Reviewer's report

Title: Long-term Morbidities in Stroke Survivors: A Prospective Multicenter Study of Thai Stroke Rehabilitation Registry

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Reviewer: Masahiro Kamouchi

Reviewer's report:

The authors investigated the incidence and risk factors of stroke-related complications. These data are interesting and important to understand post-stroke complications. However, there are several concerns in the present form.

1. The number of patients was too small. Much larger population must be needed to estimate the incidence of each complication, especially rare one. Additionally, a considerable number of data were lacking or not followed up. Please increase the number of the subjects to identify factors associated with these complications.

2. Stroke related complications included various types of morbidities. However, the authors included all of them into single variable as “complication”. The association analysis should be done for each major category of complications.

3. What did the authors intend to show in Table 3? It would be better to show the frequency of patients who suffered from the complication at 12 months among those with and without the same complication at discharge.

4. The authors identified factors associated with complications after 1 year using forward stepwise method. However, there was multi-collinearity among these complications. The authors should reconsider the variables and revise multivariate model.

5. Table 2 is not necessary. These data should be included in the text instead of Table.

6. How did the authors determine cut off values for some scores, such as anxiety and depression? Please explain them.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Needs some language corrections before being published

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:
I declare that I have no competing interests.