

# Review of: "Relationship between In Vitro Physical Properties and In Situ Biofilm Formation of Fissure Sealants"

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Potential competing interests: No potential competing interests to declare.

## Comments and suggestions:

With regard to the article entitled "Relationship between In Vitro Physical Properties and In Situ Biofilm Formation of Fissure Sealants," although the topic of the article is interesting, some considerations are required before it is accepted for publication, as listed below:

1. In the introduction section, it should be updated with references and should provide some literature review of previous studies to establish novelty.
2. In the Materials and Methods section, the preparation method is demonstrated with an acceptable description, but you could use a diagram or flow chart to make the method clearer in explanation.
3. It is well known that the Ca/P molar ratio of synthetic hydroxyapatite is 1.67. However, you mentioned in the Materials and Methods section that the HAP was prepared with a Ca/P molar ratio of 1.64. Please explain that.
4. The preparation method of the hydroxyapatite paste should be mentioned in detail in the materials and methods section.
5. All tables require additional formatting.
6. SEM figures lack the info bar below each figure.
7. Table and figure captions need to be more detailed.
8. A comparison of the research's results with other studies in the same field: more discussion can be had regarding the similarities and differences in the Discussion section.
9. Recent references are not cited in the manuscript.
10. The language and writing style could be enhanced to make the work more interesting.