Reviewer’s report

Title: The effectiveness and efficiency of diabetes screening in Ontario, Canada: A population-based cohort study.

Version: 1 Date: 17 March 2010

Reviewer: Maria Alice Souza de Oliveira Dode

Reviewer’s report:

Major Compulsory Revisions

This study show very interesting data from a cohort study in Ontario

a) The question posed by the authors is well defined at the end of the introduction. But during the method section, it is not clear if the efficiency of screening is the absolute number of individuals tested with a SBG over the five year study divided by the number of incident diabetes cases, that accrued during the same period, or if it was only the ratio between the individual that fulfill the CDA guidelines divided by the number of incident diabetes cases. The results shows that 80% of women and 66% of men had a blood glucose test within 5 years, and the NNS is 22 among men and 14 among women

These results shows that are something that is no clear in the methods section.

Minor Essential Revisions

b) At page 8, fourth line “Figures 1 and 2 depict the relationship between SBG testing and the ten year risk “ The correct is ” five year risk”

Discretionary Revisions

c) The table 2 is too long, to summarize it, is necessary. Maybe it could be withdrawal since the necessary information is on the text.

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

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'