Reviewer's report

Title: Prevalence and pattern of deciduous molar hypomineralization and molar-incisor hypomineralization in a suburban population of children in Nigeria

Version: 1 Date: 10 March 2015

Reviewer: Patrícia Corrêa-Faria

Reviewer's report:

Major compulsory revisions
I appreciate the opportunity to review the manuscript. The study is interesting and well done. However some aspects could be improved:

Abstract: Add the indices used, method of data collection (interview + clinical examination), statistical tests used.

There must be careful about the use of the word risk, since the risk tansversal study but does not check associations

Introduction: the text needs to be improved. I suggest the removal of the second paragraph. Prevalence measures would be better in the 3rd paragraph.

Improve the justification of the study: what the study brings new to the literature? Explain the relationship with caries, impact on quality of life, the population has some characteristic that could predispose to the HMI?

Statistical analysis suggest that regression is performed.

Discussion better discuss the results compared with the literature. Explain the absence of association with the factors studied. What are the limitations of the study? Suggest new studies.

Level of interest: An article of importance in its field

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