Reviewer’s report

Title: Effectiveness of Lifestyle Change plus Dental Care (LCDC) program on improving glycemic and periodontal status in the elderly with type 2 diabetes

Version: 1 Date: 9 April 2014

Reviewer: Ok-Su Kim

Reviewer’s report:

- Major Compulsory Revisions

1. In this study, 0.3mm mean differences of PD between two groups showed statistically significant. This difference usually can get clinically after well controlled toothbrushing. Do you mean that this difference is confirmed to improve periodontal status?

2. Describe to how to measure pocket depths and recession.

3. SBI score or BOP(+/−) is better that GI score to measure the gingival inflammation.

4. Please mention some brief explanations regarding the calibration between examiners.

5. IRB number was missed.

6. In inclusion criteria, you selected participants with at least 16 natural teeth. On what basis?

7. Are there any data on physical activity level or total caloric intake? These are important potential behavioral confounders and would strengthen the manuscript considerably.

8. Was there any evidence for sex-interactions?

- Minor Essential Revisions

1. In the table: t, #² values are removed and only describe p values. And present mean ± SD.

Statistical review

--------------

1. Analysis would be carried out in order to adjust for potential confounders as age, gender, education, smoking, BMI, dyslipidemia, participants’ physical ability.

Level of interest: An article of limited interest

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:**

I declare that I have no competing interests