Reviewer’s report

Title: Comparison of left ventricular mechanics in runners versus bodybuilders using speckle tracking echocardiography

Version: 1  Date: 19 December 2014

Reviewer: Lorenza Pratali

Reviewer’s report:

Szauder et al. was aimed to study the cardiac adaptation of ultra-marathon runners and body-builders in comparison with 15 healthy sedentary volunteers using speckle-tracking echocardiography. In the results the authors showed, as expected, differences in cardiac adaptation between ultra-marathon runners and body builders.

The manuscript presents some issues to be addressed.

1) The data showed should be indexed for body surface. Probably the statistical analysis may be different with BSA indexing.

2) Is really strange that the heart rate for ultra-marathon was 63 bpm.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

I declare that I have no competing interests’