Reviewer's report

Title: Dose Dependent Effect of Statins on Postoperative Atrial Fibrillation after Cardiac Surgery among Patients Treated with Beta Blockers

Version: 2 Date: 20 September 2009

Reviewer: Francisco Marín

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Mithani et al, exploring the influence of statin use after Cardiac Surgery. The authors only found a significant reduction in AF development in those under >20mg of simvastatin.

The study is well conducted and the sample size is quite sufficient. However in my opinion there are some limitations
- The authors should show the data together of CABG and valvular surgery.
- Perhaps it could be more interesting to select only the patients under simvastatin (the great majority).
- The authors have not compared patients under beta-blocker and not. So, they should modify their conclusions.
- It would interesting to know how long were the patients under statings.

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

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.