

Dear Editor,

thank you for your letter and the possibility of submitting our revised manuscript titled "Fear of hypoglycemia, a game changer during physical activity in type 1 diabetes mellitus (T1DM) patients" by Maja Cigovski Berkovic *et al.* for consideration for publication in the *World Journal of Diabetes*.

We have carefully considered the reviewers' and editor's comments and revised the manuscript accordingly. The changes are marked **in red**. Please find below the answers to the specific reviewer's comments.

Reviewer#1: *Specific Comments to Authors: The study has importance to understand a summary of available literature regarding FoH in children and adults and available tools to avoid it. As written in the current study, exercise physiology and the different effects aerobic, anaerobic, resistance training and HIIT have on glycemic levels can minimize the risk of hypoglycemia and improve T1DM management, especially in the setting of new technology and improved insulin on board. Besides, they also presented the potential mechanisms which can be used to minimize the hypoglycemia frequency and therefore also the fear of hypoglycemia in order to help T1DM reach the proposed physical activity levels and improve physical and psychological health. I considered the authors had made a successful work if they maybe use meta-analysis to combine the results of multiple scientific studies.*

Thank You for Your kind comment and Your suggestion. The conception and design of this narrative review are to summarize the current knowledge on the possibilities of how to minimize hypoglycemia and fear of hypoglycemia and how to develop strategies to make the physical activity safer and, therefore, widely used in T1DM patients. Due to its original design, the meta-analysis proposed, does not fit in the current concept. However, this is an excellent idea which we plan to explore further, focusing on a specific segment of fear of hypoglycemia in the context of physical activity and T1DM.

We corrected several typos and additionally revised the manuscript for grammar and language, which now hopefully meets the language requirements.

We are grateful to the reviewer for the kind comments and the suggestion. We hope that the revised version will meet the journal's requirements and be suitable for publication in *World Journal of Diabetes*.

Thank you again for the privilege of submitting our work to *World Journal of Diabetes*.

Sincerely,

Maja Cigovski Berkovic, MD, PhD