Reviewer’s report

Title: Myocardial Performance Index in Female Athletes

Version: 0 Date: 23 Jun 2017

Reviewer: Lorenza Pratali

Reviewer’s report:

In the manuscript written by Alsafi A. et al, the authors investigated MPI by PWD and by TDI in elite female team-handball players compared to sedentary females.

The principal limitation of the echocardiography is the intra and inter-individual variability of the methods used. It' well known that the variability is higher in particular in complex parameters as MPI either by conventional Doppler or by Tissue Doppler.

The values of this study could increase if the authors added the data on the intra-and inter-individual variability of both measurements either in the athletes or in sedentary group.

Minor

Should be valuable to add a figure with the echo measurements on the principal results of this study

Level of interest
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An article of limited interest

Quality of written English
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Acceptable

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