



## PEER-REVIEW REPORT

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

**Manuscript NO:** 64239

**Title:** Rapid diagnosis of disseminated Mycobacterium mucogenicum infections in formalin-fixed, paraffin-embedded specimens using next-generation sequencing

**Reviewer's code:** 05467628

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

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

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

**Manuscript submission date:** 2021-02-17

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-02-17 09:35

**Reviewer performed review:** 2021-02-17 09:48

**Review time:** 1 Hour

<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 Grade E: Do not publish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 type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" 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



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

The authors have described an interesting case of confirmatory diagnosis of a NTM infection using NGS on formalin specimen. However, several changes are required before the case becomes ready for publication. Given below are my comments in no particular order. 1. Please remove short forms from abstract. 2. Please provide a much more improved history of present illness. Authors have not even described clinical characteristics of the abdominal masses. Very unfortunate! 3. Please don't use brand names of common drugs. 4. Too much of manuscript has been written in parentheses, please use parentheses sparingly (less). 5. Please provide exact outcome at 1 year, including clinical, radiological, and biochemical in the text of the manuscript and also in abstract. Vague outcome data has been provided in abstract. 6. Less than appropriate quality of radiographic images have been provided which also have patient information on them. Kindly provide digital images of the CT (by importing the DICOM files) and remove the annotations at the corners. 7. While authors have done literature review of the case and its management, they haven't done much with regards to the NGS of FFPE specimens. Please expand the discussion.



## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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

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**Title:** Rapid diagnosis of disseminated Mycobacterium mucogenicum infections in formalin-fixed, paraffin-embedded specimens using next-generation sequencing

**Reviewer's code:** 05467628

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

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

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

**Manuscript submission date:** 2021-02-17

**Reviewer chosen by:** Ze-Mao Gong

**Reviewer accepted review:** 2021-04-01 03:13

**Reviewer performed review:** 2021-04-01 03:25

**Review time:** 1 Hour

<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 type="checkbox"/> Accept (General priority) <input checked="" 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



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I had provided several comments last time most of which have been adequately responded to. 1. Unfortunately, after the additions, there are several (dozens) of grammatical and linguistic errors that seem to have crept in. Please correct. 2. Many sentences are written very oddly. E.g. the abscesses gradually narrowed - the right phrase is - the abscesses gradually decreased in size. There are several such oddly written statements in the manuscript which should be corrected. 3. Conclusion is very poorly written in manuscript. Kindly rewrite from scratch. This is a scientific journal, not a blogpost. “ When we could not do more for the diagnosis of the causative pathogen, if you had the pathological sections of diseased tissue, even it had been soaked into formalin, you might as well try to perform NGS on the pathological sections. Maybe you could get a surprise on identification of the pathogen.”