Reviewer's report

Title: Statins and risk of gastric cancer in diabetes patients

Version: 3 Date: 25 March 2012

Reviewer: Patricia Coogan

Reviewer's report:

The paper is much improved in terms of writing.

However, two errors pointed out in my most recent review persist: 1. Delete the second sentence in the first paragraph of the discussion that states that gastric cancer risk and statin use has not yet been evaluated. This is NOT TRUE. The authors describe previous analyses of statin use and gastric cancer incidence in the introduction.

2. Discussion, bottom of page 9: the authors discuss a bias in using diabetes patients for the study. This will not introduce a bias since BOTH CASES AND CONTROLS ARE DIABETES PATIENTS. This issue of their study including only diabetes patients may affect generalizability (i.e., external validity), but NOT internal validity.

3. It is standard practice to report ORs and 95% CIs only to 2 decimal places; 3 places implies a false precision.

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

Quality of written English: Needs some language corrections before being published

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

Declaration of competing interests:

No competing interests.