Reviewer's report

Title: Relationships between the Foot Posture Index and foot kinematics during gait in individuals with patellofemoral pain syndrome

Version: 1 Date: 9 November 2010

Reviewer: Tine Willems

Reviewer's report:

This is a well written paper over a well planned and well conducted study. The subject is of importance to the field of PFPS and gait analysis.

The question posed by the authors is new and relevant.

The authors have used good methods. The methods are well described. However, not all markers which are presented in figure 1 are described in the procedures. Please add the description and function of all markers (Minor Essential Revision).

The discussion and conclusion is well balanced and adequately supported by the data.

The current title does not reflect that this study was conducted in two groups. I would suggest to change the title into ‘relationship between the foot posture index and foot kinematics during gait in individuals with PFPS and controls’ (Discretionary Revision). This will allow readers to know upfront that also data of controls will be presented in this paper.

To improve table 2, I would suggest to add also the mean values and SD of the measured kinematic variables for both groups (Discretionary Revision).

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.