

Review of: "Prevalence of Buruli Ulcer Among Residents in Jasikan Municipality: A Cross-Sectional Study"

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Potential competing interests: No potential competing interests to declare.

- The introductory section provides historical and regional background information, which leads to a logical progression of cases over the years. This effectively establishes the context of Buruli ulcer in Ghana, leading to the need for the current study.
- The description of the study site, Jasikan Municipality, provides a comprehensive understanding of the setting. It covers demographic, climatic, and economic aspects, which help readers contextualize the study.
- The methods section is well-organized and clear. It explicitly states the study design, population, sample size determination, and data collection procedures. The use of a census approach is also justified given the context.
- Ethical considerations are appropriately addressed in the study. Written approvals, consent, and permissions from relevant authorities are highlighted, demonstrating the study's commitment to ethical standards.
- The presentation of results is detailed, with tables providing a clear overview of demographic characteristics, prevalence, and clinical aspects. The prevalence calculation is appropriately explained, making it easier for readers to understand.
- It seems that some areas in the manuscript could be improved to enhance its coherence, rigor, and impact. Firstly, a more comprehensive literature review could be included to strengthen the justification for the study. Additionally, a detailed explanation for the chosen sample size of 56 would add to the methodological robustness of the study. The statistical analysis section could also benefit from elaborating on the specific statistical tests used and the rationale behind them. In the discussion section, exploring potential reasons for the higher prevalence found in the study compared to Health Directorate data would add depth to the implications of the findings. Finally, the conclusion could be strengthened by summarizing key findings and their implications, as well as providing suggestions for future research or public health interventions. It's also worth noting that some sentences could be simplified for clarity, and there are a few instances where sentence structure and grammar could be improved for smoother readability. Addressing these points would contribute to the overall quality of the manuscript.