

Review Form 1.7

Journal Name:	Journal of Advances in Medicine and Medical Research
Manuscript Number:	Ms_JAMMR_117201
Title of the Manuscript:	Assessment of blood ferritin and vitamin D levels in patients suffering from myocardial infarction to determine their clinical significance and utility of various haematological markers in predicting mortality in cases of acute myocardial infarction
Type of the Article	Minireview 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:

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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 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>1. Yes The study provides comprehensive insights into their prognostic value in acute myocardial infarction (AMI); Understanding these correlations can aid in better risk stratification, early intervention, and improved management strategies for patients suffering from AMI</p> <p>2. Yes However, if a more concise and impactful title is desired, an alternative could be: "Prognostic Value of Hematological Markers in Acute Myocardial Infarction: A Meta-Analysis"</p> <p>3. Yes</p> <p>4. Yes</p> <p>5. Yes, but there are a few aspects that might require correction or clarification Vitamin D and Myocardial Infarction: While there is evidence suggesting a correlation between low vitamin D levels and increased risk of cardiovascular diseases, including myocardial infarction, the draft implies a direct causal relationship. It's important to clarify that while low vitamin D levels may be associated with higher risk, it's not necessarily a direct cause of myocardial infarction.</p> <p>Hematological Markers: The draft mentions several hematological markers such as neutrophil to lymphocyte ratio (NLR), eosinophil to leukocyte ratio (ELR), platelet count, mean platelet volume (MPV), and red cell distribution width (RDW) in relation to myocardial infarction. While these markers may indeed have prognostic value, the draft should specify their precise diagnostic and prognostic significance and how they relate to the pathophysiology of myocardial infarction.</p> <p>Ferritin Levels: Elevated ferritin levels are associated with conditions such as inflammation and iron overload, but the draft suggests a direct link between ferritin levels and myocardial infarction risk without providing sufficient context. It's important to clarify the role of ferritin in the context of myocardial infarction and its significance as a biomarker.</p> <p>6. Yes</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>There are Grammar mistakes need to be taken care of; For instances,</p> <p>In the first paragraph of the "Review of Literature" section, "infraction" should be "infarction."</p> <p>In the sentence "Low vitamin D levels, known as vitamin D deficiency, can lead to various health issues," there should be a comma after "levels" to separate the clauses properly: "Low vitamin D levels, known as vitamin D deficiency, can lead to various health issues."</p> <p>In the sentence "A higher value of RDW, which is computed as a coefficient of variation of the mean corpuscular volume, denotes a larger degree of size dispersion in red blood cells," the word "denotes" should be replaced with "indicates" for clearer expression: "A higher value of RDW, which is computed as a coefficient of variation of the mean corpuscular volume, indicates a larger degree of size dispersion in red blood cells."</p>	
<p>Optional/General comments</p>	<p>no</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:

Name:	S.G.Antony Godson
Department, University & Country	Hindusthan College of Arts & Science, India