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**Manuscript Scope:** Clinical Practice

**Category:** Radiology, Nuclear Medicine and Medical Imaging

**Column:** Minireviews

**Title:** Adaptive Radiation Therapy (ART) of the intact breast by repeated imaging during the course of irradiation: implications for an improved therapeutic ratio

Sager O *et al.* Adaptive radiation therapy for breast cancer

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Dear Editor,

We would like to thank the Editorial Board and the expert reviewer for constructive suggestions and insightful comments to improve the quality of our manuscript.

In light of the comments for authors, the manuscript has been revised as follows:

### **Comments for Authors**

The author must revise the manuscript according to the Editorial Office's comments and suggestions, which listed below:

**(1) Science Editor:** 1 Scientific quality: The manuscript is a minireview of Adaptive Radiation Therapy (ART) of the intact breast by repeated imaging during the course of irradiation. The topic is in the scope of WJR. (1) Classification: Grade C. (2) Summary of the peer-review report: The study is quite interesting, well written, the language is satisfactory and the figure and the table are well organized. I have one minor concern regarding an article presented in the table. In article by Alderliesten et al, reference 60, the authors write that the relevant findings at repeated imaging for boost RT the mean sarcoma volume is 63 cc as was in relevant findings at initial imaging for RT. Actually it was 25 cc and not 63 cc. This must be corrected accordingly. . (3) Format: 1 table and 1 figure. 63 references were cited, including 15 references published in the last three years. No self-citation. 2 Language evaluation: Grade A. Language editing certificate was not properly provided. 3 Academic norms and rules: The conflict-of-interest disclosure the Copyright License Agreement were provided. No academic misconduct was found in the CrossCheck search and the Bing search. 4 Supplementary comments: (1) Invited manuscript. (2) Without financial support. (3) Corresponding author has published 1 article in WJCO. 5 Issues raised: None. 6 Re-Review: Not required. 7 Recommendation: Conditional acceptance.

**(2) Editorial Office Director:** I have checked the comments written by the science editor.

**(3) Company Editor-in-Chief:** I have reviewed the Peer-Review Report and the full text of the manuscript, of which have met the basic publishing requirements, and the manuscript is conditionally accepted with major revision. Before final acceptance, the authors need to meet language requirement by submitting the English Language Certificate or a statement indicating whether the quality of the manuscript's English language reaches Grade A or not.

Reviewer #1:

**Scientific Quality:** Grade C (Good)

**Language Quality:** Grade A (Priority publishing)

**Conclusion:** Accept (General priority)

**Specific Comments to Authors:** In this manuscript Sager O et al. performed a minireview in order to evaluate the adaptive radiation therapy (ART) of the intact breast by repeated imaging during the course of irradiation and its implications for an improved therapeutic ratio, They finally manage to show that there is evidence supporting the utility of ART for breast cancer management, however, future trials are needed for validation of dosimetric and clinical results of ART with repeated imaging at different time points during the course of breast irradiation. Overall, the study is quite interesting, well written, the language is satisfactory and the figure and the table are well organized. I have one minor concern regarding an article presented in the table. In article by Alderliesten et al, reference 60, the authors write that the relevant findings at repeated imaging for boost RT the mean sarcoma volume is 63 cc as was in relevant findings at initial imaging for RT. Actually it was 25 cc and not 63 cc. This must be corrected accordingly. My final decision is that the study merits to be accepted for publication to the WJR taking into account the above mentioned issue.

#### **Relevant Modifications**

**We, all authors, feel obliged to acknowledge our debt of gratitude for insightful comments and excellent handling of our manuscript. In light of the comments for authors, we have now corrected the inadvertently written 63 cc as 25 cc in the current revised version of the manuscript.**

**(Relevant findings at repeated imaging for boost RT on Table 1 for the reference by Alderliesten et al. which was inadvertently submitted as “Mean seroma volume 63 cc at repeated CT-simulations for tumor bed boost” is now corrected as “Mean seroma volume 25 cc at repeated CT-simulations for tumor bed boost” in the current revised version of the manuscript on revised Table 1.**

**Also, the References section has been modified to comply with the Instructions for Authors, and a formal Language Editing Certificate is now provided as**



**Finally, we, all authors, acknowledge our debt of gratitude to the distinguished Editorial Board and the expert peer-reviewer who contributed greatly to the improvement of the quality of our manuscript to reach a considerable level of publication in the esteemed “World Journal of Radiology”.**

**Thanking you and the expert reviewer again for the meticulous review process and excellent handling of our manuscript,**

**We remain with our Kindest Regards**

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