Reviewer's report

Title: Use of aspirin for primary and secondary prevention of cardiovascular disease in diabetic patients in an ambulatory care setting in Spain

Version: 3 Date: 1 August 2007

Reviewer: Jun Ma

Reviewer's report:

General
The article has been substantially improved. Nevertheless, this review still have some remaining concerns.

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Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached)

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Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)

Pages 3 and 7, the American Diabetes Association recommends aspirin use in diabetics over 40, not 30, years of age for primary prevention. Please correct.

Page 4, on what basis was the cut point of 29 chosen for BMI?

Page 4, on what basis was the cut point of 6.5% chosen for A1c? Some evidence suggests that an A1c goal of 6.5%, as opposed to 7.0%, increases the risk of hypoglycemia.

Page 5, on what basis was the cut point of 200 mg/dL chosen for total cholesterol?

Page 5, why was achievement of blood pressure goals not included in the logistic regression model?

Page 8, please acknowledge that the study sample may not be representative of the general primary care population in Spain, unless the authors can provide evidence that it is.

Page 8, please remove the sentence "While the above limitations are true, it should be stated that retrospective designs are perfectly valid in biomedical research, and sometimes the only feasible studies." This is too superficial a statement on a profound methodological matter.

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Discretionary Revisions (which the author can choose to ignore)
What next?: Accept after minor essential revisions

Level of interest: An article of importance in its field

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

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