

Gabriela Martins França, Max José Pimenta Lima, Rebeka Bahia Rodrigues,  
Elisângela de Jesus Campos, Milton Santamaria Junior:

We have reached a decision regarding your submission to Brazilian Dental Science, "Influence of pH-cycling in de-remineralization environment on the strength degradation of orthodontic elastics."

Our decision is: Resubmit

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Reviewer A:

Recommendation: Revisions Required  
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### **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?

Yes

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\*

Excellent

Quality

Excellet

Originality

Good

Overall

Good

**Recommendation**

Minor Revision

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

Yes

## Comments

### *Comments to the Author*

Dear Authors,

To improve the readability and clarity of your manuscript, I have the following suggestions:

#### Abstract

Please remove detailed methodological information, such as the statistical tests used and equipment models. The conclusion section could also be strengthened. You mention differences between groups — could you better explain why Group A shows a better response? Providing a concise interpretation would enhance the impact of your findings.

#### Introduction

In the hypothesis section, please include that, in addition to the pH-cycling approach in a de-/remineralization environment, the study also evaluated two different brands of latex elastics. This clarification will help the reader better understand the experimental design.

#### Results

Please remove the word “significantly,” since you already report p-values. When  $p < 0.05$ , it is not necessary to also state that the difference is “significant.”

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