Reviewer's report

Title: A new brace treatment similar for adolescent scoliosis and kyphosis based on restoration of thoracolumbar lordosis. Radiological and subjective clinical results after at least one year of treatment.

Version: 1 Date: 10 April 2012

Reviewer: Yan Wang

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As an option of the treatment of mild spinal deformity, brace show enhearten result. However, the design rationale of previous brace is using the indirect extrinsic strength through bony thorax and/or pelvis to stop scoliosis progression, therefore, the apex of the lumber curve cannot be performed the strength, so it is not suitable to treat lumber curve with brace. It is a beneficial job to improve this technique. The quality of the English written is acceptable, the method is appropriate and well described, the statistical analysis is correct, and the discussion and conclusions are well balanced and adequately supported by the data. I think this paper is valuable and worth to be published in Scoliosis.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests