



Subject: [BDS] Editor Decision

Maria Clara Fernandes Ribeiro Dantas:

We have reached a decision regarding your submission to Brazilian Dental Science, "AI in Early Oral Cancer Detection: A Systematic Review of Technologies and Clinical Impact".

Our decision is: Resubmit

Profa. Dra. Renata Falchete do Prado

Departamento de Biociências e Diagnóstico Bucal

Instituto de Ciência e Tecnologia da UNESP - São José dos Campos

Department of Biosciences and Oral Diagnostics

UNESP Institute of Science and Technology - São José dos Campos

Reviewer C:

Recommendation: Accept Submission

Questionnaire

Does the manuscript contain new and significant information to justify publication?*

Yes

Does the Abstract (Summary) clearly and accurately describe the content of the article?

Yes

Is the problem significant and concisely stated?

Yes

Are the methods or research design described comprehensively? Is the statistical analysis adequate?

Not Applicable

Are the interpretations and conclusions justified by the results?

Yes

Is adequate reference made to other work in the field?

Yes

Is the language acceptable?

Yes

Manuscript Structure

Length of article is:*

Adequate

Number of tables is:

Adequate

Number of figures is:

Adequate

Please state any conflict(s) of interest that you have in relation to the review of this paper (state “none” if this is not applicable).

None

Rating

Interest*

Good

Quality

Excellet

Originality

Good

Overall

Good

Recommendation

Accept

Would you be willing to review a revision of this manuscript?

Yes

Comments

Comments to the Author

The authors have conducted a systematic review correctly, following current quality standards. The topic in question—the role of artificial intelligence in the early diagnosis of oral cancer—is very interesting due to its potential clinical impact in the medium to long term.

I believe that the work presented satisfies the quality criteria for publication.

Reviewer E:

Recommendation: Revisions Required

Questionnaire

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Yes

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Is the problem significant and concisely stated?

Yes

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Yes

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None

Rating

Interest*

Excellent

Quality

Good

Originality

Excellent

Overall

Good

Recommendation

Minor Revision

Would you be willing to review a revision of this manuscript?

Yes

Comments

Comments to the Author

- This systematic review has been performed on a valid topic related to the use of AI in diagnosis of oral cancers. I would like to congratulate the authors for undertaking this review.
- Table one indicates that the inclusion criteria is “AI studies focused on the diagnosis of oral lesions”. However, the systematic review is focusing on AI in Oral

Cancer detection. Kindly clarify this.

- Explain the use of Coblis – Color Blindness Simulator in detail.
- Explain further the potential reason for variations in achieved accuracies using different models.
- Give full form for all abbreviations used.
