



## PEER-REVIEW REPORT

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

**Manuscript NO:** 57314

**Title:** Review of radiographic findings in COVID-19

**Reviewer's code:** 02663375

**Position:** Editorial Board

**Academic degree:** MD

**Professional title:** Academic Research, Doctor

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

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

**Manuscript submission date:** 2020-06-03

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-06-04 09:37

**Reviewer performed review:** 2020-06-04 11:02

**Review time:** 1 Hour

<b>Scientific quality</b>	<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 Grade E: Do not publish
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<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**

The aim of this review was to report the published literature for the range of radiographic findings present in patients suffering from COVID-19 infection. The published literature is increasing rapidly by days; therefore, the content of the review will be outdated in a very short period. Very recently, the Canadian Society of Thoracic Radiology/Canadian Association of Radiologists released a consensus statement regarding chest imaging in suspected and confirmed COVID-19. It should be cited: Dennie C, et al. Canadian Society of Thoracic Radiology/Canadian Association of Radiologists Consensus Statement Regarding Chest Imaging in Suspected and Confirmed COVID-19 [published online ahead of print, 2020 May 8] [published correction appears in Can Assoc Radiol J. 2020 May 18;;846537120931222]. Can Assoc Radiol J. 2020;846537120924606. doi:10.1177/0846537120924606. Moreover, a systematic review of chest imaging findings in COVID-19 has already been published [Sun Z, Zhang N, Li Y, Xu X. A systematic review of chest imaging findings in COVID-19. Quant Imaging Med Surg. 2020;10(5):1058 - 1079. doi:10.21037/qims-20-564] Another article describes the radiographic findings in a large series of patients with COVID-19 pneumonia: it must be included in this review [Vancheri SG, et al. Radiographic findings in 240 patients with COVID-19 pneumonia: time-dependence after the onset of symptoms [published online ahead of print, 2020 May 30]. Eur Radiol. 2020;1 - 9. doi:10.1007/s00330-020-06967-7]. The role of lung ultrasound should not be overlooked: -Soldati G, et al. On Lung Ultrasound Patterns Specificity in the Management of COVID-19 Patients [published online ahead of print, 2020 May 8]. J Ultrasound Med. 2020;10.1002/jum.15326. doi:10.1002/jum.15326 - Musolino AM, et al. Lung Ultrasound in Children with COVID-19: Preliminary Findings [published online ahead of print, 2020 May 3]. Ultrasound Med Biol. 2020;S0301-5629(20)30198-8. doi:10.1016/j.ultrasmedbio.2020.04.026 As for pediatric patients, another report on 9



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children is available online: Lu Y, et al. Clinical characteristics and radiological features of children infected with the 2019 novel coronavirus [published online ahead of print, 2020 May 1]. *Clin Radiol.* 2020;S0009-9260(20)30166-5. doi:10.1016/j.crad.2020.04.010



## PEER-REVIEW REPORT

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

**Manuscript NO:** 57314

**Title:** Review of radiographic findings in COVID-19

**Reviewer's code:** 04480049

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Assistant Professor, Doctor

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

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

**Manuscript submission date:** 2020-06-03

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-06-05 10:20

**Reviewer performed review:** 2020-06-16 08:42

**Review time:** 10 Days and 22 Hours

<b>Scientific quality</b>	<input checked="" type="checkbox"/> Grade A: Excellent <input 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 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
<b>Conclusion</b>	<input checked="" type="checkbox"/> Accept (High priority) <input 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**

The review might be of great value for the science and practice of radiologists in the developing field of COVID-19. Nevertheless, I have some minor comments: 1) Is this review systematic? If yes, please indicate that in the title and in the aim. 2) Include aim of the paper in the body manuscript. 3) I suggest to include more subheadings to logically separate clusters of paragraphs. 4) Please a sentence that state all the figures are original and you have the right of using them. Indicate the source of the X-rays and radiographies.



## PEER-REVIEW REPORT

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

**Manuscript NO:** 57314

**Title:** Review of radiographic findings in COVID-19

**Reviewer's code:** 03724988

**Position:** Editorial Board

**Academic degree:** MD

**Professional title:** Assistant Professor, Research Associate

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

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

**Manuscript submission date:** 2020-06-03

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-06-04 18:35

**Reviewer performed review:** 2020-06-18 08:42

**Review time:** 13 Days and 14 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 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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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

This manuscript intend to provide a comprehensive literature review including and critically analysing the papers published about the radiologic findings during SARS-CoV2 infection. The Authors performed a systematic review of the literutere using appropriate methods of selection. All of the imaging procedures have been analysed, including less used but still interesting techniques, such as sonography and PET. The Results have been clearly reported. The main strenght of this paper are its quality and style. As a weakness, it should be underline that similar manuscripts on this topic exist about this topic. However, this reviewer thinks that this manuscript deserve publication. Specific comments: 1) There is very recent paper on this topic that the Authors could consider to discuss (PMID: 32346790); 2) The Authors speculated about the possible role of sonography. In additon to what the Authors already report, sonogrpahy might play a wider role. There s another recent paper (PMID: 32294795) which the Authors could consider to provide a broader speculation on this topic.



## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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

**Manuscript NO:** 57314

**Title:** Review of radiographic findings in COVID-19

**Reviewer's code:** 02663375

**Position:** Editorial Board

**Academic degree:** MD

**Professional title:** Academic Research, Doctor

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

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

**Manuscript submission date:** 2020-06-03

**Reviewer chosen by:** Le Zhang

**Reviewer accepted review:** 2020-07-14 10:34

**Reviewer performed review:** 2020-07-14 10:46

**Review time:** 1 Hour

<b>Scientific quality</b>	<input checked="" type="checkbox"/> Grade A: Excellent <input 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 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
<b>Conclusion</b>	<input checked="" type="checkbox"/> Accept (High priority) <input 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

Thank you for revising your manuscript. You have satisfactorily answered all reviewer



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queries



## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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

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**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Assistant Professor, Doctor

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

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

**Manuscript submission date:** 2020-06-03

**Reviewer chosen by:** Le Zhang

**Reviewer accepted review:** 2020-07-17 13:58

**Reviewer performed review:** 2020-07-17 14:00

**Review time:** 1 Hour

<b>Scientific quality</b>	<input checked="" type="checkbox"/> Grade A: Excellent <input 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 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
<b>Conclusion</b>	<input checked="" type="checkbox"/> Accept (High priority) <input 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

I am satisfied with the made revisions.



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