

March 22, 2022.

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: Manuscript NO: 74955-Revised manuscript.doc).

Title: Advanced magnetic resonance imaging findings in salivary gland tumors

Authors: Erkan Gökçe, Murat Beyhan

Name of Journal: *World Journal of Radiology*

Manuscript Type: MINIREVIEWS

Manuscript NO: 74955

The manuscript has been improved according to the suggestions of editor and reviewers

Sincerely.

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(1) Science editor:

This manuscript reviews the contribution of advanced MRI to the diagnosis and differential diagnosis of SGTS. The manuscript is well written and can be helpful for the readers to ameliorate the diagnostic and therapeutic approach for this scenario. Some suggestions : 1. It is unacceptable to have more than 3 references from the same journal. To resolve this issue and move forward in the peer-review/publication process, please revise your reference list accordingly. 2. The article needs a great deal of language polishing, also, please avoid long sentences.

Answer: In line with the recommendations of the science editor, no more than three sources from the same journal were used in the references section. The References section has been updated and rearranged according to the format of your journal. The article was edited by a native speaker for language polishing.

Reviewer #1: *The authors of the submitted manuscript intend to present a comprehensive review on the issue of advanced magnetic resonance imaging findings in salivary gland tumors. The content would add academic value to the readers of the journal.*

Answer 1: We would like to thank the reviewer for her/his valuable comments.

Reviewer #2: *The authors summarized the advantages of the advanced MRI sequences. It is considered a useful review for understanding the overview. A few comments. In the chapters on individual tumors, it would be better and easier to understand if an overview of the latest WHO classification is given at the beginning, and then each tumor is described based on it. Consider also the use of tables. The description of some of the tumor types is not enough. For example, a systematic review of the imaging findings of mammary analogue secretory carcinoma has recently been published. [PMID: 34427706] Please check to make sure it is up to date on other tumor types as well. Given that the authors included descriptions of lymphomas and hemangiomas, etc., it would be better to also describe secondary tumors (metastases), which is important salivary gland malignancy. For other rare types of tumors, if there is a lack of knowledge of the imaging findings in the literature, it would be better to explain this. Please remove the dates from TICs of Figures 1, 2, and 4.*

Answer 2: We would like to thank the reviewer for her/his valuable comments.

- a) Information about the latest WHO classification of salivary gland tumors has been added to the beginning of the individual tumors chapter, in line with the reviewer's recommendation. The latest WHO classification published in 2017 in the form of a table has been added to the article.
- b) "Mammary analogue secretory carcinoma", which was added to the latest classification in the section of malignant tumors of the salivary glands, was added as a subheading in line with the reviewer's recommendation. In addition, the subtitle "Epithelial-myoeplithelial carcinoma" has been added to this part.
- c) In line with the reviewer's recommendation, the subtitle "Secondary malignancies of the salivary glands (Metastases)" was added to the section of malignant tumors of the salivary glands.
- d) In line with the reviewer's recommendation, we removed the dates from TICs of Figures 1, 2, and 4.