

Review Form 1.7

Journal Name:	Asian Journal of Orthopaedic Research
Manuscript Number:	Ms_AJORR_98378
Title of the Manuscript:	Advancements in Engineering for the Treatment of Joint Diseases
Type of the Article	Review 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:

(<https://www.journalajorr.com/index.php/AJORR/editorial-policy>)

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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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for the scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>Yes, Current modalities and innovative approaches are included.</p> <p>Suitable; good.</p> <p>Good. An in-depth view of the article missing Little revision is needed.</p> <p>Need revision in the methodological part.</p> <p>Little revision is needed.</p> <p>1. Introduction – Include the current modalities and the need for newer approaches.</p> <p>2. Organize the content systematically to give a clear view of the article, including limitations and advantages(present with subheading, not with projected questions?)</p> <p>3. Follow author guidelines including the style of reference format.</p> <p>4. Mention the following statements without a clear view to the viewer and mention with only one citation.</p> <p>What are the latest advances in engineering for joint disease treatment?</p> <p>Researchers are also investigating the use of stem cell engineering to treat joint diseases, particularly using mesenchymal stem cells (MSCs) for cartilage repair and regeneration [8]</p> <p>How effective are these new engineering treatments?</p> <p>Several different methods[10]</p> <p>What research is currently being done in this field?</p> <p>Seven human studies have been conducted using culture-expanded, non-genetically modified MSCs for the regeneration of bone defects [16].</p> <p>5. Don't write the two conclusions</p> <p>Advancements in engineering for joint disease treatment</p> <p>In conclusion, numerous new approaches are being investigated to tackle joint disease, including tissue engineering, stem cell therapy, and the use of biomaterials. However, further clinical trials and improved infrastructure are needed to translate in vitro and preclinical data into clinical applications [9].</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Good, Need to synchronize the content if have the same no of citations in a single paragraph.</p>	
<p>Optional/General comments</p>	<p>If pos , include a diagram related to newer approaches.</p>	

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PART 2:

	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>	

Reviewer Details:

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