

**Review Form 3**

Journal Name:	<a href="#">Journal of Advances in Medicine and Medical Research</a>
Manuscript Number:	Ms_JAMMR_124131
Title of the Manuscript:	Effects of ovariectomy on the structure of the periodontium and root resorption during orthodontic tooth movement in rats
Type of the Article	Original Research Article

**Review Form 3**

**PART 1: Review Comments**

<b>Compulsory</b> REVISION comments	<b>Reviewer's comment</b>	<b>Author's Feedback</b> (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<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>The study performed by the authors is praiseworthy. Not many such scientific evidences are published in literature. The orthodontically induced inflammatory root resorption is a situation of great concern not only for the orthodontist but also equally significant to the other disciplines as well, in case the treatment plan is a multidisciplinary approach.</p>	
<p><b>Is the title of the article suitable? (If not please suggest an alternative title)</b></p>	<p><b>yes</b></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>Yes, the abstract is comprehensive</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><b>Minor corrections though, it is suggested to replace LP WITH PL ( PERIODONTAL LIGAMENT).- PAGE 12, PARA 4</b></p> <p><b>THE MANUSCRIPT APPEARS ROBUST AND A STUDY WITH SIMILAR EVALUATION WAS PERFORMED AND PUBLISHED EARLIER, THE SAME IS AS BELOW .</b></p> <p>Seifi M, Ezzati B, Saedi S, Medi H. The effect of Ovariectomy and Orchiectomy on Orthodontic Tooth Movement and Root Resorption in Wistar Rats. Dent Shiraz Univ Med Sci. 2015; 16(4): 302-309.</p> <p><u>ALONGSIDE, THERE HAVE ALSO BEEN CONFLICTING RESULTS ON orthodontically induced inflammatory root resorption RATE UIN CASE OF ESTROGEN DEFICIENCIES( AS BELOW):-</u></p> <ol style="list-style-type: none"> <li>1. Sirisoontorn I, Hotokezaka H, Hashimoto M, Gonzales C, Luppapanornlarp S, Darendeliler MA, et al. Tooth movement and root resorption; the effect of ovariectomy on orthodontic force application in rats. <i>Angle Orthod.</i> 2011; 81: 570–577. [<a href="#">PMC free article</a>] [<a href="#">PubMed</a>] [<a href="#">Google Scholar</a>]</li> <li>2. Verna C, Dalstra M, Melsen B. Bone turnover rate in rats does not influence root resorption induced by orthodontic treatment. <i>Eur J Orthod.</i> 2003; 25: 359–363. [<a href="#">PubMed</a>] [<a href="#">Google Scholar</a>]</li> </ol>	
<p><b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b></p> <p><b>=</b></p>	<p><b>YES</b></p>	

### Review Form 3

Minor REVISION comments <b>Is the language/English quality of the article suitable for scholarly communications?</b>	<b>Minor corrections though, it is suggested to replace LP WITH PL ( PERIODONTAL LIGAMENT).- PAGE 12, PARA 4</b>	
<b>Optional/General</b> comments	nil	

### **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:**

Name:	<b>Sumit Munjal</b>
Department, University & Country	<b>India</b>