

# Review of: "Prevalence and Associated Factors of Hemorrhoids and Other Perianal Complications During the Puerperium Among Mothers Who Gave Birth at Debre Tabor Referral Hospital, Debre Tabor, Ethiopia, 2022"

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Potential competing interests: No potential competing interests to declare.

Dear author, the title "[Prevalence and Associated Factors of Hemorrhoids and Other Perianal Complications During the Puerperium Among Mothers Who Gave Birth at Debre Tabor Referral Hospital, Debre Tabor, Ethiopia, 2022](#)" is interesting

Here are some of my comments

## Abstract

1. Please include the subheading "Introduction" in the abstract section.
2. Again, please provide evidence of a strong research gap in the study area in the introduction in the abstract section.
3. It is better to mention what type of tool you used to collect your data in the abstract under the Method subheading section.
4. Please rewrite the result section; if possible, incorporate confidence intervals for your prevalence and OR for your factors.
5. Please incorporate recommendations in your conclusion.

## Introduction

1. Please show the burden/severity/magnitude of your problem; it is too shallow.
2. Dear author, please show in the introduction section whether any strategy or intervention was implemented or tried to solve this problem, and make your research gap strong.
3. Please incorporate some of the significance of this study abroad as well as in the study area.

## Methods

1. Dear, your sampling unit is not clear. Where did you get mothers? PNC unit? Delivery unit? EPI unit? I think it is the PNC unit, but it is not appropriate.....EPI unit is appropriate because some of the perineal problems appear lately, not early, for example, hemorrhoids.
2. Why did you take a 50% proportion to calculate your sample size determination? No study previously?
3. Why did you use non-probability sampling? So is it representative?

4. Please incorporate operational definitions. When you say "presence of hemorrhoids" or other perineal problems, who diagnoses?
5. How did you assure your data quality? Please incorporate data quality assurance.
6. "Variables having p-value < 0.025 from the bivariable analysis" - please reconsider it.
7. What type of test did you use to test your model fitness?

## Results

1. How many samples were included in your analysis? Response rate?
2. Better to show the mean age of participants.
3. Your regression analysis is not correct; serious problem. Show both binary and multiple regression, and since it is logistic regression, please show it as a cross-tabulation.

## Discussion

1. Too shallow discussion
2. Please incorporate limitations of your study at the end of your discussion.

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## Reviewer(s) details

Decision: Major revision



## Supplementary data