

**Review Form 3**

Journal Name:	<a href="#">Journal of Advances in Medicine and Medical Research</a>
Manuscript Number:	Ms_JAMMR_125078
Title of the Manuscript:	<b>Maternal obesity and periodontitis cause increased gingival epithelium and connective tissue and reduced root resorption and alveolar bone loss in female rat offspring</b>
Type of the Article	<b>Original Research Article</b>

**Review Form 3**

**PART 1: Review Comments**

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p><b>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</b></p>	<p>This manuscript holds importance for the scientific community, <b>BUT</b> I must express dissatisfaction due to the following reasons: (1) There is a clear misalignment between the title, study purpose, statistical analysis, discussion, and conclusion. (2) The statistical analysis is problematic. The data distribution was not addressed (whether it was normal or not), some results appear to be non-significant, and the significance threshold was set at <math>p=0.05</math>, which suggests the findings may lack statistical significance. These issues need to be addressed for the manuscript to be scientifically sound.</p>	
<p><b>Is the title of the article suitable? (If not please suggest an alternative title)</b></p>	<p>No. it needs revision. The purpose of the study was to evaluate associations, yet the title suggests an investigation of influence. Furthermore, while the stated purpose is to assess associations, the statistical analysis employed focuses on differences (ANOVA). The conclusion then reverts to discussing influence. The manuscript is inconsistent, and it is unclear what the author intends to convey. Please clarify the central aim of the study to avoid confusion.</p>	
<p><b>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.</b></p>	<p><b>No, it needs revision. Same as above.</b></p>	
<p><b>Are subsections and structure of the manuscript appropriate?</b></p>	<p><b>Yes</b></p>	
<p><b>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</b></p>	<p>This manuscript may be misleading with errors in title, purpose, statistical analysis, discussion and conclusion.</p> <ol style="list-style-type: none"> <li>1. The author should provide the statistical analysis to the reviewer solely for the purpose of review. Some statistical data presented in the tables lack clarity. For instance, in Table 1, while variables like Body Weight, Retroperitoneal Fat, and Distance CEJ-ABC show clear differences, others such as Nasal-anal Length and the Lee Index require further scrutiny to avoid overinterpretation. Additionally, in Table 2, the author has set the significance level at <math>p=0.05</math>, which suggests that some analyses may not actually be statistically significant.</li> <li>2. The manuscript title suggests that the study investigates the effect of Variable A on Variable B. However, the statistical analyses presented only involve group comparisons, leading to confusion between assessing influence and comparison. This misalignment between the title and the analysis needs to be addressed.</li> <li>3. The conclusion, as well as the discussion, are misleading.</li> <li>4. Must revise. A revision is necessary. The purpose of the study was to evaluate associations, yet the title suggests an investigation of influence. Furthermore, while the stated purpose is to assess associations, the statistical analysis employed focuses on differences (ANOVA). The conclusion then reverts to discussing influence. The manuscript is inconsistent, and it is unclear what the author intends to convey. Please clarify the central aim of the study to avoid confusion.</li> <li>5. Please revise. Please revise them accordingly and include results regarding whether the data follow a normal distribution.</li> <li>6. The author should provide the statistical analysis for review purposes only.</li> <li>7. Please recalculate. Please recalculate the significance levels. If the significance level was set at <math>p=0.05</math>, it indicates that the result may not be statistically significant. The significance threshold should be less than 0.05.</li> <li>8. Same comment as above</li> <li>9. Please revise. Ensure that the appropriate superscripts (a, b, c, d) are used in the tables where needed.</li> <li>10. Same comment as above</li> <li>11. Must revise. All tables and figures must be referenced and discussed within the results and</li> </ol>	

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	discussion sections. 12. Must revise. This study focuses on comparisons, but the conclusion implies an effect of certain factors. To assess the influence, the author should conduct regression analysis.	
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b> -	13. Please revise. Of the 52 references cited, 20 are more than 10 years old. The proportion of outdated references should be reduced to less than 10%.	
<u>Minor</u> REVISION comments		
<b>Is the language/English quality of the article suitable for scholarly communications?</b>	No it needs revision.	
<u>Optional/General</u> comments		

### **PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

### **Reviewer Details:**

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