Reviewer's report

Title: Non-syndromic occurrence of true generalized microdontia with mandibular mesiodens - A rare case

Version: 1 Date: 16 June 2011

Reviewer: alberto sensi

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Major compulsory revisions
1) Considering that an important point is that the condition is not syndromic a dysmorphologic specialistic examination with auxologic data and good morphological description should be mandatory for excluding syndromic forms. (pictures of the face could be useful if possible to get.)

Minor essential revisions
1) the syndromal list with microdontia and with hyperdontia should be updated with reference to specific syndromology databases such as POSSUM or LONDON (change elfin face in williams beuren, trisomy D in trisomy13)
2) Clarify: “Endocrinological evaluation showed that hormone levels were within normal limits”
3) Consanguineity should be better described (first cousins?). Consanguineity could suggest autosomal recessive inheritance: authors say "the case is also sporadic, with no positive family history". But this could be consistent with autosomal recessive etiology (are there sibs? Were they investigated?)
4) "MEDLINE search in the English literature for true generalized revealed zero search" : this sentence is incomplete and not understandable

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' below. If your reply is yes to any, please give details below.