

Dear reviewer,

Thank you very much for your professional review and comments on our article. These comments are valuable and help us to improve the article. As you are concerned there are several issues that need to be addressed. Based on your suggestions, we have made corrections to our previous manuscript, and in the submitted revised version, the changes to our manuscript are highlighted in the document with a yellow background. The specific changes are listed below.

1."Keywords Consider some additional MeSH keywords to readers easier identify your research."

**The author's answer:**

We think this is a very good suggestion. Based on your reviews, we have viewed and searched for relevant keywords in MeSH and added the following 3 keywords: **Mesodiverticular band, Diverticular disease, Ligament.**

We hope we can get your suggestion again, if there is something inappropriate, we will try our best to do it right and modify it according to your requirements.

2."Introduction Please expand your Introduction with recent evidence of similar studies to provide the readers the better background for conducting your study."

**The author's answer:**

As suggested by the reviewers, we added more references to increase and expand the content of the Introduction, and the literature is all newly published in 2022 and 2023.

**Patients often become symptomatic in the first decade of life with an average age of 2.5 years. Recent studies have shown that Meckel's diverticulum is difficult to diagnose. A case of Meckel's diverticulum combined with appendicitis in an adult was recently reported. Recent neonatal case reports have also demonstrated that symptomatic Meckel's diverticulum is usually secondary to intestinal disorders such as intestinal obstruction, and therefore can be easily confused with an acute abdomen. The diagnosis of Meckel's diverticulum-related diseases is often challenging, and imaging plays an important role in the timely recognition and differentiation of other common diseases that may have similar clinical presentations.**

Thank you for your suggestions, and if further changes or additions are still needed, we are more than happy to modify them according to your comments.

3."Discussion Please state the limitations of your study at the end of Discussion."

**The author's answer:**

We have reconsidered our shortcomings in light of the reviewers' comments and have added it to the discussion. The content is as follows.

**There are few cases of Meckel's diverticulum combined with appendicitis in pediatric patients; therefore, there is little accurate knowledge of the age of onset in children. CT and magnetic resonance small bowel imaging or endoscopic techniques are likely to be the mainstay of Meckel's diverticulum diagnosis in the future.**

We hope you are satisfied with our statement of limitations, please comment and we will try our best to revise it.

**Based on your comments, we have try our best to revised and added some new parts to make**

the manuscript more complete as well as persuasive. Thank you again for your positive comments and valuable suggestions to improve the quality of our manuscript. If there are any changes that need to be made to the content, we will do our best to accommodate your requests and thank you for the opportunity to revise the manuscript. We have used MedE company to polish the manuscript further and have achieved grade A. We hope that the revised manuscript will be accepted. Thanks again!

Your sincerely,  
Yong-Dong Liu  
4,Dec,2023