

Dear Editor in Chief, World Journal of Radiology

Thank you very much for allowing us to revise our manuscript. We provide our detailed responses to each of the reviewer and editor comments in this document.

Reviewer #1:

Scientific Quality: Grade C (Good)

Language Quality: Grade A (Priority publishing)

Conclusion: Accept (General priority)

Specific Comments to Authors: This is a well written clinical paper with simple methodology and clear findings. The main finding is that SUVmax/mean is higher in symptomatic shoulders rather than asymptomatic shoulders for lung cancer patients. I am not a radiologist but I think it would be of interest to the readers of the journal. The authors could consider performing a textural analysis on the PET images to maybe enhance the impact of the paper.

Author response: We thank the reviewer for taking the time to review our manuscript and giving us positive feedback. Although texture analysis is indeed an interesting research method, such Radiomics analysis is totally outside the scope of our research study and that will be a completely different research paper altogether, and as such it is not possible to incorporate it in this revision process. Perhaps, texture analysis is relevant as a future direction of this study.

Author action: We added the following sentence in the “Research perspectives” section of the revised manuscript submission form.

“Future studies may endeavor to perform radiomics research (texture analysis) on the PET-CT images.”

4 LANGUAGE POLISHING REQUIREMENTS FOR REVISED MANUSCRIPTS SUBMITTED BY AUTHORS WHO ARE NON-NATIVE SPEAKERS OF ENGLISH

As the revision process results in changes to the content of the manuscript, language problems may exist in the revised manuscript. Thus, it is necessary to perform further language polishing that will ensure all grammatical, syntactical, formatting and other related errors be resolved, so that the revised manuscript will meet the publication requirement (Grade A).

Authors are requested to send their revised manuscript to a professional English language editing company or a native English-speaking expert to polish the manuscript further. When the authors submit the subsequent polished manuscript to us, they must provide a new language certificate along with the manuscript.

Once this step is completed, the manuscript will be quickly accepted and published online. Please visit the following website for the professional English language editing companies we recommend: <https://www.wjgnet.com/bpg/gerinfo/240>.

Author response: All authors of this manuscript are based in the United States and are native speakers/writers of English. The first author (Daichi Hayashi) who is the main author of this paper is an expert of scientific writing in English and has about 100 English-written research papers in radiology (please see PubMed or Google Scholar to confirm this fact) and made sure English grammar is accurate and there is no need for any editing company assistance.

5 ABBREVIATIONS

In general, do not use non-standard abbreviations, unless they appear at least two times in the text preceding the first usage/definition. Certain commonly used abbreviations, such as DNA, RNA, HIV, LD50, PCR, HBV, ECG, WBC, RBC, CT, ESR, CSF, IgG, ELISA, PBS, ATP, EDTA, and mAb, do not need to be defined and can be used directly.

The basic rules on abbreviations are provided here:

(1) Title: Abbreviations are not permitted. Please spell out any abbreviation in the title.

Author response: We used the term “PET-CT” in the title, as we believe both PET and CT are extremely commonly used abbreviations in Radiology and all readers can understand what it means.

(2) Running title: Abbreviations are permitted. Also, please shorten the running title to no more than 6 words.

Author response: We provided the following running title (6 words) – “Shoulder adhesive capsulitis in cancer patients”

(3) Abstract: Abbreviations must be defined upon first appearance in the Abstract. Example 1: Hepatocellular carcinoma (HCC). Example 2: *Helicobacter pylori* (*H. pylori*).

Author response: This was done.

(4) Key Words: Abbreviations must be defined upon first appearance in the Key Words.

Author response: This was done.

(5) Core Tip: Abbreviations must be defined upon first appearance in the Core Tip. Example 1: Hepatocellular carcinoma (HCC). Example 2: *Helicobacter pylori* (*H. pylori*)

Author response: This was done.

(6) Main Text: Abbreviations must be defined upon first appearance in the Main Text. Example 1: Hepatocellular carcinoma (HCC). Example 2: *Helicobacter pylori* (*H. pylori*)

Author response: This was done.

(7) Article Highlights: Abbreviations must be defined upon first appearance in the Article Highlights. Example 1: Hepatocellular carcinoma (HCC).

Example 2: *Helicobacter pylori* (*H. pylori*)

Author response: This was done.

