**Reviewer's report**

**Title:** Risk of subsequent ventricular arrhythmia is higher in primary prevention patients with implantable cardioverter defibrillator than in secondary prevention patients

**Version:** 1  **Date:** 02 Jun 2019

**Reviewer:** Sheng Kang

**Reviewer's report:**

I considered that the paper was worth publishing because it demonstrated that after the primary preventive patients underwent appropriate ICD therapy, they were more prone to ventricular arrhythmia recurrence and death than the secondary preventive patients. However, some minor questions should be noticed:

1. the authors should explain why the poisson regression is used in the paper?
2. please provide the median of follow-up time;
3. please define the time of initial and endpoint of follow-up;
4. please indicate whether there were any loss of follow-up;
5. please correct the grammar and typo errors in the text
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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