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: 27 May 2008

Reviewer: Michele Masini

Reviewer's report:

An interesting and timely paper.
- Abstract is missing.
- Fig. 1: IVRT is incorrectly shown.
- Fig. 3: In the heading, dysfunction is misspelled; in the second row, deficit is misspelled and pseudonormal is misspelled.
- References are not in Journal style; don’t forget to add and discuss 2 key Cardiovascular Ultrasound references (Arques S, Roux E, Luccioni R. Current clinical applications of spectral tissue Doppler echocardiography (E/E’ ratio) as a noninvasive surrogate for left ventricular diastolic pressures in the diagnosis of heart failure with preserved left ventricular systolic function. Cardiovasc Ultrasound. 2007 Mar 26;5:16; Galderisi M. Diastolic dysfunction and diastolic heart failure: diagnostic, prognostic and therapeutic aspects. Cardiovasc Ultrasound. 2005 Apr 4;3:9.).

Level of interest: An article of importance in its field

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.