

# Reaching the 'hard to reach'

## Project: ACCESS TB, Philippines for Active case finding

PBSP is a Global Fund grantee and an early adopter of Artificial Intelligence aided TB detection in Philippines. Active case finding is done through mobile health vans (equipped with X-rays machines) intended to screen the vulnerable and at-risk populations in different pockets of Manila, including prisons.

4 Mobile vans with qXR

100+ Municipalities covered

25%

more TB cases identified  
(missed earlier)

50,000+

individuals screened

<2 minutes

from 3 weeks in X Ray  
reporting time

\$40

Cost saved per notified  
case



Read more: [Scaling up TB screening with AI: Deploying automated X-ray screening in remote regions](#)

# Engaging the private providers

Partner : PATH, Nagpur, India

With an aim to test usefulness of qXR in screening of Tuberculosis, PATH implemented a public-private partnership pilot with informal providers in Nagpur district lasting 13 months. Presumptive TB patients were notified and linked to public sector for treatment.

**20%**

Increase in overall case notified since 2019

**13%**

Increase in case detection attributed to qXR

**50%**

Improvement in microbiological confirmation

**<10 minutes**

Registration to sputum



# Strengthening surveillance systems

## Project : TB Surveillance project, Baran, Rajasthan

qXR has been used as a TB Surveillance tool (all chest X Rays are scanned by qXR) - flagged TB presumptive cases are referred immediately to DOTS center for sputum submission.

20,000+

Individuals screened

33%

Additional cases detected

2 minutes

Referral time for sputum confirmation from 2 days prior to qXR deployment

<1Day

To enroll to treatment, compared to 4 days prior to qXR deployment



# Piloting scalable surveillance models

## Project: TB Active Case Finding and Surveillance with Municipal Corporation of Greater Mumbai

Partnered with TB Reach and MCGM for demonstrating a surveillance-based approach for incidental TB findings using qXR and qTrack app in peripheral hospitals in Mumbai



100,000

Estimated individual reach in one year

13

peripheral hospitals in Mumbai

1.1 day

Average time from X-Ray taken to sputum collection

46%

Average % sputum collection



# IHF TB Quest GRANT

**Project: Smartphone based Chest X-ray Tuberculosis Triage for Analog CXRs and a web-based solution for Digital CXR**

Qure.ai had proposed to develop a point of care system to digitize analog chest X-ray films and scale up of the digital chest X-ray solution of qXR for Tuberculosis Screening.

**13,000+**

Individuals screened

**60**

Sites across 4 states

**1.0 day**

Average time from X-Ray taken to sputum collection

## Partners:

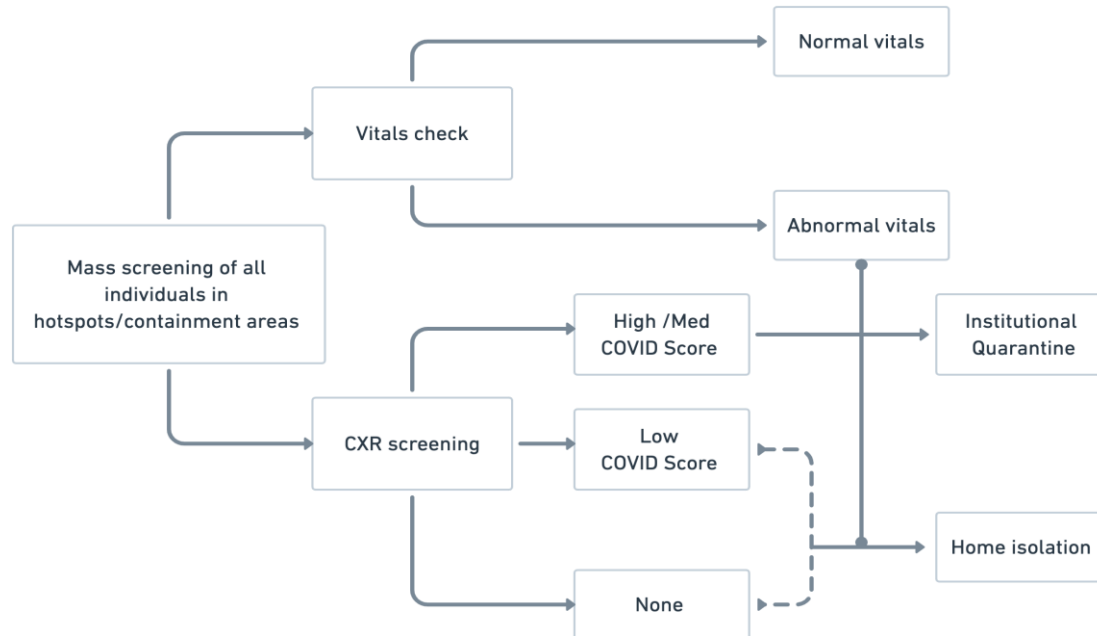
- Ashakalp, Rajasthan
- KHPT, Karnataka
- Diwaliben Hospital, Mumbai
- Harriet and Benson Hospital, UP



# Pandemic management with MCGM

**Project: Mass screening and progression monitoring of Covid19 in Mumbai, India**

Qure has worked closely with MCGM in extending the use of qXR in management of both TB and COVID-19 to strengthen the existing healthcare framework and empower frontline workers in taking quick decisions for better patient management and outcomes. qXR has been deployed in 15 MCGM sites including dedicated COVID-19 facilities.



