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PEER-REVIEW REPORT

Name of journal: World Journal of Cardiology

Manuscript NO: 50324

Title: Diagnosis and treatment of heart failure with preserved left ventricular ejection fraction

Reviewer's code: 02565578

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Assistant Professor

Reviewer's country: Italy

Author's country: United States

Reviewer chosen by: Li-Jun Cui (Quit in 2019)

Reviewer accepted review: 2019-07-19 10:53

Reviewer performed review: 2019-07-22 09:42

Review time: 2 Days and 22 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 type="checkbox"/> Grade B: Minor language	(High priority)	<input type="checkbox"/> Anonymous
<input 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 type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The Author describes the current state of art in the field of heart failure with preserved ejection fraction (HFpEF). The first part of the manuscript is dedicated to the pathophysiology of the HFpEF. This part actually sets the present manuscript apart from similar publications. It is relevant to the topic of the manuscript and comprehensive. The second part, however, raises some concerns as to the content. The Author rarely refers to the current AHA/ACC guidelines and his statements sometimes differ from those recommendations. For instance, according to AHA guidelines from 2017, "measurement of BNP or NT-proBNP is useful to support a diagnosis or exclusion of HF in patients presenting with dyspnea, especially in the setting of clinical uncertainty"; the Author states that "currently, the measurements of natriuretic peptides and troponins are recommended for the diagnosis and the prognosis of patients with heart failure", citing the outdated reference that is not authoritative. Similar problems regard also other topics discussed in the manuscript. I admire the fact that the authors analyzes and incorporates the findings from recent clinical trials while recommending diagnostic procedures and treatment of patients with HFpEF, but the question remains whether the Author should make these recommendations. Until the update from AHA/ACC is published, those findings should be considered suggestions and described as such. At present, the perspectives or particular cases are indistinguished from the current standard (the level of recommendation is not specified) and it may confuse the readers. The organization of topics related to diagnosis and treatment is slightly flawed. For instance, the part "General pharmacology treatment of patients with HFpEF" could precede the part "Treatment of patients with HFpEF with obesity, hypertension, and atrial fibrillation". An article with the same title as the running title of the submitted manuscript was published in *Circ Res* 2014;115(1). The search engines will direct interested readers to that and other similar articles rather than to the present article.



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INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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

BPG Search:

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

PEER-REVIEW REPORT

Name of journal: World Journal of Cardiology

Manuscript NO: 50324

Title: Diagnosis and treatment of heart failure with preserved left ventricular ejection fraction

Reviewer's code: 00227375

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Doctor

Reviewer's country: Japan

Author's country: United States

Reviewer chosen by: Li-Jun Cui (Quit in 2019)

Reviewer accepted review: 2019-07-19 10:07

Reviewer performed review: 2019-07-22 11:13

Review time: 3 Days and 1 Hour

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input checked="" 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 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



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This is an excellent systematic review about the diagnosis and treatment of HFpEF. This manuscript is nicely structured and well written. I have no question about this manuscript.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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

BPG Search:

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