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OPEN PEER REVIEW

Exploring Learners' Experiences with Neonatal Resuscitation Training Using the Multimedia Method: A Qualitative Study

Soleiman Ahmady, Amin Habibi, Alireza Jashni Motlagh

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About this report

This open peer review (OPR) report shows the public comments made on this article during peer review, by the reviewers, the associate editor and the editor-in-chief, for every revision round, together with the authors' replies. Comments appear only with the consent of the people who wrote them. Reviewers who chose to sign their report are named; the others are shown as "Referee". Comments are edited for language only, and confidential remarks to the editors are not included.

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Contents

1 Original submission Masomeh Kalantarion 2
2 Revision 1 4
Authors' reply to reviewers 5
Reviewer and editor comments 9
3 Revision 2 10
Authors' reply to reviewers 11
Reviewer and editor comments 13

1 Original submission

1 comment · 13 Jan 2024

Masomeh Kalantarion Reviewer

MAJOR REVISION 13 Jan 2024

Abstract:

• The abstract provides a clear and concise summary of the main aspects of the study, such as the background, objectives, method, results, and conclusion.

• The abstract could be improved by providing more details on the multimedia method, such as what kind of media and tools were used, and how they were integrated with the conventional content analysis method.

• The abstract could also be improved by stating the main findings of the study, such as what the strengths and weaknesses of the multimedia method were, and how they influenced the learning experiences of the interns.

Background:

• The background could be improved by providing more details on the multimedia method, such as what kind of media and tools were used, and how they were integrated with the conventional content analysis method. This would help the reader to understand the intervention and the method better.

• The background could also be improved by stating the gap or the need for the study, such as why the existing literature or evidence is insufficient or inadequate to address the research problem, and how the study aims to fill the gap or meet the need. This would help to justify the significance and originality of the study.

Methods

The method could be improved by providing more information on the sampling strategy, such as how the participants were selected, how many were invited, and how many agreed to participate. It could also provide more information on the data collection process, such as how long the focus group sessions lasted, how many sessions were conducted, and how the data were recorded and transcribed. It could also provide more information on the data analysis process, such as how the codes, categories, and themes were generated, how the data were organized and managed, and how the findings were validated and verified.

Result

The results could be improved by providing more information on how the themes and subthemes were derived from the codes, and how they relate to the research objective and question. They could also provide more information on how the results were validated and verified, such as using triangulation, member checking, or peer review.

Discussion:

The discussion could be improved by providing more information on how the findings contribute to the existing knowledge and practice of neonatal resuscitation training, and how they address the research question and objective. It could also provide more information on how the findings are generalizable and transferable to other contexts and settings, and how they inform future research and policy.

The discussion could also be improved by using tables or figures to summarize and visualize the main findings and their relationships with the literature, such as showing the strengths and weaknesses of the multimedia method, or using a conceptual map to show the impact of the multimedia method on the learning experiences of the interns. This would help the reader to understand and interpret the discussion better.

The discussion could be improved by providing more information on the limitations and recommendations of the study, such as the methodological challenges, the generalizability and transferability issues, and the suggestions for future research and practice.

Conclusion:

It could also provide more information on the originality and significance of the study, such as how the study fills the gap or meets the need in the existing literature and practice of neonatal resuscitation training.

2

Revision 1

AUTHORS' RESPONSE TO REVIEWERS

Authors' reply to reviewers

The next pages contain the authors' point-by-point reply to the comments of this revision round, as submitted with the revised manuscript. It is published as the authors wrote it.

Dear Editor-in-chief,

We are grateful to the editors and reviewers for their time and constructive comments on our manuscript. We have implemented their comments and suggestions and wish to submit revised version of the manuscript for further consideration in the journal. Changes in the initial version of the manuscript are either highlighted.

Sincerely,

Dr. Alireza Jashni Motlagh

Response to reviewer 1:

Abstract: *Reviewer 1:*

Abstract :

• The abstract provides a clear and concise summary of the main aspects of the study, such as the background, objectives, method, results, and conclusion.• The abstract could be improved by providing more details on the multimedia method, such as what kind of media and tools were used, and how they were integrated with the conventional content analysis method.• The abstract could also be improved by stating the main findings of the study, such as what were the strengths and weaknesses of the multimedia method, and how they influenced the learning experiences of the interns.

- Thanks. Abstract was improved using your valuable comments.

The background could be improved by providing more details on the multimedia method, such as what kind of media and tools were used, and how they were integrated with the conventional content analysis method. This would help the reader to understand the intervention and the method better.

• The background could also be improved by stating the gap or the need for the study, such as why the existing literature or evidence is insufficient or inadequate to address the research problem, and how the study aims to fill the gap or meet the need. This would help to justify the significance and originality of the study.

