

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 89752

Title: Overlapping infections of Mycobacterium canariasense and Nocardia farcinica in an immunocompetent patient-case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06348941

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Mexico

Author's Country/Territory: China

Manuscript submission date: 2023-11-11

Reviewer chosen by: Meng-Liu Luo

Reviewer accepted review: 2024-01-31 21:32

Reviewer performed review: 2024-02-04 13:52

Review time: 3 Days and 16 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 Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
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
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

This article describes a unique case of infection overlapped with *Mycobacterium canariasense* and *Nocardia farcinica* in an immunocompetent patient. It addresses the growing number of cases of non-tuberculous mycobacterial (NTM) infections, especially those caused by rapidly growing mycobacteria (RGM). The importance of etiological diagnosis in infectious diseases is emphasized, particularly in immunocompromised patients. The use of next-generation sequencing (mNGS) technology for the rapid detection of a wide range of microbial pathogens is mentioned. The language is clear and professional, suitable for an academic audience.

1. The abstract introduces the topic concisely but could benefit from a clearer articulation of the study's importance, highlighting the uniqueness of the case and its implications for diagnostic and treatment approaches.
2. The introduction would be strengthened by providing a broader context on non-tuberculous mycobacteria (NTM) and *Nocardia* infections, emphasizing their rarity and the clinical challenges they pose.
3. The case presentation could be enriched by integrating a more detailed patient history and diagnostic reasoning.
4. The discussion could benefit from integrating alternative diagnostic methods or treatments that were



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considered. 5. In the Graphics, Tables, and Figures section, it is recommended to ensure that all visual elements are of high quality and clearly labeled. In Table 1, the label is incorrect: "Laboratory test results of blood," the correct one is: "Laboratory test results of blood." 6. Finally, the conclusion should succinctly encapsulate the main findings and implications, suggesting directions for future research. Implementing these suggestions could significantly improve the clarity, depth, and impact of the article, making it a valuable contribution to the field.