

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 68125

Title: Next-generation sequencing technology for diagnosis and efficacy evaluation of a patient with visceral leishmaniasis: A case report

Reviewer's code: 04031726

Position: Editorial Board

Academic degree: Doctor, MD

Professional title: Associate Research Scientist, Attending Doctor, Doctor, Surgeon

Reviewer's Country/Territory: Brazil

Author's Country/Territory: China

Manuscript submission date: 2021-06-06

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-06-07 17:04

Reviewer performed review: 2021-06-15 17:56

Review time: 8 Days

| | |
|---------------------------------|---|
| Scientific quality | <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 Grade E: Do not publish |
| 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 type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection |
| Re-review | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Peer-reviewer statements | Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

SPECIFIC COMMENTS TO AUTHORS

This is an interesting case report of visceral leishmaniasis. Since this pathology is not common in many countries, its diagnosis becomes a challenge in imported cases. The affection in formatting the article according to the WJCC rules is visible and highlighted, the authors are to be congratulated. I will make my comments by topic aiming at the scientific improvement of the article: 1) "On October 12, 2019," I suggest not putting dates in the article. 2) The presentation of the case is very poor. Some data I could find in the discussion, but this has to be made clear in the case presentation. I suggest putting information that can provide tips related to the disease, such as Has the patient traveled to endemic areas? How long after did the symptoms start? Why did the patient come to his hospital? What was the patient working with? A rich epidemiological description will make a difference. 3) Explain in the text why it was not done since the likely epidemiological history + a patient with fever and splenomegaly make us think of visceral leishmaniasis. 4) Didn't amastigote forms of the parasite have been found in your pathology laboratory? Was this a mistake or was there any other technique used in Shanghai? 5) "A retrospective review of VL cases in the United Kingdom found that the median time from first symptom to diagnosis was 6 mo[" Instead of looking for references in non-endemic areas, look for data in endemic regions that have much more experience on the subject. I suggest looking for data from Brazil. Final considerations: 6) Figure 3: has writings in Chinese. 7) For the figures and tables, I suggest that you remove the date and put it in the number of days of illness or hospitalization. 8) Would it be possible to include a photo of the patient's CT scan?

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 68125

Title: Next-generation sequencing technology for diagnosis and efficacy evaluation of a patient with visceral leishmaniasis: A case report

Reviewer's code: 06011908

Position: Peer Reviewer

Academic degree: MM

Professional title: Associate Chief Physician, Associate Professor

Reviewer's Country/Territory: China

Author's Country/Territory: China

Manuscript submission date: 2021-06-06

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-06-11 16:22

Reviewer performed review: 2021-06-17 16:03

Review time: 5 Days and 23 Hours

| | |
|---------------------------------|---|
| Scientific quality | <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 |
| 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 type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection |
| Re-review | <input checked="" type="checkbox"/> Yes <input 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

It was mentioned that Leishmania was found by next-generation sequencing technology in blood in the manuscript samples. The views presented in this study was good.