Reviewer’s report

Title: Horizontal jumping biomechanics among elite female handball players with and without anterior cruciate ligament reconstruction. An ISU based study

Version: 1 Date: 23 Jun 2019

Reviewer: Antonino Bianco

Reviewer's report:

Dear Authors

I am reading your manuscript for the first time (I was not involved during the first-round revision).

Your R1 manuscript entitled "Horizontal jumping biomechanics among elite female handball players with and without anterior cruciate ligament reconstruction. An ISU based study" is of interest in principle, but there are still few minors to be solved.

The introduction and the methods section are well designed and exhaustive. The only comment I have is concerning the statistical software adopted (please include this info).

One more additional concern should be the fact that the sample is small and whatever statistical approach you want to adopt for sure the observations have low to moderate statistical power, so in my personal opinion Authors cannot generalise and/or speculate too much on the application of the ISU.

On the other side, the study design is interesting for the info provided, and the level of technical knowledge reported within the manuscript is high. In my personal opinion, it is interesting to read one more time that jumping biomechanics alterations seemed to persist after injury, even at the professional level (in which it can be supposed that the rehabilitation process is made properly).

Also, the discussion is well written and the study limitations are clearly highlighted, but according to that, I suggest one more time the Authors to be less overpromising overall.

That's all.
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.

Yes

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

Yes

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 am able to assess the statistics

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

Acceptable

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