1. Basic Reporting

The grammar and clarity of the entire manuscript should be revised and presented in a manner that makes it appealing to readers.

Abstract section:

The Results section of the abstract should be written clearly and concisely to engage readers (line numbers 35 to 56). For example, it is better to state: 'A total of 92,332 participants were included in the study, with diagnoses as follows: gestational diabetes mellitus (GDM) in 17,814 participants (19.29%), gestational hypertension (GH) in 3,860 participants (4.18%), preeclampsia (PE) in 3,101 participants (3.36%), and hypothyroidism in 17,418 participants (18.86%).

Introduction section:

The third paragraph (lines 102 to 106) does not include any references to the literature. Please provide the appropriate citations.

Result section:

The entire narration of result interpretation includes the odds ratio and confidence interval for each significant variable. Once you present the measure of association, such as the adjusted odds ratio (AOR) and confidence intervals for the variables in the tables, it is advisable to avoid repeating this information during the interpretation. Therefore, simply providing a narrative description of the direction of association is sufficient in the results interpretation.

You repeatedly used the phrase 'were associated with increased risks of...', which may come across as monotonous for readers. To enhance engagement, please consider using synonyms such as 'more likely', 'the odds of', or 'the likelihood of' instead.

Discussion section:

You should explain the possible reasons for any discrepancies or inconsistencies with previous studies (line number 439).

2. Experimental design

Materials & Methods section:

Total sample size has been mentioned, but you did not show how you determine it. Thus, please explain how you determine it. In addition, reference of diagnosis criteria for pregnancy complications is not cited (line no 154 to 160). So, please cite the source.

Ethical consideration related question:

•You did not explain how you obtain ethical consent from participants and medical centers. Please include details on how to secure oral or written ethical consent, as well as the measures you take to maintain the confidentiality of participants' information.

3. Validity of the findings

In the conclusion section, you recommended that targeted protective measures should be implemented to reduce the risk of pregnancy complications. However, it is unclear who is responsible for carrying out these measures. Please clarify who holds this responsibility.

3. **General comments**

Overall, I found the manuscript to be very good, with only a few minor comments that need to be addressed.

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1. **Ethical consideration related question:**

•You did not explain how you obtain ethical consent from participants and medical centers. Please include details on how to secure oral or written ethical consent, as well as the measures you take to maintain the confidentiality of participants' information.

2. **Sample size related question:**

•You mentioned the sample size, but didn't explain how you calculate it. Could you please explain the method you used to determine the sample size?

3. **Additional comments:**

Acknowledgment related issue:

In addition to thanking the data collectors, it is important to express gratitude to the medical center or organization that granted you permission to collect the data.

Best regards

Getaneh Awoke Yismaw