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OPEN PEER REVIEW

Can Mother's Depression Affect Infant's Development?

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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.

More about open peer review: brieflands.com/knowledgebase/opr

Contents

1 **Original submission** Referee 1, Editor-in-Chief 2

2 **Revision 1** Referee 1, Associate Editor, Editor-in-Chief 3

Authors' reply to reviewers 4

Reviewer and editor comments 9

3 **Revision 2** Associate Editor, Editor-in-Chief 10

Authors' reply to reviewers 11

Reviewer and editor comments 13

1 Original submission

2 comments · 25 May 2021 – 25 May 2021

Referee 1 Reviewer

MINOR REVISION 25 May 2021

This article addresses an important issue. Please see my comments in the attached file.

Editor-in-Chief

MINOR REVISION 25 May 2021

Your paper has been evaluated by external peer reviewers. Please revise your paper according to the reviewers' comments. I would appreciate it if you could make the revisions as soon as possible using the track changes mode in MS Word and colored text.

After revision, authors are obliged to upload a Word file containing the reviewers' comments and their point-by-point responses to all comments.

Besides, please pay attention to the word count limitation:
Word count limits are provided at this link: http://kowsarpub.com/en/index.php/services/for-authors/895-word-count

We look forward to receiving your revised manuscript. Thank you for sending your work to the Iranian Journal of Psychiatry and Behavioral Sciences.

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.

Thanks to the respected reviewers who improved the quality of the article by submitting their comments. This review was instructive for me. All comments were corrected one by one and answered as follows and highlighted in the manuscript.

Reviewers' Comments:	
The structured abstract is required including these headings: • **Background** • **Objectives** • **Methods** • **Results** • **Conclusions**	Thank you. I structured my abstract using this headings.
This "conclusion" is a repetition of the "findings". **Conclusion should present the last word on the issues and summarize thoughts and convey the larger implications of study, demonstrate the importance of ideas and introduce possible new or expanded ways of thinking about the research problem.**	Thanks. I corrected the inclusion **Conclusions:** There are many concerns about the impact of maternal depression on child's development. But our study showed that mother's depression is not related to the toddler's developmental disorder. One reason may be that it takes longer for a child to be affected by the mother's depression and one year is not enough for this purpose
The rest of the article includes the following headings: • **Background & Objectives** • **Materials/Patients and Methods** • **Results** • **Discussion** • **Conclusion** • **References**	Thank you. I structured my article using this headings.
You have written about "participants and data collection", "questionnaires", and "statistical	Thanks. All one-year-old children referred to the health centers in Hamadan are

analysis". But you did not explain the details of the study method. Where did the subjects fill out the questionnaires? Did they fill out the questionnaires themselves or did a questioner do it? Who distributed the questionnaires and who collected them? How were they collected? Were the questionnaires named or anonymous? Filled in person or online? What were the ethical considerations? Is the code of ethics taken from the relevant institution?	evaluated by ASQ. For those who entered our study, the mothers filled out ASQ themselves in health center and gave it back to our colleague. BDI-II were filled out by our colleague as a questioner to examine mother's depression in health center, the questioner obtained mothers' demographic information either. All the questionnaire were anonymous.
Please explain how you calculated the sample size.	Thanks To calculate the sample size , we used the "r" equal to 0.29 ,according to the Black study (11), and considered α=0.01and β=0.01 so about 300 subjects were entered the study.
Please mention the psychometric properties of the original, as well as the Persian version of these instruments. **Also mention the cut off points of BDI-II.**	BDI-II Inventory has 21 items and is one of the most appropriate tools for reflecting depression, which examines three groups of emotional, cognitive, and physical symptoms of depression. Beck Depression Inventory scoring has different levels: Scores 0 to 13 non-depressed or least depression; scores 14 to 19 show mild depression; Scores 20 to 28 indicate moderate depression and scores 29 to 63 are considered as severe depression. In this study, people who received sever and very severe depression scores with the BDI-II were considered as depressed. The validity and reliability of the BDI-II in the Iranian population were assessed. It's Cronbach's alpha was 78% and the validity of the retest was 73% after two weeks (12). In this study, subjects who scored

	moderate to major depression in the Beck questionnaire were considered as depressed. The prevalence of developmental disorders in this study was assessed using the Ages & Stages Questionnaire (ASQ). The ASQ is a relatively simple questionnaire that allows people with primary education to answer correctly. This test has clear and simple language and next to a large number of questions, simple images have been placed that increase the clarity of the questions and so it makes the ASQ applicable and easy to use (21). Pediatric residents have reported that the ASQ is the preferred screening instrument for developmental delay (13) . This test contains 30 questions about the child's development and Screens 5 domains: Communication, Gross Motor, Fine Motor, Problem Solving and Personal-Social. The cut-off point of the Developmental Disorder Questionnaire was considered to be two standard deviations lower than the average of each domain in Iranian children, so the cut-off point in the field of Communication is 20.4, in Gross Motor skills is 21.5 , in Fine Motor skills is 34.6 , in the Problem-Solving is 33.7 and in the Personal-Social is 18.3 (14(
Citation needed.	Citation: Executive instructions for the child developmental intervention program. In: Child Health Office OoP, Family and School Health, Ministry of Health TaMEoI, editors. 2012.

