

Dear Sir,

We would like to re-submit our revised invited manuscript entitled "Radiation-induced sarcomas of the head and neck" for consideration in World Journal of Clinical Oncology. We would like to thank the editor and reviewers for their comments and have strived to address all of their concerns and issues raised, which have been described below. We hope that the manuscript is not acceptable for publication.

Best regards,

A Thiagarajan

NG Iyer

Name of journal: *World Journal of Clinical Oncology*

ESPS Manuscript NO: 11754

Title: Radiation-induced sarcomas of the head and neck

Authors: Anuradha Thiagarajan, N Gopalakrishna Iyer

Response to reviewers:

General comments Radiation-induced sarcomas (RIS) are increasingly seen in the long-term survivors of head and neck cancers. This review discussed some of the important clinical issues in this area by an overview of pathology, clinical presentation, diagnostic, staging evaluation and management of RIS of head and neck. The contents of the review are clinically relevant and may provide some guidance for the professionals in clinical practice and experimental medicine.

>thank you for your positive comments

Specific comments 1. Early detection and optimal multidisciplinary treatment are not only crucial for RIS of head and neck, but also for all malignancies. Therefore, the authors may discuss issues that > are unique in RIS in appropriate sections.

>these have now been included in the text

2. In the section of diagnostic and staging evaluation, authors may need to present some images, such as CT or MRI, to illustrate the roles of imaging diagnostics in RIS. Also, it would be more instructive if the authors could provide an additional table to list the advantages and disadvantages of different imaging methods.

>this is an excellent suggestion and we have included a new table to reflect this as suggested

This review article discusses the secondary malignancies due to radiation therapy. Although this will be useful for reader but the written document is hard to follow. The authors need to rewrite all parts of the manuscript and have edited by professional English Editing and Proofreading services. Authors need to discuss the underlying mechanism of radiation-induced sarcoma.

>these points have been incorporated in the text

Authors also need to describe the review in more detail providing the clinical radiation dose ranges that could contribute to secondary malignancies as well as the effect of chemotherapy along with radiotherapy should be discussed.

>these points have also been addressed in the relevant sections as suggested

It will be beneficial for readers if authors present the key findings of the review in a figure.

>this is an excellent suggestion and we have included this in a table format