

Jan 18, 2024

Re: Submission of a Revised manuscript to the *World Journal of Clinical Cases*

Dear Editors and Editorial Committee,

I am immensely grateful for the opportunity to revise our invited review, titled "Enhancing Competency of Clinical Research Nurses: A Comprehensive Training and Evaluation Framework" (Manuscript number: 91375). We humbly request that you consider our revised manuscript for publication in the *World Journal of Clinical Cases*. The authors have diligently followed the guidelines, and all have consented to its publication. We are pleased to report that none of the authors had any conflicts of interest to disclose regarding this manuscript.

We appreciate the invaluable feedback provided by the Editors, and have made the necessary revisions to grammar, style, and structure. We believe that you will now find it suitable for publication in the *World Journal of Clinical Cases*. In case of final acceptance, we are willing to make this manuscript open-access.

The changes in the manuscript are clearly marked in track change mode. Below, you will find a point-by-point response to the reviewers' comments. Revisions or insertions are denoted in red.

Thank you for your time and consideration. We eagerly await your decision.

Yours sincerely,

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Title page and author information changes

Revised: We have standardized the spelling of the author's name by changing "Xu Yi" to "Yi Xu". In parallel, we have modified the name in the author's contribution section. Here is the modified author's contribution section.

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Author Contributions

Yangxi Liu Writing of the original draft. Yi Xu Conceptualization, writing, reviewing and editing. All authors participated in drafting the manuscript and all have read, contributed to, and approved the final version of the manuscript.

Reviewer #1:

Scientific Quality: Grade B (Very good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Accept (General priority)

Specific Comments to Authors:

This is a letter to the editor commenting on a previous publication. Such submission should be encouraged to stimulate discussion and promote interest in the subject. This is appropriately written with a figure and can be accepted.

Response:

Thank you for your positive feedback and encouragement. Your comments have strengthened our resolve to continue making contributions to scientific discussions and progress. We appreciate your valuable opinions and will make necessary language improvements based on your suggestions. Thank you again for your support and affirmation!

Science editor:

1 Conflict of interest statement: Academic Editor has no conflict of interest.

2 Scientific quality: The author submitted a study of enhancing competency of clinical research nurses: A comprehensive training and evaluation framework. The manuscript is overall qualified.

(1) Advantages and disadvantages: The reviewer have given positive peer-review reports for the manuscript. Classification: Grade B; Language Quality: Grade B. This is a letter to the editor commenting on a previous publication. Such submission should be encouraged to stimulate discussion and promote interest in the subject. This is appropriately written with a figure and can be accepted.

(2) Main manuscript content: The author clearly stated the purpose of the study and the research structure is complete. However, the manuscript is still required a further revision according to the detailed comments listed below.

(3) Table(s) and figure(s): There are 1 Figure and no Table should be improved. Detailed suggestions for each are listed in the specific comments section.

(4) References: A total of 13 references are cited, including 4 published in the last 3 years.

3 Language evaluation: The English-language grammatical presentation needs to be improved to a certain extent. There are many errors in grammar and format, throughout the entire manuscript. Before final acceptance, the authors must provide the English Language Certificate issued by a professional English language editing company. Please visit the following website for the professional English language editing companies we recommend: <https://www.wjgnet.com/bpg/gerinfo/240>.

4 Specific comments: (1) Please provide the filled conflict-of-interest disclosure form. (2) Please provide the Figures cited in the original manuscript in the form of PPT. All text can be edited, including A, B, arrows, etc. With respect to the reference to the Figure, please verify if it is an original image created for the manuscript, if not, please provide the source of the picture and the proof that the Figure has been authorized by the previous publisher or copyright owner to allow it to be redistributed. All legends are incorrectly formatted and require a general title and explanation for each figure. Such as Figure 1 title. A: ; B: ; C: .

(3) Please obtain permission for the use of picture(s). If an author of a submission is re-using a figure or figures published elsewhere, or that is copyrighted, the author must provide documentation that the previous publisher or copyright holder has given permission for the figure to be re-published, and correctly indicate the reference source and copyrights. For example, "Figure 1 Histopathological examination by hematoxylin-eosin staining (200 ×). A: Control group; B: Model group; C: Pioglitazone hydrochloride group; D: Chinese herbal medicine group. Citation: Yang JM, Sun Y, Wang M, Zhang XL, Zhang SJ, Gao YS, Chen L, Wu MY, Zhou L, Zhou YM, Wang Y, Zheng FJ, Li YH. Regulatory effect of a Chinese herbal medicine formula on non-alcoholic fatty liver disease. *World J Gastroenterol* 2019; 25(34): 5105-5119. Copyright

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5 Recommendation: Conditional acceptance.

Language Quality: Grade B (Minor language polishing)

Scientific Quality: Grade B (Very good)

Response:

Thank you for your patience in reading our manuscript. We humbly accept your suggestions.

