

Response to the Reviewers and Editors

Reviewer 1 comments

Reviewer #1:

Specific Comments to Authors: This article discusses the evolving legal landscape of abortion in the United States and its implications, particularly focusing on the cardiovascular complications that can arise following medical termination of pregnancy (MTP). Some aspects need to be evaluated:

Comment 1• The methodology used in the meta-analysis should be listed and described. It may be possible to add a supplement.

Answer 1: As per the reviewer's recommendation we have expanded on the methodology.

(Page 8, paragraph 3, 1st line)

(Page 8, paragraph 3, 6th line)

(Page 8, paragraph 4, 1st line)

Comment 2• The definition of cardiovascular complication that used in the study should be explained in the methodology.

Author response 2: We would like to thank the reviewer for the recommendations. As per the previous set of reviewers comments we have shifted the cardiovascular complications definition from the methodology to discussion. We have added the definition to the methodology as per the current recommendations.

(Page 9, paragraph 2, 1st line)

Comment 3• Statistical analysis should be included in the method.

Author response 3: As per the reviewer's recommendations We have incorporated the statistical analysis method in the methodology.

(Page 10, paragraph 3, 1st line)

Comment 4• Several studies have reported cardiovascular complications following abortion, for example a study by Harry Kyriacou and others, "The risk of cardiovascular diseases after miscarriage, stillbirth, and induced abortion: a

systematic review and meta-analysis", European Heart Journal Open, Volume 2, Issue 5, September 2022, oeac065, <https://doi.org/10.1093/ehjopen/oeac065>. What is the novelty of the present study?

Author response 4: We would like to thank the reviewer for their recommendations. The previous studies including the one mentioned above have reported that women with previous pregnancy loss, following miscarriage, still birth, induced abortion are at higher risk of coronary heart disease, stroke. However, in the study, we report the various cardiovascular complications, following medical termination of pregnancy. We have incorporated the result from the above study and have incorporated the same in our study.

(Page 18, paragraph 2, 8th line)

Comments 5• The vocabulary employed in the manuscript exhibits a considerable amount of repetition.

Author response 5: We have reviewed the manuscript and we have made our efforts to reduce the number of repetitions. We would like to thank the reviewer for their recommendations.

Reviewer 2 comments

Comments for improvement:

Comment 1. Suggest adding keywords: termination of pregnancy

Author response 1: As per the reviewers' recommendation, we have added the keyword.

(Page 1, paragraph 2, 2nd line)

Comment 2. Minor grammar improvements: no capital needed in abstract line 9?

Author response 2: As per the recommendations, we have made the required changes.

(Page 6, paragraph 2, 9th line)

Comment 3. List numbers should be the same style and complete: Introduction paragraph 2.

Author response 3: We have made the changes as recommended by the reviewer.

(Page 7, paragraph 3, 3rd line)

(Page 7, paragraph 3, 6th line)

(Page 7, paragraph 3, 7th line)

Comment 4. Reference number in the manuscript should be the same style and accordance with the journal requirement.

Author response 4: We thank the reviewer for the suggestions, we have made the changes as was recommended.

(Page 7, paragraph 3, 3rd line)

(Page 7, paragraph 3, 6th line)

(Page 7, paragraph 3, 7th line)

(Page 9, paragraph 2, 9th line)

(Page 10, paragraph 1, 2nd line)

(Page 10, paragraph 2, 2nd line)

(Page 11, paragraph 1, 20th line)

(Page 12, paragraph 1, 23rd line)

(Page 13, paragraph 1, 15th line)

(Page 13, paragraph 2, 9th line)

(Page 14, paragraph 1, 5th line)

(Page 14, paragraph 1, 7th line)

(Page 14, paragraph 1, 11th line)

(Page 14, paragraph 1, 13th line)

(Page 14, paragraph 2, 4th line)

(Page 14, paragraph 2, 6th line)

(Page 14, paragraph 2, 9th line)

(Page 15, paragraph 1, 2nd line)

(Page 15, paragraph 1, 6th line)

(Page 15, paragraph 1, 15th line)

(Page 15, paragraph 2, 2nd line)

(Page 16, paragraph 1, 2nd line)

(Page 16, paragraph 1, 4th line)
(Page 16, paragraph 2, 2nd line)
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(Page 16, paragraph 2, 6th line)
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(Page 16, paragraph 2, 12th line)
(Page 16, paragraph 2, 13th line)
(Page 16, paragraph 2, 14th line)
(Page 16, paragraph 2, 16th line)
(Page 17, paragraph 2, 1st line)
(Page 17, paragraph 2, 8th line)
(Page 17, paragraph 2, 10th line)
(Page 17, paragraph 2, 13th line)
(Page 18, paragraph 1, 1st line)
(Page 18, paragraph 1, 3rd line)
(Page 18, paragraph 1, 10th line)
(Page 18, paragraph 1, 13th line)
(Page 18, paragraph 2, 5th line)
(Page 18, paragraph 2, 6th line)
(Page 19, paragraph 1, 2nd line)

Comment 5. The title of the figures and tables should be improved.

