Reviewer’s report

Title: Impact of diabetes on sarcopenia and mortality in patients undergoing hemodialysis

Version: 2 Date: 10 Dec 2018

Reviewer: Mary Hickson

Reviewer's report:

thank you for responding so clearly to all my comments and suggestions. There are two that remain in need of attention prior to publication:

Line 104 - The measures against sarcopenia in patients undergoing HD may be able to write the book.

I don't understand this line

Line 137 - I asked - how was dry weight determined? You replied - Basically, attending doctors determined dry weight in each patient, considering physical symptoms such as edema, blood pressure etc., the value of human atrial natriuretic peptide (hANP) more recently, and cardiothoracic ratio evaluated by chest X-Ray in Japan.

This is still a very vague explanation. As far as I can gather, you will have weighed the patient prior to DEXA, which was 21-24 hrs after dialysis and this would have been regarded as dry weight. If this is correct, why not just say this: Each participant was weighed and then underwent whole-body DXA scanning

If these two minor corrections are made I recommend for publication.

Please confirm that you have included your review in the ‘Comments to Author’ box?

As a minimum standard, please include a few sentences that outline what you think are the authors’ hypothesis/objectives, their main results, and the conclusions drawn. Your report should constructively instruct authors on how they can strengthen their paper to the point where it may be acceptable for publication, or provide detailed reasons as to why the manuscript does not fulfill our criteria for consideration. Please supply appropriate evidence using examples from the manuscript to substantiate your comments. Please break your comments into two bulleted or numbered sections: major and minor comments.

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**Are the methods appropriate and well described to allow independent reproduction of experiments?**
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NA

**Are you able to assess the statistics?**

- Are the statistical test(s) used in this study appropriate and well described?

- Is the exact sample size (n) reported for each experimental group/condition (as a number, not a range)?

- Are the description of any error bars and probability values appropriate?

- Are all error bars defined in the corresponding figure legends?

- Has a sample size calculation been included, or a description and rationale about how sample sizes were chosen?

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**Are the conclusions drawn adequately supported by the data shown?**
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