

Dear Editor,

We are very grateful for your comments regarding our manuscript "Diagnosis based on electromagnetic navigational bronchoscopy-guided biopsied peripheral lung lesions in a 10-year-old girl: A case report". All your suggestions are very important to us, both for composing the manuscript and our further research. We have studied comments carefully and have made corrections which we hope to meet with approval.

Based on your advice, we amended the relevant sections in the manuscript. All your questions are answered below.

Reviewer #1

Response to comment

Therefore, I propose to publish this manuscript for future use in clinical practice. Some minor comments to authors: 1) Please check for typos throughout the manuscript.

Response: Thank you very much for your nice comments on our manuscript. We have checked for typos throughout the manuscript and make revision. The changes are marked in yellow in our manuscript.

Reviewer #2: Nicely written case report. I only have some minor suggestions below:

Response to comment

1) "CTs cans" -> "CT scans"?

Response: We really feel sorry for the mistake. Thank you for your reminder. We have carefully corrected the typographic and grammatical errors in the revised manuscript where the change marked in yellow in "Case summary" section.

2) Please provide the vendor information for Lungpro.

Response: Thank you very much for your advice. We have added the vendor information for Lungpro (Lungpoint VBN, version 3,4, Broncus Medical Inc, CA, USA) where the change marked in yellow.

3) "bronchial centerline was calculated as" -> "bronchial centerline was used as"?

Response: Thank you very much for your suggestion. We have revised the suggested content to the manuscript on "Imaging and bronchoscopic examinations" section where the change marked in yellow.

4) Figure 2: Is "E" coronal view or 3D view?

Response: Thank you very much for pointing this out. Figure 2E is 3D view. We have revised the suggested content to the manuscript on "Figure 2" where the change marked in yellow.

5) "literature review of papers" -> "review of papers"

Response: Thank you very much for pointing this out. We have revised the suggested content to the manuscript on "Discussion" where the change marked in yellow.

6) "currently used method applied" -> "current method"

Response: Thank you for your suggestion. We have revised the suggested content to the manuscript on "Discussion" where the change marked in yellow.

7) "ultrasound beam" -> "ultrasound wave"?

Response: Thank you for your suggestion. We have revised the suggested content to the manuscript on "Discussion" where the change marked in yellow.

8) "TBLB implementation" -> "TBLB operation"?

Response: Thank you for your suggestion. We have revised the suggested content to the manuscript on "Discussion" where the change marked in yellow.

9) "To address these issues...": Please provide some reference here.

Response: Thank you very much for pointing this out. We have added reference [10,11] to address these issues such as an offset or shift between the observed actual image and the virtual image when bronchoscope is often rotated while being advanced, and the difficulties in matching of the VB image corresponding to the observed bronchia branching when the bronchoscope moves unexpectedly because of patient movements. We have revised the suggested content to the manuscript on "Discussion" where the change marked in yellow.

10) "colonization of heart valve surfaces" -> "colonization on heart valve surfaces"?

Response: Thank you for your suggestion. We have revised the suggested content to the manuscript on "Discussion" where the change marked in yellow.

11) "colonization of valves" -> "colonization in valves"?

Response: Thank you for your suggestion. We have revised the suggested content to the manuscript on "Discussion" where the change marked in yellow.

12) "have remained" -> "remains"?

Response: Thank you for your suggestion. We have revised the suggested content to the manuscript on "Conclusion" where the change marked in yellow.

13) "only available in some regions and countries" -> "not available in all countries of regions"?

Response: Thank you for your suggestion. We have revised the suggested content to the manuscript on "Conclusion" where the change marked in yellow.

14) "will be able to diagnose..." -> "may help diagnose"? Mind the language here given that this is only a case report.

Response: Thank you very much for pointing this out. We have revised the suggested content to the manuscript on "Conclusion" where the change marked in yellow.

Thank you again for your positive comments and valuable suggestions to improve the quality of our manuscript. If there are any other modifications we could make, we would like very much to modify them and we really appreciate your help. Thank you very much for your help.

your sincerely,

Qionghua Chen, Fanzheng Meng, Jingyang Zheng