Reviewer's report

Title: Prevalence and Risk Factors of Diabetes and Impaired Fasting Glucose in Nauru

Version: 1 Date: 10 June 2011

Reviewer: Nadira AL-Baghli

Reviewer's report:

Dear Sir

Greeting
Regarding the manuscript title "Prevalence and Risk Factors of Diabetes and Impaired Fasting Glucose in Nauru"
-- Compulsory Revisions needed

The question and objectives of the study was clear and online with the study
- regarding the methods there is some queries:
The cut off point for pre-diabetes was 110-125 mg/dl, while I am sure during doing the analysis of the study the changes of the value to include 100 mg/dl was already disseminated, and even if not , why not transform the values of FBS to include the range from 100-125 mg/dl, instead of 110-125 mg/dl
- The duration of fasting was not mentioned in the methods, especially it is include lipid profile as one of the risk factors, it is important to be mentioned her even if the methods elaborated on other publication. I was quickly reviewing reference No 8 on the methods of the study, I did not see this point (correct me if I am wrong).
- - in introduction and methods there is some repetition regarding the geographic place of Nauru, I suggest either to keep it on introduction or in the methods

- Regarding results
The response rate was not calculated but it is obviously less than expected for estimation of validity of study and could be the sick people with complication of DM was the people not shown in the survey, have you stress on this?, if not, I think it should be mentioned in the limitation of the study
Regarding the discussion
- Line 341 in discussion 15 years should be written
- in discussion started from line 359 there is repetition of the limitation
- I can notice stressing on the term of NIDDM instead of DM type 2, as it is changed
- overall the discussion was adequately elaborating the results and compares it
with other results of similar study, and adequately supported by data for possible explanation of differences.
- Another tinny queries "Why it took too much time for the paper to be published"

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

**Quality of written English:** Acceptable

**Statistical review:** Yes, but I do not feel adequately qualified to assess the statistics.

**Declaration of competing interests:**

'I declare that I have no competing interests'