

Review Form 3

Journal Name:	Advances in Research
Manuscript Number:	Ms_AIR_121968
Title of the Manuscript:	Evaluating the Influence of Comorbidities on Drug-Resistant TB Treatment Efficacy in Liwa Hospital
Type of the Article	

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PART 1: Review Comments

Compulsory 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>
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.		
Is the title of the article suitable? (If not please suggest an alternative title)		
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.		
Are subsections and structure of the manuscript appropriate?		
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.		
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.		

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<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>		
<p>Optional/General comments</p>	<p>Article Review/Evaluation Report General Information</p> <ul style="list-style-type: none"><input type="checkbox"/> Title of Article: Evaluating the Influence of Comorbidities on Drug-Resistant TB Treatment Efficacy in Liwa Hospital<input type="checkbox"/> Reviewer Name: Dr. Lawrence Sao Babawo<input type="checkbox"/> Review Date: 9th August, 2024 <p>Strengths:</p> <ul style="list-style-type: none"><input type="checkbox"/> The article addresses a significant public health challenge focusing on drug-resistant TB, in the context of Liwa Hospital. This is a very important area of research given the increasing prevalence of drug-resistant strains and the need for effective treatment strategies.<input type="checkbox"/> The study's objectives are well-aligned with its aim, covering a broad range of epidemiological, clinical, radiological, and laboratory characteristics. This comprehensive approach enables a thorough analysis of the factors influencing treatment outcomes.<input type="checkbox"/> The study employs a detailed data collection method, utilizing the Salamtak databases to gather a wide range of patient information which enhances the study's ability to identify and analyze relevant factors associated with drug-resistant TB.<input type="checkbox"/> The findings have practical implications for improving treatment strategies and patient management, particularly in understanding the influence of comorbidities such as diabetes on treatment outcomes. <p>Areas for Improvement:</p> <ul style="list-style-type: none"><input type="checkbox"/> The introduction could benefit from more detailed regional or hospital-specific data on TB prevalence, strengthening the relevance and context of the study.<input type="checkbox"/> An in-depth explanation of further detail on handling missing data, assessing data reliability, and addressing potential confounding factors would improve the methodology section. This may include providing information on data completeness and how potential biases were managed.<input type="checkbox"/> The study's small sample size of drug-resistant TB patients (28 out of 408) limits its statistical power and generalizability. A larger sample or multicenter approach could enhance the robustness of the findings. This therefore questions the validity and reliability of the study.<input type="checkbox"/> The results are clearly presented, a deeper analysis of how clinical, radiological, and laboratory findings correlate with treatment success or failure would enhance the depth of the discussion.<input type="checkbox"/> The conclusion could be strengthened by clearly stated recommendations for clinical practice and future research. Additionally, discussing the study's limitations and potential strategies to address them would enhance the impact of the conclusions.<input type="checkbox"/> Ensure consistent citation formatting throughout the article and provide complete details for each reference to enhance clarity and professionalism. <p>Relevance:</p> <p>The article is highly relevant to the field of Public Health and Clinical research, particularly in the context of drug resistance. The study contributes useful thoughts about the factors affecting TB treatment efficacy, which are relevant for developing effective interventions and improving patient outcomes.</p> <p>Originality:</p>	

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	<p>The research is original in the sense that it focuses on the influence of comorbidities and other factors on drug-resistant TB treatment outcomes at Liwa Hospital. Although similar studies do exist, the specific context and comprehensive approach add novelty to the research.</p> <p>Final Recommendation:</p> <p>Recommendation: Accept with major revisions.</p> <p>The article has significant potential but requires substantial improvements in its methodology, contextualization, and interpretation of results. Addressing these areas will enhance the study's impact and contribution to the field.</p> <p>Additional Comments:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Consider expanding the discussion of regional TB trends and the specific challenges faced by Liwa Hospital. <input type="checkbox"/> Find out potential strategies to reduce the high loss-to-follow-up rate and improve patient retention in treatment programs. <input type="checkbox"/> Include a section discussing the implications of the findings for public health policy and practice <input type="checkbox"/> Please refer to the original text for specific comment on specific areas. 	
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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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