

# Review of: "The Imperative of a Comprehensive One Health Approach for Mosquito-Borne Disease Control in Indonesia"

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Potential competing interests: No potential competing interests to declare.

## COMMENTS:

It is an interesting manuscript about the comprehensive One Health approach for mosquito-borne disease control in Indonesia. The manuscript provides information on the importance of a comprehensive One Health approach for controlling or eradicating mosquito-borne diseases in Indonesia.

The author has adeptly outlined the importance of the integration of human, animal, and environmental health to address complex health problems collaboratively. In my opinion, this paper is deserving of publication. However, there are areas where the author could enhance certain aspects.

I have provided comments and suggestions below:

1. Describe what is common among the mosquito-borne diseases in Indonesia.
2. You cited the implementation in Indonesia of various control methods, such as the Mosquito Nest Eradication Program (PSN), 4 M-Plus, and the one-house *Jumantik*; however, you do not describe these methods and do not cite the references for these methods.
3. The One Health concept seeks to integrate human, animal, and environmental health to address complex health problems collaboratively (Adnyana, Utomo, et al., 2023). I suggest you use some references from the CDC and the World Health Organization to explain the concept of One Health.
4. However, until now, a single health approach has not yet been realized by the community. Therefore, it is important to explore the factors that need to be considered when developing a single health concept for mosquito-borne disease control, especially in Indonesia. What is special to Indonesia?
5. In addition, low human immunity or other disorders contribute to the easy introduction of **viruses** into the human body, which can cause disease. It is not only the case for viruses, but this also occurs with other parasites.
6. The reference Negara et al. 2002 does not describe the integration of surveillance and **vaccination programs**. Could you check this reference?
7. Successful implementation of the One Health approach requires interdisciplinary collaboration and a cohesive policy

framework, which emphasizes interdisciplinary collaboration between various sectors, such as human health, animal health, environmental science, and policy making (Kemenkes ~~RI~~, 2019).

8. Review the citation for “Adnyana, 2023b”. The reference identified as “b” is being cited before the reference identified as “a”.

9. In addition, the One Health concept emphasizes interdisciplinary collaboration between various sectors, such as human ~~health and~~, animal health, environmental science, and policymaking.