Reviewer’s report

Title: The positive association between number of children and obesity in Iranian women and men: Results from the National Health Survey

Version: 5 Date: 13 April 2008

Reviewer: Rebecca Hardy

Reviewer’s report:

The authors have responded adequately to the majority of my previous comments.

Minor essential revisions

1. The Results section of the abstract does not appear to have been edited. I would suggest first stating that number of children was associated with obesity in men and women. Then listing the other variables also found to be associated with obesity.

2. Delete “a report” so line reads “…to estimate the odds of obesity as a function…” (page 6, line 3 of statistical analysis). It is stated that height and weight were measured so obesity outcome is not “a report”.

3. The sentence beginning “A recommended practice is to use…” is unclear and should be reworded for clarification (page 6, line 13-15).

4. Add a sentence in the results (page 7) indicating that the OR in women decreased after adjustment for confounding variables, whereas that for men increased slightly.

5. Add word “the” in second sentence (page 9), i.e. “In the first model…”

6. Add “after adjustment for confounding variables” to sentence “Number of children is positively associated with obesity in both sexes” (page 9, line 7).

7. The sentence beginning “It is also possible, weight gain…” (page 10, line 12) does not make sense and should be edited for clarification.

Discretionary revisions

1. Clarify what the authors mean by “other people” (page 11, line 2). To what populations do the authors believe their findings can be applied?

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