Reviewer's report

**Title:** Cardiorespiratory responses to exercise are useful for muscular functional impairment characterization after knee anterior cruciate ligament reconstruction: a cross-sectional study

**Version:** 1  
**Date:** 27 December 2013

**Reviewer:** Taís Malysz

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This is an interesting study where the authors proposed to verify whether the cardiorespiratory responses to lower limb exercise display counter-lateral differences, and if they could be used to assist athletes and health professionals in the rehabilitation program. This is a relevant and very well written study with well-defined objectives, appropriate and well described methods and with consistent results. The discussion and conclusion are well balanced and adequately supported by the data. The title and the abstract are appropriated.

Discretionary Revisions:
Line 9-10: I think that the authors could excluded the citation “(Cascio, Culp, & Cosgarea, 2004)” of the abstract.