According to 2. (1). We have professionally proofread the manuscript in high-quality English. The proofread parts are marked as follows.

~~Furthermore~~Moreover, the ~~update~~ speed of updating training content is ~~slowsluggish~~ and fails to ~~keep-up-with~~match the rapid ~~development~~advancement of medical technology. The emergence of new technologies and ~~methods-requires-us-to~~ constantly-updatetechniques necessitates the constant updating of our knowledge.

base, ~~butyet~~ the current training ~~content-has~~materials have not been able to keep up with ~~this-change-these~~ changes. Therefore, ~~we-needit-is~~ essential to establish a dynamically updated training system and regularly update and ~~optimizer~~refine the training content.⁴

~~Finally~~Lastly, it is worth ~~mentioning~~noting that there are also challenges with the evaluation methods for training. The current evaluation methods are too simplistic, ~~mainly~~primarily based on theoretical examinations, ~~which-makes~~making it difficult to comprehensively assess the actual abilities of research nurses. Therefore, it is necessary to improve the evaluation methods during the assessment process of nurses by incorporating more practical operations and case-based evaluation methods to more accurately evaluate their skill levels.⁴

In conclusion, there is an urgent need to reform the current training model for research nurses. By optimizing the training content, establishing a dynamically updated training system, and improving assessment methods, we can enhance the quality of research nurse training and foster more outstanding talents for the healthcare industry^[3].(See Table 1).⁴

it is essential to collaborate with other fields. Clinical trials involve multiple disciplines and fields; hence CRN training must consider interdisciplinary cooperation with clinicians^[7], pharmacists, biostatisticians, and more. This interdisciplinary cooperation can enhance CRN's coordination and communication abilities throughout the clinical trial process. Fifthly, we must leverage modern technology. With technological advancements, distance education and online learning have become feasible. Therefore, more online courses, virtual reality simulation training, and other modern training methods can be considered to provide more flexible and diverse training options. Sixthly, attention should be paid to CRN's career development. Beyond providing quality training, emphasis should be placed on CRN's career advancement^[8-11]. Opportunities for promotions should be available or a comprehensive career development plan should be established to assist CRN in achieving their professional aspirations. Lastly, a feedback mechanism should be established^[12, 13]. To ~~ensure~~enhance the ~~effectiveness~~efficacy of training, it is imperative to establish a feedback mechanism for CRN ~~should be implemented~~. This can be achieved through regular surveys to assess satisfaction ~~surveys~~, focus group discussions, and ~~more, allowing us to understand other~~ means. By promptly understanding CRN's needs and expectations ~~in a timely manner and further, we can~~ refine the training program accordingly.[↵]

In summary, the cultivation and ~~development~~advancement of CRN ~~require~~necessitate comprehensive consideration and improvement across multiple ~~facets~~dimensions. This encompasses not only the refinement of training content and methods but also effective collaboration with other fields, career development opportunities, and more.[↵]

Conclusion[↵]

According to 2. (3). We added a table “Table 1 The current nursing education model's shortcomings and suggestions for improvement”.

Table 1 The current nursing education model's shortcomings and suggestions for improvement

Disadvantage	Suggestions
Theory is more important than practice	Refine the training content and increase the proportion of practical operations
Content is not synchronized with medical technology	Establish a dynamic and updated training system and update and optimize it regularly
The evaluation method is not comprehensive	Increase the proportion of practical operations and case evaluations

4. (1) We have uploaded the conflict-of-interest disclosure form in this submission.

4. (2) and (3) All our Tables and Figures are original. The PPT editable format of the Figure 1 is submitted in the attachment. Please check and review it. We have polished the language of the manuscript, and the changed parts can be viewed in the review mode in word. Finally, thank you for your affirmation of our manuscript.

5. Thank you for your positive feedback on our manuscript.

Company editor-in-chief:

I have reviewed the Peer-Review Report, and full text of the manuscript, all of which have met the basic publishing requirements of the World Journal of Clinical Cases, and the manuscript is conditionally accepted. I have sent the manuscript to the author(s) for its revision according to the Peer-Review Report, Editorial Office's comments and the Criteria for Manuscript Revision by Authors.

When revising the manuscript, it is recommended that the author supplement and improve the highlights of the latest cutting-edge research results, thereby further improving the content of the manuscript. To this end, authors are advised to apply PubMed, or a new tool, the RCA, of which data source is PubMed. RCA is a unique artificial intelligence system for citation index evaluation of medical science and life science literature. In it, upon obtaining search results from the keywords entered by the author, "Impact Index Per Article" under "Ranked by" should be selected to find the latest highlight articles, which can then be used to further improve an article under preparation/peer-review/revision. Please visit our RCA database for more information at: <https://www.referencecitationanalysis.com/>, or visit PubMed at: <https://pubmed.ncbi.nlm.nih.gov/>.

Response:

Thanks for your suggestion, we've polished the language of the article and delved into the science of the article.