Reviewer’s report

Title: A Novel Genomic Panel as an Adjunctive Diagnostic Tool for the Characterization and Profiling of Breast Fibroepithelial Lesions

Version: 0 Date: 18 Apr 2019

Reviewer: Mario Lamontagne

Reviewer's report:

The purpose of the study was to investigate the effect of an ACL Kinesio Taping technique on knee joint biomechanics during DVJ. The manuscript is well written and the study could have significant application for athletes with ACL deficient knee. However, the presented data show a statistical significance that can be due to a repeatability issue. According to Malfait, B. et al (2014) who have used the 3D LJMU model have shown that inter-trial errors that ranged from 1.1° - 3.5° for all peak kinematic parameters and from 3.6 N · m - 12.9 N · m for all peak kinetic parameters. The findings of the present manuscript are within the above-mentioned range. I question the reliability of the presented data. For this major concern related to reliability of the data, it might worth the effort to statistically test the reliability from the t1 and t2. Other weaknesses of the study are: a lack of control group in the design of the study and the unconventional taping technique for ACL deficiency patient. The taping technique must be better described and justified.

Specific Comments:

Who applied the KT tape? Was he or she an expert?

Where the participants blind?

Why the application shown in the figure 2 has been chosen?

Why the groups were divided in 8 and 12 participants?

References :


Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.
Yes

**Does the work include the necessary controls?**
If not, please specify which controls are required in your comments to the authors.

No

**Are the conclusions drawn adequately supported by the data shown?**
If not, please explain in your comments to the authors.

No

**Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?**
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I recommend additional statistical review

**Quality of written English**
Please indicate the quality of language in the manuscript:

Acceptable

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