Reviewer's report

Title: Prevalence of Prehypertension and Associated Cardiovascular Risk Profiles among Prediabetic Omani Adults

Version: 1 Date: 11 September 2007

Reviewer: Yehonatan Sharabi

Reviewer's report:

1. This is a small-scale observation portraying the high prevalence of prehypertension among prediabetic. The authors have made an additional analysis to better characterize these subjects and to point to the associated conditions that might contribute to this high levels.

2. The question the authors addressed is important, however, a cross sectional analysis is somewhat simplistic. A comparison group to non-prediabetic prehypertensives would improve the power of the analysis as well as its conclusion. Also – since prediabetes is quite common, increasing the number of subjects, if possible, would improve the study.

3. Since insulin resistance is probably the mechanism underlies both prediabetes and prehypertension, and obesity is closely related to insulin resistance, another analysis, adjusted to weight should be done to make sure the results remain significant after this adjustment.

4. The manuscript is clear and well written. The introduction and discussion are focused.

What next?: Unable to decide on acceptance or rejection until the authors have responded to the major compulsory revisions

Level of interest: An article of limited interest

Quality of written English: Acceptable

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

Declaration of competing interests:

I declare that I have no competing interests