Reviewer’s report

Title: Exercise-Induced Left Bundle Branch Block and Subsequent Mechanical Left Ventricular Dyssynchrony -Resolved with Pharmacological Therapy-

Version: 1 Date: 25 January 2011

Reviewer: Quirino Ciampi

Reviewer’s report:

The authors described a case of a patient with exercise-induced LBBB and subsequent significant mechanical LV dyssynchrony assessed by two-dimensional speckle tracking radial strain, resolved with pharmacological therapy.

The case is very interesting and well and clearly written, and underline the importance of optimal medical therapy in patients with heart failure.

However, there are some suggestions:

1. The authors should include a table with 3 columns (baseline, follow-up and p value) with resting echocardiographic characteristics of the patient (left atrial and left ventricular diameters, thickness of interventricular septum and posterior wall).

2. The authors should include a table with 5 columns (rest and peak stress at baseline and after pharmacological therapy during follow-up and p value) with the clinical parameters (heart rate and blood pressure and double product at rest and at peak stress) and echocardiographic parameters (LV end-diastolic and end systolic volumes, ejection fraction, transmitral pattern, E/E’ and radial strain at rest and at peak stress).

3. The authors should provide the dosage of carvedilol and candesartan during follow-up.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Declaration of competing interests:

I declare that I have no competing interests