Reviewer’s report

Title: Clinical-surgical treatment of temporomandibular joint disorder in a psoriatic arthritis patient

Version: 1 Date: 2 December 2012

Reviewer: Johannes Kleinheinz

Reviewer’s report:

Puricelli and coworkers describe the case of a patient with severe TMJ problems resulting from a psoriatic arthritis. The proposed treatment consists on a combination of prosthodontic and surgical intervention using a condylotomy on the afflicted side.

Minor Essential Revisions

1. Replace the word „study“ with the word „case“ (pages 2 and 9).
3. On the pre-op CT scan it is obvious that there is a loss of vertical height in the right TMJ as a consequence of the psoriatic arthritis followed by an open bite on the contralateral side. The main problem of the patient is a real structural change, comparable to a non-treated dislocated condylar head fracture. The question is, if the loss of vertical height is the right indication for a condylotomy, which is well described for TMD with symptoms of pain and muscular imbalance. In the long run, the problem is not resolved basically. Could the authors comment on that.
4. Did the authors think about a total joint replacement, for the described arthritis is a progressive disease and a recurrence of the symptoms is likely to occur after a painless period. What would be the trigger factor for a joint replacement, to re-establish the posterior vertical dimension?
5. Could you explain the difference between a condylotomy to a vertical ramus osteotomy.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Declaration of competing interests:

I declare that I have no competing interests.