Reviewer’s report

Title: Clinical Value of Myocardial Performance Index in Patients with Isolated Diastolic Dysfunction

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Reviewer: Anca Irina Corciu

Reviewer's report:

In the present study Gonçalves Fernandes et al address a challenging issue of the clinical value of myocardial performance index in patients with isolated diastolic dysfunction.

The paper is quite well written, the results are interesting and the study limitations are well described.

There are some remarks I would like to make:

- A careful revision of the entire manuscript should be done for the identification of discrepancies (for example, ECG and EKG they are both used as an abbreviation of electrocardiogram; TDI-MPI cut-off value is >0.42 or > 0.43…)

- The incidence of cardiovascular risk factors (smoking history, diabetes…) should be added in Table I

- The authors report left atrium diameter; the indexed left atrium volume would be more appropriate

- ACE/ARA should be replaced by ACE-angibitors/ ARBs

- The value of NT pro BNP biomarker should be added if available

- In the text the authors used "a1", "b1" for TDI-MPI, but in the figure 1 they are illustrated as a,b…That should be corrected.

- The final conclusion should be rewritten, it is not very clear.

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