PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

Manuscript NO: 95041

Title: Periodontal disease: A silent factor in the development and progression of diabetic retinopathy

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 07906998

Position: Peer Reviewer

Academic degree: MD

Professional title: Postdoctoral Fellow, Research Fellow, Researcher

Reviewer’s Country/Territory: United States

Author’s Country/Territory: Mexico

Manuscript submission date: 2024-03-30

Reviewer chosen by: AI Technique

Reviewer accepted review: 2024-03-31 19:16

Reviewer performed review: 2024-03-31 19:23

Review time: 1 Hour

<table>
<thead>
<tr>
<th>Scientific quality</th>
<th>Grade A: Excellent</th>
<th>Grade B: Very good</th>
<th>Grade C: Good</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ Y]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Novelty of this manuscript</th>
<th>Grade A: Excellent</th>
<th>Grade B: Good</th>
<th>Grade C: Fair</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>[ Y]</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>[ ]</td>
<td>[ ]</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Creativity or innovation of this manuscript</th>
<th>Grade A: Excellent</th>
<th>Grade B: Good</th>
<th>Grade C: Fair</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>[ ]</td>
<td>[ Y]</td>
<td>[ ]</td>
</tr>
<tr>
<td></td>
<td>[ ]</td>
<td></td>
<td>[ ]</td>
</tr>
</tbody>
</table>

[ ] Grade D: No creativity or innovation
### Scientific significance of the conclusion in this manuscript

- [ ] Grade A: Excellent
- [ ] Grade B: Good
- [ Y] Grade C: Fair
- [ ] Grade D: No scientific significance

### Language quality

- [ ] Grade A: Priority publishing
- [ Y] Grade B: Minor language polishing
- [ ] Grade C: A great deal of language polishing
- [ ] Grade D: Rejection

### Conclusion

- [ ] Accept (High priority)
- [ ] Accept (General priority)
- [ Y] Minor revision
- [ ] Major revision
- [ ] Rejection

### Re-review

- [ ] Yes
- [ Y] No

### Peer-reviewer statements

- Peer-Review: [ Y] Anonymous
- [ ] Onymous

- Conflicts-of-Interest: [ ] Yes
- [ Y] No

---

**SPECIFIC COMMENTS TO AUTHORS**

Overall, the manuscript is well-written and provides valuable insights into the relationship between periodontal disease and diabetic retinopathy. With minor revisions, it has the potential to contribute significantly to the field of diabetes research and management. Specific Comments:

- **Abstract:** The abstract provides a clear overview of the editorial's content. However, it could be enhanced by briefly mentioning the significance of the findings from the Thazhe et al. study and their implications for diabetes management.

- **Introduction:** The introduction effectively sets the stage for the discussion on the interplay between PD, DM, and DR. However, a brief mention of the prevalence of PD in patients with T2DM compared to non-diabetics could provide a stronger context for the significance of the topic.

- **Association between DR and PD:** This section is well-elaborated, with a detailed discussion on the mechanisms linking PD and DR. It might be beneficial to include a sentence or two summarizing the key findings from the studies mentioned, to provide a clearer picture of the current state of research.

- **Future Perspectives:** The suggestions for future research are insightful. It would be helpful to mention any existing challenges or barriers in integrating periodontal health into
diabetes management and how they might be addressed. Conclusion: The conclusion effectively summarizes the key points of the editorial. It could be strengthened by adding a sentence emphasizing the potential impact of integrating dental care into diabetes management on public health.