Question 2: What are effective and sustainable mechanisms or processes to integrate local, community, sub-national, national, and regional voices, priorities, and contributions into health system strengthening efforts?

Leveraging Fixed Amount Awards: Strengthening Health Systems to Provide Equitable Differentiated TB Care in India

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Context

which the activity takes place. What is the health problem that you are trying to solve? What health system challenges contribute to this problem? Which voices were engaged in solving this problem before your activity started? Who was missing from the discussion and what was the impact of that

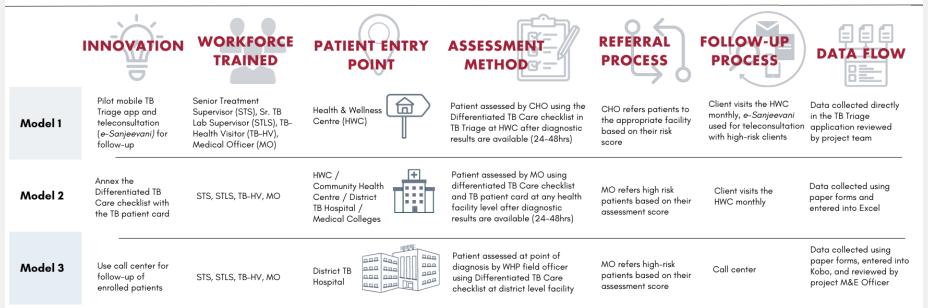
- Tuberculosis (TB) remains a significant contributor to mortality in India. WHO estimates TB-related mortality in India at 494,000 (2022). A significant proportion (65%) of these deaths occur within the first two months of treatment.
- The health care system often fails to meet the requirements of people who have clinically severe TB and/or comorbidities. The prevailing standardized approach to TB care in India overlooks individual needs and fails to connect them to services for other health and social challenges
- Recognizing the limitations of the standard ambulatory treatment approach to meet diverse needs, the National TB Elimination Program (NTEP), stewarded by the Central TB Division (CTD), acknowledged the need for a new approach to reduce preventable deaths among people with TB.
- Despite the NTEP's issuance of differentiated TB care guidance in January 2021, implementation by states has been limited by the lack of demonstrated operational models and tools.
- The COVID-19 pandemic revealed health system weaknesses, underscoring the need to strengthen primary health care service delivery. In particular, referral pathways for COVID-19 and TB services were unclear, resulting in inadequate access and loss of clients within the system.
- CTD recognized an opportunity to test differentiated care models through the USAID-funded TB Implementation Framework Agreement (TIFA) project implemented by JSI. CTD and JSI solicited applications and funded 12-month fixed amount awards, known as TB commitment grants. CTD selected three intervention models, tailored to community, primary, and secondary care facilities. Grantees implemented these models in urban and rural contexts across eight states. These models aim to strengthen the screening process, ensuring the identification of people with TB at high-risk for morbidity and mortality and facilitating their referral to appropriate service levels for needs that cannot be met at their point of entry into the health system.

Activity Description

Nhat systems-thinking approach did you take to address the health problem identified above? What government agencies or other stakeholders did you work with, why did you choose them, and how did you engage them? Describe in detail the process or mechanism used to integrate local, community, sub-national, national, or regional voices, priorities, and contributions into this approach. How did you build community, government/stakeholder ownership or buy-in? It may be useful to describe your theory of change.

