Reviewer's report

Title: Biomechanical comparison of different combinations of hook and screw in one spine motion unit- an experiment in porcine model

Version: 1 Date: 23 December 2013

Reviewer: Jochen Obernauer

Reviewer's report:

The authors report a simple but well performed study that evaluates the use of different stabilization systems (screw vs. hook) in a porcine model in a biomechanical manor. The question posed by the authors is well defined and the methods are clearly described.

Data adheres to the relevant standards for reporting; discussion and conclusion are well balanced and are adequately supported by the data and I think there are no additional limitations that should be mentioned. Title and abstract match with what have been found and except some mistakes within spelling and typing the writing is acceptable. The article should be published!

Minor comments:
Spelling has to be corrected!! For example: Background, 2nd paragraph ("dose not go into the neural foramen...")

Minor Essential Revisions: Spelling and typing!!!

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

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.