Reviewer's report

Title: SEAS (Scientific Exercises Approach to Scoliosis): a modern neurophysiological evidence based approach to exercises for idiopathic scoliosis

Version: 3 Date: 9 February 2014

Reviewer: Jean Claude de Mauroy

Reviewer's report:

I read with great pleasure this second version which details the method accurately.

Minor Essential Revisions

The results are presented as a review of previous publications, which, however, could be grouped under a table to avoid the reader to refer systematically to previous articles.

If I understand well, the plan is as follows:

Introduction - History

Theoretical principles: Stabilization, SEAS active self-correction, SEAS concepts (?)

Objectives of SEAS exercises (?): Objective 1, Objective 2

SEAS control: the four questions, Learning self-correcting

Examples of outlines for a succession of two SEAS exercises: basic exercise & advanced

Practical issues: Protocol, Postural characteristics, Patient assessment to choose exercises, Scoliosis manager

Discussion: Strengths of the Seas approach, Results published in the scientific literature

Conclusion

If this is correct, it should be useful to modify a little the plan.

Discretionary Revisions

In my version, there is some “carriage return” to control (page 4)

I wonder if the verb “to stimuli” exists

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