

Thank you for allowing us to revise our manuscript in light of the reviewers' helpful comments and suggestions. Please find below a point-by-point response to the Editor and Reviewers' comments. We hope this revised draft has improved the overall quality of the paper and it is now acceptable for publication in World J Diabetes.

Reviewer #1:

Scientific Quality: Grade C (Good)

Language Quality: Grade B (Minor language polishing)

The manuscript has been re-checked by a native speaker

Conclusion: Minor revision

Specific Comments to Authors:

1. Please indicate the reason why the authors have carried out a scoping review and not a systematic review

The primary goal of our review was to map the available evidence and to identify knowledge gaps on a very broad topic namely the impact of smoking cessation on metabolic parameters of diabetic . As such, scoping reviews are an ideal tool to determine the scope of coverage of a body of literature on a given topic and give a clear indication of the volume of literature and studies available as well as an overview (broad or detailed) of its focus. By conducting a scoping review, we can establish whether the available evidence was enough to formulate/inform more specific questions that could be then addressed by a formal systematic review. Therefore, scoping review is more appropriate for highlighting a literature gap than a systematic review. Nevertheless, both approaches require the same rigorous and transparent methods in their conduct to ensure that the results are trustworthy.

2. In the introduction, it would be more appropriate to describe the background briefly and describe in detail the academic articles in the review itself.

We have focused on the background/scope of our article and shortened the text in the Introduction.

3. When talking about studies or cohorts or using acronyms (ADVANCE), please include the meaning of the acronyms.

Added to the text. ADVANCE: Action in Diabetes and Vascular Disease: Preterax and Diamicron modified release Controlled Evaluation.

4. "We systematically reviewed." Academic papers are often written impersonally

Amended in the text

5. When describing the bibliographic search, the authors must include the date it was carried out.

Included in the text

6. Consider rearranging the manuscript as follows: 3. Results 3.1. Smoking cessation...

The manuscript has been rearranged as required by the journal - with a topic specifying headings (bolded, capitalized, and underlined) and subheadings (bolded).

7. Correct the term "renal end-stage disease (RESA)" by end-stage renal disease (ESRD).

The term has been corrected throughout the manuscript.

8. The tables must include the meaning of the abbreviations, such as T2D, even if they are already specified in the main text

The meaning of the abbreviations used in tables has been added to the legend.

Reviewer #2:

Scientific Quality: Grade B (Very good)

Language Quality: Grade B (Minor language polishing)

The manuscript has been re-checked by a native speaker.

Conclusion: Accept (General priority)

Specific Comments to Authors: The paper systematically reviewed many published literatures on the impact of stopping smoking on metabolic indices. In addition to reducing overall and cardiovascular mortality, it is found that stopping smoking provides may provide significant health benefits to people with diabetes. However, it is noteworthy that weight gain after stopping smoking may attenuate some of these health benefits. This paper also points out the limitations existing in the current study, including methodological issues. Furthermore, there is little research exploring the benefits of stopping smoking in people with diabetes. Studies of the effects of quitting smoking on metabolic parameters among people with diabetes should be conducted more frequently and with higher standards of quality. This paper has some clinical guiding significance for diabetic patients with smoking. In the event that patients quit smoking, healthcare professionals should closely supervise and monitor diabetic patients' metabolic parameters and not assume that they will improve. In particular, prevention of weight gain after smoking cessation must be considered a top priority. The layout of this article is reasonable, the writing of this article is methodical, the content is rich, the conclusion has significance good clinical guiding. Therefore, we recommend the article to be published

Thank you for praising our work.

Science editor:

The manuscript describes the effect of smoking cessation on diabetics, and recommends increasing the effect of smoking cessation on metabolic parameters in diabetic patients. The manuscript is well, concisely and coherently organized. Self-Citation Count: 5 The self-referencing rate should be less than 3%. It is unacceptable to have more than 3 references from the same journal. To resolve this issue and move forward in the peer-review/publication process, please revise your reference list accordingly. The format of the table should be a three-line table.

We have reduced Self-Citation Count, down to 3. The reference list has been revised as per Science Editor's request and renumbered accordingly. Tables have been reformatted.

Company editor-in-chief:

I have reviewed the Peer-Review Report, full text of the manuscript, and the relevant ethics documents, all of which have met the basic publishing requirements of the World Journal of Diabetes, and the manuscript is conditionally accepted. I have sent the manuscript to the author(s) for its revision according to the Peer-Review Report, Editorial Office's comments and the Criteria for Manuscript Revision by Authors. Please be sure to use Reference Citation Analysis (RCA) when revising the manuscript. RCA is an artificial intelligence technology-based open multidisciplinary citation analysis database. For details on the RCA, please visit the following web site:

<https://www.referencecitationanalysis.com/>. Please 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. Do not use carriage returns or spaces to replace lines or vertical lines and do not segment cell content.

The manuscript has been revised according to the Peer-Review Report, Editorial Office's comments, and the Criteria for Manuscript Revision by the Authors. Tables have been reformatted to standard three-line format.