Reviewer's report

Title: The effects of twelve weeks knee-specific training on knee kinematics and kinetics during gait, step and hop in male former soccer players with a 16-year-old ACL injury.

Version: 2 Date: 2 March 2007

Reviewer: Greg D Myer

Reviewer's report:

General
The authors have done a nice job responding to most of my concerns. I have a few minor suggestions.

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

Please add a limitations section indicating that the study subjects were not different from controls at pre-test and that this may contribute to the lack of significant changes with training focused to improve important kinetics and kinematics in this population. Also please indicate that the multiple t-test comparisons may be limited with the small sample size. If this option is not preferable then you might consider less conservative post-hoc correction (Tukey's HSD) and then make your hypothesis one-tailed. This may allow you to maintain significance in the important variables. If these variables are not significant with this method then I think this limitation should be acknowledged.

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

In the results section the please do not report the significant changes (peak knee flexion and internal knee extensor moment) more than one way. Currently, it is reported in the text, Table 2 and Figure 5.

Please verify that utilized citations correctly support corresponding statements made in the discussion.

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Discretionary Revisions (which the author can choose to ignore)

I suggest removing figures 2, 3 and 5. These figures contribute little to the manuscript and Figure 5 may even detract from your significant results.

What next?: Accept after minor essential revisions

Level of interest: An article whose findings are important to those with closely related research interests

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'