Reviewer's report

**Title:** Quantifying Longitudinal Right Ventricular Dysfunction in Patients with Old Myocardial Infarction by Using Speckle-tracking Strain Echocardiography

**Version:** 1  **Date:** 25 March 2013

**Reviewer:** Eustachio Agricola

**Reviewer's report:**

Major Compulsory Revisions

The authors state that patients with right ventricular infarction were excluded from the analysis also on the basis of MRI findings. If so, how many patients were excluded?

It is not clear if and how many patients had residual coronary stenoses and in which territories. In fact, the presence of chronic ischemia, particularly in the right and or circumflex artery territories can lead to chronic right ventricular ischemia.

Some prognostic data should be provided to give strength to the results.

Could be interesting to analyze separately the data of patients with and without beta-blocker therapy because the beta-blockers can impair the RV function in some subjects.

**Level of interest:** An article of limited interest

**Quality of written English:** Needs some language corrections before being published

**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' below