

Peer Review

Review of: "Scopulariopsis Pleural Empyema Coinfection With Pneumocystis Jirovecii Pneumonia and Cytomegaloviraemia in an Immunocompromised Patient: A Case Report and Review of the Literature"

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The article presents a rare case of *Microascus gracilis* infection in a complex clinical setting, significantly adding to the literature on opportunistic infections in immunocompromised patients.

Advanced diagnostic tools, including ITS sequencing, flow cytometry, and metagenomics, are effectively used to identify the pathogens, demonstrating rigor and accuracy.

The discussion section is well-researched and integrates the case findings with prior literature, offering valuable clinical and epidemiological context.

Recommendations:

1. Streamline Presentation: Simplify the "Case Presentation" section by focusing on key clinical events while reducing redundancy.
2. Add Comparative Tables: Include tables comparing treatments from reported cases with the treatment protocol used in this case.
3. Expand Clinical Implications: Discuss how the findings could influence guidelines for managing fungal pleural infections in immunocompromised patients.

The manuscript is a valuable contribution to the field and is worthy of publication after addressing the major revisions outlined above. The authors are encouraged to resubmit a revised version that enhances clarity, addresses limitations, and broadens the clinical applicability of the findings.

Declarations

Potential competing interests: No potential competing interests to declare.