

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.

I have had the opportunity to review your article, and I would like to commend you on its overall quality and relevance. The formulation and presentation are commendable, making it an interesting and pertinent contribution to the field.

However, I would like to highlight a few points for your consideration to enhance the scientific rigor and applicability of your work:

Importance of Desegregating Data by Gender:

It is imperative to recognize that the variable of gender is not merely one among many. To ensure a comprehensive epidemiological description conducive to potential public health interventions, it is essential to disaggregate all presented variables by sex.

Utilization of WHO Classification for BU Ulcers:

In the description of ulcers, I recommend using the World Health Organization (WHO) classification for a more standardized approach. This includes Category I (single small lesion less than 5 cm in diameter), Category II (non-ulcerative and ulcerative plaque, and oedematous forms between 5-15 cm), and Category III lesions (more than 15 cm in diameter, including disseminated and mixed forms such as osteomyelitis and joint involvement).

Clarification on Data Collection Procedure:

The section on Data Collection Procedure (Page 5) mentions matching cases with controls in the same community. It would be beneficial to elaborate on this point within the framework of a cross-sectional descriptive study for better clarity.

Integration of Health Promotion and Prevention Strategies:

While the conclusions drawn are intriguing, there is a notable absence of reference to the ongoing health promotion and prevention strategies related to neglected tropical diseases in the country. Explicitly mentioning these strategies would contextualize the conclusions within the broader public health landscape.

In conclusion, I believe that addressing these points will enrich the publication and contribute to its overall scientific merit. Congratulations to the research team for their commendable efforts in producing this valuable work. I look forward to seeing the enhanced version of your article.