Reviewer's report

Title: Case report: orthotic treatment of adult scoliosis patients with chronic back pain

Version: 3 Date: 11 August 2014

Reviewer: Fabio Zaina

Reviewer's report:

Overall, the paper has improved. There are still some changes that should be made to give further informations to the reader. A general part has been added, but should be splitted and better positioned to follow the usual order and structure of a scientific article.

Major revisions:
Please provide some references for the first 3 paragraph of the introduction.
in the purpose paragraph, remove the second sentence, since it's not correctly positioned. It could be eventually moved to the end of the discussion.
The background section is part of the introduction, and should be moved there, before the "purpose".
The section "discussion" should be moved before the "conclusion", and should include also a comparison of the data from this study with the actual literature.
In the results of patient 1, it's stated that the sagittal profile improved. Was this measured somehow? Or is this sentence based only on the evaluation of the physician? Please give details.
The sections "methods" and "results" don't seem related to the 2 case reports, but seem to deal with other data. This is confusing for the readers, since this was supposed to be a case report. I suggest the author to remove this part, and use these data for a further publication.
About the graphs, what do they refer to? The case report or the other population?

Level of interest: An article of importance in its field

Quality of written English: Acceptable

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