Reviewer’s report

Title: In vitro-activity of oily calcium hydroxide suspension on microorganisms as well as on human alveolar osteoblasts and periodontal ligament fibroblasts

Version: 1 Date: 25 October 2013

Reviewer: Alpdogan Kantarci

Reviewer’s report:

1. While it is justifiable to test a product that is supposed to work on the bone during periodontal surgery on bone cells and PDL fibroblasts, why did the authors assume that there could be any “antimicrobial properties” attributed to the compound used? This does not mean that there may not be any antibacterial activities of the product but the hypothesis is not clear regarding the microbiological testing.

2. In parallel, why did they test the experiments on co-culturing the bacteria with osteoblasts? What is the relevance and interpretation of these studies and findings?

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

None; I don't have any competing interests