Reviewer’s report

Title: How Does the Sagittal Spinal Balance of the Scoliotic Population Deviate from the Asymptomatic Population?

Version: 0 Date: 14 Oct 2017

Reviewer: Sabrina Donzelli

Reviewer’s report:

The topic is interesting and well addressed by the authors. I have some comments before considering it for publication:

It is not clear to me why you set a 25° Cobb threshold to define the included sample. Why they used bending radiograph and not the standing PA projection? Why you used this threshold and not the 30° considered for avoiding problems in adulthood?

In the discussion section you state that the deformity in the coronal plane influences the sagittal plane deformity, in this view the surgical correction must take into account both planes, can you explain better in which way you think that your finding are able to enrich the current knowledge and how clinician will be able to take advantage of these finding? Please state it clearly in the discussion.

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.

Yes

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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