Reviewer's report

Title: A comparison of tympanic and rectal temperatures in term Nigerian neonates

Version: 5 Date: 8 April 2012

Reviewer: ilker devrim

Reviewer's report:

Dear editor;

I have read the article named “A COMPARISON OF TYMPANIC AND RECTAL TEMPERATURES IN TERM NIGERIAN NEONATES” with great interest

1. The question was well-defined by the authors however newly published references should be added to the article such as:

A comparison of different methods of temperature measurements in sick newborns.
Uslu S, Ozdemir H, Bulbul A, Comert S, Bolat F, Can E, Nuhoglu A.”

Is tympanic membrane thermometry the best method for recording temperature in children?
Dew PL.”

Infrared tympanic thermometry in comparison with other temperature measurement techniques in febrile children.
Nimah MM, Bshesh K, Callahan JD, Jacobs BR.”

2. The methods were appropriate and well described; however some explanation about the methods should be added.

Some data about the personal should be added, like how many people were assigned to perform the measurements; and any education were given to the nurses and health care workers. And also interchangeability of the personal for measuring the temperature should be added.

3. The datas are well explained.

4. The manuscript adhered to the relevant standards for reporting and data deposition.

5. The discussion and conclusions well balanced and adequately supported by
the data. However newly published articles should be added.

6. The limitations of the work were not clearly stated; the possible bias by the researchers should be added.

7. The authors clearly acknowledge any work upon which they are building, both published and unpublished.

8. The title and abstract accurately convey what has been found.

9. It is acceptable with the revision.

It is acceptable with the minor essential revision.

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

**Quality of written English:** Needs some language corrections before being published

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

**Declaration of competing interests:**

No competing interests for the article