Author’s response to reviews

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

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Author’s response to reviews:

Reviewers report considerations:

REVIEWER 1:

We performed the changes in the manuscript according to the reviewers suggestions.

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 appar 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.

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.

REVIEWER 2:

We performed the changes in the manuscript according to the reviewers suggestions.

Abstract: Please name the medial advancement distances for the maxilla and mandible of the patients and the corresponding soft tissue changes of the Pogonion and the subnasal point.

Introduction: The counter-clockwise rotation is performed due to more advancement of the lower jaw in OSAS patients not due to the convexity of the upper lip.

Material and Methods: Why were all patients treated with counterclockwise rotation? Why were four manipulates used for mandibular advancement? Please name the firm, strength and dimension of the manipulates used for MMF.

Results: no comments

Discussion: Please skip line 4-6 (Risk factors…cognitive alterations) Repetition of introduction. Skip second paragraph, „In the past decades…OSAS treated by MMA“, this is of no interest.

The alar base cinch or nasals muscle suture…” This description of the operative maneuver belongs in the Material and Method part. Please adjust.

REVIEWER 3:

We performed the changes in the manuscript according to the reviewers suggestions.

The hypothesis at the end of the introduction should be more clearly formulated. In its present form, only the aim of the study is stated ("to improve treatment planning and predictability of aesthetic outcomes"), but not what was actually tested (soft tissue parameters). The authors should transfer their hypothesis from the methods section to the introduction.

Some minor typos: "The study sample comprised …" (First Line Methods section); "Table" and "Figure" should begin with an uppercase letter throughout the manuscript. "Photograph" instead of "photography" within Figure Captions.

The corresponding unit of measurement should be directly given within the top line of each column alongside the parameter measured (e.g. "Mean [mm]“).
The names of the soft tissue points are given in Spanish in Table 1 and should be corrected to the English equivalents.

Within Table 2, the p-values stated as .000 should be transformed to <0.001 and a zero added to each p-value before the decimal.