

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 86929

Title: Pulmonary reversed halo cycles and consolidations after immunotherapy: A case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03372482

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Academic Research, Assistant Professor, Associate Professor

Reviewer's Country/Territory: Egypt

Author's Country/Territory: China

Manuscript submission date: 2023-07-18

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-07-19 07:39

Reviewer performed review: 2023-07-19 07:45

Review time: 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

BACKGROUND: Immune checkpoint inhibitor-associated interstitial lung disease (ICI-ILD) and opportunistic pneumonias were the main pulmonary complications during immunotherapy for malignancies. Organizing pneumonia (OP) pattern was one of the common radiological manifestations of ICI-ILD, and OP was the most common cause of reversed halo cycles and consolidations. However, opportunistic pneumonias should be excluded. **CASE SUMMARY:** In this report, we described a 44-year-old man with esophageal cancer who showed multiple reversed-halo cycles and consolidations in chest CT after a cold during the immunotherapy. He was diagnosed with esophageal squamous-cell cancer (T2N1M0) after surgery. Then he was performed with 6 cycles of chemotherapy plus Tislelizumab one cycle of radiotherapy and 9 cycles of Tislelizumab successfully. Two months later, he complained of low-grade fever and cough with non-purulent sputum after a cold. Community-acquired pneumonia was considered but moxifloxacin was ineffective. Chest CT showed multiple reversed-halo cycles and consolidations. M. tuberculosis was identified with next-generation sequence analysis for bronchoalveolar lavage fluid (BALF). He was improved with standard

anti-tuberculosis medications two months later. Both the cycles and consolidations disappeared in the repeated CT after 6 months of medications. **CONCLUSION:** When chest CT showed reversed-halo cycles and consolidations during the anti-cancer immunotherapy, both ICI-ILD and infectious pneumonia should be considered for patients. BALF microbiological analysis was helpful to differentiate them. **In General:** it's a good paper and the subject of the manuscript is applicable and useful. **Title:** the title properly explains the purpose and objective of the article **Abstract:** abstract contains an appropriate summary for the article, the language used in the abstract is easy to read and understand, and there are no suggestions for improvement. **Introduction:** authors do provide adequate background on the topic and reason for this article and describe what the authors hoped to achieve. **MATERIALS AND METHODS:** - The variables selected for the study are described clearly and are appropriate, given the nature of the question asked. - The research design is described in detail. - The research design is appropriate and does not contain particular weaknesses. - The measurement instrument, including its psychometric qualities, is described clearly. - The population of interest and the sampling procedure are defined clearly. - The data collection procedure is clearly described. - The setting in which the study took place is described. - The data analysis procedures are stated in precise terms. - The data analysis procedures are appropriate. **Results:** the results are presented clearly, the authors provide accurate research results, and there is sufficient evidence for each result, Specific data accompany the result statement, and Tables and figures are used efficiently. **Conclusion:** in general: Good and the research provides sample data for the authors to make their conclusion. **Grammar:** There are a lot of grammatical errors. This must be taken care of and addressed. . (Check The Paper Comments).

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 86929

Title: Pulmonary reversed halo cycles and consolidations after immunotherapy: A case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03709972

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Taiwan

Author's Country/Territory: China

Manuscript submission date: 2023-07-18

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-08-05 03:41

Reviewer performed review: 2023-08-12 00:21

Review time: 6 Days and 20 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Dear Editor. Thanks for this opportunity to review for World Journal of Gastrointestinal Oncology, one of the top journals in this field. The editor searched “(reversed halo sign) AND (immunotherapy) AND (Tuberculosis)” on Pubmed and found no relevant studies. Therefore, the current manuscript was somehow novel. However, as the authors stated “Pulmonary tuberculosis is the most common cause for granulomatous reversed halo signs”, and tuberculosis was common in China, and compromised immunity was expected for patients treated with immunotherapy. Therefore, the scenario presented in this case report was reasonable and not unexpected. I hope my comments will help for your evaluation for this manuscript. Regards Chun-Ru Chien. A well written case report