

Review Form 3

Journal Name:	Asian Journal of Advanced Research and Reports
Manuscript Number:	Ms_AJARR_126408
Title of the Manuscript:	Impact Assessment of Lead and Restraint Stress Exposure on Cardiac Function of Female Wistar Rats
Type of the Article	Original Research Article

Review Form 3

PART 1: Review Comments

<u>Compulsory</u> 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>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.</p>	<p>This manuscript offers important information on the interaction between lead toxicity and chronic stress on the heart focusing on myocardial damage. The knowledge given by this study will be important for furthering the understanding of environmental and psychological stress on the cardiovascular system and the possibilities of prevention and therapy. The conclusions supplement the current knowledge on cardiotoxicity and provide new knowledge that would help to explain the impact of simultaneous toxic influences on the human heart. Such studies are important to public health and occupational well-being of workers especially those in hazardous working conditions.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>The title generally reflects the manuscript's content, but it could be refined for clarity. Consider revising to: "Cardiac Effects of Combined Lead Exposure and Chronic Restraint Stress: Alterations in Biomarkers and Myocardial Health"</p>	
<p>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.</p>	<p>The abstract is well-structured but could benefit from a clearer summary of the specific biomarkers studied and their implications. Adding 1–2 sentences to clarify the clinical or physiological significance of biomarkers such as CK, LDH, and cTnI would enhance clarity.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Yes</p>	
<p>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.</p>	<p>The manuscript looks scientifically sound and comprehensive analysis of the biomarkers including CK, LDH and cTnI is done in the manuscript and all these are well established biomarkers of cardiac function. The methodological approach is appropriate and the study supplies valuable information on the interaction between lead exposure and stress on myocardial damage. The results obtained with biochemical and physiological parameters complement each other and provide solid evidence for the conclusions made in the study.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>Yes</p>	
<p><u>Minor</u> REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>The language is generally suitable for scholarly communication. However, minor edits for grammar and clarity in sentence structure are recommended throughout the manuscript to enhance readability</p>	
<p><u>Optional/General</u> comments</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>	

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