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OPEN PEER REVIEW

The Relationship Between Women's Satisfaction with Personnel's Support During Labor, Fear of Childbirth, and Duration of Labor Stages

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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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1 Original submission

1 comment · 26 Sep 2021

Associate Editor

MAJOR REVISION 26 Sep 2021

Dear Authors
Thank you for submitting your manuscript entitled "The relationship of fear of childbirth and duration of labor stages with the women's satisfaction with the personnel's support during labor" to SeMJ. According to the referees' comments, your manuscript needs major revision to be suitable for publication. In fact, the discussion and conclusion need to be more congruent with the results. Besides, some references are too old and should be replaced. If you are still interested in publishing your manuscript in SeMJ, please answer all comments and revise the manuscript.
Kindest regards
Editorial team

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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.

Prof. Kamran Bagheri Lankarani

Editor in Chief, Shiraz E-Med J

Dear Prof. Kamran Bagheri Lankarani

Please find the revised manuscript entitled **“The relationship of fear of childbirth and duration of labor stages with the women’s satisfaction with the personnel’s support during labor”**. We have carefully considered the reviewers' comments and have addressed them in the following attachment. We hope that the revisions in the manuscript and our accompanying responses will be sufficient to make our manuscript suitable for publication in the Journal. We look forward to hearing from you.

Yours sincerely,

*Corresponding author:

Response to reviewer

We thank you for their highly insightful comments which have enabled us to greatly improve the quality of our manuscript. In the following are our point-by-point responses to each of the comments.

Reviewer 1:

- Report mean± SD instead of mean (SD).

We have reported mean± SD instead of mean (SD) in *the text and tables and highlighted them.*

- Report results of quantitative face validity, CVI and CVR for the Persian version of all the questionnaires.

For all instruments used in the study, we have explained more the Persian version.

- Given information about adjusted General Linear Model are not adequate. Why GLM? Adjusted based on which variables? Using which variable selection technique?

We have conducted again the analysis and used the multivariate linear regression. We have made model based on the comment of dear reviewer and considered fear of childbirth, duration of active phase and total duration of labor as independent variables and satisfaction as the dependent variable. We have corrected the tables based on the new results.

- In Table 3, remove "relationship with" from all the column names, include SD for all the means and also report exact P-values.

In all columns, the phrase "communication with" has been removed. SD has been reported and also we have reported exact P-values. We have corrected this Table based on the new analysis. We have considered satisfaction as the dependent variable

- Revise titles of the last two tables.

The title of the Table 4 was corrected.

- In all the regression models, fear of childbirth must be independent and satisfaction must be dependent variable. Fear was measured during the labor but satisfaction was measured within 12-24 hours postpartum.

We have conducted again the analysis and used the multivariate linear regression. We have made model based on the comment of dear reviewer and considered fear of childbirth, duration of active phase and total duration of labor as independent variables and satisfaction as the dependent variable. We have corrected the tables based on the new results.

Reviewer 2:

- Some references were too old and dates back more than 8-10 years ago and some have not been properly written through Vancouver format (reference 7 and……).

We have updated the reference as possible as.

- "Besides, improvement of the quality of care and increasing the support can improve the level of midwifery care." Has it (this sentence in conclusion) been part of the goals or results?

Since this sentence was not one of our goals and results, we have removed it from the conclusion section.

- In discussion some content is not in the line of title and objectives of our study. The discussion should be more fully formulated and analyzed from the perspective of various influential factors.

Our aim in the present study was to the relationship of fear of childbirth and duration of labor stages with the women's satisfaction with the personnel's support during labor. All goals are explained in the discussion section and compared with similar studies. The sections discussed for each purpose were highlighted.

- Goals and Hypothesis is not clearly stated and appropriately explained. There was mismatching between results and conclusions together. Conclusions must be support by the discussion.

We have edited and highlighted the last paragraph of the introduction, which was about goals. Also, due to the significant and inverse relationship between fear of childbirth and satisfaction with personnel's support, this case is mentioned in the conclusion section and is highlighted.

- Introduction must be focus on the study gap about "What we know" and "What we don't know". Goals and Hypothesis should be clearly adapted with other parts.

In the last paragraph of the introduction, it has been mentioned that only one research has been carried out in Iran regarding the relationship between social support and FOC on nulliparous women, and no study was available on multiparous women at the time of the study. In addition, no

study has examined the relationship of personnel support with the duration of labor in Iran (what we don't know). We have revised the last paragraph of Introduction section.

Thanks

2 Revision 1

1 comment · 2 Jan 2022

Associate Editor

MAJOR REVISION 2 Jan 2022

Dear Authors
Thank you for sending the revised version of your manuscript entitled "The relationship of fear of childbirth and duration of labor stages with the women satisfaction with the personnel support during labor".
According to one of the reviewers, your manuscript still needs some revisions. Please revise the manuscript based on the reviewer's comments.
Kindest regards
Editorial team

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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.

Prof. Kamran Bagheri Lankarani

Editor in Chief, Shiraz E-Med J

Dear Prof. Kamran Bagheri Lankarani

Please find the revised manuscript entitled **“The relationship of fear of childbirth and duration of labor stages with the women’s satisfaction with the personnel’s support during labor”**. We have carefully considered the reviewers' comments and have addressed them in the following attachment. We hope that the revisions in the manuscript and our accompanying responses will be sufficient to make our manuscript suitable for publication in the Journal. We look forward to hearing from you.

Yours sincerely,

Response to reviewer

We thank you for their highly insightful comments which have enabled us to greatly improve the quality of our manuscript. In the following are our point-by-point responses to each of the comments.

Reviewer 1:

1. Revise the title. “relationship of fear of” and “with the women’s satisfaction with” are not appropriate.

We have revised the title as well as the aim in the abstract and main text.

2. “multiple linear regression” in true.

We have corrected it.

3. 95% CI: -0.58 to 0.48 or -0.48?

We have corrected it.

4. 95% CI: -0.01 to -0.00!

We had rounded to 2 decimal places. We have written it with three decimal numbers.

5. Conclusion is not based on reported results. Fear of childbirth and the duration of labor are independent variables in this study.

We have revised the conclusion section.

6. Report amounts of CVI, CVR and reliability of Persian version in each questionnaire.

We have used the valid and standard questionnaire. Unfortunately, the amounts of CVI, CVR have not been reported in the published articles. We have reported the reliability of Persian version in each questionnaire previously.

Moudi Z, Tavousi M. Evaluation of Mackey childbirth satisfaction rating scale in Iran: what are the psychometric properties? Nurs Midwifery Stud. 2016;5(2):e29952.

Shakarami A, Iravani M, Mirghafourvand M, Jafarabadi MA. Psychometric properties of the Persian version of delivery fear scale (DFS) in Iran. BMC Pregnancy Childbirth. 2021;21(1):147. doi: 10.1186/s12884-021-03634-7.

7. Insert variables with P<0.20 into regression model.

We have inserted variables with P<0.20 into regression model.

8. How "the highest R2 was determined (R2= 0.622)"?

We have corrected it. The adjusted R^2 was 0.610 for the model with inserting variables with P<0.20.

9. Method of variable selection in regression modeling is not clear.

We have revised the Statistical Analysis subsection of Methods section and last paragraph of Results section.

Thanks

3 Revision 2

0 comments

No public comments in this round.