

Review of: "Analysis of Vaginal Candidiasis Prevalence Among Bangladeshi Women in Relation to Menstrual Hygiene and Other Risk Factors: A Cross-Sectional Study"

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Potential competing interests: No potential competing interests to declare.

I do not consider this manuscript fit for publication unless the following changes are made:

1 There are too many irrelevant contents in Parts "Introduction," "About the Disease," and "Literature Review," which need to be rewritten in a focused and organized way after being concise according to the main purpose of this manuscript.

2 There are very serious errors in the statistical method of the article. For risk factor analysis, it should be a questionnaire survey for all patients (including Candida-negative patients) to calculate the incidence of patients with or without relevant factors, rather than the proportion of different risk factors in positive patients. For example, to compare whether marriage is related to the incidence of Candida vaginitis, the number of married patients in all 244 patients should be counted as a, among whom Candida-positive patients are b, and the positive rate is b/a ; the number of unmarried patients in all 244 patients should be counted as c, among whom Candida-positive patients are d, and the positive rate is d/c , and then compare whether there is a statistical difference between b/a and d/c .

3 Odds ratio (OR) and Hazard ratio (HR) are commonly used as effect indicators in risk factor analysis. In addition, a forest plot is also a common form of presentation for risk factor analysis, and the tables in this paper can be properly modified and integrated by the authors.

4 Authors define RVVC as an infection with 4 or more relapses per year. Is there any reference(s) that demonstrates its incidence in any region or worldwide? If so, please include both incidence and reference. (Sexually Transmitted Infections Treatment Guidelines, 2021, define RVVC as three or more episodes of symptomatic VVC per year.)