- Thanks. Background was improved using your valuable comments.

Methods

The results could be improved by providing more information on how the themes and subthemes were derived from the codes, and how they relate to the research objective and question. It could also provide more information on how the results were validated and verified, such as using triangulation, member checking, or peer review.

- Thanks. Methods was improved using your valuable comments.

Result

The results could be improved by providing more information on how the themes and subthemes were derived from the codes, and how they relate to the research objective and question. It could also provide more information on how the results were validated and verified, such as using triangulation, member checking, or peer review.

- Thanks. Many of the codes were related to educational pedagogy and this was the main objective of the research, and it was validated by member checking. Results' section was improved using your valuable comments.

Discussion

The discussion could be improved by providing more information on how the findings contribute to the existing knowledge and practice of neonatal resuscitation training, and how they answer the research question and objective. It could also provide more information on how the findings are generalizable and transferable to other contexts and settings, and how they inform future research and policy.
The discussion could also be improved by using tables or figures to summarize and visualize the main findings and their relationships with the literature, such as showing the strengths and weaknesses of the multimedia method, or using a conceptual map to show the impact of the multimedia method on the learning experiences of the interns. This would help the reader to understand and interpret the discussion better. The discussion could be improved by providing more information on the limitations and recommendations of the study, such as the methodological challenges, the generalizability and transferability issues, and the suggestions for future research and practice.

- Thanks. Discussion section was improved using your valuable comments. The limitation of study was time limit of interns for full participation and the researchers suggest repeating such a study in future by more participants to take better results.

Conclusion

It could also provide more information on the originality and significance of the study, such as how the study fills the gap or meets the need in the existing literature and practice of neonatal resuscitation training.

- Thanks. Discussion section was improved using your valuable comments. The existing literature and practice of neonatal

resuscitation training is compressed and often without feedback and reflection on action. We cited it in the text for better readers understand. It seems multimedia methods can be good for subjects that should be memorized in students' mind.

Reviewer 2:

Background:
1-Use explain instead of assess in the aim of study. It was repeated two times.

Thanks. Its corrected.

Method:
Mention the general and some of exploratory questions that were asked (a list of presented topics or questions)
Explain recruitment method. Duration of the discussion? Explain about the way of deciding on the planned and performed number of focus groups. Explain clearly about the context and setting.
Define the parts played by the moderator and observatory clearly. Were they trained?
Describe the degree of moderator's involvement and the degree of control over participants' involvement.
Explain about ethical issues.
explain about trustworthiness of your study
You conducted a qualitative study. The verb (evaluated) is not applicable in qualitative studies. (In this sentence: "neonatal resuscitation using the multimedia method" was evaluated and explained from the experiences of medical interns)

- Thanks. Explanations related to each subsection were added in the text. Methods were improved using your valuable comments.

Results:
It is better to use infrastructure instead of multimedia in "poor multimedia"
In "costly multimedia" theme, the interns din not prepared the multimedia and the institute provide it to them. Why they talked about the cost of multimedia?
What is your study suggestion?
What is your study limitation?

- Thanks. Its corrected.

2 Revision 1

0 comments

No public comments in this round.

3

Revision 2

AUTHORS' RESPONSE TO REVIEWERS

Authors' reply to reviewers

The next pages contain the authors' point-by-point reply to the comments of this revision round, as submitted with the revised manuscript. It is published as the authors wrote it.

Dear editor in chief,

Thank you for providing us with the opportunity to revise our manuscript. We appreciate the reviews and constructive suggestions by the reviewers. We revised the articles according to the comments. All changes in the text are highlighted in blue color.

1. Please provide name and title for all Tables. Also, you should mention all Tables in the text.

Thanks, the mentioned comment was amended in the text. Page 4 and 5.

2. "Reply to reviewer" file should not include Full text. You must reply to all reviewers' comments one by one with line number and numbering.

Sure. It's done.

3. Write in detail about the below items within the last five years: Funding or Research support / Employment/ Personal financial interests / Stocks or shares in companies / Consultation fees / Patents / Personal or professional relations with organizations and individuals (parents and children, wife and husband, family relationships, etc.),.

The above items are given in this section. Thank you for your helpful comment.

The lead author of this article and his colleagues are graduates of medical sciences departments and are currently employed in the Faculty of Medical Sciences. Dr. Jashani is a pediatrician and a faculty member at Alborz University of Medical Sciences. The authors declare no conflicts of interest in the publication of this article. The university is a reputable scientific and research institution and the author's primary focus is on academic pursuits rather than financial gain from publishing this article. The research expenses were covered by Alborz University of Medical Sciences and the research proposal was

approved by the university's ethics committee. It is important to note that the authors do not hold positions on the journal's editorial board or act as reviewers.

3 Revision 2

0 comments

No public comments in this round.