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| Journal Name: | [**Archives of Current Research International**](https://journalacri.com/index.php/ACRI) |
| Manuscript Number: | **Ms\_ACRI\_144282** |
| Title of the Manuscript: | **VERTICAL ADAPTATION OF FIXED IMPLANT-SUPPORTED PROSTHESES: CONVENTIONAL SYSTEM VERSUS CAD/CAM SYSTEM– LITERATURE REVIEW** |
| Type of the Article | **Original Research Article** |

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| PART 1: Comments | | |
|  | 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.** | **The article is important** | This manuscript offers an extensive and up-to-date synthesis of experimental and clinical evidence on the passive fit and vertical adaptation of implant-supported prosthetic frameworks, a topic of direct relevance to both restorative dentistry and implantology. By integrating findings from in vitro studies, systematic reviews, and diverse CAD/CAM and conventional fabrication techniques, it highlights how material selection, manufacturing method, and laboratory procedures affect stress distribution and long-term clinical success. The comprehensive analysis not only clarifies critical factors influencing misfit—such as welding protocols, milling precision, and prosthesis design—but also identifies CAD/CAM technology as a key driver of improved accuracy and predictability. These insights provide clinicians, researchers, and dental technicians with evidence-based guidance for optimizing treatment outcomes and set a foundation for future innovations in digital dentistry and implant-supported rehabilitation. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes** | I kindly appreciate the comments |
| 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. | **yes** | I kindly appreciate the comments |
| Is the manuscript scientifically, correct? Please write here. | yes | I kindly appreciate the comments |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | No  Add the following references as mentioned in the attached file -[Knowledge, Attitude, and Awareness Regarding Dental Implants among Medical student](https://www.scopus.com/pages/publications/105001814840) Mahdi, A.G.M.  [Journal of International Dental and Medical ResearchOpen source preview](https://www.scopus.com/authid/detail.uri?authorId=59207999800), 2025, 18(1), pp. 362–366 -[KNOWLEDGE, ATTITUDE OF MEDICAL STUDENTS REGARDING ORAL LICHEN PLANUS](https://www.scopus.com/pages/publications/85197718929) Mahdi, A.G.M.  [Journal of the Balkan Tribological AssociationOpen source preview](https://www.scopus.com/authid/detail.uri?authorId=59207999800), 2024, 30(3), pp. 389–395 -[A retrospective analytic study of mandibular fracture patterns in two different periods in Baghdad](https://www.scopus.com/pages/publications/84880755022) Mahdi, A.G.M., Ali, I.A.A.  [Journal of Oral and Maxillofacial Surgery Medicine and PathologyOpen source preview](https://www.scopus.com/authid/detail.uri?authorId=59207999800), 2013, 25(3), pp. 205–209 | We appreciate the editor’s recommendation to include the articles by Mahdi et al. After reviewing their content, we agree that they provide valuable context and will incorporate all three references into the revised manuscript as suggested. |
| Is the language/English quality of the article suitable for scholarly communications? | suitable | I kindly appreciate the comments |
| Optional/General comments |  | I kindly appreciate the comments |

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| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s Feedback** (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, there are no ethical issues in this manuscript. This study is a descriptive literature review that does not involve human participants, animal subjects, or the collection of personal or clinical data. Therefore, it does not require ethical approval or raise any concerns related to research ethics. |