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OPEN PEER REVIEW

Seasonal Variations in the Prevalence of Hypertensive Disorders of Pregnancy among Iranian Women: A Three-Year, Retrospective Study

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SUBMITTED	REVISED	ACCEPTED
8 Oct 2022	8 Aug 2022	9 May 2023

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** Referee 1, Associate Editor, Editor-in-Chief 2
2 **Revision 1** Associate Editor, Editor-in-Chief 3
Authors' reply to reviewers 4
Reviewer and editor comments 6

1 Original submission

3 comments · 22 Feb 2023 – 27 Feb 2023

Referee 1 Reviewer

MAJOR REVISION 22 Feb 2023

1- No discussion of the relationship between age and different patterns of hypertension
2- Discrepancy regarding the seasonal pattern of hypertension in different parts of the manuscript
3- There are far fewer control subjects than cases
4- Method of documenting hypertension patterns

Associate Editor

MAJOR REVISION 26 Feb 2023

Needs revision.

Editor-in-Chief

MAJOR REVISION 27 Feb 2023

Needs revision

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.

Seasonal Prevalence of pregnancy hypertension disorders and the related factors in Iranian women

Reviewer 1:
Thanks so much for your interesting article. but I have some question, and I think it can help me to evaluate your article.
1.how have you confirmed the hypertension?
Based on the information in the patients' files and the results of their tests, patients with chronic hypertension, pre-eclampsia and eclampsia were identified.
2.All of the patient have one race?
Yes, all the participants were Ilamian/Kurdish.
3.i think the title is out of date, can you check the relation of gestation hypertension with another probability risk factor?
The main body of the article is written based on this title, and changing the title can change the entire content of the article. If you have a suggestion for the title, please inform the authors.
Reviewer 2:
1- no discussion about relation of age and different patterns of hypertension.
In the discussion section, paragraph 3 is written and highlighted in green.
2- discrepancy about seasonal pattern of hypertension in parts of the manuscript
Were corrected
3- control subjects are much less than cases
Due to the lack of complete file information of the patients examined in this study, we were able to include only 260 patients as a control group.

4- method of documentation of hypertension patterns
Based on the information in the patients' files and the results of their tests, patients with chronic hypertension, pre-eclampsia and eclampsia were identified.
Reviewer 3:
Abstract :
Add the sampling method.
Was corrected
The significant level must be <0.05 not <0.5 (see the method section last line)
Was corrected
Add the statistical methods and software
Was corrected
Add the p-value and statistical index in the result section appropriately.
Was corrected
The conclusion must be set of your results. The seasonal pattern must have resulted according to time series analysis. (the patterns must be tested by use of statistical models).
Was corrected

Main body :

Add the sampling method. Was corrected
The significant level must be <0.05 not <0.5 (see the method section last line) Was corrected
Add the statistical methods and software Was corrected
Add the p-value and statistical index in the result section appropriately. Was corrected

The conclusion must be set of your results. The seasonal pattern must have resulted, according to time series analysis. (The patterns must be tested by use of statistical models). In this study, the seasonal prevalence of blood pressure disorders in pregnancy has been investigated. The results are shown in the tables. Therefore, no statistical model or pattern has been used.

Add a title for statistical methods and explain more it. In this study, the seasonal prevalence of blood pressure disorders in pregnancy has been investigated. The results are shown in the tables. Therefore, no statistical model or pattern has been used.

Descriptive statistics is not a test. Please correct it (" using descriptive statistics tests (frequency, mean, etc.)" Was corrected
Please add a p-value instead if "sig"
Was corrected
Tables must be reformatted from left to right
Was corrected

2 Revision 1

2 comments · 9 May 2023 – 9 May 2023

Associate Editor

ACCEPT 9 May 2023

accept

Editor-in-Chief

ACCEPT 9 May 2023

accept