

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 78320

**Title:** COVID-19-associated disseminated mucormycosis: An autopsy case report

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 05086048

**Position:** Editorial Board

**Academic degree:** PhD

**Professional title:** Postdoctoral Fellow

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

**Author's Country/Territory:** Japan

**Manuscript submission date:** 2022-06-20

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-07-11 05:36

**Reviewer performed review:** 2022-07-24 17:46

**Review time:** 13 Days and 12 Hours

<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 Grade E: Do not publish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 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</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



**Baishideng  
Publishing  
Group**

7041 Koll Center Parkway, Suite  
160, Pleasanton, CA 94566, USA  
**Telephone:** +1-925-399-1568  
**E-mail:** bpgoffice@wjgnet.com  
<https://www.wjgnet.com>

statements

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

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

It was a pleasure to read the manuscript entitled, COVID-19-associated disseminated mucormycosis: An autopsy case report. Manuscript is well written and is of scientific interest. May be accepted. However, minor grammar correction required prior to publication

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**Reviewer's code:** 05626712

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Assistant Professor

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

**Author's Country/Territory:** Japan

**Manuscript submission date:** 2022-06-20

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-07-25 01:17

**Reviewer performed review:** 2022-07-30 12:32

**Review time:** 5 Days and 11 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
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## SPECIFIC COMMENTS TO AUTHORS

Summary: A unique case presenting autoptic findings of a patients with disseminated mucormycosis in the context of Covid-19. Comments: 1. "Introduction" This is the first case report detailing the autopsy results of disseminated mucormycosis in a patient affected with COVID-19" However, recently another 58-years old Japanese male with disseminated mucormycosis was reported. (<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8841239/>). In addition, another case has been reported in <https://pubmed.ncbi.nlm.nih.gov/34075329/>. Therefore, it is recommended the authors revise the corresponding sentence and cite these two an other similar articles. 2. Case presentation: "A nasopharyngeal swab specimen tested positive for COVID-19". COVID-19 is a disease. Nasopharyngeal swab test can be positive for SARS-CoV-2. Please correct the sentence. 3. Case presentation: ". He sought treatment at an emergency hospital for COVID-19 and was managed with oxygen and glucocorticoids". Considering glucocorticoids are risk factor for mucormycosis development, it is necessary to outline the indications to start glucocorticoids for the patient. 4. Case presentation: "Seventeen days later, ..." was the history taking significant during that 17 days? What happened during that period? Was patients status stable or deteriorative? Was the respiratory symptoms developed in acute-phase or chronically? These questions need to be answered. 5. Please cite the following article for this sentence in the Introduction "The presentations of COVID-19 can range from symptomless to multi-organ failure and death". - <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7779976/> 6. Figure 3F: Please indicate the CMV particles