Reviewer’s report

Title: Impact of Acute Exercise on Brachial Artery Flow-Mediated Dilatation in Young Healthy People

Version: 2 Date: 27 September 2012

Reviewer: ELISABETTA BIANCHINI

Reviewer’s report:

This study aimed to assess, in a group of healthy volunteers, the impact of acute exercise on Flow-Mediated Dilation (FMD) of brachial artery.

The authors correctly answered the points I suggested, and in my opinion the manuscript can now be considered for publication in “Cardiovascular Ultrasound”.

I would suggest some minor, but really important, revisions that can improve the clearness of the paper.

Minor Essential Revisions:

1) Methods, Flow-mediated dilation, page 6: Please provide the values of interclass correlation coefficient for reliability validation.

2) Methods, Flow-mediated dilation, page 6: Please clearly state also in this section that the diameter measurements were obtained manually and that a probe holder was adopted.

Level of interest: An article of importance in its field

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