Reviewer’s report

Title: Mandibular growth in infants with Robin sequence treated with the Tübingen palatal plate

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Reviewer: Sergio Salerno

Reviewer's report:

The authors report their retrospective analysis in medical treatment of Pierre Robin Sequence (PRS) using a non invasive treatment.

However the treatment of PRS is still controversial and the authors focused the discussion only in their treatment result.

I agree that sleep studies is the best way to asses the severity of the disease but the authors lack to refers to recent bibliography (MJS Van Lieshouta Robin sequence: A European survey on current practice patterns. doi:10.1016/j.jcms.2015.07.008; Bütow KW: Pierre Robin sequence: Subdivision, data, theories, and treatment - Part 4: Recommended management and treatment of Pierre Robin sequence and its application. doi: 10.4103/2231-0746.186136).

Table 1 present some data repeated in double.

The Tübingen palatal plate should be shows in a figure for a better comprehension by the readers.

The case series include a patient submitted to tracheostomy and three submitted to conventional palatal plate that seems a different management to Tübingen palatal plate that was used in the other patients. The second paragraph of the result is unclear about the number of participant and the exclusion criteria.

Why the authors include these patient with different treatment ? I suggest to refers to a homogeneous treatment group.

The discussion should focus also with the result obtained in other series with different medical treatment and a table of comparison should be insert.

Level of interest

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