

October 12, 2022

Dear editor,

Please find attached files of revised manuscript in word format

Title: Effect of teach-back health education combined with structured psychological nursing on adverse emotion and patient cooperation during 99mTc-3PRGD2.SPECT/CT

Name of Journal: World Journal of Clinical Cases

Manuscript NO: 79368

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

Reviewer: 06367632

This is an interesting study about the effect of teach-back health education combined with structured psychological nursing on adverse emotion and cooperation in patients receiving 99m Tc-3PRGD2.SPECT/CT examination. The sample size is enough, and the inclusion criteria is reasonable. The outcomes were measured successfully. The results are well displayed, and well discussed. The reviewer recommends to accept this manuscript after a minor correction. Such as, some minor language polishing should be revised, the references list must be edited and updated. Data in the tables are interesting, however, the tables should be more structure.

Reviewer: 06368927

Overall comments: I commend the authors for choosing this rather neglected but nonetheless an important topic surrounding the structured train and teach-back method for patients undergoing for 99m Tc-3PRGD2.SPECT/CT. However, I have few concerns: 1) What is the practical application/ utility of the index study. You have not shown any variation in clinical results of the 99m Tc-3PRGD2.SPECT/CT in the control and study groups. Perhaps a cross-over study design might have aided in that aspect. 2) The quality of English language in general is not up to the mark and needs revision by an expert.

Specific comments: Abstract : expand SDS and SAS scores when they are mentioned first in the abstract Introduction: -I do not see references 1 & 2 here. -Correct your grammar please "Structured psychological nursing is a commonly used psychological nursing methods, comprised of different psychological intervention measures and used to implement comprehensive interventions in organic combination with health education, stress management, coping skills, etc.[8]." Material and methods General information: Most of the data given here needs to be shifted to the results section. Study group para:Correct your grammar please. "The patients were instructed to perform operation drills on the spot, and a thorough assessment of their understanding of the educational material was performed, based on which targeted adjustment and optimization were provided. The educational method is thus improved until the patients can effectively demonstrate their understanding of the educational content" Results: Para about heart rate and BP is confusing. Just let it be in the table 1 and refer to Table 1 here. The tables need to be remade such that the p value is at the right column at the end and remove t values. Discussion: Same point is written over and again and seems non-constructive.

Reviewer: 06369013

This study shows that the combined use of teach-back health education and structured psychological care for 99m Tc-3PRGD2.SPECT/CT examination may improve the cooperation of patients during the examination. This research is well designed and the results are interesting. Suggestions: The IRB statement should be added to the text. The discussion is somewhat long, you can short it, and the discussion should be more focus.

After receiving the comments, we read the article carefully and found some small loopholes in the language of the article and made modifications and new language proofs are also provided.

1.What is the practical application/ utility of the index study. You have not shown any variation in clinical results of the 99m Tc-3PRGD2.SPECT/CT in the control and study groups. Perhaps a cross-over study design might have aided in that aspect.

Answer: 99mTc-3PRGD2.SPECT/CT is mainly the definition of the selected subjects. Patients receiving 99mTc-3PRGD2.SPECT/CT have insufficient knowledge of this examination modality and are worried about the

examination results, so they generally have a certain degree of fear, nervousness and anxiety, resulting in poor examination cooperation, which can adversely affect the examination results, so we conducted a study on Therefore, we conducted a study on patients who underwent this examination with the aim of exploring the interventional value of Teach-back health education combined with structured psychological care, rather than exploring the examination value of ^{99m}Tc -3PRGD2.SPECT/CT.

2. Abstract : expand SDS and SAS scores when they are mentioned first in the abstract Introduction.

Answer: SDS and SAS have been added to the abstract in English.

3. Material and methods General information: Most of the data given here needs to be shifted to the results section. Study group para:Correct your grammar please.

Answer: We have moved the general information to the results section.

We modified the other required changes as requested.

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,

Weining Gong