Reviewer’s report

Title: Change of periodontal inflammatory indicators through a 4-week weight control intervention including caloric restriction and exercise training in young Koreans: A pilot study

Version: 6 Date: 4 March 2015

Reviewer: Anurag Satpathy

Reviewer’s report:

The manuscript “Change of periodontal inflammatory indicators through a 4-week weight control intervention including caloric restriction and exercise training in young Koreans: A pilot study” is a good attempt to undertake an interventional study for establishing a causal relationship between obesity and periodontal disease.

However there are some considerations for the manuscript

Minor Essential Revisions

Authors need to discuss why smoking was not an exclusion criteria considering the fact that smoking affects both periodontal health and general health.

Authors have taken Sum of scores of Plaque index and Gingival index. Why was mean score not considered. Authors should discuss this point or choose to provide analysis with both sum of scores and mean scores.

Tables 2 may be expanded to include pre, post, pre-post difference, 95% CI and the p values.

Correlation analysis as shown in Table 3 may be also shown separately for Obese and Normal Subjects

Level of interest: An article of importance in its field

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