Reviewer’s report

Title: Evaluation of microstructural changes in spinal cord of patients with degenerative cervical myelopathy by diffusion kurtosis imaging and investigate the correlation with JOA score

Version: 0 Date: 14 Feb 2020

Reviewer: YanCarlos Ramos Villegas

Reviewer's report:

Dear authors,

The changes in the cervical spinal cord directly impact the prognosis of our patients, in addition, these are often not picked up by MRI, so it is vital to obtain new tools that reduce the presence of false negatives. I consider the subject to be quite interesting, however some adjustments are necessary:

Page 2, line 13: there is redundancy when mentioning "and DKI metrics"
Page 2 line 56: there is no description of the acronym "FA" or "MD"
Page 3 line 18: "gray matter" was mentioned on line 11, therefore the acronym "GM" must be changed position
Page 4 line 50: Table 1 is not cited in the text. In addition, the description does not correspond to the findings described in Table 2.
Page 4 line 56. In the annexes there is no table 3.
Page 5 line 16. Describe findings found in the "previous reports" to enrich the discussion
Page 5 line 20. Describe findings found in the "previous reports" to enrich the discussion
Page 5 line 27. Mention statistical values of the mentioned studies

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

Yes

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

No

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics
Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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