Reviewer’s report

Title: The effect of cardiac shock wave therapy on myocardial function and perfusion in the randomized, triple-blind, sham-procedure controlled study

Version: 0 Date: 01 May 2019

Reviewer: Quirino Ciampi

Reviewer's report:

Aim of the study was to evaluate the capacity of cardiac shock wave treatment to reduce the objective signs of myocardial ischemia, that were determined by dobutamine stress echocardiography and SPECT, in prospective, randomized, triple blind, sham-procedure controlled trial.

The authors concluded that cardiac shock wave treatment showed the ability to reduce stress-induced myocardial ischemia, as assessed by wall motion abnormalities and perfusion defects, compared to sham procedure.

The study is interesting.

There are some criticisms:

1. Did the authors should explain in the discussion section higher incidence of myocardial infarction in OMT + sham procedure group compared to OMT + CSWT

2. In the table 2 the authors reported reduction in WMS, increase in EF, reduction of angina during DSE in both studied group at six months follow-up (same values in OMT + sham procedure and in OMT + CSWT groups). The authors should analyze this important point in the discussion section, and, in particular the additive role of CSWT compared to sham procedure

3. In the table 2 the authors should add also the LVEF at rest, WMSI at rest and WMS at rest at baseline, at 3- and 6- months

4. The authors should improve the quality of the figures

Level of interest

Please indicate how interesting you found the manuscript:

An article whose findings are important to those with closely related research interests
Quality of written English
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Acceptable

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