

Annual Report 2022-2023

Infectious diseases like tuberculosis, malaria, dengue continue to exact a huge toll globally. Newer challenges such as the increasing toll of vector-borne diseases linked to the climate crisis and the rapid emergence of antimicrobial resistance are public health threats that humanity hasn't tackled before.

It was in 2015, that the United Nations enshrined the SDG goal 3.3 towards the global elimination of communicable diseases by 2030. India, put forward even bolder commitments. Yet, communicable diseases have suffered from a lack of patient capital for development and deployment of science- and tech-based innovations, that hold great potential in transforming the care continuum. This is why the India Health Fund was founded by the Tata Trusts in 2016, soon after the UN global goals were penned, in a strategic partnership with The Global Fund.

Fast forward half a decade, today, India Health Fund is de-risking the development of 16 innovations — diagnostics, digital tools and platforms -- for infectious diseases such as malaria, TB, dengue, chikungunya and COVID-19. Six of these game-changing tools are now in use in public health settings, at a minimal or no cost to patients in the remotest corners of the country. In the last year alone, we started funding the development and validation of five new solutions which use cutting-edge technologies to make diagnosis and treatment faster, more accessible, accurate and affordable -- a cough detection algorithm for TB; a child-friendly sputum collection device for TB testing; a single sample panel for rapid detection of fever illnesses; a telepathology microscopy platform for malaria and a novel sputum storage and transportation device for TB testing.

In our annual report 2022-23, as we recollect and reflect on the progress and pitfalls of the year that went by, we invite you to join us in this journey.



Areas of our work

SCREENING & DIAGNOSTICS

DISEASES	THEMES	PORTFOLIO
<ul style="list-style-type: none"> TB Covid-19 Influenza Vector-Borne Diseases 	<ul style="list-style-type: none"> Rapid Tests Molecular point-of-care Diagnostics Climate & Health Antimicrobial Resistance One Health User-centred design Multi-disease solutions 	

DIGITAL HEALTH

SCREENING & DIAGNOSTICS

SUPPLY CHAIN

SURVEILLANCE

DISEASES	THEMES	PORTFOLIO
<ul style="list-style-type: none"> TB Vector-Borne Diseases 	<ul style="list-style-type: none"> Internet of Things enabled devices Artificial Intelligence and Machine Learning Climate & Health Tele-pathology Treatment Adherence 	

Our Portfolio

Driving innovation in Screening and Diagnostics at primary care

Nearly half the world has little or no access to diagnostics. This gap widens even further at the primary healthcare level in LMICs where 4 in 5 people don't have access to the simplest diagnostic tests. Prompt and accurate diagnosis, especially at primary level, can save lives. Science- and tech-based screening and diagnostic innovations have an untapped potential to strengthen primary healthcare and improve health outcomes. Plugging this need gap in screening and diagnostics & the focus on the underserved has been key to the theses of India Health Fund.

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Our Portfolio

Digital Health Tools and Technologies for Infectious Diseases

Digital technologies have become the drivers of increased productivity, economic growth, and innovation across sectors. However, healthcare as a sector, has lagged when it comes to adoption of digital technologies. India, with its diverse healthcare landscape, can benefit by leveraging digital tools for inclusive universal healthcare. IHF's work in digital health is focussing on design thinking and evidence generation.

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Latest photo stories from the field:



HOW TRUENAT® IS ACCELERATING TB DIAGNOSIS IN GOA

A state that has transitioned 100% from age-old sputum microscopy to rapid molecular diagnosis



HOW AI IS BRINGING HEALTHCARE EQUITY IN A MINING TOWN

Our Partnerships

Stronger together -- collective action is critical to the work of India Health Fund. Over the last five years since inception, India Health Fund has created a first-of-its-kind platform for collaboration between government, public and private sectors to come together in the development, validation, financing and scale-up of innovations to tackle infectious diseases. Today, we have woven a network of 30 partners (and counting) so far. Together, what we have achieved is far greater than what any of us could have individually envisioned.

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