Author response 5: We have made the changes in the titles of the figures and the tables.

(Page 32 paragraph 2, line 1)

Comment 6. Table 1 and 4 were too complicated and unclear.

Author response 6: We appreciated the recommendations suggested by the reviewer and we have made the changes in table 1 and 4 for clarity.

(Page 33)

(Page 48)

Reviewer 3 comments

Minor issues –

Comment 1: Abstract: Consider rephrasing "In conclusion, cardiovascular complications post termination of pregnancy are rarely described in the literature."

Author response 1: As per the reviewer's recommendations, we have made the necessary changes.

(Page 6, paragraph 2, 18th line)

Comment 2: Materials and Methods: Please amend "we reached out to the authors" for "we directly contacted the authors".

Author response 2: We made the changes which were recommended.

(Page 8, paragraph 4, 6th line)

Comment 3- Materials and Methods": Please consider amending "Two independent reviewers independently screened the abstracts" for either "Two reviewers independently screened the abstracts" or "Two independent reviewers screened the abstracts".

Author response 3: As per the recommendations given by the reviewer, we have made amendment.

(Page 9, paragraph 1, 1st line)

Comment 4: Discussion: Please amend "US.1" for "US". - Discussion: Please amend "inflammation." for "inflammation". - Discussion: Please amend "myocarditis.1" for "myocarditis.". - Discussion: Please amend ".Despite the above study" for "Despite the above study". - Core tip" Please amend ". bradyarrhythmia " for ". Bradyarrhythmia ". - Table 2: Please amend "Asprin" for "Aspirin". - Table 2: Please amend "levosimenden" for "levosimendan". - Table 2: Please consider amending "Hypo/akinses" for "Hypo/akinsia". - Table 2: Amend "inferio-septal" for "inferoseptal".

Author response 4:

As per the reviewer's recommendations, we have made the changes.

(Page 14, paragraph 1, 2nd line)

(Page 14, paragraph 1, 10th line)

(Page 9, paragraph 3, 6th line)

(Page 15, paragraph 1, 14th line)

(Page 20, paragraph 1, 6th line)

(Page 43, column 6, 1st line)

(Page 40, column 6, 3rd line)

(Page 43, column 4, 2nd line)

(Page 45, column 4, 1st line)

Language proficiency:

We appreciate the recommendations by the editor for the language proficiency, and I would like to thank the editor for the same. As all the authors of this study are native English speakers, we do not feel the need for the requirement for the language proficiency.

The reviewer response:

2023-08-25 02:34

Reviewer comment 1. Minor grammar improvements: page 5, reference 3

Response: Thank you very much for the minor grammar improvement. We have made changes in the:

(Page 5, paragraph 3, line 2)

Reviewer comment 2. Table 1, table 2, and table 3 in the manuscript, need simplify and improvement.

Response: Thank you very much for the recommendations. The changes are made in the tables as follows:

(Pages 35, 37, 44)

Abbreviations:

Editors comments:

Comment 1: I have reviewed the Peer-Review Report, the full text of the manuscript, and the relevant ethics documents, all of which have met the basic publishing requirements of the World Journal of Cardiology, and the manuscript is conditionally accepted.

Author response 1: We sincerely thank the Editor for considering our manuscript favourably.

Comment 2: Before final acceptance, uniform presentation should be used for figures showing the same or similar contents; for example, "Figure 1 Pathological changes of atrophic gastritis after treatment. A: ...; B: ...; C: ...; D: ...; E: ...; F: ...; G: ...".

Author response 2: We thank the editor for the recommendations and we have made the necessary modifications.

Comment 3: Please provide the original figure documents.

Author response 3: We thank the editor for the comments, we have provided the figures in separate documents.

Comment 4: Please prepare and arrange the figures using PowerPoint to ensure that all graphs or arrows or text portions can be reprocessed by the editor.

Author response 4: We have shared the power point presentation for the figures.

Comment 5: Authors are required to provide standard three-line tables, that is, only the top line, bottom line, and column line are displayed, while other table lines are hidden. The contents of each cell in the table should conform to the editing specifications, and the lines of each row or column of the table should be aligned.

Author response 5: We thank the editor for the recommendations, and we have made the necessary modifications.