Reviewer’s report

Title: A specific scoliosis classification correlating with brace treatment: description and reliability

Version: 2 Date: 4 November 2009

Reviewer: Toru Maruyama

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Major Compulsory Revisions

1) page 8, according the SRS terminology: There are no "fractioned" nor "functional" curve in the SRS Revised Glossary of Terms, 2009. "Compensatory" and "non-strutual" may be more adequate.

2) Figure 2 and Figure 3: It is very confusing that "Clinical Criteria" for the B2 and C2 are completely same. If this is correct, it is difficult to distinguish some four couves and non three-non four curves by a direct observation. It seems to me that pelvis is centered and trunk is balanced in the C2 curve.

Minor Essential Revision

Figures 9 to 18 seem to be the figures for the Appendix 1. Can the authors improve the quality of some figures?

Level of interest: An article whose findings are important to those with closely related research interests

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.

Toru Maruyama