Reviewer’s report

Title: One palatal implant for skeletal anchorage - frequency and range of indications

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Reviewer: Britta A. Jung

Reviewer’s report:

Minor Revision

The manuscript “One palatal implant for skeletal anchorage – frequency and range of indications” describes the following: The purpose of this study was to analyse the frequency and range of indications of orthodontic treatments using one palatal implant for skeletal anchorage, in a time frame of four years.

The introduction gives a comprehensive overview of the problem area and presents relevant parameters for indications of skeletal anchorage. The objectives of the work are clearly defined, the material and methodological section is described in detail.

The experimental design and applied methods are appropriate and the results conclusive. In the discussion section, the methods and results are discussed against the background of the state-of-the-art national and international literature.

But it is by all means necessary to point out that already 2010 Jung et al. has reported about the range of indications of conventionally loaded palatal implants in a randomised prospective controlled study.

The studies by Jung et al. 2010 and from 2009 should also be incorporated in the discussion section by all means.

Number of ethic committee is still missing.

In the methodological section it would be helpful to read how many supraconstructions fixed on teeth had come off and had to be fixed again. For the sake of completeness it would also be important to read whether all palatal implants were from the same generation and with which loading design the supraconstructions were included (probably conventionally loaded implants?). The conclusions and outlooks are admissible.

Level of interest: An article of importance in its field

Quality of written English: Not suitable for publication unless extensively edited

Statistical review: Yes, but I do not feel adequately qualified to assess the
statistics.

Declaration of competing interests:

No competing interests