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Column: Case Report

Title: Breathing Adapted Radiation Therapy (BART) for Leukemia Relapse in the Breast: Report of a Case and Literature Review

Authors: Omer Sager, Ferrat Dincoglan, Selcuk Demiral, Bora Uysal, Hakan Gamsiz, Fatih Ozcan, Onurhan Colak, Yelda Elcim, Bahar Dirican and Murat Beyzadeoglu

Correspondence to: Omer Sager, MD, Associate Professor, Radiation Oncologist, Department of Radiation Oncology, University of Health Sciences, Gulhane Medical Faculty, Department of Radiation Oncology, Gulhane Medical Faculty, University of Health Sciences, Gn.TevfikSaglam Cad., Etlik, 06018, Kecioren, Ankara, Turkey. omersager@gmail.com, Ankara 06018, Turkey. omersager@gmail.com

Reviewer code: 00646291, and 02627036

First decision: 2019-08-06

Science editor: Ruo-Yu Ma

Dear Editor,

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

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

Peer-Reviewer Comments and Relevant Modifications

Peer-Reviewer 1  How was the patient diagnosed with T-cell ALL? Give me some evidence in some laboratory pictures.

Peer-Reviewer 1 **A1** We, all authors, feel obliged to acknowledge our debt of gratitude to the esteemed peer-reviewer for insightful comments and excellent handling of our manuscript. In light of the instructions of the esteemed peer-reviewer, the sentence “Initial laboratory data showed increased leukocyte count of 105×10^9 per liter (L), decreased hemoglobin level of 7.8 milligrams per deciliter (mg/dL), and decreased platelet count of $28 \times 10^9/L$.” is now included in the current revised version of the manuscript.

(28th-29th lines on the 5th page and 1st-2nd lines on the 6th page of the current revised version of the manuscript)

Peer-Reviewer 1 **A2** Please delete "This contemporary treatment technique may offer a viable management modality and may be incorporated into treatment of patients with leukemic infiltration of the breasts with T-ALL. Further study is needed for optimal management of this very rare entity." - and please write what is your TAKE HOME MESSAGE for

Peer-Reviewer 1 **A2** We, all authors, feel obliged to acknowledge our debt of gratitude to the esteemed peer-reviewer for insightful comments and excellent handling of our manuscript. In light of the instructions of the esteemed peer-reviewer, the sentences “This contemporary treatment technique may offer a viable management modality and may be incorporated into treatment of patients with leukemic infiltration of the breasts with T-ALL. Further study is needed for optimal management of this very rare entity.” are now removed the current revised version of the manuscript and the Conclusion sections of the Abstract and the text are now modified as

“CONCLUSION

BART with the ABC system resulted in complete resolution of the patient’s symptoms due to leukemic infiltration of both breasts with T-ALL. This

contemporary treatment technique should be preferred for radiotherapeutic management of patients with leukemic infiltration of the breasts to achieve effective symptomatic palliation.”

in the current revised version of the manuscript.

Peer-Reviewer 2 **Q1** The type of systemic chemotherapy the patient had received prior to hematopoietic stem cell transplantation should be mentioned as it could be relevant to the ALL cells' infiltration in the breast.

Peer-Reviewer 2 **A1** **We, all authors, feel obliged to acknowledge our debt of gratitude to the esteemed peer-reviewer for insightful comments and excellent handling of our manuscript. In light of the instructions of the esteemed peer-reviewer, the sentence “She had received intensive systemic chemotherapy which resulted in complete remission of her disease, and then underwent allogeneic hematopoietic stem cell transplantation.” is now modified to include the type of systemic chemotherapy the patient had received prior to hematopoietic stem cell transplantation as “She received intensive systemic chemotherapy including L-asparaginase, prednisone, vincristine, and intrathecal methotrexate, hydrocortisone, and cytosine arabinoside which resulted in complete remission of her disease, and then underwent allogeneic hematopoietic stem cell transplantation.”**

in the current revised version of the manuscript.

(2nd-5th lines on the 6th page of the current revised version of the manuscript)

Peer-Reviewer 2 **Q2** The sentence “Involvement of the breast by leukemia...” should be expressed differently possibly “Infiltration of the breast by leukemic cells...”. “Polimerase chain reaction analysis...” polymerase instead of polimerase. “...at moderate deep inspiation during treatment...” inspiration instead of inspiration.

Peer-Reviewer 2  We, all authors, feel obliged to acknowledge our debt of gratitude to the esteemed peer-reviewer for insightful comments and excellent handling of our manuscript. In light of the instructions of the esteemed peer-reviewer, relevant modifications are now included in the current revised version of the manuscript. Also, the whole manuscript has been thoroughly checked for grammatical errors and intellectual content by a native speaker colleague, and relevant modifications were performed throughout the manuscript to avoid grammatical, semantical/stylistic and typographical errors. After extensive modifications throughout the manuscript, we, all authors, consider that the manuscript is now properly revised to improve the interpretation and understanding of its content by the respected experts and wide readership of the esteemed “World Journal of Clinical Oncology”.

Finally, we, all authors, acknowledge our debt of gratitude to the distinguished Editorial Board and the expert peer-reviewers 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 Clinical Oncology”.

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

We remain with our Kindest Regards

Omer Sager, MD, Associate Professor, Radiation Oncologist, Department of Radiation Oncology, University of Health Sciences, Gulhane Medical Faculty, Department of Radiation Oncology, Gulhane Medical Faculty, University of Health Sciences, Gn.TevfikSaglam Cad., Etlik, 06018, Kecioren, Ankara, Turkey

E-mail: omer.sager@sbu.edu.tr

Telephone: +90-312-3044682

Fax: +90-312-3044680