PEER-REVIEW REPORT

Name of journal: World Journal of Radiology

Manuscript NO: 60547

Title: Radiological and clinical spectrum of COVID-19: A major concern for public health

Reviewer's code: 00069192

Position: Peer Reviewer

Academic degree: MD

Professional title: Chief Physician

Reviewer's Country/Territory: China

Author's Country/Territory: Italy

Manuscript submission date: 2020-11-03

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-11-04 07:15

Reviewer performed review: 2020-11-05 00:53

Review time: 17 Hours

Scientific quality	[ ] Grade A: Excellent [Y] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [Y] Accept (General priority) [ ] Minor revision [ ] Major revision [ ] Rejection
Re-review	[Y] Yes [ ] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

COVID-19 was a pandemic and had a serious health problem. RT-qPCR is the gold standard specific method for the diagnosis of COVID-19, however it can give false-negative results, low detection rates and low sensitivity. In this study, author reviewed radiological examination in diagnosis of COVID-19 and try to summarize the function in COVID-19. It is an interesting and important work. There are some comments to author: 1. The background color of the picture may need to be adjusted: Too dark background color may increase the reading difficulty. 2. References were needed for clinical findings in Table 1. 3. Author discussed the low detection rates and low sensitivity of RT-qPCR, it is better to provide some details data, e.g. "false negative rate" from previous studies. 4. The recommended procedure shown in Figure 1. To date, there were some guidelines about application of imaging in COVID-19 diagnosis, author could review these different guidelines and compare the difference about screening process for COVID-19.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Professional title: Chief Physician

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Author's Country/Territory: Italy

Manuscript submission date: 2020-11-03

Reviewer chosen by: Pan Huang (Quit in 2020)

Reviewer accepted review: 2020-12-08 07:54

Reviewer performed review: 2020-12-08 08:25

Review time: 1 Hour

Scientific quality	[ ] Grade A: Excellent [Y] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[Y] Grade A: Priority publishing [ ] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [Y] Accept (General priority) [ ] Minor revision [ ] Major revision [ ] Rejection
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

Thank you for your careful consideration of comments, you have responded all

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comments, I have no further comments. It is a nice work.