Reviewer's report

**Title:** Circulating adiponectin levels are lower in Latino versus non-Latino white patients independent of adiposity measures: a cross-sectional study

**Version:** 1  **Date:** 31 January 2011

**Reviewer:** Omar Al-Attas

**Reviewer's report:**

The study is interesting yet offers little novelty. Most of the associations produced are already known.

Major Compulsory Revisions

1. The cohort needs to be stratified according to gender as adiponectin is a gender sensitive hormone. The lower levels observed among Latinos maybe secondary to the greater male population of the group.

2. There is big difference in the distribution of gender in both groups. If in case the cohort is separated by gender, please also include a sample size calculation in the data analysis part.

3. Revise the title as the cohort is not representative of the population.

**Level of interest:** An article of limited interest

**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 I have no competing interests