International Journal of Endocrinology and Metabolism
Volume 20 · Issue 2 · e120867

OPEN PEER REVIEW

Physical Activity Behavior During the COVID-19 Outbreak in Individuals with Type 2 Diabetes: Role of Social Support and Other Covariates

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SUBMITTED	REVISED	ACCEPTED	DOI
22 Nov 2021	12 Apr 2022	24 Apr 2022	10.5812/ijem-120867

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 · 8 Dec 2021

Associate Editor

REJECT 8 Dec 2021

Dear EIC,
The manuscript entitled “Physical activity behavior during the COVID-19 pandemic in people with type 2 diabetes: The role of social support and other co-variates” is well written but is not good enough to be accepted for publication in the IJEM in its present form.
1- A cross-sectional design to see if COVID-19 may affect the PA levels in DM patients?!
2- We need to know what the conditions were before COVID and then discuss those during the COVID pandemic.
So, I suggest obtaining the same data from before COVID in the same population and then comparing them (if the information is not available, the authors can at least mention this in the study limitations section).
3- Moreover, I recommend English editing.
So, a new submission addressing the suggested comments is my final decision.
yours,

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.

April 12, 2022

RE: Manuscript ID: 120867, Title: "Physical activity behavior during the COVID-19 outbreak in individuals with type 2 diabetes: The role of social support and other co-variates"

Dear International Journal of Endocrinology and Metabolism

We are grateful for your consideration of this manuscript, and we also very much appreciate the reviewers for their detailed and thoughtful comments.

All the comments we received on this study have been taken into account in improving the quality of the article, and we present our reply to each of them separately.

Reviewer 1:

Although this descriptive study does not contain much new information, it does document again the lack of physical in diabetic patients. In my opinion, this report could be edited more concisely. Both in the abstract and in the main text, there are a few removable or repeated phrases.

Thank you very much for your time and consideration.
We shortened the conclusion section in the Abstract and removed the repetition.
Also, we removed some lines from the introduction part (for example, in the last paragraph, lines 68, 69, (~~Social support and psychological factors such as psychological distress and feelings of isolation have all been affected in some way during the Covid19 pandemic~~), from the discussion (for example, in the first paragraph, lines 207,208, (~~COVID-19 and social distancing has led to an increase in negative behaviors including reduction in physical activity~~), and from a few other places.

Reviewer 2:

The manuscript entitled "Physical activity behavior during the COVID-19 pandemic in people with type 2 diabetes "is a cross-sectional study that investigates determinants of physical activity among type 2 diabetic persons during the COVID-19 pandemic.
The manuscript is well written. However, these determinants are not different before and after the COVID-19 pandemic. Only this disaster aggravates physical inactivity, especially among people with diabetes. Excluding criteria does not mean the opposite of including criteria. Therefore, need revision.
I suggest the authors cite this paper: Iranian National Clinical Practice Guideline for Exercise in Patients with Diabetes published in 2021.

The manuscript is acceptable for publication in IJEM after minor revision.

Many thanks for your positive view of the paper and your accurate reading. We added your point as a limitation to our study. In fact, given the size of our sample (n=494 patients) and the difficult pandemic-related restrictions at that time in the diabetes clinic, we did not collect data on the physical activity levels of our patients corresponding to the pre-Covid-19 period. So, we were not able to compare our patients' physical activity levels with their pre-covid-19 status. So, we referred to the results of the previous studies that had been conducted before the pandemic and compared our results with them.
Moreover, we added the above- mentioned paper to our references list (Ref. no.28).

Associate editor's comments:
The manuscript entitled "Physical activity behavior during the COVID-19 pandemic in people with type 2 diabetes: The role of social support and other co-variates" is a good written one but is not good enough to be accepted for publishing in the IJEM in the present form.
1- A cross-sectional design to see if COVID-19 may affect the PA levels in DM patients?!
2- We need to know what was the conditions before COVID and then talk about that during the COVID pandemic. So, I suggest having the same data before the COVID in the same population and then, compare them (If the information is not available, you can at least mention this in the study limitation section).
3- Moreover, I recommend English editing.
So, a new submission with suggested comments is my final decision.

Many thanks for your valuable comments.

The manuscript was edited by an English language expert. These changes in the text were marked in red.

Since the questionnaires were anonymous and we did not have access to the same patients to recollect information, we added this point as a limitation to our study (highlighted in green in the text).

Sincerely,

2 Revision 1

0 comments

No public comments in this round.