

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Cardiology

**Manuscript NO:** 60210

**Title:** Frailty, sarcopenia and cachexia in heart failure patients: different clinical entities of the same painting.

**Reviewer's code:** 05372581

**Position:** Editorial Board

**Academic degree:** MD

**Professional title:** Assistant Professor

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

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

**Manuscript submission date:** 2020-10-20

**Reviewer chosen by:** Ya-Juan Ma

**Reviewer accepted review:** 2020-10-29 14:18

**Reviewer performed review:** 2020-10-30 13:41

**Review time:** 23 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 Grade E: Do not publish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 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**

This review article suggests Frailty, sarcopenia and cachexia in heart failure patients: different clinical entities of the same painting. In general, this article bears significance and innovation. I recommend major revision for this article. The following comments are provided for the authors' consideration before accept. 1. For a better understanding of background and discussion, please cite the following literature in appropriate sites throughout the manuscript before accept. PMID:27815596, 31632964, 31737623 2. There are some spelling mistakes and format errors. 3. Can authors cite some clinical studies e.g. RCT or cohort studies for better elucidation?

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Cardiology

**Manuscript NO:** 60210

**Title:** Frailty, sarcopenia and cachexia in heart failure patients: different clinical entities of the same painting.

**Reviewer's code:** 02469584

**Position:** Editorial Board

**Academic degree:** MD, MSc, PhD

**Professional title:** Associate Professor, Senior Scientist

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

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

**Manuscript submission date:** 2020-10-20

**Reviewer chosen by:** Ya-Juan Ma

**Reviewer accepted review:** 2020-10-29 10:50

**Reviewer performed review:** 2020-11-04 12:12

**Review time:** 6 Days and 1 Hour

<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 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

## **SPECIFIC COMMENTS TO AUTHORS**

The present manuscript is a well-written mini-review covering clinically important aspects of cachexia, sarcopenia and frailty in patients with heart failure. All of the important consequences and associated conditions of this syndrome are described in an appropriate way for such an article type. This version of the manuscript has also been well adapted according to previous peer-reviews. I have only few minor objections. 1. It would be much easier to read the text if it is divided into appropriate paragraphs. Also, putting a number of commas throughout the text will make an additional improvement; the text could be rechecked by a native speaker. 2. The term “6-minute walk test” for the first time appears in the middle of page 6 (there is no page numbers!), but the abbreviation is provided 9 rows below. Moreover, it seems that there is no need for this abbreviation. In addition, all abbreviations must be checked up because it seems that many of them are not explained. Does HT mean heart transplantation? Why “Heart Transplantation” and “Literature” stands with capital letters? 3. The authors mentioned the role of testosterone as a possible therapeutic agent, but this hormone may play a role in the pathophysiology of this syndrome as well. In addition, growth hormone, ghrelin, thyroid hormone and insulin, may also play some role in this syndrome, so all those hormones should be briefly mentioned.

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

**Name of journal:** World Journal of Cardiology

**Manuscript NO:** 60210

**Title:** Frailty, sarcopenia and cachexia in heart failure patients: different clinical entities of the same painting.

**Reviewer's code:** 05372581

**Position:** Editorial Board

**Academic degree:** MD

**Professional title:** Assistant Professor

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

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

**Manuscript submission date:** 2020-10-20

**Reviewer chosen by:** Jia-Ru Fan

**Reviewer accepted review:** 2020-11-26 06:09

**Reviewer performed review:** 2020-11-26 06:17

**Review time:** 1 Hour

<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>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

## SPECIFIC COMMENTS TO AUTHORS

For Review 1's comments: 1) I put in the appropriate sites the references. I failed to found one of them in the references. The authors shall be practical and realistic as they said.

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

**Name of journal:** World Journal of Cardiology

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**Title:** Frailty, sarcopenia and cachexia in heart failure patients: different clinical entities of the same painting.

**Reviewer's code:** 02469584

**Position:** Editorial Board

**Academic degree:** MD, MSc, PhD

**Professional title:** Associate Professor, Senior Scientist

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

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

**Manuscript submission date:** 2020-10-20

**Reviewer chosen by:** Jia-Ru Fan

**Reviewer accepted review:** 2020-11-27 10:06

**Reviewer performed review:** 2020-11-27 19:30

**Review time:** 9 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" 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 type="checkbox"/> Grade B: Minor language polishing <input checked="" type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
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<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

## SPECIFIC COMMENTS TO AUTHORS



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I have no further objections.