

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Diabetes*

**Manuscript NO:** 76379

**Title:** COVID-19 associated diabetes mellitus: A review

**Provenance and peer review:** Invited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 06257040

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

**Reviewer's Country/Territory:** Uganda

**Author's Country/Territory:** India

**Manuscript submission date:** 2022-03-14

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-03-16 06:59

**Reviewer performed review:** 2022-03-29 20:35

**Review time:** 13 Days and 13 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

Conflicts-of-Interest: [ ] Yes [Y] No

## **SPECIFIC COMMENTS TO AUTHORS**

The abstract was shallow, make it 300-500 words. include the methods section and recommendations too. do install Grammarly to improve the grammar

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**Provenance and peer review:** Invited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 06205768

**Position:** Editorial Board

**Academic degree:** BCPS, MSc

**Professional title:** Chief Pharmacist

**Reviewer's Country/Territory:** Saudi Arabia

**Author's Country/Territory:** India

**Manuscript submission date:** 2022-03-14

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-03-30 15:28

**Reviewer performed review:** 2022-04-11 09:28

**Review time:** 11 Days and 18 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input checked="" type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer</b>	Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous

statements

Conflicts-of-Interest: [ ] Yes [Y] No

#### **SPECIFIC COMMENTS TO AUTHORS**

Comments to Author : The review is good, organized, and comprehensive. "COVID-19 associated Diabetes Mellitus" as terminology was mentioned in the title and frequently in the discussion, while "new-onset diabetes in many COVID-19 patients" in keywords and abstract. The review used other terminologies, "COVID-19 related Diabetes" and "COVID-19 induced Diabetes Mellitus". The authors should clarify the different terminology by definitions and be consistent and clarify if it is interchangeable to avoid confusion and misleading. Page 2, line 19, needs a space between "effect of". page 5, line 8, remove exuberant ( not common to use exuberant as described in the literature for cytokine storm ) Page 5, line 18, remove diabetic ketoacidosis and use (DKA) Page 7, lines 1to 15. While the review appears to be clear and comprehensive, this part has multiple phrases circulating the same point making it difficult to follow. I advise the authors to rewrite the paragraph in a way focusing on diabetic COVID-19 vs non-diabetic COVID-19 patients. Page 9, lines 16 to 18. the statement is unclear since DKA is a medical emergency that needs to be treated regardless of its etiology.

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**Peer-review model:** Single blind

**Reviewer's code:** 05382654

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Associate Chief Physician

**Reviewer's Country/Territory:** China

**Author's Country/Territory:** India

**Manuscript submission date:** 2022-03-14

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-03-30 13:05

**Reviewer performed review:** 2022-04-15 01:19

**Review time:** 15 Days and 12 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

statements

Conflicts-of-Interest: [ ] Yes [Y] No

## SPECIFIC COMMENTS TO AUTHORS

This mini-review mainly discussed the bi-directional relationship between SARS-CoV-2 and diabetes, various associated risk factors, and possible mechanism, clinical outcome, associated morbidities and various treatment options in the management of COVID-19 associated diabetes mellitus, which provide a certain reference value for clinicians and scientists in clinical application and relevant research fields. However, below some revisions are still needed before being published in World Journal of Diabetes. 1. Please refer to recent papers published in World Journal of Diabetes and correct the format. In page 2, "ABSTRACT", "KEYWORDS", and "Core tip:" should be changed to "Abstract", "Key Words", and "Core Tip:". Additionally, the first letter of all key words should be capitalized. In page 2, "Covid-19" should be changed to "COVID-19". Other places should be modified accordingly. In page 13, "CONCLUSION:", "AKNOWLEDGEMENTS:", and "REFERENCES:" should be changed to "CONCLUSION", "AKNOWLEDGEMENTS", and "REFERENCES". 2. It is suggested that the spaces between words in the whole text should be carefully checked. 3. In figure legends, all abbreviations should be given in full text according to the journal's requirements, such as DM: ?; anti-GAD: ?; FBG?; PPBG?; HbA1c?. In page 20, "Table 1:" should be changed to "Table 1". In page 21, "Figure 1:" should be changed to "Figure 1". 4. In reference 1, "[Internet]. Geneva World Health Organization, 2020" should be changed to "[cited 14 March 2022].In: Geneva World Health Organization? [Internet]". In reference 2, "762-73" should be changed to "762-773". Other pages should be modified accordingly. In reference 4, "Available from: <http://www.ncbi.nlm.nih.gov/pubmed/32469464>" should be deleted. Please check other references including content and format carefully according to the journal's



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requirements. Other suggestions have been listed in the uploaded revised version by an email attachment.

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

**Name of journal:** *World Journal of Diabetes*

**Manuscript NO:** 76379

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**Provenance and peer review:** Invited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 05382654

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Associate Chief Physician

**Reviewer's Country/Territory:** China

**Author's Country/Territory:** India

**Manuscript submission date:** 2022-03-14

**Reviewer chosen by:** Kai-Le Chang

**Reviewer accepted review:** 2022-05-26 04:24

**Reviewer performed review:** 2022-05-27 15:40

**Review time:** 1 Day and 11 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No





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#### **SPECIFIC COMMENTS TO AUTHORS**

My previous comments have been reasonably responded. However, below some minor revisions are still required before being published in World Journal of Diabetes. 1. Please refer to recent papers published in World Journal of Diabetes and correct the format. In title, "Diabetes Mellitus: A Review" should be changed to "diabetes mellitus: A review". In page 1, Gavkare AM et al. should be added before the running title "COVID-19 associated diabetes". In page 4, one of two INTRODUCTION should be deleted. In page 13, "CONCLUSION AND RECOMMENDATIONS" should be deleted. 2. In reference 1, "1 ." should be changed to "1", and "WHO" should be bold. In reference 48, "48 ." should be changed to "48", and "U.S. National Library of Medicine" should be bold. "Accessed on 28 Feb 2022. Available from" should be changed to "[cited 28 Feb 2022]. Available from:". Other references (such as 49, 50, 52, and 53) should be modified accordingly. Other suggestions have been listed in the uploaded revised version.