

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 54206

Title: Cryptococcal pneumonia in a human immunodeficiency virus-negative patient: A case report

Reviewer's code: 02583367

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Switzerland

Author's Country/Territory: China

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Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-01-16 11:18

Reviewer performed review: 2020-01-16 12:53

Review time: 1 Hour

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

Overall, a reasonably well described case report. I suggest that the authors address the following comments: 1. State the dose of fluconazole the patient received over the first 6 weeks (intravenously for one week, then orally for the remainder of the duration). The authors correctly state in the Discussion section that patients with cryptococcal disease typically require high-dose fluconazole treatment, but they do not indicate whether this was done in this case or not. If not, this could be a reason for a lack of response to fluconazole and should be mentioned. 2. Clarify whether lung tissue was sent for culture or not. If so, what was the results? If a cryptococcal organism was isolated, was susceptibility testing done or not? If the latter was done, what was the result? 3. In the Introduction, the authors mention that "Cryptococcosis is a form of opportunistic invasive mycosis that is driven by infection with the *Cryptococcus neoformans*". There are two species commonly known to cause human disease, *Cryptococcus neoformans* and *Cryptococcus gattii*. *C. neoformans* causes disease in both immunocompromised and immunocompetent hosts, while *C. gattii* is regarded as a pathogen of immunocompetent persons. This is stated later in the Discussion section, but it would be helpful to briefly mention the two species in the Introduction, especially in a non-immunocompromised host. 4. The manuscript could benefit from better editing. Examples: a. Change "Cryptococci" to "cryptococci" b. Change "infections... but it" to "infections... but they" c. Change "Gattii" to "gattii" d. Change "sights of wheezing" to "signs of wheezing" Etc.

INITIAL REVIEW OF THE MANUSCRIPT

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