Reviewer's report

Title: Use of the Intraosseous Screw for Unilateral Upper Molar Distalization and Found Well Balanced Occlusion

Version: 2  Date: 3 February 2006

Reviewer: Carlos Flores Mir

Reviewer's report:

General
Based on the manuscript I am not convinced that the present case report adds something important to the literature. Specially if the authors have previously publish a series of 25 cases with similar approach.

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Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached)

Procedure:
My first impression when I read the report was that the miniscrew was inserted in the middle of the palate. That is questionable in a growing patient. I had to check the reference 1 to understand that it was inserted 3mm to the side. That should be clearly stated in the text without the reference to a previous publication. It could be dangerous to be left as it is.

Discussion:
It should clearly demonstrate what this case report adds to the literature.

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Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)

Summary:
The term study should be changed with case report.
An indication of the use of a transpalatal bar has to be made in this section
A protrusion of 0.5mm can be easily just be a measurement error.

Introduction:
It seems "or extraction" is missing at the end of the first sentence.
Reference 1 does not seem to be adequate to support such a generalization as stated in the second sentence of the introduction.
Reference 16 is from 1983 how it can be used to support a statement like "new area of research".

Patient history:
What happened with the lower left molar?
The mandibular arch does not seem to be crowded. There is enough space to align the dentition.
The mandible looks mildly protruded not in normal position.
How was the force of the coil spring checked?
The application of lingual root torque in a .016x.022 inch wire in a .022 slot is unlikely to produce anything unless a lot more than 60 degrees is applied. Even then is questionable.

Results:
The third sentence is not clear. Did the patients require or not analgesics?
How can the tipping of a specific left tooth be evaluated in a conventional ceph? How are right and left teeth differentiating?

Discretionary Revisions (which the author can choose to ignore)
What next?: Reject as not of sufficient priority to merit publishing in this journal

Level of interest: Reject as not of sufficient priority to merit publishing in this journal

Quality of written English: Needs some language corrections before being published