

Review of: "Risk Factors and Predictors of Severe Acute Malnutrition Among 6-59 Months Children in Lumbini Province, Nepal: A Facility-Based Cross-Sectional Study"

Genanew Kassie Getahun

Potential competing interests: No potential competing interests to declare.

Title: Risk Factors and Predictors of Severe Acute Malnutrition Among 6-59 Months Children in Lumbini Province, Nepal: A Facility-Based Cross-Sectional Study

First and foremost, I appreciate the attempt to address an essential issue (SAM), and the synthesis is actually interesting. Besides, I do have many concerns

Abstract

- My first comment starts from the topic...risk factors and predictors of SAM...this research question can't be addressed using cross-sectional study design and you have provided the prevalence of SAM as a conclusion. Therefore your title deserves revision.
- In the abstract section... Adversity over malnutrition results in the most extreme and visible form of under nutrition...it's hard to understand.
- In the methodology section it says facility-based descriptive cross-sectional study design was adopted but the title is about predictors and risk factors of SAM, I think it contradicts?
- I didn't found the importance of reporting so many descriptive findings and the factors associated during binary regression analysis (COR) findings in the abstract section
- The conclusion section better to be accompanied with any recommendations based on the pertinent findings obtained

• Introduction

- Well done

• Methods

- You should provide any eligibility criteria
- In the sample size determination sub-section single proportional formula isn't clear; it needs a clear description with its specific assumptions.
- It lacks operational definitions of important variables like child factor, food security, wealth index,...
- Your analysis model is confusing, its not clear whether you applied a regression analysis or not? I can't understand what you mean bivariate chi-square test???on the other way you mentioned multivariable logistic regression model I think you have to differentiate when you have to use logistic regression analysis and chi-square test.

• Results and discussions

- The result section doesn't mention the response rate of this study and most of the statements are mentioned in passive voice which makes difficult to clearly understand
- Its not clear why the authors provided a p-value for each variables in the descriptive analysis
- The provided tables are too large and isn't catchy for readers, please use standard tables