BROADREACH™ | vantage | Microsoft
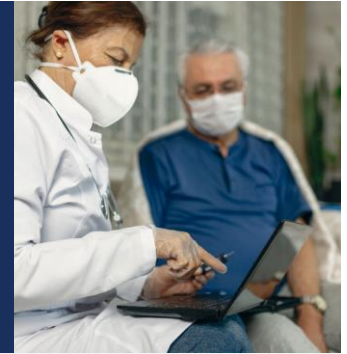
Empowering Action.
Changing Lives.

Covid-19: Test, Track, Treat

Decrease and contain new Covid-19 infections through an integrated community screening, testing, treatment, contact tracing and communications approach

How do we flatten the curve and decrease new infections?

The rapid spread of Covid-19 needs coordinated, urgent steps to find new patients, trace their contact and contain further spread. Save lives through active tracking, screening and monitoring.
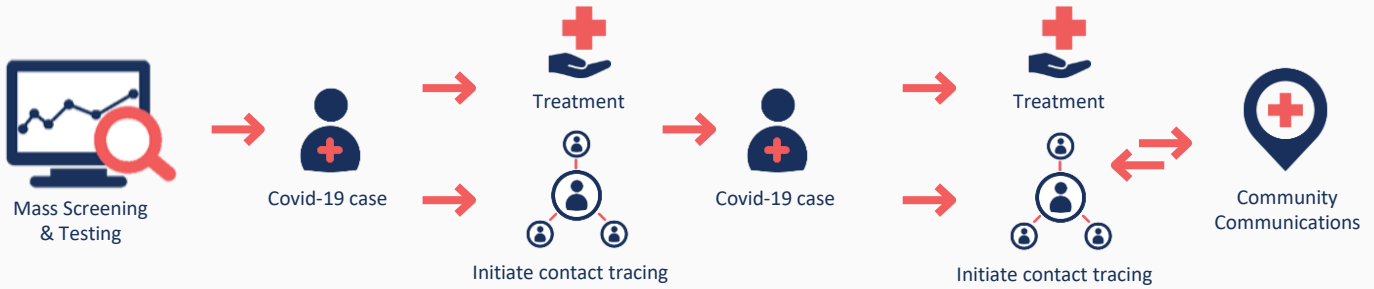
How does it work?

Simple, single data capture and communication app for health workers to map community screening, record new infection and trigger contact tracing. Management uses real time, joined up information to make agile decision on care and resource allocation. Data lead: virtuous cycle of mass screening and testing, treatment and contact tracing

At-a-glance Box

- Simple, connected data capture
- Record community screening and testing results
- Trigger contact tracing
- Identify hotspots
- Real time action
- Resource allocation

Real time data driven case finding

Mass Screening & Testing → Covid-19 case → Treatment → Initiate contact tracing → Covid-19 case → Treatment → Initiate contact tracing → Community Communications

Community Testing

- Collects household screening and testing data in real time
- Intuitive, simple user interface
- Coordinates next steps (treatment, contact tracing etc.) via secure in app communications

Rapid onboarding with over 4000 trained under 48 hours

Contact Tracing

- Automatic alerts to initiate contact tracing
- Targeted case finding joined up with testing
- Communications via both individual and mass messaging

Targeted messaging to over 500 000 people

Targeted Treatment

- Triggers Individual case management and treatment
- Identifies potential hotspots
- Integrates patient and facility information to allow for resource prioritization

10 million patients to be screened over 3-6 months

> *Test, test, test: it is not possible to fight a fire blindfolded*
>
> DR TEDROS ADHANOM GHEBREYESUS, DIRECTOR GENERAL: WORLD HEALTH ORGANISATION, 16 MARCH 2020