

Reviewer #1:

This is a comprehensive review on COVID-19 imaging. The content is novel and of contemporary significance. It is worthy of publishing for relevant professionals to read. – *Thank you.*

Question 1: Judging from the paper, the main content includes 1. The **pulmonary** manifestations of COVID-19 and related imaging methods. 2. **Extrapulmonary** manifestations of COVID-19 and related imaging methods. 3. **Other topics**, such as children, infection control, delayed screening of other diseases, artificial intelligence, etc. This sort of logical relationship may seem easier to understand. – *Thank you. We have adjusted the main headings so that the subdivisions are clearer.*

Question 2: We have added In reference 117, regarding the extrapulmonary manifestations of COVID-19, in addition to injury to heart, digestive tract and nervous system which have been reviewed above, **acute kidney injury, hyperglycemia and ketosis, ocular symptoms, and dermatologic complications** also exist. Are there related imaging findings could be lessened or discussed? ---*We have added separate sections on Peripheral nervous, ocular, musculoskeletal, cutaneous manifestations, and added renal manifestations under the Abdominal section.*

Question 3: Regarding the reasons for the limitations of AI in the diagnosis application of COVID-19, the **selection bias of training data, the legislative procedure and related ethical support** are all needed to be considered. --- *We have added a paragraph about the limitations of AI.*

Question 4: **References** 59, 85, 168, and 173 have some formatting issues. --- *We have fixed the mistakes on the references.*

#### 4 LANGUAGE QUALITY

Please resolve all **language** issues in the manuscript based on the peer review report. Please be sure to have a native-English speaker edit the manuscript for grammar, sentence structure, word usage, spelling, capitalization, punctuation, format, and general readability, so that the manuscript's language will meet our direct publishing needs. ---*We have made the appropriate corrections.*

#### 5 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 review of the imaging in the COVID-19 era. The topic is within the scope of the WJR. (1) Classification: Grade B;

(2) Summary of the Peer-Review Report: This is a comprehensive review on COVID-19 imaging. The content is novel and of contemporary significance. It is worthy of publishing for relevant professionals to read. The questions raised by the reviewers should be answered;

(3) Format: There are 7 figures;

(4) References: A total of 183 references are cited, including 175 references published in the last 3 years;

(5) Self-cited references: There is no self-cited reference; 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 B

3 Academic norms and rules: No academic misconduct was found in the Bing search.

4 Supplementary comments: This is an invited manuscript. No financial support was obtained for the study. The topic has not previously been published in the WJR.

5 Issues raised:

(1) The “**Author Contributions**” section is missing. Please provide the author contributions; -- *We have added the author contributions.*

(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; -- *We are attaching the power point with all the images.*

(3) **PMID** 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; -- *We have added the PMID on all articles that have one.*

(4) If an author of a submission is re-using a **figure** or figures published elsewhere, or that is copyrighted, the author must provide documentation that the previous publisher or copyright holder has given permission for the figure to be re-published; and correctly indicating the reference source and copyrights. For example, “Figure 1 Histopathological examination by hematoxylin-eosin staining (200 ×). A: Control group; B: Model group; C: Pioglitazone hydrochloride group; D: Chinese herbal medicine group. Citation: Yang JM, Sun Y, Wang M, Zhang XL, Zhang SJ, Gao YS, Chen L, Wu MY, Zhou L, Zhou YM, Wang Y, Zheng FJ, Li YH. Regulatory effect of a Chinese herbal medicine formula on non-alcoholic fatty liver disease. World J Gastroenterol 2019; 25(34): 5105-5119. Copyright ©The Author(s) 2019. Published by Baishideng Publishing Group Inc[6]”. And please cite the reference source in the references list. If the author fails to properly cite the published or copyrighted picture(s) or table(s) as described above, he/she will be subject to withdrawal of the article from BPG publications and may even be held liable. -- *The images we are attaching are original and have not been used or submitted elsewhere.*

6 Recommendation: Conditional acceptance.

(2) Editorial office director:

(3) Company editor-in-chief: I have reviewed the Peer-Review Report, full text of the manuscript, and the relevant ethics documents, all of which have met the basic publishing requirements of the World Journal of Radiology, 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.

Round-2

Reviewer comment 1: <On line 7, page 12, "patents" should be "patients">

-Thank you, we have corrected this typo.

Reviewer comment 2: <on line 9, page 14, "case no. 2" is in doubt, should it be cited as "case no. 1b"?>

-Thank you. We actually changed it to Case number 2b, as this image depicts the typical ARDS pattern, despite the co-existing barotrauma. Further changes: -We have performed language polishing throughout the manuscript. -Introduction: We have updated the statistics on COVID infections in the first paragraph. -Pulmonary manifestations -> CT -> Structured reporting : We have shortened the part describing the CO-RADS reporting system. -Cancer screening delays: we have updated the last 2 paragraphs regarding the effects of the vaccine, based on new studies.