Please mention the software used for statistical calculation	all the calculation was done using SPSS 16 software
The main part of the article discussion is about comparing depression as well as comparing growth disorders in different studies. While the objective of this study is to investigate the relationship between these two factors.	Thanks to your valuable comments. I omitted some parts of discussion and moved some in to methods. Now the first paragraph is about the prevalence of mothers' depression. The second is about the prevalence of developmental disorders in one year old children, and other paragraphs are about the main aim of the study, the relationship between these two.
Move these parts to Methods sction.	Thank you I did it.
Are you sure this reference number is correct?	Yes you are right. It was not related to the item. I corrected it and the new reference is: Federici S, Bracalenti M, Meloni F, Luciano JV. World Health Organization disability assessment schedule 2.0: An international systematic review. Disabil Rehabil. 2017;39(23):2347-80
Did they use the second version of BDI (BDI-II)?	Yes. Kaviyani and Modabarnia used the second version of (BDI-II) in their studies.
Please revise the references according to the guidelines of the journal. **- Please use abbreviated name of the journals according to MEDLINE database. You also may find abbreviations on the Wikipedia website.** **- You should mention the language of non-English (e.g. Persian) references in parenthesis**	Than you. I used abbreviated name of the journals according to MEDLINE database for 20 articles. 5 article were Persian. One was the book. One was WHO's report.

too. **- Add the DOI of all the articles at the end of them.**	

2 Revision 1

3 comments · 5 Jun 2021 – 6 Jun 2021

Referee 1 Reviewer

MINOR REVISION 5 Jun 2021

Please see my suggested corrections and comments in the attached file.

Associate Editor

MINOR REVISION 5 Jun 2021

Thank you for your recent revisions.
Your paper has now been evaluated again by the external peer reviewer.
As you will see, although the referees find some merit in the paper, substantial revisions are required before we can consider it further. Consequently, I invite you to respond to the reviewers' concerns and to submit a revised manuscript in due course.

Editor-in-Chief

MINOR REVISION 6 Jun 2021

Thank you for your recent revisions.
Your paper has now been evaluated again. According to the reviewer's and associate editor's comments, it needs some more revisions. Please make your revisions according to these comments. I would appreciate it if you could make the revisions as soon as possible using the Track Changes mode in MS Word and colored text.

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 reviewer.

Thank you for your valuable instructions, all the comments are answered one by one in the text (highlighted in green) and here in separate table.

Reviewer's comments	reply
In medical texts, a child up to one year old is referred to as "Infant" and from 1-3 years old, is referred to as "toddler".	Thanks for your instructive comments. All changes are accepted and all items are replaced with modified ones.
“Disabilities” id a better word.	Of course. Thanks.
This sentence is not related to the findings of the study.	Thank you. I omitted the sentence.
This sentence is part of the "discussion".	Thank you. I omitted the sentence.
A list of three to five keywords should be included below the abstract in alphabetical order, and should be taken from those recommended by the US National Library of Medicine's Medical Subject Headings (MESH) browser list. You can use the following address: http://www.ncbi.nlm.nih.gov/mesh/ **If suitable MESH terms are not yet available for recently introduced terms, present terms may be used**	Thank, the word "Mother's depression" was not founded in MESH. But two other words are from MESH terms.
Please add the code of ethics taken from your institution.	This study has not been done under any institute's supervision. Before submitting the article I asked the question about this matter, and answer was: "Due to the journal's policy, having ethical code is not necessary for this kind of studies".
Please check. Did you obtain “written” informed consent or “oral” informed consent?	Thank you. Our colleague obtained oral informed consent from those mothers who referred to health centers.
Are you sure?	Yes. The file is accessible in this URL https://iums.ac.ir/files/vch/files/rahnamay_ASQ.pdf

3 Revision 2

2 comments · 20 Aug 2021 – 2 Sep 2021

Associate Editor

ACCEPT 20 Aug 2021

Thank you very much for revising the manuscript. I think the necessary revisions have been done and the manuscript can be published in IJPBS.

Editor-in-Chief

ACCEPT 2 Sep 2021

We have completed our review of your manuscript and are pleased to inform you that it is being considered for publication in the IJPBS. Note that the publication of your article will only be finalized upon your cooperation with the editorial process.
Thank you for your fine contribution. On behalf of the Editors of IJPBS, we look forward to your continued contributions to the Journal.