Reviewer's report

Title: The comparative effectiveness of statin therapy in selected chronic diseases compared with the remaining population

Version: 4 Date: 6 July 2012

Reviewer: G. B. John Mancini

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Major, Compulsory Revisions: Figure 3 should be complemented in the main paper by a similar figure based on Total Mortality.

Discretionary Revisions (at the direction of the editors): The conclusions of the abstract and the discussion are quite uninteresting as already stated many times. The implications of this work go far beyond the chosen primary focus of the authors. As this is not a randomized clinical trial and as all the outcomes are described as a group and as "major outcomes" (see methods, there is no indication, nor is there a need to indicate primary and secondary end-points), the obsession with highlighting TC as opposed to clinical outcome remains perplexing to this reviewer.

Level of interest: An article of outstanding merit and interest in its field

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.