Next2People

Digital health systems and community health workforce

Consultation meeting to strengthen service delivery under integrated community based TB activities for finding missing TB cases, Addis Ababa, Ethiopia, 11-13 April 2018

Dr Giorgio Roscigno
One billion people around the world, including 400 million rural Africans, do not have access to health care because they live off the health care grid of their country.
The district / community divide

Households
Individuals

Community

Health Extension Workers

District

Health Facility

District Health System

MOH

Interrupted continuum of care

Shared Local Lab Network

Active Case Finding
Symptom screen
Diagnosis
Treatment
Follow up Home care

Nurses for MDR-TB, Link to schools
CHWs for drug-sensitive TB

CHWs

GPs
Vision and Mission

At Next2People, we believe that sustaining quality primary healthcare into communities supports more productive lives towards a lasting social change.

Next2People support this vision by engaging and empowering community health care workers and linkages with the private sector:

• To fill the healthcare gap between districts and communities

• To safeguard the continuum of care from patient screening until cure and support the reduction in TB infections at community level
Our mission in TB

1) Cut transmission and emergence of MDR-TB by diagnosing earlier and treating until cure while assuring and monitoring quality of drugs

2) Identify the missing cases by using active case finding with empowered CHCW

3) Ensure TB services are accessible to poor, vulnerable and out-of-reach communities where TB often concentrates
Health System Issues
Role of digital health & CHWs

Poor health infrastructure
HR issues
Poor supply chain
Weak system of surveillance
Weak laboratory capacity
Poor road infrastructure
Delayed care seeking

Commodities + Digital Health Tools

Community
Individual
Access/treat
Educate
Trust; respect

coach
supervisor
report
support
instruct
Health center
district

• Essential to build digital technology capacity in the health workforce at the community level

• Digital health systems urgently depend on a health workforce that is able to use digital technology effectively in day to day practice as well for reporting, training, mentoring and performance management
The global digital health facility

New organization mandate:

A. Target profiles aligned with country needs & capacity

B. Technology scouting with Chief Technology Officer

C. With working group support, bring technologies to strategic board for review

D. Selection and recommendation for development & field evaluation by partners

E. WHO recommendation for countries use and implementation

digital health tools as public health accelerators