Reviewer's report

Title: The relevance of the left atrioventricular remodeling in the assessment of the left ventricle function in patients with cardiac failure: a Doppler-echocardiographic review.

Version: 1 Date: 25 May 2008

Reviewer: Rosa Sicari

Reviewer's report:

Danzmann et al. present a long and documented review on the parameters to be measured in patients with heart failure, nonetheless the manuscript is too long and unfocused.

TITLE: It is confusing and it does not describe what the review is about.

Authors may consider to start from what is considered established in patients with heart failure (refer to AHA/ACC and ESC guidelines). Moreover, cite the ESC position paper on diastolic heart failure. However, among the many parameters to assess the grade of dysfunction severity, some work better than others or are much easier to acquire so to provide a better clinical performance. Still others are largely unexplored and have not reached the status of established diagnostic and prognostic parameter. This is the case of atrial function and its pathophysiologic relationship with the left ventricle. It would be interesting to focus only on this parameter, by adding what we know, what should be measured (area, volume etc. ???) and its potential additional clinical and prognostic value.

Minor comments: The manuscript has many typos.

Level of interest: An article of limited interest

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

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

I declare that I have no competing interests'