Reviewer’s report

Title: An abrupt bleeding of the anteriorly-displaced sigmoid sinus: A rare complication of myringoplasty

Version: 0 Date: 25 Aug 2017

Reviewer: Mustafa ÇELİK

Reviewer's report:

Review of An Anteriorly-displaced Sigmoid Sinus Encountered During Myringolapstyt

The paper aims to draw attention to the anatomic variability of sigmoid sinus during the ear surgery. Although it is not a new condition for tympanoplasty surgery, it is really an important topic to prevent complication of surgery. It should be shared with other surgeons but unfortunately it is not acceptable in its present form. Some corrections need before acceptance.

My recommendation is as follows;

Manuscript Number: ENTD-D-17-00019

Title: An Anteriorly-displaced Sigmoid Sinus Encountered During Myringolapstyt

Article Type: Case report

FURTHER COMMENTS:

Quality of written English:

The first major problem with this paper is the quality of the written English. There are numerous spelling mistakes and the grammar is poor throughout the article. This is going to need correction before any journal is going to publish it. There are problems trying to understand what the authors are trying to put across throughout the paper.

Strengths and Weakness

Abstract;

->The abstract must include background, case presentation and conclusions...Revise the subheadings due to authors guideline of BMC Ear Nose and Throat Disorders.
The title should be attractive and fascinating for readers. I recommended you that the title should be changed with the impressing ones, like "The unexpected position of sigmoid sinus during myringoplasty".

Background;

- It is suitable but should be improved.

- The developmental relationship between the position of sigmoid sinus and the mastoid pneumatization should be added into background.

Case presentation;

- Why did you not perform the temporal bone CT evaluation before surgery?

- Why did you select the temporal muscle fascia as graft for tympanoplasty?

- Please add pre- and postoperative figures.

- Slices of postoperative CT images should be changed more clear ones.

Discussion;

- The discussion should be improved.

- Please add some comments on;

- Why did you not perform the temporal bone CT evaluation;

  * The CT evaluation is routinely performed before tympanoplasty to assess the middle ear conditions, like anatomic variability, the status of ossicles (1,2). The importance of preoperative temporal bone CT evaluation should be emphasized.

- Why did you select the temporal muscle fascia as graft for tympanoplasty;

  * Moreover, there is no consensus on the selection of graft materials for tympanoplasties; it depends entirely on surgeon experience and preferences. There is also no consensus on the best surgical age, surgical procedure and graft materials in tympanoplasties (1).
The development of mastoid pneumatization varies between individuals (3). The degree of pathologic involvement of the middle ear cavity among childhood states the size of the mastoid pneumatization. Increasing the number of pathologic involvement of the middle ear cavity among childhood decreases the degree of the mastoid pneumatization. Considering the location of the mastoid air cell system, anatomic variability of adjacent structures affect the development of the mastoid pneumatization and vice versa (4). The anteriorly position of sigmoid sinus may be depend on lower mastoid pneumatization. I agree with you but you should improve this idea with embriological aspect.

Please explain the clinical implications of this case report; preoperative evaluation, surgical attentions, prevention of complications and follow-up period..

The follow-up period of patient is confusing during the manuscript;
- case presentation; 2 months..
- discussion; 3 months..

Please correct this confusing.

Conclusions;
- It is adequate.

References;
- Please review current literature on mastoid pneumatization into the references list.

REVIEW REFERENCES


**Are the methods appropriate and well described?**
If not, please specify what is required in your comments to the authors.

Unable to assess

**Does the work include the necessary controls?**
If not, please specify which controls are required in your comments to the authors.

Unable to assess

**Are the conclusions drawn adequately supported by the data shown?**
If not, please explain in your comments to the authors.

Unable to assess

**Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?**
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

Not relevant to this manuscript

**Quality of written English**
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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

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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.

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