Reviewer’s report

Title: Therapy optimization in patients with heart failure: the role of the wearable cardioverter-defibrillator in a real-world setting

Version: 0 Date: 23 Jan 2018

Reviewer: Matteo Serenelli

Reviewer’s report:

This is an interesting single center study, which highlights the usefulness of wearable cardioverter-defibrillator and its safety. However the presence of some limitations, like the small number of patients enrolled, there are others aspects, like the consecutive enrollment fashion, that let to take a glimpse to the real-world application of these devices.

Overall i consider the paper well written, but i would like to get some clarifications and give some advices:

- There are some typing error, so i suggest to carefully review the paper looking for them (e.g pag 4 - row 88 "Resent")

- How do you explain the very high percentage of VT, VF and SCD noted in the group undergone ICD explantation?

- Furthermore it is notable that this subgroup of patients reported a significally higher wearing time. Do you think it is a matter of risk awareness? or were they hospitalized patients?

- When you say that "Patients with explanted ICDs and patients with newly diagnosed CMP and LVEF > that 35% had no significant changes in LVEF (p=n.s.)" i suggest you to specify that baseline LVEF was 49.0 ± 7.5.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes
Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

**Quality of written English**
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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