Reviewer's report

Title: Real-time Evaluation of Longitudinal Peak Systolic Strain (Speckle Tracking Measurement) in Left and Right Ventricles of Athletes

Version: 1 Date: 10 March 2009

Reviewer: lucia venneri

Reviewer's report:

A well written and interesting study.

Abstract:
-Background: LS should be LPSS
- Aim of the study is missing
- Methods: in the Abstract the Authors reported “32 subjects (20 athletes and 18 controls); in the Methods of the text they reported 50 subjects: 32 competitive athletes matched with 18 sedentary subjects. Please clarify.
- Results: It would be better to show values of the LPSS in this section

Results:
- to make more clearly readable this section, please delete from the text the general and echocardiographic data that are well showed in the table 1.

Images:
The figures look good but legends are not clear. For instance, express more clearly, what is green and what is red.

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'