Author’s response to reviews

Title: Abscopal effect of radiation on multiple lung metastases of lung adenocarcinoma: a case report

Authors:

Aoi Kuroda (aoik02aoik02@gmail.com)
Takaya Tabuchi (tabuchit@tdc.ac.jp)
Eri Iwami (okavango33et@gmail.com)
Kotaro Sasahara (k.sasahara1010@gmail.com)
Tatsu Matsuzaki (tmatsuzaki@tdc.ac.jp)
Takahiro Nakajima (tnakajima@tdc.ac.jp)
Yuki Tsutsumi (ytsutsumi@tdc.ac.jp)
Keisuke Eguchi (keguchi@tdc.ac.jp)
Takeshi Terashima (terasima@tdc.ac.jp)

Version: 2 Date: 09 Mar 2019

Author’s response to reviews:

March 7th, 2019

Dr. Maurizio Martini, MD, Ph.D.
Associate Editor
BMC Cancer

Dear Dr. Maurizio Martini:
Along with my coauthors, I would like to resubmit the attached manuscript, titled “Abscopal effect of radiation on multiple lung metastases of lung adenocarcinoma: a case report” as a “Case Report” for publication in BMC Cancer. The manuscript ID is: BCAN-D-18-03040.

We wish to thank the reviewers for their valuable and constructive advice regarding our manuscript. We believe that their insightful suggestions have enriched our manuscript and allowed us to produce a better and more balanced account of our research.

We have carefully rechecked our manuscript and made the necessary revisions (highlighted in red font in the revised file) in accordance with the reviewers’ suggestions. Please find enclosed our point-by-point responses to the comments and concerns raised.

We believe that the quality of our manuscript has been substantially improved and hope that the revised version is now suitable for publication in your esteemed journal.

Thank you for your continued consideration.

We look forward to hearing from you at your earliest convenience.

Sincerely,

Takeshi Terashima, M.D., Ph.D.
Department of Respiratory Medicine, Tokyo Dental College Ichikawa General Hospital
5-11-13 Sugano, Ichikawa, Chiba 272-0824, Japan
Tel.: +81-47-322-0151
Fax: +81-47-325-4456
E-mail: terasima@tdc.ac.jp

RESPONSES TO THE REVIEWER’ S COMMENTS
Reviewer #2

We wish to thank the reviewer for their thoughtful comments.

Firstly, the target was irradiated with the "opposing anterior-posterior fields". Moreover, the description of "multiple beams" in line #93, page 7 is vague. How did she treated thereafter? Multiple (how many) static or arc radiotherapy? Anyway, you can say only a small amount of lung volume got away of irradiation. So, the authors should demonstrate the complete disappearance of "out-of-fields" metastases in the text and figure.

Response: Thank you for this suggestion.

We have replaced “two opposed lateral fields” with “opposing anterior-posterior fields”. (page 7, line 91 to 92, and figure 1 legend).

We have replaced “multiple beams” with “10 beams”. (page 7, line 93, and figure 1 legend).

We have replaced “Treatment” with “Static radiotherapy”. (page 8, line 98).

We believe that these changes have made the manuscript clear.

In the text, we mentioned that “Interestingly, a follow-up chest CT scan performed 12 weeks after the completion of irradiation therapy showed complete disappearance of the multiple pulmonary metastases associated with radiation pneumonitis (Fig. 2)”. Fig.2 (column B) showed complete disappearance of the multiple pulmonary metastases.