Letter to the Editor on the article “Soft tissue profile changes after mandibular setback surgery” (Dent Med Probl 2016, 53, 4, 447–453)

List do Redakcji dotyczący pracy pt. „Zmiana profilu tkanek miękkich po jednoszczękowych zabiegach korekcji progenii” (Dent Med Probl 2016, 53, 4, 447–453)

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Respected Editor,

I read with great interest the article by Bogusiak et al.¹ entitled “Soft tissue profile changes after mandibular setback surgery” published in issue 4, 2016 of the journal Dental and Medical Problems and I appreciate the effort of the authors to propose changes in soft tissue profile of the patients after bilateral sagittal split osteotomy vs vertical ramus osteotomy.

Presently, we have seen a transition from hard tissue to soft tissue paradigm and now soft tissue drape serves as the basis for most of orthodontic and orthognathic surgeries.² Cephalometric analysis helps us assess the profile of a patient with various linear and angular measurements. Previous studies on the effect of orthognathic surgery on the upper lip position demonstrate that

Fig. 1. Linear measurements to assess soft tissue profile changes

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the thicker the pretreatment tissue, the less prominent is the post-treatment change^{3,4}. Similarly, it could have an influence on the outcome of the following lower lip position surgery. Therefore, in addition to the parameters mentioned in the aforementioned study, it is important to include a few linear measurements like lip thickness, lip strain or measurements from true vertical line and to assess their changes post-surgery (Fig. 1). Clarification will be highly appreciated.

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