

Dear Jie Wang editor:

Thank you for your letter and your comments on our manuscript entitled "Application of Internal and Shell Stiffness Assessment in the Differential Diagnosis of Breast Non-mass Lesions by Shear Wave Elastography" (manuscript ID 54678). Those comments are very helpful for revising and improving our paper, as well as the important guiding significance to other research.

We have studied the comments carefully and made corrections which we hope meet with approval. According to the comments of reviewers and editors, I made the following changes to the article.

**Reviewer #01563469**

1. Reviewer suggests that it's better to add a table for those clinical data of the patients; and change the Chinese words in the figures to English.

Answers: According to the recommendation of reviewer, the comparison of clinical information (age, maximum diameter, lesion location, amenorrhea, history of lactation) between benign and malignant breast non-mass lesions is added, as shown in Table 1.

2. The discussion part is too long

Answers: Streamlining and shortening the discussion section.

3. Figures and tables are good. Please change the Chinese words to English.

Answers: The Chinese character is converted to English, and the character format in the table is corrected.

**Reviewer # 02447116**

Thank you for your comments.

**Reviewer #03478909**

The tables and figures require an editing. I found some Chinese words, please check and revise.

Answers: The Chinese character “弹性” is converted to English

**Lian-Sheng Ma, Company Editor-in-Chief**

1. Modification of article format

Answers: The article format has been modified according to the Guidelines and Requirements for Manuscript Revision and the Format for Manuscript Revision for my specific manuscript type: 'Retrospective Study'.

2. Check the language quality of the article

Answer: According to the requirements of reviewers and editors, I re edited the manuscript for grammar, sentence structure, word usage, spelling, capitalization, punctuation, format, and general readability, it has been modified according to the format requirements.

3. Reference format and manual verification of the first author of the cited article

Answer: Check the format of references, manually verify the first author of the cited article, and make corrections.

4. Confirmation of ethics documents

Answer: Because shear wave ultrasound is a part of routine ultrasound examination, and there is no extra cost, so patients do not need to sign the consent. Only patients who need biopsy or surgery to confirm pathology need to sign the informed consent. In this paper, the corresponding changes have been made.

**Science Editor Le Zhang**

1. The picture and its inner text can be edited and moved, and the picture shall be arranged and submitted in the format of PPT.

Answers: It has been sorted out as required

2. For ROC curves, use text box to provide labels of abscissa and ordinate, and avoid red and green lines

Answers: Modify as required.

3. Font and paragraph format adjustment

Answers: Apply 12 Pt Book Antiqua font and 1.5 line spacing with example margins

4. Please distinguish between the title of the article series.

Answers: Subtitles have been used as required.

2. Modification of article format

Answers: The article format has been modified according to the Guidelines and Requirements for Manuscript Revision and the Format for Manuscript Revision for

my specific manuscript type: 'Retrospective Study'.

5. Check the language quality of the article

Answer: According to the requirements of reviewers and editors, I re edited the manuscript for grammar, sentence structure, word usage, spelling, capitalization, punctuation, format, and general readability, it has been modified according to the format requirements.

7. Reference format and manual verification of the first author of the cited article

Answer: Check the format of references, manually verify the first author of the cited article, and make corrections.

8. Confirmation of ethics documents

Answer: Because shear wave ultrasound is a part of routine ultrasound examination, and there is no extra cost, so patients do not need to sign the consent. Only patients who need biopsy or surgery to confirm pathology need to sign the informed consent. In this paper, the corresponding changes have been made.

That's all.

Looking forward to hearing from you.

Thank you and best regards.

Yours sincerely,

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