Reviewer's report

Title: Sensory response following knee joint damage in rabbits

Version: Date: 2 14 December 2013

Reviewer: Jochen Baumeister

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Minor Essential Revisions

The paper has improved after the revision and I believe it is an important work in terms of closing the gap of knowledge in afferent sensory changes after ACL injury, but I still have some minor concerns:

2 METHODS

Even if you have provided table 1 you have not commented on baseline measures before treatment. Please mention this in the limitations section at the end of the paper if you do not have these measures.

3 RESULTS

Please have an own section for RESULTS (#7, 121-128)

4 DISCUSSION

Parts of the discussion are not based on the results. I suggest to delete some parts (see below):

(#8, 159) you argue that “the presence of inflammation, swelling and instability may be a source of increased sensory information in rabbits after reconstruction. In #11, 214-220 you state that there is no inflammation, pain or changes in behavior in the animals at the time of measures. Therefore I am confused about your argumentation. Please delete or rephrase

(#9, 160-176) This section is not based on the results, but only on speculations. Please delete.

(#10, 183-195) This section is not based on the results, but only on speculations. Please delete.

(#11, 211) change “…study are the basis…” in “…study may be the basis…”

(#11, 220) please include a limitations section (see METHODS)

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.