(8) Figures: Abbreviations are not allowed in the Figure title. For the Figure Legend text, abbreviations are allowed but must be defined upon first appearance in the text. Example 1: A: Hepatocellular carcinoma (HCC) biopsy sample; B: HCC-adjacent tissue sample. For any abbreviation that appears in the Figure itself but is not included in the Figure Legend textual description, it will be defined (separated by semicolons) at the end of the figure legend. Example 2: BMI: Body mass index; US: Ultrasound.

Author response: This was done.

(9) Tables: Abbreviations are not allowed in the Table title. For the Table itself, please verify all abbreviations used in tables are defined (separated by semicolons) directly underneath the table. Example 1: BMI: Body mass index; US: Ultrasound.

Author response: This was done.

6 EDITORIAL OFFICE'S COMMENTS

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

(1) Science editor:

1 Scientific quality: The manuscript describes a prospective study of the shoulder adhesive capsulitis in cancer patients undergoing PET-CT and the association with shoulder pain. The topic is within the scope of the WJR. (1) Classification: Grade C; (2) Summary of the Peer-Review Report: This is a well written clinical paper with simple methodology and clear findings. The main finding is that SUVmax/mean is higher in symptomatic shoulders rather than asymptomatic shoulders for lung cancer patients. The questions raised by the reviewers should be answered; (3) Format: There are 3 tables and 2 figures; (4) References: A total of 17 references are cited, including 1 reference published in the last 3 years; (5) Self-cited references: There is no self-cited reference. The self-referencing rates should be less than 10%. Please keep the reasonable self-citations (i.e. those that are most closely related to the topic of the manuscript) and remove all other improper self-citations. If the authors fail to address the critical issue of self-citation, the editing process of this manuscript will be terminated; and (6) References recommendations: The authors have the right to refuse to cite improper references recommended by the peer reviewer(s), especially references published by the peer reviewer(s) him/herself (themselves). If the authors find the peer reviewer(s) request for the authors to cite improper

references published by him/herself (themselves), please send the peer reviewer's ID number to editorialoffice@wjgnet.com. The Editorial Office will close and remove the peer reviewer from the F6Publishing system immediately. 2 Language evaluation: Classification: Grade A. 3 Academic norms and rules: The authors provided the Biostatistics Review Certificate, the Institutional Review Board Approval Form. Written informed consent was waived. No academic misconduct was found in the Bing search. 4 Supplementary comments: This is an unsolicited manuscript. No financial support was obtained for the study. The topic has not previously been published in the WJR.

Author response: There is no author action required for Editor comments above.

5 Issues raised:

(1) The "Author Contributions" section is missing. Please provide the author contributions;

Author response and action: We provided the following.

Hayashi D, Gould E, Huang M designed the research study. Hayashi D, Gould E, Shroyer R, van Staalduinen E, Mufti M, and Huang M performed the research including data collection and electronic medical record review. Gould E, Shroyer R, and Huang M interpreted PET-CT images. Yang J performed the statistical analyses. Hayashi D analyzed results and wrote the manuscript. All authors have read, edited, and approved the final manuscript.

(2) The authors did not provide original pictures. Please provide the original figure documents. Please prepare and arrange the figures using PowerPoint to ensure that all graphs or arrows or text portions can be reprocessed by the editor;

Author response and action: We provided the requested PowerPoint containing figures in this manuscript.

(3) PMID and DOI numbers are missing in the reference list. Please provide the PubMed numbers and DOI citation numbers to the reference list and list all authors of the references. Please revise throughout; and

Author response and action:

(4) The "Article Highlights" section is missing. Please add the "Article Highlights" section at the end of the main text.

Author response and action: We provided the "Article Highlights" section as requested.

6 Re-Review: Not required.

Author response: No author action required for this comment.

7 Recommendation: Conditional acceptance.

Author response: No author action required for this comment.

(2) Company editor-in-chief:

I have reviewed the Peer-Review Report, the full text of the manuscript, and the relevant ethics documents, all of which have met the basic publishing requirements of the World Journal of Virology, and the manuscript is conditionally accepted. I have sent the manuscript to the author(s) for its revision according to the Peer-Review Report, Editorial Office's comments and the Criteria for Manuscript Revision by Authors. Before final acceptance, uniform presentation should be used for figures showing the same or similar contents; for example, "Figure 1 Pathological changes of atrophic gastritis after treatment. A: ...; B: ...; C: ...; D: ...; E: ...; F: ...; G: ...".

Author response: Thank you very much for conditionally accepting our manuscript. We really appreciate it. We hope our revision of the manuscript is satisfactory. Please note we submitted our paper to World Journal of Radiology, and not World Journal of Virology (just to make sure...). Our figures are labelled in the uniform fashion, as requested.