

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Radiology

**Manuscript NO:** 64059

**Title:** Imaging in the COVID-19 era: Lessons learned during a pandemic

**Reviewer's code:** 03093768

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Associate Professor, Doctor, Surgeon, Surgical Oncologist

**Reviewer's Country/Territory:** China

**Author's Country/Territory:** United States

**Manuscript submission date:** 2021-02-08

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-02-08 07:19

**Reviewer performed review:** 2021-02-16 12:39

**Review time:** 8 Days and 5 Hours

<b>Scientific quality</b>	<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 Grade E: Do not publish
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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#### **SPECIFIC COMMENTS TO AUTHORS**

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.

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. Question 2: 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 ?

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. Question 4: References 59, 85, 168, and 173 have some formatting issues.

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

**Name of journal:** World Journal of Radiology

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**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Associate Professor, Doctor, Surgeon, Surgical Oncologist

**Reviewer's Country/Territory:** China

**Author's Country/Territory:** United States

**Manuscript submission date:** 2021-02-08

**Reviewer chosen by:** Jia-Ping Yan

**Reviewer accepted review:** 2021-04-02 13:16

**Reviewer performed review:** 2021-04-03 13:53

**Review time:** 1 Day

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Peer-reviewer statements</b>	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

In my opinion, the revised manuscript is already very good, comprehensive and original,

and meets the requirements for publication. There are two places that need to be confirmed or checked by the author. 1. On line 7, page 12, "patents" should be "patients"; 2. on line 9, page 14, "case no. 2" is in doubt, should it be cited as "case no. 1b"?