Reviewer's report

**Title:** Histological evaluation of the efficiency of low-level laser therapy on bone regeneration in extraction sockets grafted with allograft material covered with resorbable collagen dressing

**Version:** 1  
**Date:** 2 February 2015

**Reviewer:** Guilherme Oliveira

**Reviewer's report:**

The article entitled "Histological evaluation of the efficiency of low-level laser therapy on bone regeneration in extraction sockets grafted with allograft material covered with resorbable collagen" submitted to the BMC Oral Health evaluated the effect of the LLLT on bone repair in extraction sockets associated with the use of an allograft biomaterial in humans. The corrections performed by the authors were not enough to improve the quality of this paper. The problem with the references continues, at least 11 references were erroneously cited.

Some information in the Material and methods sections are missing like the methods to evaluate the vascular structures and osteoblast as the authors exposed in the cover letter. The harvesting of the samples were possible in all the patients?

Finally, I do not understand why the histomorphometric analysis has not been performed. The sample were cut and stained, then there is no reasonable explanation to not perform the histomorphometric analysis that is much more interesting to assess the amount of bone tissue than radiographic analyzes.

Due of it, I continue to recommend the rejection of this paper.

**Level of interest:** An article of importance in its field

**Quality of written English:** Acceptable

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

**Declaration of competing interests:**

I declare that I have no competing interests