

PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

Manuscript NO: 48967

Title: Diabetic cardiomyopathy: Pathophysiology, theories and evidence to date

Reviewer's code: 02446627

Position: Editorial Board

Academic degree: FACC,FACP,MD,MPhil,N/ A

Professional title: Associate Professor,Doctor

Reviewer's country: United States

Author's country: United Kingdom

Reviewer chosen by: Jin-Lei Wang

Reviewer accepted review: 2019-05-20 03:06

Reviewer performed review: 2019-05-20 19:52

Review time: 16 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Very detail review. This detail review can be a systemic review but is not following the



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format minor language polishing need to be done Illustrations are nice

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
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- ☐ Plagiarism
- ☐ No

BPG Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

Manuscript NO: 48967

Title: Diabetic cardiomyopathy: Pathophysiology, theories and evidence to date

Reviewer's code: 03460306

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Assistant Professor

Reviewer's country: Japan

Author's country: United Kingdom

Reviewer chosen by: Jin-Lei Wang

Reviewer accepted review: 2019-05-20 04:10

Reviewer performed review: 2019-05-21 04:56

Review time: 1 Day

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input checked="" type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This is a review article regarding diabetic cardiomyopathy. The topic is currently a hot

field and of interest. The manuscript was written well. 1. The manuscript was focused on the pathophysiology such as metabolic, structural and functional changes in patients with T2D. On the other hand, section regarding therapeutic strategy seems a little short. They mentioned SGLT2 inhibitors and GLP-1 agonists but the other possible therapeutic strategies for diabetic cardiomyopathy based on the pathophysiology should also be mentioned. 2. Mechanisms by which GLP-1 agonists improve CV outcomes should be discussed. 3. Page 20. DECLARE-TIMI 58 trial included both primary and secondary prevention of CVD. Thus, the sentence “the patients in these studies had established cardiovascular disease” should be corrected. 4. The authors limited the topics on T2D. It will be useful if the authors could briefly mention common and distinct mechanisms of cardiomyopathy between T1D and T2D. 5. Page 19. A reference should be needed for the sentence “A meta-analysis of 37,299 people with T2D data from ... on HF related outcomes”. 6. There are misspellings in the figures. Please check and correct.

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