Reviewer’s report

**Title:** Facial soft tissue response to maxillo-mandibular advancement in obstructive sleep apnea syndrome

**Version:** 0  **Date:** 15 Jan 2017

**Reviewer:** Ralf Smeets

**Reviewer's report:**

Thank you for the opportunity to review the paper by Cifuentes et al. The present article from a surgical team of Chile presents the facial changes in the soft tissue in patients with obstructive sleep apnea problems. It is an article focusing on an important multidisciplinary field of medicine. The patients are sometimes over 40 years of age, where orthognatic surgery and maxillo-mandibular advancement is performed. In the paper the mean age was 35 years. The soft tissue changes were analysed by lateral cephalographs according to the method presented by Arnett et al. In general the material and method section is appropriate for the paper. Please use full names in the abstract instead of abbreviations (in the background section both was used - in the methods section only shortcuts). Please clarify in the abstract the time intervals for T0, T1 and T2. Kolmogorov-Smirnov test should only appear in the full text, not in the abstract. I think it should not appear in the abstract and should only be discussed in the discussion section of the present paper. The background section shows the relevant literature regarding the presented topic of this study. The presentation of the results is appropriate. Also the discussion is based on the results and the corresponding literature is taken into consideration. In the abstract appears the following sentence „All patients expressed an increase in the quality of life, in which aesthetics goals were accomplished." The conclusion should focus on the facial parameters assessed in the present study. It would be useful, if the authors could check the language by a native speaker or language editing service due to minor language and grammar errors in the manuscript. Also, please check carefully the reference section.

**Level of interest**

Please indicate how interesting you found the manuscript:

An article of importance in its field

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