Reviewer’s report

Title: What is the Difference in Morphologic Features of the Lumbar Vertebrae Between Caucasian and Taiwanese Subjects? A CT-based Study: Implication of Pedicle Screws Placement via Roy-Camille or Weinstein Methods

Version: 3 Date: 11 Aug 2018

Reviewer: Harvinder Singh Chhabra

Reviewer’s report:

Q. Are the methods appropriate and well described?

A. The authors should describe the method of estimating the sample size. An epidemiological study with 52 males and 38 females seems less convincing without detailed statistical data. It will be helpful to know the detailed statistics of the study and adding it to the manuscript before coming to the conclusion.

The authors have not made it clear about the place where the study has been conducted. If the study has been carried out at a single centre in Taiwan, unless the patients had come from all over Taiwan, is difficult to understand that how a single centre could represent the entire Taiwanese population.

Q. Are the conclusions drawn adequately supported by the data shown?

A. An epidemiological study with 52 males and 38 females seems less convincing without detailed statistical data. We understand that the authors have mentioned this as a weakness of their study, however this is an important aspect which needs to be justified before making a conclusion about the Taiwanese population and their comparison with Caucasians.

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?
If not, please explain in your comments to the authors.

No
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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