PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 77486

Title: Immune checkpoint inhibitor-associated arthritis in advanced pulmonary adenocarcinoma: A case report and literature review

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 03724988

Position: Editorial Board

Academic degree: MD

Professional title: Assistant Professor, Research Associate

Reviewer’s Country/Territory: Italy

Author’s Country/Territory: China

Manuscript submission date: 2022-05-10

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-05-17 10:17

Reviewer performed review: 2022-05-17 11:09

Review time: 1 Hour

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<th>Scientific quality</th>
<th>[ ] Grade A: Excellent</th>
<th>[ Y] Grade B: Very good</th>
<th>[ ] Grade C: Good</th>
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<td>[ ] Grade D: Fair</td>
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<td>[ ] Grade C: A great deal of language polishing</td>
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<th>Conclusion</th>
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<td>[ Y] Minor revision</td>
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SPECIFIC COMMENTS TO AUTHORS

This case report is of interest, given the frequent use of ICIs and the relative paucity of reports about immune-related arthritis. Overall the paper is well written. The Authors, however, should provide a more detailed description of the characteristics of this inflammatory joint disease.

COMMENTS

1. Page 2, Abstract conclusions: "our our". Please correct.

2. Page 3, introduction: "senile arthritis". Do the Authors mean osteoarthritis? In case, please use this term. Also, it is not so easily confused as the timing and characteristics of symptoms differ from that of inflammatory arthritis. I suggest to state that physicians not expert in rheumatic disease could confuse the two conditions.


5. Page 4, history of present illness: "according to CTCAE". Which version of CTCAE?

6. Page 5, physical examination. For each joint, please report the presence/absence of all the following: spontaneous pain, tenderness, swelling, functional limitation, heat. Also, were these findings symmetric or asymmetric? I also suggest to provide these information in a dedicated paragraph: was the pain present when the patient wake up? Was it present during the night? Approximately, after how many minutes after mobilization did the pain abate? All of these information are key in describing any arthritis.

7. Page 6, follow-up. The Authors state that the symptoms improved but persisted. Please detail whether the symptoms steadily improved after steroids or completely resolved and then reappeared after steroid tapering/stop.

8. Page 6, follow-up. The most recent follow-up was in November 2021. Given that patients with lung cancers are evaluated at least every 6 months, the Authors...
should provide up-to-date information to increase the quality of their report.
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**Reviewer’s code:** 05345731  
**Position:** Peer Reviewer  
**Academic degree:** BSc, MD  
**Professional title:** Doctor  
**Reviewer’s Country/Territory:** Kazakhstan  
**Author’s Country/Territory:** China  
**Manuscript submission date:** 2022-05-10  
**Reviewer chosen by:** Dong-Mei Wang  
**Reviewer accepted review:** 2022-06-15 14:25  
**Reviewer performed review:** 2022-06-15 14:32  
**Review time:** 1 Hour

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SPECIFIC COMMENTS TO AUTHORS
Great case and literature review! The case will be more educational if authors could provide photographs of the affected joints BEFORE OR/AND AFTER treatment and DURING REMISSION phase.