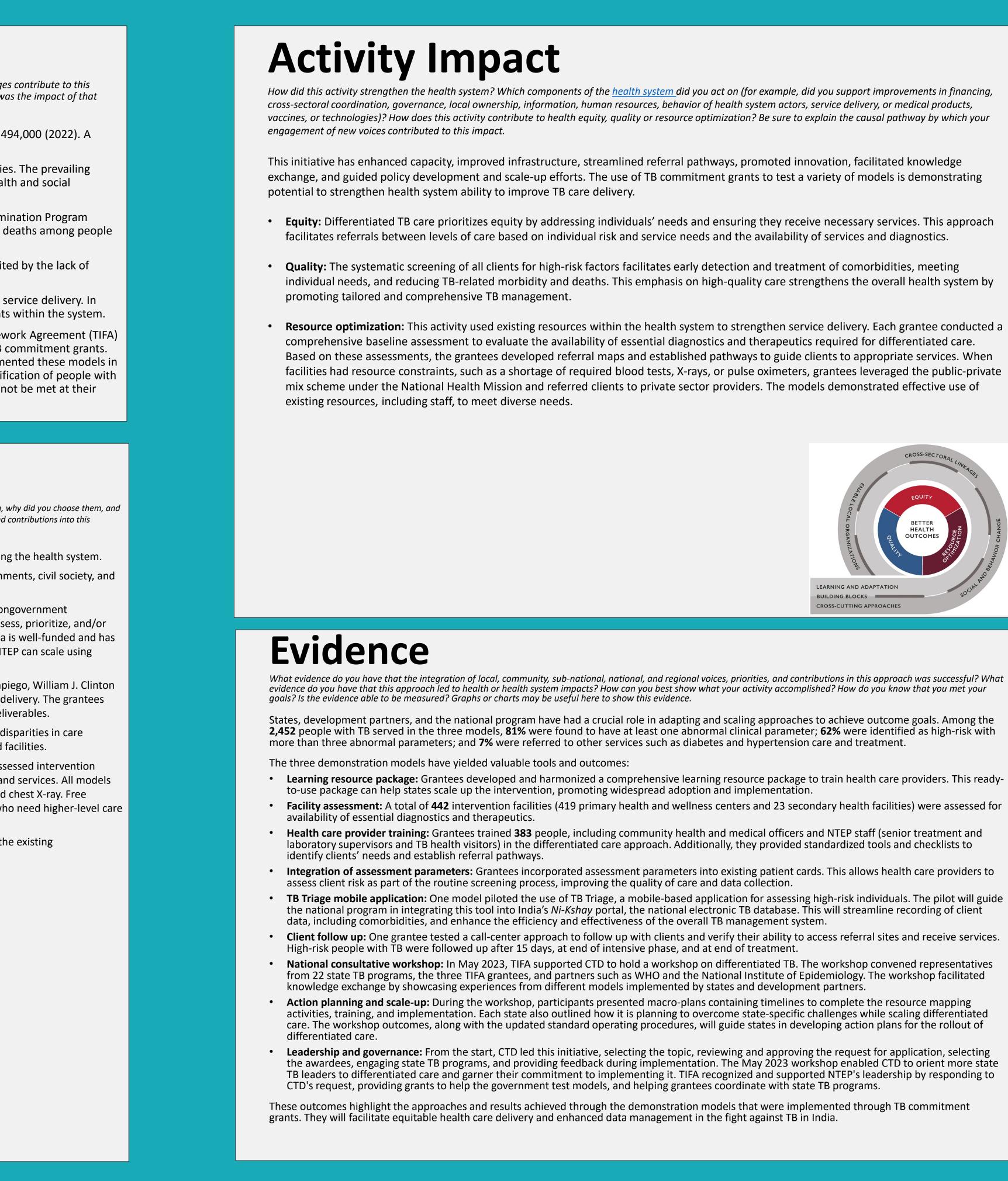
- Testing differentiated care models through TB commitment grants is accelerating India's TB elimination efforts and strengthening the health system. • As part of USAID's Global Accelerator to End TB, TIFA aims to increase commitment from and strengthen the capacity of governments, civil society, and the private sector to accelerate countries' progress in reaching global and national TB targets.
- In India, TIFA collaborates with USAID and CTD to award grants and contracts to government entities, international and local nongovernment organizations, and private sector partners. These awardees implement catalytic activities, helping the NTEP to test, critically assess, prioritize, and/or scale new interventions to fill program gaps and accelerate progress of its 2025 TB elimination strategy. The TB program in India is well-funded and has strong government support. CTD uses TIFA grants to identify key interventions and generate knowledge and approaches that NTEP can scale using existing resources.
- TIFA issued a request for application to identify organizations to develop and implement the models. TIFA awarded grants to Jhpiego, William J. Clinton Foundation, and World Health Partners, with each grantee implementing a different model targeting a specific level of service delivery. The grantees engaged in a co-design process with TIFA, USAID, and CTD that resulted in detailed activity plans, budgets, and agreed-upon deliverables.
- Grantees implemented their models in 11 districts across eight Indian states. CTD and partners selected the districts to reflect disparities in care seeking, quality, and structures of health service delivery across India on the basis of geography, client load, infrastructure, and facilities.
- Grantees initiated each of the three models in the second guarter of 2022 and completed most activities by May 2023. They assessed intervention facilities to ensure availability of diagnostics, and identify health care provider capacity strengthening needs and referral sites and services. All models began by screening notified people with TB for risk using 16 parameters, including 11 clinical assessments, four blood tests, and chest X-ray. Free diagnostics for the most prevalent health conditions are now widely available at the primary health care level in India. Those who need higher-level care are referred to secondary or tertiary facilities for their conditions, thereby increasing the chances of successful TB treatment.
- The models used different approaches to client follow-up. World Health Partners established a call center, while Jhpiego used the existing teleconsultation facility *e-Sanjeevani*.

