

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 83093

Title: Chronic pulmonary mucormycosis caused by rhizopus microsporus mimics lung carcinoma in an immunocompetent adult: A case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 02888255

Position: Peer Reviewer

Academic degree: FCCP, MBBS, MD

Professional title: Chief Doctor

Reviewer's Country/Territory: United Arab Emirates

Author's Country/Territory: China

Manuscript submission date: 2023-01-07

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-02-04 02:56

Reviewer performed review: 2023-02-12 13:21

Review time: 8 Days and 10 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 Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" 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

SPECIFIC COMMENTS TO AUTHORS

The article presents a case report of Pulmonary Mucromycosis in a immunocompetent adult. Tha article is well-written and discuss the approach in its management. However, role of antifungal with surgical excision should include antifungal. Any previous history of SARS-CoV-2 infection should be includede in the case report.

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Reviewer's code: 05480683

Position: Peer Reviewer

Academic degree: PhD

Professional title: Academic Fellow, Academic Research, Adjunct Professor

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

Manuscript submission date: 2023-01-07

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-03-14 19:17

Reviewer performed review: 2023-03-14 19:42

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
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
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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
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Journal World Journal of Clinical Cases Manuscript Chronic pulmonary mucormycosis caused by Rhizopus microsporus mimics lung carcinoma in an immunocompetent adult: A case report Type Case report This is an interesting and well written case report describing a 43-year-old man diagnosed with chronic pulmonary mucormycosis caused by Rhizopus microsporus in a middle-aged male without dysglycemia or immunodeficiency The patient's surgical outcome was good, reaffirming that surgery is the cornerstone of pulmonary mucormycosis treatment. I recommend a minor revision. Please see some minor observation: 1- Introduction, page 5, line 9. Worldwide? 2- If possible, hospital name and ethics approve or patients approve should be included in the methods 3- mNGS methodology should be included in the methods section 4- Discussion, page 10. Lines 20-26 pathogenic infections are prone to develop in conditions of immunocompromission/immune alteration (PMID: 34970247). This information, which support the study findings, should be included 5- Discussion, page 11, line 1, I suggest mitigating this point. For evaluating the immunological status of the patient, the total IgG levels should be evaluated.