

## Demineralization level of human tooth enamel after exposure to alcoholic and non-alcoholic beverages: A scanning electron microscopic study.

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### Mechanical review

#### Round 1

Comments (31-Dec-23)	Author's response (2-Jan-24)
<p>The format does not meet the submission criteria for a Brief Article. Your abstract should not exceed 200 words, the main text should not exceed 1500, and tables and figures jointly should not exceed 3.</p> <p>Please indicate on the title page whether it is based on your thesis work.</p>	<p>We have revised as per guidelines of the "Brief article" and submitted.</p>

#### Round 2

Comments (3-Jan-24)	Author's response (3-Jan-24)
<p>We see three submissions on the same topic. In the future, please upload revised files without initiating a new submission. I shall remove the previous two submissions.</p> <p>We can start the review process now. Thank you for your understanding,</p>	<p>Thank you for the guidance. Please delete the previous submissions and consider current one submission ID #70826.</p>

### Technical review

Reviewer's information			
Date review assigned	17-Jan-24	Date review completed	19-Jan-24
Reviewer name	A	Do you have any conflict of interest with the author/s?	No
ORCID	-	Do you wish to be disclosed to the author?	No
Reviewer's comments (19-Feb-24)		Author's response (13-Mar-24)	
		<p>[Please write a response if the score below 6. You must change the manuscript as per your response. Mention line numbers.]</p>	
<p><b>Major points:</b></p> <ol style="list-style-type: none"> <li>The research is limited to qualitative analysis. What about quantitative analysis? Has there any changes of Ca &amp; P level following exposure to beverages? This portion showed be clarified.</li> <li>There is no hypothesis in the introduction. Author should include a word such as it can be assumed that demineralization level of human tooth enamel might increase after exposure to alcoholic and non-alcoholic beverages.</li> <li>Author should write why this research is necessary to perform. At line 111-112, author wrote "There is also lack of studies about qualitative and direct visual analysis of enamel structural features under scanning electron microscope" is not appropriate as rational. Author should write, further research is necessary to clarify the changes of enamel surface following exposure to alcoholic and non-alcoholic beverages by the SEM.</li> <li>In the discussion part: Author should explain why &amp; how the beverages demineralize the enamel surface? Does the results found in the present study has similarities &amp; dissimilarities with that of previous findings? Furthermore, author should explain the reasons of the followings with references:</li> </ol>		<ol style="list-style-type: none"> <li>The clarification about qualitative and quantitative analysis was described in DISCUSSION SECTION (line no. 265-273).</li> <li>Study hypothesis was included in the introduction (Line no.119-120).</li> <li>Rational was rewritten with the reviewer's feedback (Line no.122-123).</li> <li>Explanation about why and how beverages demineralize the enamel was described in Line no. 252-256. The results found in the present study has similarities &amp; dissimilarities with that of previous findings were reveled in Line no. 241-250.</li> </ol>	

Reviewer's information	
<p>a. Why the demineralization in non-alcoholic beverages was greater than that of alcoholic beverages.</p> <p>b. Why the demineralization capacity of beverages was inversely proportional to pH of beverages.</p>	<p>a. Clarification was done in Line no. 258-260.</p> <p>b. Clarification was done in Line no. 260-263.</p>
<b>Reviewer's Recommendation</b>	Revision Required

Responsible Editor's comments (19-Feb-24)		Author's response (13-Mar-24)
Name	M Mostafa Zaman	[Please write a response to each point. You must change the manuscript as per your response. Mention line numbers.]
ORCID	0000-0002-1736-1342	
1. The title does not indicate any study type. Therefore, delete the sub-heading.		1. The sub-heading was deleted (Line no. 5-6).
2. Provide email IDs of all authors on the title page.		2. Email IDs of all authors on the title page were given (Line no. 19-25).
3. Abstract: Should be given up to one decimal point.		3. Abstract (result) was given up to one decimal point (Line no. 68-71).
4. Introduction: The objective is missing. It should appear at the end of the manuscript.		4. The objective was given in the end of introduction (Line no. 124-126).
5. Methods: The inclusion criterion (line 127) is not clarified.		5. The inclusion criterion was clarified in Methods (Line no. 143).
6. Statistical analysis: The Table contains a p-value but the Methods do not have any information on this.		6. Information about p-value was included in Statistical analysis (Line no. 189-191).
7. Results up to one decimal point would suffice. What is SEM (line 191)?		7. Results up to one decimal point was done (Line no. 200-208). Scanning electron microscope (Line no.215).
8. Discussion: Start the discussion with the main finding of the study.		8. The discussion was started with the main finding of the study (Line no. 221-229).
9. The whole discussion sounds like a literature review. Kindly revise it with summary findings in favour and against your findings. Do not review the individual studies. Provide practice implications of your findings.		9. Summary findings in favour and against our findings was discussed (Line no. 241-250). Practical implications of our findings were provided. (Line no. 280-283).
10. Provide Memo numbers (and date) for funding and ethical clearance.		10. Memo numbers (and date) for funding and ethical clearance were provided. (Line no. 322-323, 329-333).
11. Figure 1 is redundant. These pH values are available in Table 1 also. Therefore, drop Figure 1.		11. Figure 1 was dropped (Line no. 433-435).
12. Table 1's formatting needs improvement. You have two columns for mean. Why do we need both? Mean should be given up to one decimal point. The meaning of the p-value is not clear. What are the comparison groups here? Which test was used? Please improve this table by adding further data, if available.		12. Table 1's formatting was improved Mean is given up to one decimal point. P-value was clarified. (Line no. 458-461). Comparison groups was clarified in Methods section (Line no. 133-134). Descriptive Statistics (frequency and percentage) and One-sample T Test were described in Statistical analysis section (Line no. 187-189). Available data were added in Table 1 (Line no. 438-439)
<b>Editor's Decision</b>	Major revision	

<b>Final decision of the Executive Editor (13-Mar-24)</b>	<b>ACCEPT</b> We shall edit the manuscript soon.
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