DIFFERENTIATED CARE MODELS









RESULTS FOR DEVELOPMENT



Facilitators

What aspects of the health system, context, or external partner support helped make this successful? For example, were there existing working groups in place that enabled efficient coordination between stakeholders on this activity? Did you use a tool or knowledge resource from a global partner like WHO or UNICEF to help inform your activity?

- approach.
- channels for disseminating information and best practices.
- streamlined the follow-up process, particularly at primary health care facilities.
- facilities, establishing a comprehensive cascade of assessment and referrals.
- sites and laid the foundation for future scale-up.

Challenges

What were some problems or challenges that you faced during your activity implementation? Did you expect these challenges or were they unanticipated? How did you respond to these challenges?

- shortages in facilities.
- comprehensive care needs of all clients.
- treatment or comorbid conditions.
- with TB.

Lessons Learned

What lessons have you learned while you implemented this activity? How will this impact future activities or approaches? What advice would you give to other implementers and health systems actors in other countries that might want to adapt your approach?

- overcome challenges faced during the initial implementation phase.
- are key to integration.
- morbidity and mortality risks
- facility level.
- to plan scale-up.





HEALTH SYSTEMS STRENGTHENING ACCELERATOR

Political commitment and support: The NTEP in India, with the technical support of WHO, led the testing and adaptation of differentiated care models through TB commitment grants. State administrations provided administrative support and initiated plans to sustain and expand the

Grantee technical assistance: Jhpiego, William J. Clinton Foundation, and World Health Partners provided essential technical assistance, strategic thinking, and solutions. Their tools for risk assessment, identification of high-risk people with TB, and referral guidance including the TB Triage app will support NTEP to overcome health system constraints to delivering differentiated care.

Coordination and information sharing: Grantees facilitated effective coordination among partners at the district and state levels, establishing

Use of telemedicine: Grantees used *e-Sanjeevani* to follow up with high-risk people with TB and provide teleconsultation services. This

Integrated service delivery: The differentiated care models fostered the integration of services across primary, secondary, and tertiary

State readiness: States' willingness to conduct differentiated care activities in selected districts catalyzed the identification of implementation

Resource availability: Meeting client needs under a differentiated care model is challenged by gaps in the availability of diagnostic equipment and staff

High health center attendance: Although the Indian health system aims to have one primary health center for every 20,000–30,000 people and one community health center for every 80,000–120,000, these centers often have higher-than-expected attendance and struggle to meet the

Bed availability: Limited bed availability in referral facilities is an obstacle for people who require in-patient services for complications related to TB

Referral leakages: It is difficult to document the outcomes of referrals because there is no dedicated referral tracking and feedback system. • Lack of adult malnutrition management: The health system has a capacity gap for treating adult undernutrition, a prevalent condition among people

Scoring calculation acceptance: Inconsistencies in risk identification occur across facilities and geographic locations due to variations in medical practitioners' understanding of "high risk" and interpretation or acceptance of risk scoring calculations.

• **National stewardship:** The National TB Elimination Program led the testing of differentiated TB care models. It conducted preparatory activities, guided the co-creation of models, and initiated crucial communications with grantees and stakeholders.

• Facilitation of catalytic change through TB commitment grants: The three 12-month TB commitment grants allowed the CTD to gather evidence of strategies that can be scaled up and to identify areas needing improvement. Nine-month follow-on grants will enable grantees to

Resource optimization: Sustainable implementation of interventions relies on the optimal use of available resources. Providing temporary human resource support to high-burden centers during the integration of differentiated care facilitates effective implementation.

Local contextualization: Adapting interventions to the local context promotes acceptance and efficiency. It is essential for the health system to align project activities according to local needs and resources. Coordination with, and openness to, suggestions from states and partners

• Infrastructure strengthening: Improving diagnostic infrastructure is crucial for reducing turn-around time in assessing people with TB for

Referral matrix and follow-up: A matrix to facilitate appropriate referrals is needed. Identifying high-risk people with TB and referring them for treatment should be the starting point of the differentiated care cascade, followed by follow-up, preferably at the primary health care

Interim results: While grantee models are still in the preliminary phase, interim results suggest progress toward the initiative's goal of integrating differentiated TB care. Follow-on grants will allow grantees to close identified gaps, test improvements, and collaborate with states

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