Reviewer’s report

Title: Correlation between the Charlson comorbidity index and skeletal muscle mass/physical performance in hospitalized older people potentially suffering from sarcopenia

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Reviewer: Shu-Fang Chang

Reviewer's report:

This is an interesting manuscript BGTC-D-19-00050 R2 title "Correlation between the Charlson comorbidity index and sarcopenia in hospitalized older people". However, some revisions were needed.

First, authors explained the sampling process was according to the inclusion and exclusion criteria and 168 eligible patients were finally screened out as Fig. 1. However, authors should calculate this sample size met the statistical power.

Second, on page 5, authors used Asian Working Group for Sarcopenia (AWGS) reliable test for sarcopenia [17], physical function is generally evaluated on the basis of the individual's gait speed and the established cut-off value for normal gait speed. However, sarcopenia is considered when low muscle strength, low muscle quantity/quality and low physical performance are all detected. Although authors had put lack of skeletal muscle strength data as one of limitations, I think this study was not for sarcopenia.

Finally, authors used criteria of sarcopenia by Asian Working Group for Sarcopenia (AWGS) reliable test for sarcopenia but only met part of them. The topic and content need revised.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

No

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
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No

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I am able to assess the statistics

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