Reviewer's report

Title: WEB downloadable software for training in cardiovascular hemodynamics in the (3-D) stress echo lab

Version: 1 Date: 4 October 2010

Reviewer: Rosa Sicari

Reviewer's report:

This is an interesting and well written manuscript addressing a timing and important issue such as the ability of a software to provide a full set of haemodynamic measurements during rest and stress echocardiography with the aid of 3D echo. There are only minor issues that authors should address:

1. Pg. 4 Systolic Blood Pressure: It is not clear what authors mean by: “Systolic blood pressure is obtained in the right arm with the patient instructed to grip the left support with the left hand”.

2. In order to improve the readability of the manuscript, authors should avoid abbreviations. Some of the parameters and their definition may be reported in table format.

3. Pg. 15: authors should tone down the statement that: “qualitative and quantitative analysed of regional wall motion at rest and during stress become possible” which is not fully true.

4. Please address in the study limitation that 3D echocardiography is still suboptimal for stress echocardiography due the low frame rate.

5. Some of the figure presented here have already been published on Cardiovascular Ultrasound. Some others are more suitable for a slide presentation than for a scientific paper.

6. When authors state that the first trial of the software is free, do they imply that the software is commercially available? Please clarify and provide details if it is so.

Level of interest: An article of outstanding merit and interest in its field

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'