

Dear editor,

Please find attached files of revised manuscript in word format

**Title: The observation of the diagnostic value of different color ultrasound diagnostic method (transvaginal / abdominal color ultrasound) in endometrial lesions**

**Author:** Xiao-Lin Lin<sup>1</sup>, Dong-Sheng Zhang<sup>2</sup>, Zhiye Ju<sup>3</sup>, Xiuming Li<sup>4</sup>, Yao-Zhu Zhang<sup>5</sup>

**Name of Journal:** World Journal of Clinical Cases

**Manuscript NO:**60739

First of all, thank you for your careful guidance of this article. Revision has been made according to the suggestions of the reviewer:

**Reviewer:02857161**

The epidemiological analysis suggested that endometrial carcinoma as a common malignant tumor in women. With the Increasing work stress and changing living habits, the endocrine disorders have been led to universalization and the incidence rate of this disease increased significantly. The selection of different ultrasonic examination schemes in clinical endometrial lesions has a certain effect on the diagnostic effect. In this study, the authors use comparative study to further clarify the diagnostic efficacy of these two color ultrasound examination schemes. This study is very interesting, and well designed.

Comments:

(1) The title can be changed to "diagnostic value of different color ultrasound diagnostic method in endometrial lesions", and running title chang to "color ultrasound diagnostic method in endometrial lesions".

**Answer:** The title and running title have been revised.

(2) The background is missing in the abstract. Please check and revise.

**Answer:** The background has been added and revised.

Endometrial lesions include endometrial cancer and inferior fibroids. Among them, endometrial cancer as a malignant tumor seriously endangers the life and health of patients. Ultrasonography is an important means of diagnosing female reproductive system diseases, and it is of critical value for the early diagnosis of endometrial cancer. However, different ultrasound inspection programs have achieved different results, so it is of great significance to choose a suitable inspection program.

(3) Please describe and conclude the figure 2 and figure 3 for 2.5 "The display of the results of 2 case through transvaginal ultrasound" in the main text.

**Answer:** After receiving the comments, we read the article carefully and found some small loopholes in the language of the article and made modifications. We describe and summarize Figure 2 and Figure 3 in the text 2.5 "Transvaginal Ultrasound Results in 2 Cases".

Seen at figure 2 Image of transvaginal color ultrasound in patients with endometrial carcinoma. In uterine endometrial carcinoma patients, there is usually an enhanced/weakened echo region. Its uterine morphology is irregular, and endometrial thickening typically occurs. The boundary of the myometrium is blurred, and there are abundant and messy blood flow signals in the lesion. And figure 3 Image of transvaginal color ultrasound in patients with endometrial hyperplasia. patients with endometrial hyperplasia, the thickening of the endometrium is irregular, and the echo is uneven. There is a cystic echo, and the uterine shape is relatively full.

(4) Please add the title of conclusion.

**Answer:** The title of conclusion has been added.

(5) The manuscript requires a minor editing.

**Answer:** Thank you for your advice. The manuscript has been edited by AJE.

**Reviewer: 03027803**

This is an interesting study of the diagnostic value of different color ultrasound diagnostic method in endometrial lesions. This study is well designed and the results are interesting. The results are discussed well with updated references. Minor comments:

1. There are some minor language polishing which should be revised.

**Answer:** Thank you for your advice. The manuscript has been edited by AJE.

2. The tables should be checked and edited.

**Answer:** The tables have been edited carefully.

According to the suggestion, we changed the relevant description.

Thank you again for publishing our manuscript in the World Journal of Clinical Cases.

Sincerely Yours,

Yao-Zhu Zhang