Reviewer’s report

Title: Realization of fully automated quantification of left ventricular volumes and systolic function using transthoracic 3D echocardiography

Version: 0 Date: 17 Nov 2017

Reviewer: Elisabetta Bianchini

Reviewer’s report:

Major Compulsory Revisions:

1) Much more is needed in terms of clarity. In particular: i) "Background" section should not include too long literature discussion and this eventually should be reported in the discussion section; ii) the "Methods-Study Design" section is not well structured and should provide clearer information regarding the reproducibility and accuracy protocol. In addition, discussion should be shortened.

2) Results page 13, lines 234. Data regarding the patients population without the 13 manually adjusted should be reported too.

3) Discussion page 16 line 281. "Timesaving" should be supported by data in the Results section.

Discretionary revisions:

1) Results: I would suggest to add the Bland-Altman plots showing part of data in Table 2.

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