

ROUND 1

SPECIFIC COMMENTS TO AUTHORS

Responses Reviewer 06368358

We appreciate all the reviewer's suggestions and time spent on improving the quality of the research paper.

1. Title should contain “review article” with its types i.e. systematic or narrative (traditional / educational) or Meta-analysis.

The Title was changed according to the reviewer suggestions

2. Some words should also be added in title i.e. “TIGHT JUNCTIONS AND THE CHRONIC COMPLICATIONS OF DIABETES MELLITUS – A (NARRATIVE OR EDUCATIONAL OR) REVIEW”.

The Title was changed according to the reviewer suggestions

3. Abstract should be corrected as per the suggestions mentioned as comments in the manuscript (word file). Some sentences must be checked and corrected.

The Abstract was corrected according to the reviewer suggestions

4. Objectives are not mentioned clearly.

The objectives were corrected according to the reviewer suggestions

5. Background is well elaborated in Introduction but rationale of the review is not properly mentioned.

Changes were done and corrected according to reviewer suggestions

6. Authors have written that they had searched systematically. Hence, searching methods should be elaborated.

A methodology section was added; also a figure (Figure 2) was included summarizing the searching methodology

7. Observations of searching should also be mentioned (as flow diagram or textual).

Corrections mentioned in the previous paragraph

8. Some explanations must be quoted (as commented in manuscript).

Changes were done



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9. Whole article is mainly on the basis of previous researches and published articles. There is lack of personal thinking or 10ritical analysis on the matter which searched and identified by the authors. Though two algorithms related to the matter was drawn, critical analysis on the searched matter is mandatory in review and will increase the weightage of the article.

A section of implications of these review was added, also more figures were added, and conclusions were corrected.

10. How the matter should be useful (strength) and limitation of the review must have to be mentioned.

Limitations of the review were added at the end of conclusions

11. All other (small/linguistic) changes suggested as comment box in the manuscript must be checked and revise the article accordingly.

All the paper was revised in order to improve the orthographic mistakes



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SPECIFIC COMMENTS TO AUTHORS

Responses Reviewer 04726030

We appreciate all the reviewer's suggestions and time spent on improving the quality of the review paper.

1. First I appreciate the authors for summarizing the recent findings of TJ disruption and increase in paracellular permeability at different organ barriers that are associated with diabetic complications.

2. I suggest that immediately after the background, a methodology section should be included. In it you can state the following "We systematically searched PubMed and Google Scholar databases to identifies articles about TJs and diabetes".

A methodology section was added; also a figure (Figure 2) was included summarizing the searching methodology

3. Also use the Reference Citation Analysis (RCA) as part of the databases to retrieve more relevant and recent articles. The method section should include period of literature search, possible key words for the search, type of articles included in this review, language of articles, article access type, and the type of literature review conducted/design adopted (e.g. narrative or discursive etc) and the rationale.

a. we searched the RCA database

b. key words and methodology were included in the paper

4. Next sections should then be termed discussion (heading).

Added as suggested by the Reviewer, however a further review by the WJD editor suggest take it out of the paper.

5. Just before the conclusion section, authors need to include a heading "Implications" and thoroughly discuss the lessons to be taken from their present review so as to clearly point out the paper's scientific significance and relevance to clinical practice sufficiently.

A section about implications was added



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6. **Use of graphic illustrations/figures by authors are also encouraged to further highlight the clinical implications and novelty aspect of this paper.**

Some new figures were also added

7. **The conclusion section needs to be further developed to clearly interpret the paper's findings adequately and appropriately, highlighting the key points concisely, clearly and logically.**

The conclusion was rewritten according to the suggestion done by the Reviewer

8. **Please further improve the language structure and quality of the entire manuscript.**

Language structure was revised



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ROUND 2

SPECIFIC COMMENTS TO AUTHORS 1. This is not a pure systematic review. This is narrative or educational review. Because authors have not followed the SALSA or PSALSAR method to evaluate all published manuscripts related to the topic. The matter of the article didn't contain the assessment and evaluation of the articles specifically published on 'tight junction' for their biases and others. The matter of this article are in the favor of narrative review.

TITLE WAS CHANGED AND THE ARTICLE WAS CONSIDERED AS NARRATIVE REVIEW.

2. Figures and tables are not found at anywhere. They are neither available on the website nor in the revised manuscript.

FIGURES ARE ATTACHED AS A POWER POINT FILE. TABLE 1 IS ATTACHED AS A WORD FILE