

PEER-REVIEW REPORT

Name of journal: World Journal of Radiology

Manuscript NO: 63330

Title: Highlighting COVID-19: What the imaging exams show about the disease

Reviewer's code: 03204757

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: Brazil

Manuscript submission date: 2021-01-27

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2021-01-29 07:58

Reviewer performed review: 2021-02-07 07:10

Review time: 8 Days and 23 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 Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input 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 type="checkbox"/> Accept (General priority) <input checked="" 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



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SPECIFIC COMMENTS TO AUTHORS

The authors reviewed the imaging exams in the diagnosis of patients with COVID-19, and described the characteristics, advantages, disadvantages, and the clinical use of CXR, CT, PET-CT, LUS, and MRI. Indeed, imaging exam played an important role in the initial phase of the pandemic, just like in the early stage in Wuhan, China. Due to the limited availability of RT-PCR tests, clinical diagnosis could be made based on the characteristics of chest CT at that time. Of course, the confirmed diagnosis of COVID-19 should be made by the positive RT-PCR result. The review summarized the published data from COVID-19 patients used by different imaging exams, which provides radiology professionals with some useful references, especially in different settings of the pandemic, clinical practice, etc. In fact, chest CT is the most valuable tool in the current practice. The last paragraph "CHALLENGES FOR THE RADIOLOGY DEPARTMENT" is redundant in this review, although the content is very important for infection control.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: Brazil

Manuscript submission date: 2021-01-27

Reviewer chosen by: Jia-Ru Fan

Reviewer accepted review: 2021-03-18 23:37

Reviewer performed review: 2021-04-09 00:59

Review time: 21 Days and 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
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input 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
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

About the comment on the paper, I agree the revised manuscript.