Reviewer's report

**Title:** Periodontal disease and adverse perinatal outcomes in a cohort of low risk pregnant women

**Version:** 1  **Date:** 15 October 2010

**Reviewer:** Pisake Lumbiganon

**Reviewer's report:**

Major Compulsory Revisions

1. Too many references, delete some unnecessary references.
2. There should be information about at what gestational age that periodontal examination was performed.
3. Were treatment given for women with positive periodontal diseases? If no treatments were given, was this ethical? If treatments were given, then the two groups are perhaps not different.
4. The diagnosis of PROM is usually tricky, what was your operational definition, how long was the interval between rupture of membranes and the onset of labor did you use to diagnose PROM?
5. What factors were included in the final multivariate regression model?
6. It is quite strange to see that the association between PD and preterm labor and LBW changed from "not statistically significant" to "statistically significant" after controlling for potential confounding factors by multivariate regression. Usually it is the other way round. Please explain.
7. The content of Paragraph 5 in the discussion part is not supported from this study and should be deleted.
8. Discussion should be more specific and concise.

Minor Essential Revisions

1. The word "premature rupture of membranes" should be replaced by "prelabor rupture of membranes".

**Level of interest:** An article of limited interest

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

**Statistical review:** Yes, and I have assessed the statistics in my report.

**Declaration of competing interests:**

I declare that I have no competing interests.