



SDI Review Form 1.6

Journal Name:	Journal of Advances in Medicine and Medical Research
Manuscript Number:	Ms_JAMMR_48752
Title of the Manuscript:	AN IN VITRO STUDY TO EVALUATE THE TRANSVERSE STRENGTH OF HEAT CURED PMMA RESIN REINFORCED BY DIFFERENT CONCENTRATIONS OF TWO NANOPARTICLES
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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PART 1: Review Comments

	Reviewer's comment	Author's comment (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)
<u>Compulsory</u> REVISION comments	<p>1. Title: Consider revising the title as</p> <p>“EVALUATION OF THE TRANSVERSE STRENGTH OF HEAT-CURE PMMA RESIN REINFORCED WITH VARIOUS CONCENTRATIONS OF TWO DIFFERENT NANOPARTICLES: AN <i>IN VITRO</i> STUDY”</p> <p>2. Abstract: Please go through the manuscript for the suggestions.</p> <p>3. Introduction:</p> <p>i. Author(s) did not provide proper background to choose the different concentrations of both the nanoparticles. Different concentrations of these nanoparticles have been experimented in the denture base materials.</p> <p>ii. Please go through the manuscript for more suggestions.</p> <p>4. Materials & Methods:</p> <p>i. Methodology should be revised.</p> <p>ii. Numerous sentences are need to be rephrased.</p> <p>iii. Go through the manuscript for suggestions.</p> <p>iv. Describe the type of descriptive statistics used in the study at the end of this section.</p> <p>5. Results:</p> <p>i. This section must be revised.</p> <p>ii. Mention the appropriate table legends which describe the type of statistical analysis done.</p> <p>iii. Table for post-hoc analysis was missing.</p> <p>iv. Discuss about the SEM observations in this section and also use any one magnification of SEM images (with best resolution).</p> <p>v. Use appropriate legends for the SEM images.</p> <p>vi. What are the alphabets indicated with the SEM images.</p> <p>6. Discussion:</p>	



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	<ul style="list-style-type: none"> i. Numerous sentences are need to be rephrased. ii. In line numbers 216 and 217, it was mentioned that the antifungal effect has also been reported. But it was not mentioned with what type of nanoparticles. iii. It was also discussed that titanium dioxide nanoparticles show antimicrobial properties. But, all the forms of these nanoparticles donot exhibit antimicrobial properties. Therefore, be specific what form of titanium dioxide nanoparticles exhibit antimicrobial character and did you use the same form of titania nanoparticles in this study. iv. Author(s) should discuss and compare with the other studies and these will improve the quality of the manuscript. v. Go through the manuscript for more suggestions. <p>7. Conclusion:</p> <ul style="list-style-type: none"> i. Rephrase the last two paragraphs. ii. Go through the manuscript for more suggestions. <p>8. References:</p> <ul style="list-style-type: none"> i. Use the uniform citation pattern in all the references. 	
Minor REVISION comments		
Optional/General comments	<p>Author(s) made good attempt to modify the traverse strength of the heat-cure denture base resin materials. However, the above mentioned revisions should be made to improve the quality of the manuscript.</p>	

PART 2:



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	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

As per the guideline of editorial office we have followed VANCOUVER reference style for our paper.

Kindly see the following link:

<http://sciencedomain.org/archives/20>

Reviewer Details:

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Department, University & Country	<i>Vishnu Dental College, India</i>