Dear Editor:

Thank you for appraising our manuscript (Manuscript ID No. 92310) for publication in the World Journal of Diabetes. The suggestions were helpful. I revised the manuscript per your suggestions and used an English language editing service. All changes are highlighted in yellow. I look forward to working with you and the reviewer to move this manuscript closer to publication. My point-by-point responses to the comments are shown below.

Sincerely,

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Reviewer:

Comments to the Author

1. Abstract and Core Tip: These sections effectively summarize the key points, though the abstract could briefly mention the controversy or inconsistency in research findings on pancreatic fat and β-cell function to hint at the complexity of the subject.

Response: Thank you for the suggestion. The contradictory findings on the relationship between intrapancreatic fat deposition and β-cell function were described in the text.

2. Introduction: The introduction clearly defines T2D remission and sets the stage for discussing the role of pancreatic fat. Incorporating the Taylor twin-cycle hypothesis offers a solid theoretical framework. It might be beneficial to briefly discuss the physiological role of β-cells and first-phase insulin response for readers less familiar with the topic.

Response: Thank you for the suggestion. I discussed β-cell functions and first-phase insulin response in the introduction.

3. Intra-Pancreatic Fat Deposition and β-Cell Function: This section adeptly reviews the literature, highlighting both supporting and conflicting studies on the relationship between pancreatic fat and β-cell dysfunction. Mentioning the methodological differences that might contribute to inconsistent results (e.g., MR Dixon imaging) is crucial. However, it would strengthen the argument to discuss potential mechanisms linking pancreatic fat deposition to β-cell dysfunction more explicitly.

Response: Thank you for the comment. I discussed potential mechanisms linking pancreatic fat deposition and β-cell dysfunction.

4. Clinical Implications: This section makes a strong case for early diagnosis and treatment, emphasizing the utility of pancreatic imaging. It might be enhanced by discussing potential challenges or limitations in implementing routine pancreatic imaging in clinical practice, such as cost, accessibility, or the need for standardized quantification methods.

Response: Thank you for the reminder. I added a statement on the content of the challenges of implementing routine pancreatic imaging in clinical practice.

5. Conclusion: The conclusion effectively summarizes the editorial's main points and reiterates the importance of addressing T2D remission. It could be further strengthened by briefly suggesting directions for future research, such as exploring interventions that specifically target pancreatic fat reduction.
Response: I suggested directions for future research per your suggestion.

Editor's comments:

1. Advantages and disadvantages: The introduction clearly defines T2D remission and sets the stage for discussing the role of pancreatic fat. Incorporating the Taylor twin-cycle hypothesis offers a solid theoretical framework. It might be beneficial to briefly discuss the physiological role of β-cells and first-phase insulin response for readers less familiar with the topic. Intra-Pancreatic Fat Deposition and β-Cell Function: This section adeptly reviews the literature, highlighting both supporting and conflicting studies on the relationship between pancreatic fat and β-cell dysfunction. Mentioning the methodological differences that might contribute to inconsistent results (e.g., MR Dixon imaging) is crucial. However, it would strengthen the argument to discuss potential mechanisms linking pancreatic fat deposition to β-cell dysfunction more explicitly.

Response: Thank you for the helpful suggestions. Underlying mechanisms were discussed as requested.

2. Language evaluation: The English-language grammatical presentation needs to be improved to a certain extent. Before final acceptance, the authors must provide the English Language Certificate issued by a professional English language editing company.

Response: I used an English language editing service and provided an English Language Certificate (attached).

3. Specific comments: Please provide the filled conflict-of-interest disclosure form.

Response: The conflict-of-interest disclosure form was filled (attached).