

Dear Reviewers and Editors,

We would like to express our sincere gratitude for your meticulous review of our research, the recognition and corrections you have provided, and the valuable comments that have prompted further reflection and substantiation on our part. Here, we respond to each comment made by the reviewers:

****Reviewer #2:****

1) ****Comment:**** On page 5, it is stated, "Patients from the Maternal Cardiology Consultation Center of XXX were chosen for this cross-sectional retrospective study." Could you clarify what XXX refers to?

****Response:**** Thank you for highlighting this point. The name of the research center was initially omitted due to the principles of blinded submission. In our revised manuscript, we have included this detail. The term "XXX" has been replaced with "The General Hospital of Northern Theater". Therefore, the sentence now reads: "Patients from the Maternal Cardiology Consultation Center of The General Hospital of Northern Theater were chosen for this cross-sectional retrospective study."

2) ****Comment:**** Why were women with multiple pregnancies excluded from the study?

****Response:**** We appreciate your inquiry into this aspect of our study design. Firstly, twin pregnancies are considered high-risk due to the significant hemodynamic changes and increased cardiac burden they pose compared to singleton pregnancies. This difference could confound the assessment of cardiac risk in pregnant women with heart disease. Secondly, in our study focusing on "Pregnancy Characteristics" variables, variables like "Neonatal gender" and "Neonatal weight" in twin pregnancies cannot be comparably discussed with singleton pregnancies. For instance, if the twins are of different genders or there is a significant difference in birth weight compared to singletons, this necessitates a more detailed and separate analysis. To avoid these confounding factors from influencing our results, we excluded mothers with multiple pregnancies from our study.

Thank you once again for your insightful comments and guidance.

Sincerely,

[Jia-Lin Liu/Research Team]