data set included a nationally representative pool of 34,325 adults aged ≥ 18 years of age interviewed to collect data on their uses of tobacco products, health outcomes, risk perception, and attitudes [20]. Data was collected over the span of 2 years from September 2013 to October 2015. They determined the associations between e-cigarette initiation and MI, adjusted for cigarette smoking, demographic and clinical variables and like the aforementioned study, there was a significant, dose-specific response for independent EC use and MI (odds ratio 2.25 for everyday use) along with an even higher OR 6.64 for dual users of EC and TC relative to never-smoker controls [7][11]. The database referenced for this UCSF study is limited in that it was a voluntary survey and the questionnaire did not ask participants about various electronic cigarette nuances such as nicotine presence or absence, dosage, EC device generation and battery voltage. Authors concluded, that most recent literature review is unable to rule-out the dangers of ECs as aforementioned in references above and due ongoing reports of acute lung injury and even instances of lethal consequences. As per my opinion the statement



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must be formulated clearer, that E-cigarettes should not be used as a less risky alternative to cigarettes at all and especially among people with cardiovascular diseases.

PEER-REVIEW REPORT

Name of journal: World Journal of Cardiology

Manuscript NO: 56107

Title: Electronic cigarettes - myocardial infarction, hemodynamic compromise during pregnancy, and systolic and diastolic dysfunction: Minireview

Reviewer's code: 02888410

Position: Editorial Board

Academic degree: MD, N/A, PhD

Professional title: Assistant Professor, Associate Professor, Staff Physician

Reviewer's Country/Territory: Spain

Author's Country/Territory: United States

Manuscript submission date: 2020-04-18

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2020-06-17 15:28

Reviewer performed review: 2020-06-30 10:54

Review time: 12 Days and 19 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input checked="" type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" 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 type="checkbox"/> Major revision <input checked="" type="checkbox"/> Rejection
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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

The manuscript have a lot of pitfalls. First of all, it is very untidy, from the abstract to the end. There is no need to add the academic center name after the author's family name. They put together, without any kind of order, relevant trials on hard end points with "in vitro" experiences or studies about surrogate markers of cardiovascular disease. The paragraph about pregnancy is absolutely unhelpful, they only described one "in vitro" experiment. No clear conclusions are drawn.