Reviewer’s report

Title: Comparison of anchorage reinforcement with temporary anchorage devices or a Herbst appliance during lingual orthodontic protraction of mandibular molars without maxillary counterbalance extraction

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Reviewer: ROBERT GARCIA

Reviewer’s report:

1 - About the samples :
- Who decide of the treatment plan ? :
- Temporary anchorage devices (TAD) versus Herbst appliance (one , two or more praticiens decide ?)
- Previous choose of reinforced anchorage : Is the choose randomised (cohort study) ? If not what are the choose criterias ?

2 – About the study design
- For the TAD patients who place the mini screws (one , two or more praticiens). Do this protocole standardized ?
- For the Herbst patients, what is the propulsion amount : same for each case ?
- For both samples, what is the force amount apply on the buccal and lingual sides and how the force measurement have been made ?

At least, these recommandations must be discuss in the « Discussion chapter »

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