Author's response to reviews

Title: Myocardial Performance Index in Female Athletes

Authors:
Zahraa Alsafi (zahraa.alsafi@hotmail.com)
Andreas Malmgren (andreas.malmgren@skane.se)
Petri Gudmundsson (petri.gudmundsson@mah.se)
Martin Stagmo (martin.stagmo@skane.se)
Magnus Dencker (magnus.dencker@skane.se)

Version: 1 Date: 30 Aug 2017

Author’s response to reviews:

Point-to-point response to referee comments and description of changes made

Manuscript "Myocardial Performance Index in Female Athletes" (CARU-D-17-00036)

Reviewer #1: 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’s 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

Response: We have added data on intraobserver variability measurements for relevant measurements (in this study there was only one observer) in the revised manuscript. We have also added the requested figure in the revised manuscript. All changes are highlighted within the text.