

26/02/2020

Dr, Jie Wang

Editor in Chief,

World Journal of Diabetes

Review Manuscript ID:53663 "Telerehabilitation Interventions for **Type 2** Diabetes"

Dear Dr. Jie Wang

Thank you so much for the time and effort of both yourself and the reviewers in the review process and responded to each of the comments individually below with these changes presented in the manuscript in yellow highlighted typing.

Peer-review report

Reviewer #1: Firstly, this manuscript describes the harm of diabetes and the current situation of diabetes treatment, and then puts forward that telerehabilitation in diabetes may make up for the difficulties in the treatment of existing diabetes patients. Then, the author lists the concept, development, current situation and the role in rehabilitation treatment of long-distance rehabilitation. Among them, there are few researches on the role of telerehabilitation in diabetes, and the application of telerehabilitation in type I diabetes is not described. Moreover, it is mentioned that diabetic patients have low participation in remote rehabilitation and high dropout rate. In view of this problem, no solution is proposed.

Answer: *Thank you so much for all of these comments. Based on your report I had tried to clarify your suggestions in the new sections 'rehabilitation methods for type 2 diabetes' and 'Type 2 Diabetes co-morbidities and complications' and also at other sections. And I had highlighted the changes with yellow that I had made.*

Reviewer #2:

- 1- The type of diabetes should be mentioned in both title and the text.

Answer: I thank the reviewer for all of these comments.

I had mentioned the type of diabetes (type 2) in both title and the text.

- 2- It might be better that after introduction, a new subtitle would be added named "rehabilitation methods for type 2 diabetes", and in this section, the advantages and disadvantages of different rehabilitation methods and the reason of tele-rehabilitation necessity could be discussed.

Answer: A new subtitle named 'rehabilitation methods for type 2 diabetes' added to manuscript to state advantages and disadvantages of different rehabilitation methods and the reason of telerehabilitation

- 3- It might be better to differentiate "tele-health", "tele-communication" and "tele-rehabilitation".

Answer: I had tried to differentiate "tele-health", "tele-communication" and "tele-rehabilitation" terms separately in the main title "TELEREHABILITATION".

- 4- The definition of "tele-rehabilitation" and its characteristics must be explained first.

Answer: I had tried to explain "tele-rehabilitation" firstly in the title "TELEREHABILITATION".

- 5- Literature review: The search method is not clear. How many studies were found?

Answers: I did not use any statistical method to give the results because based on my literature review there is only one study about telerehabilitation in type 2 diabetes.

There were only one study that had been done and this study is clarified in the "Telerehabilitation in Type 2 Diabetes" section (Duruturk N, Özköslü MA. Effect of tele-rehabilitation on glucose control, exercise capacity, physical fitness, muscle strength and psychosocial status in patients with type 2 diabetes: A double blind randomized controlled trial. Primary Care Diabetes 2019; 13(6): 542–548

[PMID: 31014938 DOI: 10.1016/j.pcd.2019.03.007]). Other studies that had been concluded were the studies about the telehealth applications in patients with type 2 diabetes

- 6- It might be better to have a table consisting of different rehabilitation methods with advantages and disadvantages comparisons.

Answer: Thank you so much for your suggestion. I had tried to mention the advantages and disadvantages of rehabilitation methods at the new section 'rehabilitation methods for type 2 diabetes' by your advice. And I also tried to mention this issue at a new table named, Table 1 "Major benefits of exercise in individuals with diabetes"

- 7- Different stages of diabetes, co-morbidities, complications and similar factors should be explained in a separate subtitle.

Answer: A new subtitle named 'Type 2 Diabetes co-morbidities and complications' added to manuscript to state diabetes co-morbidities, complications and similar factors