Reviewer's report

Title: Assessment of measles Immunity among Infants in Maputo City, Mozambique.

Version: 1 Date: 26 March 2008

Reviewer: Julie Cliff

Reviewer's report:

- Major Compulsory Revisions

1. Address the question of the possible influence of measles mass vaccination campaigns. A campaign in 1979 has implications for the chosen age cut-off dates. The authors mention a campaign in 2005. How did the timing relate to the study?

2. Address the possible influence of HIV in the discussion.

3. Percentages of children with minus two Z-scores on nutritional parameters seem high. These results and their implications need discussing.

- Minor Essential Revisions

1. Unlikely that EZ vaccine has been the vaccine used since 1981. Make clear if it was at the time of the study.

2. Height-for-age. etc. (not height-to-age)

- Discretionary Revisions

1. Reference 5 refers to Mozambique, whereas the following reference 6 does not. Make clear if this is a general statement or applies to Mozambique.

2. Use of the Road to Health chart and history for mother's vaccination status are unreliable methods. Suggest omit.

3. Weight, height and age determined at recruitment is a method, so does not belong in the results.

Level of interest: An article of importance in its field

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.