Reviewer’s report

Title: The value of left ventricular strain–volume loops in predicting response to cardiac resynchronization therapy

Version: 1 Date: 24 Jan 2019

Reviewer: Gianni Pedrizzetti

Reviewer’s report:

Authors have partially responded to my concerns in their reply, although they found unnecessary to change anything in this respect in the manuscript. They did not tested different simple measures as suggested in point (1). In the reply to point (2) they extensively described other potential applications of GLS, with numerous references, but did not verify results with literature as suggested.

The reply to both points essentially states that the proposed parameters may not demonstrate a superiority in basic comparisons and in univariate analysis. However, the superiority is evident in multivariate analysis. Honestly, given the limited number of patients (40) for a reliable multivariate analysis, I am not sure that such small statistical difference is sufficient for a proof.

But I am not expert in clinical statistics; therefore, I suggest a quick statistical revision on this point (a check of the reply to review can verify if these are sufficient).

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