

Review Form 3

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| Journal Name: | Journal of Pharmaceutical Research International |
| Manuscript Number: | Ms_JPRI_125212 |
| Title of the Manuscript: | A STUDY ON THERAPEUTIC EVALUATION OF VARIOUS ANTIBIOTICS USAGE FOR PAEDIATRIC INPATIENTS IN A TERTIARY CARE TEACHING HOSPITAL |
| Type of the Article | Original Research 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> |
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| <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>The manuscript titled "A Study on Therapeutic Evaluation of Various Antibiotics Usage for Paediatric Inpatients in a Tertiary Care Teaching Hospital" is crucial for the scientific community as it addresses the pressing issue of antibiotic misuse and its implications for antimicrobial resistance, particularly in pediatric populations. The study's systematic approach to evaluating antibiotic prescriptions provides valuable insights that can inform clinical practices and guidelines. I appreciate the thorough methodology and the relevance of the findings, although slight modifications are needed to enhance clarity and depth in certain sections, particularly in discussing the implications of results and recommendations for future practice. Overall, this manuscript contributes significantly to the ongoing discourse on responsible antibiotic use in healthcare settings.</p> | |
| <p>Is the title of the article suitable? (If not please suggest an alternative title)</p> | <p>The title of the article, "A Study on Therapeutic Evaluation of Various Antibiotics Usage for Paediatric Inpatients in a Tertiary Care Teaching Hospital," is somewhat lengthy and could be more concise while still conveying the essential focus of the research. A more suitable title could be "Therapeutic Evaluation of Antibiotic Use in Pediatric Inpatients: Insights from a Tertiary Care Teaching Hospital." This alternative maintains the core subject matter while enhancing clarity and readability.</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 of the article provides a foundational overview of the study, but it could be enhanced for comprehensiveness. Here are some suggestions for improvement: Background Context: The background could include more specific statistics or references to the prevalence of antibiotic misuse in pediatric populations to emphasize the significance of the study. Objective Clarity: While the objective is stated, it could be more explicitly linked to the broader implications for reducing antimicrobial resistance, thus highlighting its importance. Results Detail: The results section could benefit from more quantitative data, such as specific percentages or comparisons that illustrate the impact of findings on antibiotic prescribing practices. Conclusion Expansion: The conclusion should briefly mention potential recommendations for clinical practice or future research directions based on the findings, providing a clearer takeaway for readers.</p> | |
| <p>Are subsections and structure of the manuscript appropriate?</p> | <p>The structure of the manuscript is generally appropriate, but there are areas where it could be improved for better clarity and organization. Here are some observations: Subsections: The manuscript includes clear sections such as Abstract, Introduction, Materials and Methods, Results, and Discussion. This structure is effective for guiding the reader through the research process. Headings: While the main sections are well-defined, additional subheadings within the Results section could enhance readability. For example, breaking down results into subsections like "Demographics," "Infection Types," and "Antibiotic Usage" would help readers quickly locate specific information. Consistency in Formatting: The manuscript should maintain consistent formatting for headings and subheadings throughout. For instance, using uniform font sizes or styles can improve visual coherence. Figures and Tables: The inclusion of figures and tables is beneficial for presenting data clearly. However, each should have a brief caption explaining its relevance to the text to ensure that readers understand their context without needing to refer back to the main text. Conclusion Section: A distinct conclusion section summarizing key findings and implications could enhance the overall structure. This would provide a clear takeaway for readers regarding the significance of the study's findings.</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 demonstrates scientific robustness and technical soundness through its well-defined methodology and comprehensive data analysis. The use of a prospective observational study design allows for the collection of real-time data, which enhances the reliability of the findings. The sample size of 160 patients is adequate for drawing meaningful conclusions about antibiotic usage patterns in pediatric inpatients, and the inclusion of various demographic and clinical factors strengthens the analysis.</p> | |

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| <p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p> <p>-</p> | <p>The references in the manuscript appear to be somewhat limited and could benefit from being more recent and comprehensive. While the inclusion of foundational studies is important, the manuscript would be strengthened by incorporating additional references from the last five years that address current trends in antibiotic usage, resistance patterns, and guidelines for pediatric care. Suggestions for Additional References:</p> <p>Recent Guidelines on Antibiotic Use: Including references to updated clinical guidelines from organizations such as the American Academy of Pediatrics or the World Health Organization would provide a contemporary framework for the study's findings.</p> <p>Current Studies on Antimicrobial Resistance: Citing recent research articles that explore the prevalence of antimicrobial resistance in pediatric populations would enhance the context and relevance of the study.</p> <p>Meta-Analyses or Systematic Reviews: Adding references to meta-analyses or systematic reviews published in reputable journals could provide a broader perspective on antibiotic prescribing practices and their implications for pediatric patients</p> | |
| <p><u>Minor REVISION</u> comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p> | <p>The language and English quality of the manuscript require minor revisions to enhance clarity and ensure suitability for scholarly communication. While the overall content is informative, several areas exhibit grammatical errors and awkward phrasing that may impede comprehension.</p> <p>Grammar and Syntax: There are instances of incorrect verb forms and sentence structures, such as "Paediatric population are very much prone" which should be "The pediatric population is very prone." Such errors can distract readers from the research findings.</p> <p>Consistency in Terminology: The manuscript alternates between British and American English (e.g., "paediatrics" vs. "pediatrics"). Consistency in language usage throughout the manuscript is essential for professionalism.</p> <p>Clarity and Conciseness: Some sentences are overly complex or lengthy. For example, the sentence about antibiotic mechanisms could be simplified for better readability. Shortening sentences and using straightforward language will enhance understanding.</p> <p>Technical Terms: While technical terms are necessary, ensuring that they are defined clearly when first introduced would aid readers unfamiliar with the subject matter.</p> | |
| <p><u>Optional/General</u> comments</p> | | |

PART 2:

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

Reviewer Details:

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| <p>Name:</p> | <p>Mekuriaw Dereje Tekele</p> |
| <p>Department, University & Country</p> | <p>Mizan Tepi University, Ethiopia</p> |