Reviewer's report

Title: Speckle Tracking Echocardiography Analyses of Myocardial Contraction Efficiency Predict Response for Cardiac Resynchronization Therapy

Version: 0 Date: 16 Sep 2018

Reviewer: Quirino Ciampi

Reviewer's report:

The authors studied 70 CRT candidates, and parameters of myocardial contraction timing and contractility were measured by speckle tracking echocardiography and efficiency indexes were calculated accordingly.

The authors concluded that speckle tracking echocardiography can evaluate left ventricular contraction efficiency and contractility to predict CRT response. When analyzing myocardial strain by STE, contraction during left ventricular ejection period should be highlighted.

The manuscript is interesting

1. It may be useful to rewrite the results in a way that makes them easier to read and understand, and not to report all numbers in the text but only in the figures or into the tables.

2. We can suggest to the same order for all the parameters analyzed in the results section: controls, non-responders and responders.

3. The authors should add the variability for all STE parameters studied.

4. The authors should report the average time is needed to calculate all these parameters.

5. Do the authors use a single measurement or the average of multiple measurements for each STE parameters?
**Level of interest**
Please indicate how interesting you found the manuscript:

An article of limited interest

**Quality of written English**
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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