

Format for ANSWERING REVIEWERS

December 17, 2015

Dear Editor,



Thank you for the two thoughtful reviews of our manuscript.
Enclosed please find the edited manuscript in word format (13738-editedbyauthors.doc).

Title: A review of telehealth interventions to reduce management complications in type 1 diabetes

Authors: Amanda M Balkhi, Adam M Reid, Sarah C Westen, Brian Olsen, David M Janicke, Gary R Geffken

Name of Journal: World Journal of Diabetes

ESPS Manuscript NO: 13738

We have addressed the reviewers comments as detailed below.

1. In-text citations have been revised as requested.
2. The corresponding author's title has been added.
3. The conflict of interest statement has been added to the manuscript.
4. Reviewer Comments have been addressed as follows:
 - a. Reviewer 1 Comment: "the authors should provide discussion and perspectives based on the comparative evidence from other groups of patients, e.g., metabolic syndrome, cardiovascular disease, stroke, etc."

Authors Response: The following was added to the manuscript: "Previous interventions have shown efficacy implementing TH for a variety of chronic conditions, including cancer, transplant recipients, heart failure, and chronic pulmonary disease [3,7-10, 12]. These interventions have shown support for TH in providing condition specific education, social support, and self management assistance. In addition, this previous work has demonstrated the wide acceptability of TH and the ability for TH interventions to reach previously underserved populations."

- b. Reviewer 1 Comment: "How do recent technologies (such as smartphone, apps on tablets, facebook, and WiFi-based CCTV) help tele-manage type 1 diabetic patients?"

Authors Response: We appreciate the reviewer's suggestion to make more explicit

our references to recent technology. Throughout the body of the manuscript, the authors address the use of smartphones and smartphone or computer based applications. We have made more explicit our references to social media by adding an explicit reference to Facebook in the Psychosocial section. Unfortunately, to our knowledge the Type 1 Diabetes literature does not expressly detail the use of tablet-based applications (as opposed to smartphone or computer-based applications) or wireless CCTV; as such, we are unable to include Type 1 Diabetes-specific information regarding these technologies. We have also added a statement to our conclusions to explicitly mention the need for tablet inclusion.

- c. Reviewer 1 Comment: "The authors may discuss the guideline/direction for future development of specific tools/apps for diabetic monitoring, and how to make them more incentive in order to prevent patient attrition and poor compliance. Regarding the security and privacy, they may be solved by many security features and software in smartphones as well as regulations of network providers"

Authors Response: We have enhanced the future directions of the manuscript by more explicitly addressing attrition and adding a sentence regarding technological and security implications.

- d. Reviewer 2 Comment: "the manuscript must be revised; it is too much long and sometimes repetitive."

Authors Response: We appreciate the reviewer's feedback. We have attempted to streamline and revise the manuscript throughout. We open any additional feedback regarding areas in which we could remove repetitive content or streamline the manuscript.

- e. Reviewer 2 Comment: "The text about caring for diabetes and its complications can be summarized as this is not the aim of this article."

Authors Response: We have revised and shortened the information regarding disease management and complications.

- f. Reviewer 2 Comment: "Most importantly it should be drawing attention to new technologies in the field of self-monitoring of diabetes that keep coming to the market improving and facilitating diabetes control."

Authors Response: While we appreciate the reviewer's suggestion to add more attention to specific technologies, the scope of the review is to more broadly describe the types of consumer interventions that integrate with telehealth technology.

Thank you again for your consideration.

Sincerely,

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Adam M. Reid, M.S.

Sarah C. Westen, M.S.

Brian Olsen, Ph.D.

David M. Janicke, Ph.D.

Gary R. Geffken, Ph.D.