

PEER-REVIEW REPORT

Name of journal: *World Journal of Radiology*

Manuscript NO: 74112

Title: Augmentation of literature review of COVID-19 radiology

Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05764104

Position: Editorial Board

Academic degree: Doctor, PhD

Professional title: Associate Professor, Senior Scientist

Reviewer's Country/Territory: Russia

Author's Country/Territory: India

Manuscript submission date: 2021-12-14

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-01-31 17:59

Reviewer performed review: 2022-02-12 07:55

Review time: 11 Days and 13 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 Grade E: Do not publish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 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
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	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

SPECIFIC COMMENTS TO AUTHORS

The manuscript was conceived to amend an excellent review by Pal et al, recently published in the World Journal of Radiology (A. Pal et al., World J Radiol, 2021, 13(9): 258-282). The authors point to some additional radiological findings when COVID is diagnosed through chest radiography (CXR) and computed tomography (CT), which were not mentioned by the authors of the review. They also note the role the other methods of medical imaging play in COVID detection. These are magnetic resonance imaging (MRI) and positron emission tomography (PET). Such an amendment seems quite relevant and appropriate. The text is concrete and written in good English. In principle, I like everything the authors wrote. But just the economy of words leaves an impression that something remains hidden. In this context the manuscript has more the semblance of a review to the above review paper, as if they found errors in the review and want them to be corrected. But it is not actually so. The review by Pal et al is really good and needs no revision at all. I would recommend the authors of the manuscript to think how they could improve and extend their text in order to wear off such an impression. In my view, this can be done in two directions. First, extend the range of medical imaging methods by adding, for example, optical imaging and thermography. For this purpose it would be appropriate to refer to the following papers: T. Mishra et al, Preprint medRxiv 2020.07.06.20147512, 2020; X. Zheng et al, Front Digital Health 2: 8, 2020; S. Shah et al, Acad Emerg Med 27: 681-692, 2020; G.N. McKay et al, Biomed Opt Express 11(4): 2268-2276, 2020; D. Roblyer, J Biomed Opt 25(10): 102703, 2020; K. Khaksari et al, J Med Imaging 8(S1): 010901, 2021. Second. The review briefly discusses the role of artificial intellect (AI) in COVID detection and classification. However the topic can and, in my view, must be covered wider. In this respect I can recommend the

Special Issue of the Journal of Medical Imaging “Medical Imaging of COVID-19” (2021) and, in particular, the following publications: I.E. Naga et al, J Med Imaging 8(S1): 010902, 2021; W. Kusakunniran et al, J Med Imaging 8(S1): 014001, 2021; J.D. Fuhrman et al, J Med Imaging 8(S1): 014501, 2021; A. Chaddad et al, J Med Imaging 8(S1): 014502, 2021; Q. Hu et al, J Med Imaging 8(S1): 014503, 2021; Y. Li et al, J Med Imaging 8(S1): 017502, 2021; J. Manokaran et al, J Med Imaging 8(S1): 014503, 2021; K. Rao et al, J Med Imaging 8(S1): 017504, 2021. After improvement the manuscript can be published in the Would Journal of Radiology.

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Reviewer's code: 02841753

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Chief Physician, Doctor, Teacher

Reviewer's Country/Territory: China

Author's Country/Territory: India

Manuscript submission date: 2021-12-14

Reviewer chosen by: Xin Liu

Reviewer accepted review: 2022-02-25 08:29

Reviewer performed review: 2022-02-25 09:03

Review time: 1 Hour

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 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
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input checked="" type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

I donot think radiological signs is so important in daily clinical practice, the review have already provided enough information for radiologists and clinicians.we cannot provide too much information in one paper.

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Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 00233953

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Professor

Reviewer's Country/Territory: United States

Author's Country/Territory: India

Manuscript submission date: 2021-12-14

Reviewer chosen by: Xin Liu

Reviewer accepted review: 2022-02-25 11:37

Reviewer performed review: 2022-02-25 15:47

Review time: 4 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 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
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Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

there are no specific comments

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Title: Augmentation of literature review of COVID-19 radiology

Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03905528

Position: Peer Reviewer

Academic degree: MD

Professional title: Assistant Professor

Reviewer's Country/Territory: Turkey

Author's Country/Territory: India

Manuscript submission date: 2021-12-14

Reviewer chosen by: Xin Liu

Reviewer accepted review: 2022-02-26 10:09

Reviewer performed review: 2022-02-26 19:40

Review time: 9 Hours

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 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
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

Thank you for the opportunity to review your manuscript. Although it is a good summary in general, I think that thoracic MRI should be added to the article as well as cardiac MRI. The following articles can be used in this regard. Ates OF, Taydas O, Dheir H. Thorax Magnetic Resonance Imaging Findings in Patients with Coronavirus Disease (COVID-19). Acad Radiol. 2020 Oct;27(10):1373-1378. Fields, Brandon KK, et al. "Imaging of COVID-19: CT, MRI, and PET." Seminars in Nuclear Medicine. Vol. 51. No. 4. WB Saunders, 2021. Spiro, Judith Eva, et al. "Appearance of COVID-19 pneumonia on 1.5 T TrueFISP MRI." Radiologia Brasileira 54 (2021): 211-218.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03905528

Position: Peer Reviewer

Academic degree: MD

Professional title: Assistant Professor

Reviewer's Country/Territory: Turkey

Author's Country/Territory: India

Manuscript submission date: 2021-12-14

Reviewer chosen by: Jing-Jie Wang

Reviewer accepted review: 2022-03-29 11:57

Reviewer performed review: 2022-03-29 12:04

Review time: 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

Suggested changes have been made in the article, and as such, I do not have any additional suggestions.