

Review Form 3

Journal Name:	Journal of Advances in Medicine and Medical Research
Manuscript Number:	Ms_JAMMR_124397
Title of the Manuscript:	Can Biomarkers be Used for Risk Assessment for Osteoarthritis? A Systematic Review
Type of the Article	A Systematic Review

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
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.	The manuscript highlights the current limitations of individual biomarkers, it points to a promising future for integrated models in improving patient outcomes and also focuses on multi-marker models, integrating clinical and demographic data, is especially valuable, as it offers a more comprehensive approach to patient care and personalized treatment strategies.	
Is the title of the article suitable? (If not please suggest an alternative title)	The manuscript discusses not only the risk assessment but also the diagnostic, prognostic, and therapeutic roles of biomarkers, as well as the potential of multi-marker models. So, the suggestion for the alternative title would be- The Role of Biomarkers in Osteoarthritis: A Systematic Review of Diagnostic, Prognostic, and Risk Assessment Potential"	
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.	The abstract is comprehensive but could benefit from a few refinements to improve clarity and ensure all important aspects of the study are covered. Clarification of Study Scope, Study Selection Details and Strengthening the Conclusion might tighten the focus, clarifies the methodology, and strengthens the results and conclusion sections.	
Are subsections and structure of the manuscript appropriate?	The subsections are good and appropriate The Pedro scoring table would be suggested for the better understandings	
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.	This manuscript is scientifically robust and technically sound due to its adherence to established systematic review protocols, such as the PRISMA guidelines, which ensure a transparent and methodical approach to data collection and analysis. The inclusion of multiple electronic databases (PubMed, Web of Science, Cochrane Library, and EMBASE) strengthens the comprehensiveness of the literature search, enhancing the manuscript's credibility. Additionally, the manuscript carefully evaluates the diagnostic accuracy, prognostic value, and therapeutic implications of various biomarkers, demonstrating a balanced and evidence-based approach. The authors' acknowledgment of the current limitations in individual biomarker reliability further reflects their objective analysis and understanding of the field, making this manuscript a valuable contribution to osteoarthritis research	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references are sufficient and recent	
Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	The quality of the English grammar may be improved	
Optional/General comments	Only 8 studies included out of 736, higher number of studies would benefit more for the reader's	

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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>	

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