Reviewer’s report

Title: The long-term coronary heart disease risk of previously obese patients with type 2 diabetes mellitus

Version: 2 Date: 6 May 2013

Reviewer: Altan Onat

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The manuscript is much improved. Following items require further attention.

1) The main new analysis on deltaBMI (Table 3) has been informative. Used as a continuous variable (in contrast to the categoric one of MAXBMI) shows significant association. Please, specify the incremental unit for the HR. Preferably, express it in increments of 1-SD of deltaBMI (2 or 3?). This finding deserves to be incorporated in the abstract.

2) Please, comment better whether a threshold value of previous obesity or a graded relationship of preceding weight loss is a more reliable predictor of coronary risk and utilize both possibilities in the conclusions.

3) Please, comment on your findings with reference to the article Wang Y et al, Diabetes Care 2011;34:2576

4) There is inadequate reason, I believe, in providing in Tables 2 and 3 the models 3 and 4, because the degree of poor glycemic control represented by diabetic retinopathy is poorly defined and may operate similarly for the development of CHD. A simple statement in this regard in text may suffice. In the abstract and the Discussion, it is best to report only the HR for model 2.

5) Checking is needed for correct use of the word previous as an adjective or an adverb.

Level of interest: An article of importance 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 have no competing interest.