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| Journal Name: | **International Journal of Research and Reports in Dentistry** |
| Manuscript Number: | **Ms\_IJRRD\_140421** |
| Title of the Manuscript: | **From Plaque to Pulse—Exploring the Unexpected Impact of Streptococcus mutans on Oral and Heart Health: A Review** |
| Type of the Article |  |

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|  | **Reviewer’s comment**  **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | This manuscript presents a timely and relevant overview of the connection between oral health, specifically dental plaque and systemic cardiovascular outcomes. By highlighting the link between periodontal disease and heart health, it reinforces the importance of interdisciplinary care between dentistry and medicine. The review not only raises awareness but also encourages early preventive strategies that could reduce long-term cardiovascular risks. It is a valuable contribution to both dental and medical literature, particularly in the context of growing interest in oral-systemic health connections. | The relationship between oral health, specifically dental plaque, and systemic cardiovascular outcomes is summarized in this publication in a current and pertinent manner. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Yes | YES |
| **Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.** | The abstract is relevant and informative but would benefit from clearer structure and inclusion of key mechanisms linking oral health to cardiovascular disease. A brief concluding sentence on clinical relevance or future scope would enhance its impact. | NO, I don’t feel to add or delete the mater from the manuscript. The Abstract is apt for the title. |
| **Is the manuscript scientifically, correct? Please write here.** | Yes | YES |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | Yes | YES |
| **Is the language/English quality of the article suitable for scholarly communications?** | Yes | YES |
| **Optional/General** comments |  |  |

PART 1: Comments

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| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in details)* | NO |