

Review of: "An Analysis of Pharmaceutical Inventory Management at a Leading Teaching and Referral Hospital in Kenya"

S. El.

Potential competing interests: No potential competing interests to declare.

1. The article is valuable for the scientific community due to its focus on pharmaceutical expenditure and consumption patterns at a specific hospital over three years. It employs various analytical techniques, such as ABC-VEN matrix and VEN classification, providing insights into drug utilization patterns and cost-effectiveness. The findings can aid policymakers, hospital administrators, and researchers in optimizing resource allocation and drug inventory management. However, its limited scope warrants further research to gain a broader understanding of pharmaceutical expenditure patterns.
2. The title is appropriate for the article. It accurately reflects the main focus of the study, which is to analyze the management of pharmaceutical inventory at a specific hospital in Kenya. The title conveys the research topic and setting, and it provides readers with a clear idea of the study's scope and purpose. Overall, the title appears suitable for the content of the article.
3. The abstract is comprehensive, offering a clear overview of the study's objectives to assess drug consumption and expenditure patterns at a leading Kenyan referral hospital, JOOTRH. It includes key results on total pharmaceutical expenditure (TPE) and annual expenditure (APE) over the three-year period. The abstract highlights findings from ABC, VEN, and Therapeutic Class analyses, emphasizing the significance of Category I pharmaceuticals, which dominate hospital expenditure. Overall, the abstract is informative and valuable to readers.
4. The subsections and structure of the article are appropriate and well-organized. They provide a clear flow of information, starting with the introduction and background, followed by the methodology, results, discussion, and conclusion sections.
5. The references provided are diverse and include reputable sources like academic journals and reports from the World Health Organization. Most of the references are recent, which adds to the credibility of the article. Overall, they seem appropriate and relevant for supporting the study's content.
6. By incorporating the following suggestions, the article can be further enhanced in terms of clarity, validity, and practical relevance:
 - **Limit the scope:** The article could benefit from clearly defining the scope of the study, focusing on specific aspects of pharmaceutical inventory management. This will make the research more manageable and enable deeper analysis.
 - **Statistical Analysis:** If applicable, consider including more in-depth statistical analysis to strengthen the study's

findings and enhance its scientific rigor.

- **Comparison and Context:** If possible, compare the findings with similar studies from different regions or healthcare settings to provide a broader context and validate the results.
- **Practical Implications:** Discuss the practical implications of the study's findings and how they can be applied to improve pharmaceutical inventory management practices in other healthcare facilities.
- **Future Research:** Suggest areas for future research based on the study's results and limitations. This can guide other researchers and policymakers in identifying new avenues for investigation.