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Metropolis receives patent for clinical evaluation system to transform TB management

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For managing patients being assessed for tuberculosis and related mycobacterial infections



Metropolis Healthcare has been granted a patent by the Patent Office, Government of India, for its invention titled “System and Method for Monitoring and Managing Mycobacterium Species-Related Infections”. The patented method introduces a structured, data-driven approach to support clinicians in evaluating and managing patients being assessed for tuberculosis and related mycobacterial infections.

The innovation brings together microbiology findings, molecular diagnostic results, radiology assessments, and patient-specific risk factors within an intelligent, algorithm-enabled framework. By consolidating these diverse insights into a unified pathway, the method aims to improve interpretation and promote greater consistency in clinical evaluation, particularly in settings where accuracy is critical.

Commenting on the development, Surendran Chemmenkotil, Managing Director, Metropolis Healthcare Limited, said: "This is a proud moment for Metropolis as we receive our first patent, an important milestone that reflects our continued commitment to scientific rigor and purposeful innovation in diagnostics. The method recognised under this patent is intended to enhance TB evaluation and offer clinicians an added layer of support in complex decision pathways. As India advances toward its TB elimination goals, we hope this development contributes meaningfully, particularly in communities that face a higher burden of the disease.”

India has made meaningful progress in addressing tuberculosis under the National Tuberculosis Elimination Programme (NTEP), supported by improvements in detection, reporting and treatment outcomes. Diagnostic innovations that organise data and streamline clinical workflows play a vital role in complementing these national public health efforts.

Dr Kirti Chadha, Chief Scientific and Innovation Officer, Metropolis Healthcare, added: “Early and accurate diagnosis remains essential to improving TB outcomes. This patented system and method has been developed with a strong scientific foundation, integrating diagnostic signals into a framework that supports clearer clinical assessment. Our aim is to provide physicians with structured, evidence-supported insights that assist in making more precise and confident decisions.”