Reviewer’s report

Title: Vestibular signal processing in a proprioceptively deafferented subject: The case of sitting posture

Version: 2 Date: 18 June 2007

Reviewer: Helga Hirschfeld

Reviewer’s report:

General
This is an interesting, well conducted study giving specific insight in the postural control organisation of independent sitting in a subject with proprioceptive deafferentiation. The the paper is well written.

Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached)

Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)

Only minor comments

Title: The title should be changed to “Vestibular signal processing in a subject with somatosensory deafferentiation” or something similar. Because as in the introduction mentioned, the subjects lacks besides proprioceptive information also in information from skin afferents.

In the introduction move the description of the two methods for testing the contribution of vestibular information to the methods section and instead make clearly the two aims that require the two methods.

Discretionary Revisions (which the author can choose to ignore)

What next?: Accept after minor essential revisions

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
Helga Hirschfeld