

### Review Form 3

Journal Name:	<b>Journal of Pharmaceutical Research International</b>
Manuscript Number:	<b>Ms_JPRI_121272</b>
Title of the Manuscript:	<b>Prevalence and Factors Associated with Non-adherence to Iron and Folic Acid Supplementation among Women for Antenatal Care at Mwembeladu Hospital, Zanzibar</b>
Type of the Article	<b>Original Article</b>

#### **General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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**PART 1: Review Comments**

<b>Compulsory</b> 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><b>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.</b></p>	<p>The manuscript addresses an important public health issue regarding the adherence to iron and folic acid supplementation (IFAS) among pregnant women. The study is well-structured, with a clear objective and methodology but the results part is somewhere compromised in clearly reporting the evidence. However, there are areas that need further clarification and improvement to enhance the clarity and impact of the findings before acceptance.</p>	
<p><b>Is the title of the article suitable? (If not please suggest an alternative title)</b></p>	<p><b>Yes</b></p>	
<p><b>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.</b></p>	<p>Specific Comments and Suggestions:</p> <p><b>Abstract:</b>  <b>Background:</b> Clarify the statistical figures for better readability. Consider rephrasing to: "Daily iron and folic acid supplementation (IFAS) during pregnancy can reduce the risk of maternal anaemia by 70% and iron deficiency anaemia by 57% at term. Despite WHO recommendations, the adherence to IFAS remains low in many countries, including Tanzania."  <b>Results:</b> The percentages of adherence and non-adherence should be more clearly presented, possibly in a tabular format for quick reference.  <b>Conclusion:</b> Clearly state the implications of the findings and suggest actionable recommendations.</p>	
<p><b>Are subsections and structure of the manuscript appropriate?</b></p>	<p><b>Yes</b></p>	
<p><b>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.</b></p>	<p>The manuscript provides valuable insights into the prevalence and factors associated with non-adherence to IFAS among pregnant women in Zanzibar. With the suggested improvements and clarifications, the study can make a significant contribution to public health efforts aimed at reducing anaemia and improving maternal and neonatal health outcomes.</p>	
<p><b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b> =</p>	<p><b>References:</b></p> <ul style="list-style-type: none"> <li>- Ensure all references are up-to-date and relevant. Some references seem outdated or less relevant to the current study context.</li> <li>- Use a consistent referencing style throughout the manuscript.</li> </ul>	

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<p>Minor REVISION comments</p> <p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>	<p>English and Grammer should be Improvised</p>	
<p><b>Optional/General</b> comments</p>	<p>Specific Comments and Suggestions:</p> <p><b>Methodology:</b>  <b>Study Design:</b> Provide more details on how the questionnaire was validated and any measures taken to ensure reliability.  <b>Sample Size Determination:</b> In sample size computation part clearly mention 20.3% is what? Be very specific with input parameters and their right explanation in to formula.  <b>Inclusion/Exclusion Criteria:</b>Justify the exclusion criteria, particularly for pregnant women with mental illness or severe illness.  <b>Data Collection:</b> Describe the training provided to data collectors and any steps taken to minimize bias.</p> <p><b>Results:</b>  <b>Socio-demographic Characteristics:</b> Include a comparison of socio-demographic characteristics between adherent and non-adherent groups to highlight any significant differences.  <b>Adherence to IFAS:</b> Provide a clearer breakdown of adherence rates and the specific reasons for non-adherence. Consider using graphs or charts for better visualization.  <b>Inappropriate Heading:</b> Table 4 Title is not up to the mark  <b>Inappropriate Reporting and calculation:</b> Table 5 reporting is not correct specifically the odds ratio calculation, their confidence interval and their right interpretation in the manuscript. Please revise the table again.</p> <p><b>Discussion:</b></p> <ul style="list-style-type: none"> <li>- Discuss the implications of the high non-adherence rate and how it could affect maternal and child health outcomes in Zanzibar.</li> <li>- Address any limitations in the study design, such as potential recall bias due to self-reported data.</li> </ul> <p><b>Conclusion:</b></p> <ul style="list-style-type: none"> <li>- Summarize the main findings more succinctly and emphasize their significance.</li> <li>- Provide concrete recommendations for healthcare providers and policymakers. For example, specific strategies to improve IFAS adherence, such as community education programs or improving access to supplements.</li> </ul>	

**PART 2:**

	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><b>Are there ethical issues in this manuscript?</b></p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

**Reviewer Details:**

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