

### **Reviewer 1**

**This study is very interesting. Sepsis can be caused by a variety of pathogenic bacteria and can cause severe complications such as shock and multiple organ dysfunction syndrome, resulting in higher mortality in children. It has a good sensitivity and specificity in children's condition recognition. And children's detection indicators vary widely, a single indicator is difficult to assess the post-treatment status of children with sepsis. In this study, the authors assessed the value of serological markers combined with Brighton Pediatric Early Warning Score in predicting the prognosis of children with sepsis utilizing nested case-control study. Overall, the study is well designed, and the results are interesting. The aims are clear, and the methods are in detail. The patients data in table 1 is clear and informative. How about the follow up? The authors should discuss the follow up. And there are some minor language polishing should be corrected.**

Answer:

Dear reviewer, our study started with the diagnosis of sepsis as a starting point, and ended with the death or discharge of the child, trying to find a way to predict the therapeutic effect of children with sepsis. Because the child may be affected by other uncontrollable factors after discharge, this study did not design follow-up after discharge. The language section has been polished, thank you for your support and suggestions.

### **Reviewer 2**

**Very interesting study about the relationship between multiple serological index, Brighton PEWS and death of children with sepsis. The study is well designed. The 205 patients' detail of inclusion and exclusion can be listed in a table or figure. And a minor language editing is required.**

Answer: Dear reviewer, the inclusion and exclusion criteria have been expressed in a table, and the language has been polished. Thank you for your support.

### **Reviewer 3**

**Very interesting study. The tables and figures should be moved to the end of the main text. And the references should be updated. And an editing of the language and the format is**

**required.**

Answer: Dear reviewer, the tables and figures are moved to the end of the main text. The references are updated, and the language has been polished. Thank you for your support.