Reviewer’s report

Title: A case report on the clinical benefit of Cardiac Resynchronization Therapy optimization using a device-based hemodynamic sensor in a patient with dilated cardiomyopathy

Version: 1 Date: 14 May 2015

Reviewer: Matteo Giorgi

Which of the following best describes what type of case report this is?: An unexpected event in the course of observing or treating a patient

Do you believe the case report is authentic?:

Yes, I do

Do you have any ethical concerns?:

Yes, I do

Is the Abstract representative of the case presented?:

Yes, it is

Does the Introduction explain the relevance of the case to the medical literature?:

Yes, it does

Does the article report relevant patient information?: Yes

Does the article report relevant physical examination findings?: No

Does the article report important dates and times in this case?: Yes

Does the article report the diagnostic assessments?: Yes

Does the article report the types of intervention?: Yes

Does the article report a summary of the clinical course of all follow-up visits?: Yes

If any information is missing from the reporting, please detail it here.: Relevant physical examination findings were summarized by NYHA class without specify the improvement of clinical outcome such as dispnoea, oedemas, body
weight and urinary output. Furthermore the authors did not provide information on the etiology of dilated cardiomyopathy.

Is the interpretation (discussion and conclusion) well balanced and supported by the case presented?:

Yes, it is

Does the case represent a useful contribution to the medical literature?:

this is a single case and needs further confirmation, then I would interpret as anecdotal

Was written informed consent to publish this case obtained?: Yes

Is the anonymity of the patient protected?:

Yes, it is

Additional comments to authors?:

No

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Declaration of competing interests:

I have no conflict of interest