Reviewer's report

Title: Ability of Ambulatory ECG-based T-wave Alternans to Modify Risk Assessment of Cardiac Events

Version: 2 Date: 3 November 2014

Reviewer: Elena Okisheva

Reviewer's report:

Xiao-Qing Quan et al. performed the interesting review of good quality. The topic of the study is of high interest and the authors should be encouraged for their interest in non-invasive risk stratification technologies. The manuscript adhere to the relevant standards for reporting and data deposition. Limitations are clearly stated.

Some concerns to be addressed:

1. Minor Compulsory Revision: First meta-analisis of TWA studies was published by Rizas and Bauer in Editorial Europace doi:10.1093/europace/eus323. This work should be mentioned in the Discussion. Also authors should more clearly define what’s new is in their work compared with above.

2. Discretionary revision: the title would sound more accurate as “Ability of ambulatory ECG-based T-wave alternans to modify risk assessment of cardiac events: a systematic review”.

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

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests