Reviewer’s report

Title: Effect of fatigue caused by a simulated handball game on ball throwing velocity, shoulder muscle strength and balance ratio: a prospective study

Version: 0 Date: 19 Dec 2015

Reviewer: Johnny Padulo

Reviewer's report:

This article showed an interesting scenario, but there are some points to overcome.

Introduction:

page 4 line 3 please to consider Dello Iacono et al (1-3)

Pag 4 to optimize the free throw (4)
Pag 4 line 22/23 ….antagonist muscles (5)
Pag 4 line …stabilization (1)
Pag 4 line 27 …dynamometer (6)
Pag 4 line 27 …..for arm throwing (7,8)
Study design: please to include the time of this investigation (morning - afternoon….)(9)

Pag 6 line 10 stretching exercise (10)
Pag 6 line 39/41 please to update …..concentric and eccentric …(also in the other part of this main document).. is necessary to clarify this point because the authors have not studied muscular activity (3)

For each variable measured (as: throwing performances) please to include the error/accuracy of this devices; note that the radar-data is questionable (11)
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.
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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