**30,000+**  
Individuals screened

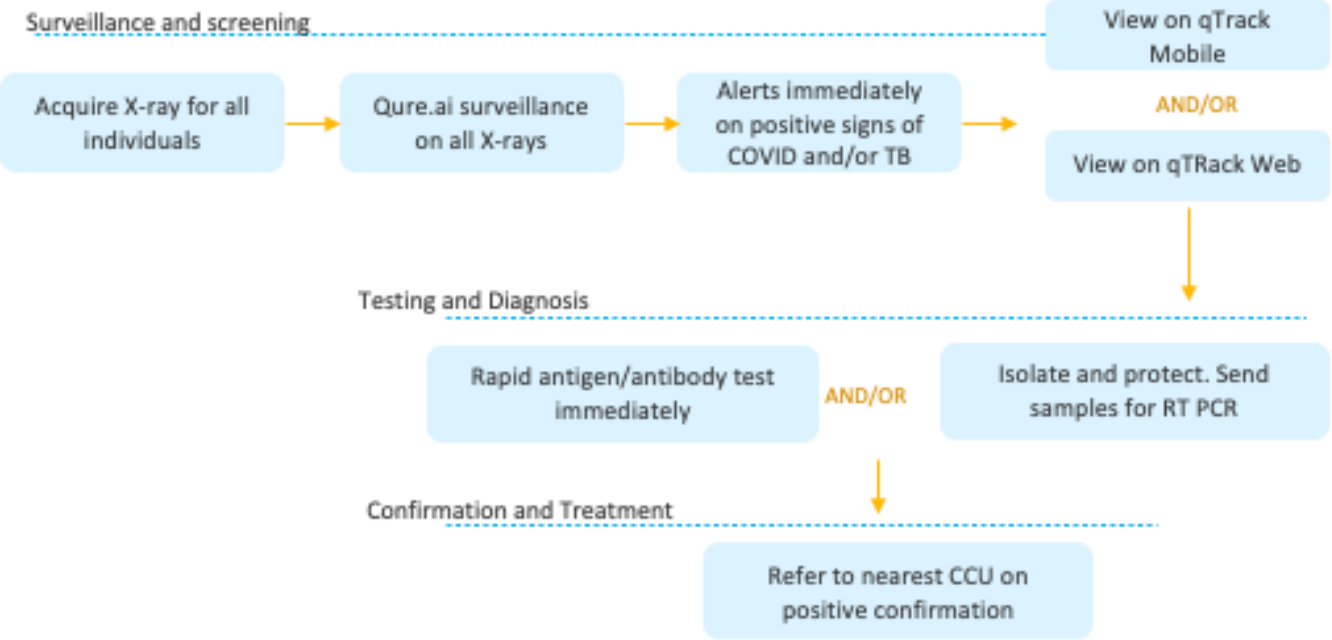
**20.3%**  
Individuals alerted for institutional quarantine



# Empowering clinicians to deliver quality care at last mile

## Project: qXR for TB and COVID-19 Screening across 15 states across India

Strengthening COVID-19 response by scaling up usage of qXR for triage and critical care management of COVID-19 in remote and resource-limited settings



27,000+

Individuals screened across 15 states

61.2%

were referred for a follow-up COVID-19 microbiological test

58.3%

were admitted to the hospital / advised for home isolation



# Innovators In Health, India

Innovators in Health (India), a Stop TB Partnership's TB REACH Wave 7 grantee, implements 'Aahan', an active TB case finding program in the Samastipur district of Bihar in partnership with Accredited Social Health Activists (ASHA), and with a focus on engaging the private sector in TB care. qXR was used for chest X-Ray interpretation from July 2020 in four private digital X-Ray facilities linked with the program.

**2,700+**

individuals screened till date

**22%**

TB confirmed cases missed by radiologist, picked up by qXR

*"Implementing AI solutions to interpret radiographs in high burden settings has the potential to optimize microbiological testing resources. It can also be potentially used as an assistance tool for providers and reduce the time of diagnosis. IIH has been using qXR by Qure.ai since July 2020. We have deployed the setup in four digital X-ray sites covering all the patients accessing treatment in the public sector. With Qure's steadfast support we are assessing how AI might assist in active-case-finding programs."- Smriti Ridhi, Aahan Project Manager*

