Reviewer’s report

Title: Comparison of condylar morphology changes and position stability following unilateral and bilateral sagittal split mandibular ramus osteotomy in patients with mandibular prognathism

Version: 0 Date: 30 Jan 2019

Reviewer: Marc Christian Metzger

Reviewer’s report:

The authors compare the changes of the condylar morphology in unilateral or bilateral sagittal split osteotomy of the mandibular ramus. A method with limited indications is compared to the standard.

However the given data does not support the conclusion "USSRO is a great alternative for minor asymmetric mandibular prognathism correction with the advantages of reduced operating time and surgical trauma with a stable outcome.". And a one year follow up is not sufficient to show postoperative stability also not with regard to TMJ-disorders.

Questions:

- The authors describe the CBCT Scanner parameters. Did they use these settings from 2005 on?

- Could the authors describe the need or use of the T1 Scan? Other than to see changes in the midline which is expected to happen.

Level of interest

Please indicate how interesting you found the manuscript:

An article whose findings are important to those with closely related research interests

Declaration of competing interests

Please complete a declaration of competing interests, considering the following questions:

1. Have you in the past five years received reimbursements, fees, funding, or salary from an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

2. Do you hold any stocks or shares in an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

3. Do you hold or are you currently applying for any patents relating to the content of the manuscript?
4. Have you received reimbursements, fees, funding, or salary from an organization that holds or has applied for patents relating to the content of the manuscript?

5. Do you have any other financial competing interests?

6. Do you have any non-financial competing interests in relation to this paper?

If you can answer no to all of the above, write 'I declare that I have no competing interests' below. If your reply is yes to any, please give details below.

I declare that I have no competing interests

I agree to the open peer review policy of the journal. I understand that my name will be included on my report to the authors and, if the manuscript is accepted for publication, my named report including any attachments I upload will be posted on the website along with the authors' responses. I agree for my report to be made available under an Open Access Creative Commons CC-BY license (http://creativecommons.org/licenses/by/4.0/). I understand that any comments which I do not wish to be included in my named report can be included as confidential comments to the editors, which will not be published.

I agree to the open peer review policy of the journal