

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 75285

Title: Successful treatment of disseminated nocardiosis diagnosed by metagenomic next-generation sequencing

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 01213172

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Chief Doctor, Full Professor, Senior Lecturer

Reviewer's Country/Territory: Croatia

Author's Country/Territory: China

Manuscript submission date: 2022-01-25

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-02-15 13:55

Reviewer performed review: 2022-02-15 14:20

Review time: 1 Hour

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 Grade E: Do not publish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 type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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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
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SPECIFIC COMMENTS TO AUTHORS

The authors present a rare case of disseminated nocardiosis, with accent to rapid mNGS diagnosis. The roadmap of presenting the case is clearly noted in Abstract / Core tip section. Otherwise, the Introduction should be much shorter and focused on the topic. The Discussion should compare the presented case with more other from the literature. Final diagnosis and Treatment are not main paragraphs.

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Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 01551432

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2022-01-25

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-02-22 09:48

Reviewer performed review: 2022-02-23 00:08

Review time: 14 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
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Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



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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
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SPECIFIC COMMENTS TO AUTHORS

Dear Authors, Thank you for submitting your manuscript entitled, "Successful treatment of disseminated nocardiosis diagnosed by metagenomic next-generation sequencing" in WJCC. The manuscript is well written and compactly summarized, and the topic is interesting. However, one major criticisms should be addressed as below. Major 1) Please add a new table on the same or similar cases that have been reported to date as your case. Please describe the search method, keywords, etc. Also, please add your own opinions, fluent discussions, so called "systematic literature review" on the new Table to the Discussion section. Further, add more references. I think that Nocardia of the lung is not so rare, so it will be very important to add the literature review on the cases and case series that have been reported to date.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Manuscript NO: 75285

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Peer-review model: Single blind

Reviewer's code: 01213172

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Chief Doctor, Full Professor, Senior Lecturer

Reviewer's Country/Territory: Croatia

Author's Country/Territory: China

Manuscript submission date: 2022-01-25

Reviewer chosen by: Li-Li Wang

Reviewer accepted review: 2022-03-28 12:46

Reviewer performed review: 2022-03-28 12:48

Review time: 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" 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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

The manuscript is revised, although still of a very average quality.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 75285

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Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

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Reviewer's code: 01551432

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2022-01-25

Reviewer chosen by: Li-Li Wang

Reviewer accepted review: 2022-03-29 11:59

Reviewer performed review: 2022-03-29 14:47

Review time: 2 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
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Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

Dear authors, the manuscript has almost revised accordingly. I think it is OK as it stands. sincerely yours. Takuya Watanabe

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 75285

Title: Successful treatment of disseminated nocardiosis diagnosed by metagenomic next-generation sequencing

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 02942902

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2022-01-25

Reviewer chosen by: Li-Li Wang

Reviewer accepted review: 2022-03-28 13:31

Reviewer performed review: 2022-03-30 12:56

Review time: 1 Day and 23 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
Language quality	<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
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Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

The paper appears to have responded to the concerns addressed by the reviewers. I consider that the highly sensitive technique with the metagenomic next-generation sequencing (mNGS) is interesting. However, I would like to add minor comments as my first-round review report. Comments: They mentioned 'Selection of appropriate antibiotics given at the optimal time is hence crucial for effective therapy'. However, unlike bacterial culture, the method cannot give direct information about the antibiotic susceptibility, though identification of the specific (causal) bacteria responsible for the infection should be beneficial. In addition, such a technical approach could be conducted in limited institutions. Kindly discuss the disadvantages of the technique.