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HEALTHCARE WITHIN WALKABLE DISTANCE

# CLOSING THE GAPS IN TB CARE CASCADE



## Background

The “TB care cascade” visualizes various stages of gaps in TB care delivery. The gaps represent patient losses in the ability to access a TB diagnostic test, receive an accurate diagnosis, register for appropriate TB treatment, adhere to daily medication, and remain TB-free post treatment.

## Objective

The four year USAID supported project will implement quality improvement (QI) interventions to minimize the gaps across the entire TB care cascade.

## Geographies

Selected districts of Gujarat and Jharkhand

## Methodology Frameworks

Interdisciplinary approaches to address care gaps:

- ❖ TB epidemiology
- ❖ Behavioral design
- ❖ Micro-experiments
- ❖ Digital learning
- ❖ Technology infrastructure (Nikshay)
- ❖ Value-based care

## QI models and activities

The project will prototype interventions in the TB patient care cascade aligned with the pillars of National Strategic Plan of NTEP.



### Identify "missing" cases

- Engagement of informal providers
- AI-enabled Chest X-ray integration
- Intensive case finding



### Address barriers to treatment access

- Tracking patient mobility & migration
- Increased access to free treatment (FDCs)
- Optimized supply chain models



### Improve treatment outcomes

- Adherence Monitoring
- Enhanced care: Malnutrition, Stigma, ADR, Mental health
- Long-term follow-up



### Strengthen health systems

- Patient triage & linkage to services
- Optimized workflows for healthcare staff
- Digital learning platforms

## Key Project outcomes

- Optimized QI interventions with SOPs to scale up models
- Strengthened capacity of health system to monitor care cascade
- Enhanced Nikshay components for care coordination and decision-making
- Establish Quality Improvement Unit enabling scaling of care cascade monitoring for state-level impact
- Improved quality and equity of care along the entire patient pathway

## About WHP

World Health Partners (WHP) is a non-profit Indian society that sets up programs to bring sustainable healthcare within easy access to underserved and vulnerable communities. It innovatively harnesses already available resources more efficiently by using evidence based management and technological solutions. WHP is best known for its programs focused on early detection and treatment of tuberculosis in urban and rural settings supported by community based activities to ensure prevention. The organization uses all available resources--both in the public and private sectors to ensure that people living in any part of the country will have access to high quality TB care.

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