

REVIEWER'S REPORT

Manuscript No.: IJAR-54039

Date: 25/09/2025

Title: **CRITICAL ROLE OF CHEST TUBE DRAINAGE AS THE INITIAL TREATMENT FOR *Klebsiella pneumoniae*-RELATED PYOPNEUMOTHORAX: A CHALLENGING CASE REPORT FROM MOHAMMAD NOER GENERAL HOSPITAL, PAMEKASAN**

Recommendation:

- Accept as it is
- ✓ Accept after minor revision.....
- Accept after major revision
- Do not accept (*Reasons below*)

| Rating | Excel. | Good | Fair | Poor |
|----------------|--------|------|------|------|
| Originality | | ✓ | | |
| Techn. Quality | | ✓ | | |
| Clarity | | ✓ | | |
| Significance | | ✓ | | |

Reviewer Name: Dr. S. K. Nath

Date: 25/09/2025

Reviewer's Comment for Publication:

The manuscript successfully highlights the critical role of chest tube drainage in a challenging case of *Klebsiella pneumoniae*-related pyopneumothorax. It emphasizes that early intervention can yield favorable initial outcomes, although close monitoring and further management might be necessary. The report adds valuable clinical insights but requires substantial language polishing and adherence to academic formatting standards for clarity and professionalism.

Reviewer's Comment / Report

Strengths:

- Novelty and Relevance:** The case report discusses a rare but critical scenario of pyopneumothorax caused by *Klebsiella pneumoniae* and emphasizes the importance of early chest tube drainage, which is valuable for clinicians managing similar cases.
- Detailed Clinical Data:** The report provides comprehensive clinical presentation, radiological findings, microbiological results, and treatment course, aiding readers' understanding.
- Timely Discussion:** The paper includes relevant literature and current guidelines, effectively contextualizing the case within existing evidence.
- Clear Visuals:** The inclusion of chest X-ray images enhances understanding of disease progression and management.

Weaknesses:

- Language and Grammar:** There are multiple grammatical errors and awkward phrasings throughout the manuscript that hinder clarity. For example:
 - "The mechanism was described as 'carbuncles of the lung' rupturing into the pleural cavity." (Page 4, sentence structure)
 - "This mechanism was described" (Page 4) - inconsistent tense usage.
- Typographical Errors:** Minor typos appear, such as inconsistent spacing ("the development of left lung expansion was delayed."—extra space) and numbering issues, e.g., "pneumothorax sinistra" instead of "pneumothorax sinistra."
- Formatting and Referencing:** Some references are incomplete or incorrectly formatted, and the numbering within the text appears inconsistent.
- Lack of Depth in Discussion:** Although the case's initial management is discussed well, there is limited elaboration on long-term outcomes, follow-up, and differential management strategies.

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5. **Inconsistent Use of Medical Terms:** For example, "pyopneumothorax" sometimes appears as "pyopneumothorax" and sometimes as "pyopneumothorax."
6. **Figures and Tables:** Figure 1 and Figures 2A and 2B-C are mentioned, but their images or detailed legends are missing from the provided excerpt, which impairs full understanding.

Recommendations for Authors:

1. **Language Editing:** Carefully proofread the text for grammatical errors, sentence structure, and clarity. Consider professional language editing services if available.
2. **Consistent Formatting:** Standardize headings, references, and medical terminology throughout.
3. **References:** Ensure all references are complete, correctly formatted, and cross-verified with citations in the text.
4. **Improve Figure Legends and Include Images:** Provide clear, high-resolution images with detailed legends that support the text descriptions.
5. **Expand Discussion:** Elaborate on the patient's follow-up, long-term prognosis, and comparisons with similar cases reviewed in the literature.
6. **Clarify Terminology:** Use uniform terminology (e.g., consistently "pyopneumothorax" without variation).
7. **Check for Typographical Errors:** Correct minor typos, e.g., missing spaces, typo in "carbuncles," and inconsistent spelling of medical terms.