Reviewer's report

Title: Relationship of birth and first month of life in children and developmental defects of enamel

Version: 3  Date: 20 June 2014

Reviewer: Patrícia Corrêa-Faria

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Minor essential revisions:
Title: Replace the term "relationship" by "association"
Standardize the use of DDE sogla throughout the text
Page 3, line 92: Avoid citing authors' names throughout the text. Is better to put the reference just down the sentence. For example, factors associated with DDE can be categorized into ...
Methods: Sample size was calculated?
As the differential diagnosis between dental caries and DDE was performed?
As the oral exam was performed? There was pre-cleaning of teeth? How many examiners? The examination was performed in school? The teeth were examined under natural or artificial light?
In these cases, we chose to exclude the child or just by deleting the tooth statistical analysis?
In cases where the prevalence is higher than 20%, some researchers choose to perform Poisson regression. There is possibility that the measure of OR obtained from logistic regression superitme results. The authors considered perform Poisson regression?
Results: What were the reasons for the losses?
As examiners differed DDE and MHI?
The term risk factor is more appropriate for longitudinal studies in which patients are monitored to determine whether those with particular characteristics at higher risk of developing the disease. The present study is cross-sectional design, which allows checking only association between the variables. The term needs to be revised throughout the text.
The regression results need to be further described. Which OR values? Explore these results more

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.