

## PEER-REVIEW REPORT

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

**Manuscript NO:** 65501

**Title:** Disseminated Infection by *Fusarium solani* in Acute Lymphocytic Leukemia: A Case Report

**Reviewer's code:** 02916557

**Position:** Peer Reviewer

**Academic degree:** AGAF, PhD

**Professional title:** Associate Professor

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

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

**Manuscript submission date:** 2021-03-09

**Reviewer chosen by:** Jin-Lei Wang

**Reviewer accepted review:** 2021-03-31 07:55

**Reviewer performed review:** 2021-03-31 08:00

**Review time:** 1 Hour

<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 Grade E: Do not publish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 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 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 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

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

Authors have to improve the english quality in this manuscript before we can make the final decision.

## PEER-REVIEW REPORT

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

**Manuscript NO:** 65501

**Title:** Disseminated Infection by *Fusarium solani* in Acute Lymphocytic Leukemia: A Case Report

**Reviewer's code:** 05449321

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

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

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

**Manuscript submission date:** 2021-03-09

**Reviewer chosen by:** Jin-Lei Wang

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**Reviewer performed review:** 2021-04-03 12:29

**Review time:** 3 Days and 17 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 type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" 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 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

## **SPECIFIC COMMENTS TO AUTHORS**

This is an interesting care report of *Fusarium solani* infection in immunocompromised patients like ALL. This is a well-written and didactic paper focused on a detailed and extensive phenotypic description of a 19 year-old-male suffering from *fusarium solani* sepsis. It is particularly interesting for practitioners to recall how fungal sepsis evaluation is important in such patients who are at-risk. However, despite some evident pieces of interest, there are several important points to consider and to correct in this paper: 1. Several sentences are inappropriately combined and could be shortened or improved. A gross editing of the language is required. Overall, the English grammar can be greatly edited. e.g., Fusariosis is a rare pathogenic fungus, the incidence of invasive *Fusarium* infectious in severely compromised patients has been increased over the past few years-does not sound grammatically correct. 2. In case summary of abstract, author has said “intravenous application”, a better description would be intravenous administration of liposomal AmB. 3. Please modify the core tip in better worded sentences. In the current state, its reformed abstract itself. 4. Add infections after superficial in the introduction section. 5. What patient population is the author referring to? 6. The author has said early diagnosis is quite difficult... why is soo? Even when fusariosis is the second most common mold infection. 7. In the history of presenting illness, please specify type of ALL and mention details about the chemotherapeutic regimen followed. Also, narrate in an improved way the timeline of antifungal prophylaxis (When was it started? Indications?). The clinical timeline description of the case needs to be improved upon. 8. When the patient developed skin lesions after 25 days of treatment for klebsiella sepsis, why were voriconazole and liposomal AmB started even before the confirmation of the fungal organism?? Or were they started only after the confirmation? When reading the history, it seems it was



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started even before the microbiological confirmation. 9. Even after starting the anti-fungal treatment, the patient continued to have disseminated infection. Was any change made in the anti-fungal? If not then why were the same antifungals continued despite the clinical dissemination of infection? 10. The clinical images are very good and provide evidence of an excellent recovery in the patient. 11. In the discussion section, an apt and a didactic description of fusariosis has been made but I would request the authors to add a subsection on fungal sepsis observed in ALL patients (most common organisms, clinical features, treatment modalities) so that the discussion section becomes more relevant. 12. In addition, I would also ask the authors to identify any underlying risk factors that were seen in this patient for fusariosis. It would be a good addition to the discussion section if the risk factors are discussed for the described case and the previously described cases in literature of fusariosis in ALL, thereby, alerting the physicians to be aware of this fungal sepsis for early detection. 13. Conclusion needs to be summarized in a more brief and didactic manner. Overall, an appropriately revised version of this work could represent a technically sound contribution with the above mentioned revisions

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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**Reviewer's code:** 02916557

**Position:** Peer Reviewer

**Academic degree:** AGAF, PhD

**Professional title:** Associate Professor

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

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

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**Reviewer chosen by:** Han Zhang (Part-Time Editor)

**Reviewer accepted review:** 2021-05-10 23:36

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**Review time:** 1 Hour

<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 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

This manuscript is ready for publication