

REVIEWER'S REPORT

Manuscript No.: IJAR-53628

Date: 31/08/2025

Title: A Systematic Review on Factors Influencing Compliance with Directly Observed Treatment, Short-Course (DOTS) Therapy for Tuberculosis Patients

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: Sakshi Jaju

Date: 31/08/2025

Reviewer's Comment for Publication.

The article reviews studies from 2015–2025 to identify why many TB patients fail to complete DOTS therapy. It finds that poor compliance is linked to poverty, low education, lack of awareness, substance abuse, stigma, weak healthcare support, and long travel distances to DOTS centers. Government programs like NTEP, Ni-kshay Poshan Yojana, and Pradhan Mantri TB Mukh Bharat Abhiyaan are highlighted as key interventions to improve adherence. The review stresses that TB elimination requires not just medical treatment but also social, economic, and community support.

Strengths:

1. Comprehensive literature review with clear methodology.
2. Covers multiple factors (socioeconomic, personal, behavioral, healthcare, social).
3. Relates findings to Indian TB elimination programs, making it policy-relevant.
4. Emphasizes patient-centered and multi-sectoral approach.

Weaknesses:

1. Mostly relies on secondary data; lacks original field-level analysis.
2. Limited quantitative synthesis.
3. General recommendations; could provide more specific intervention models.
4. Focuses heavily on India, though TB is a global issue.

Overall Assessment:

This article is well-structured, clear, and highly relevant to TB control. It effectively identifies barriers to DOTS compliance and links them to national strategies. However, it would be stronger with statistical comparison and concrete intervention frameworks. The result and discussion part to be shorten better readability and reference should be formattted as per journal format.

International Journal of Advanced Research

Publisher' s Name: Jana Publication and Research LLP

www.journalijar.com

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Manuscript accepted for the publication after minor corrections.