

Real Time Reporting & Bank Grade Accounting of ACT Treatments

For



**World Health
Organization**

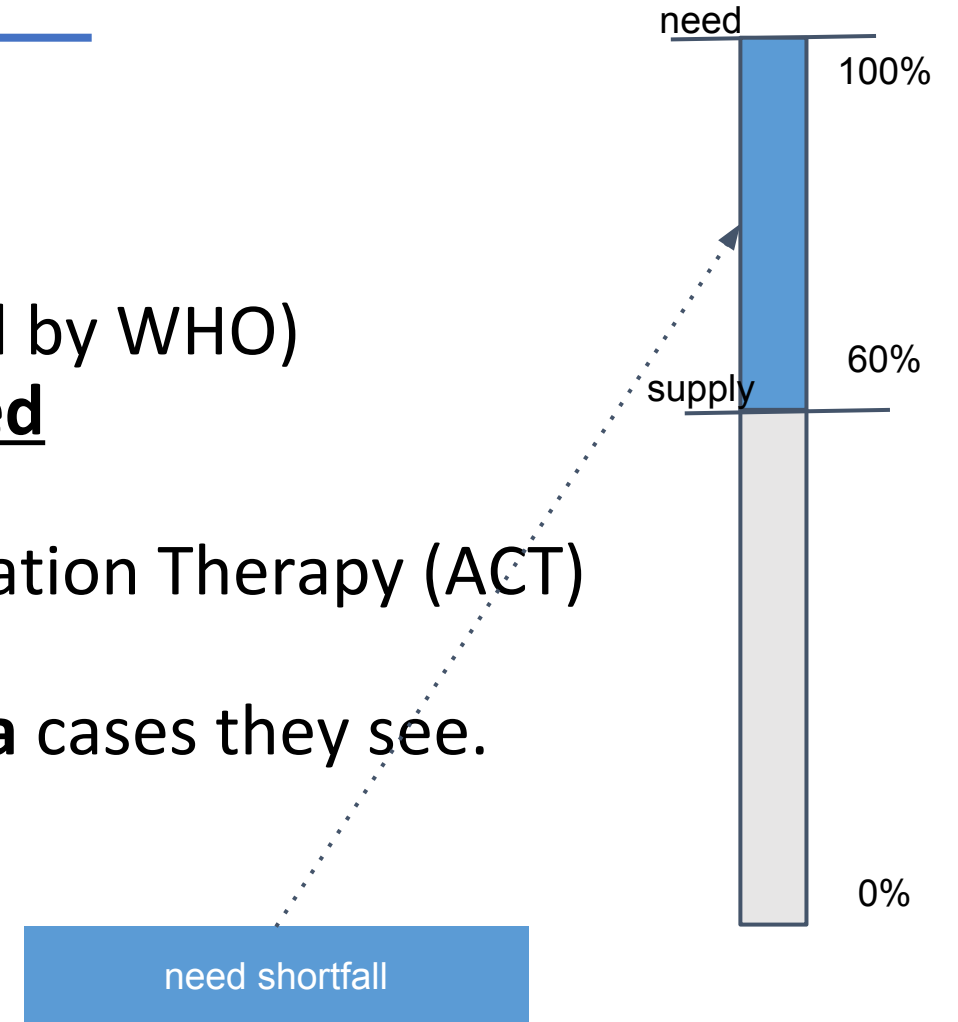


The Problem: What



Health workers (managed by WHO)
are undersupplied

treatments of Artemisinin Combination Therapy (ACT)
based on the number of **malaria** cases they see.



*All numbers are approximate and are for illustrative purposes only

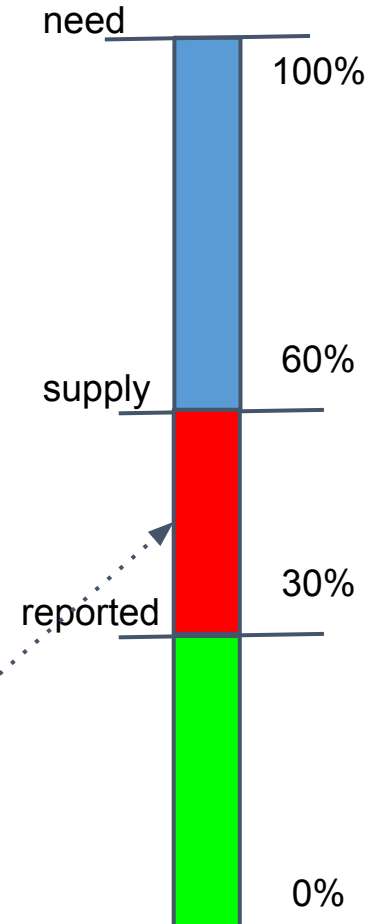
The Problem: Why

ACT Treatments are funded by External Donors based on the 'reporting of consumption'

Consumption is currently under-reported due to

Inadequately filled or Lost forms

By
Health
Workers



in danger of being unfunded

*All numbers are approximate and are for illustrative purposes only

The Solution: What's needed

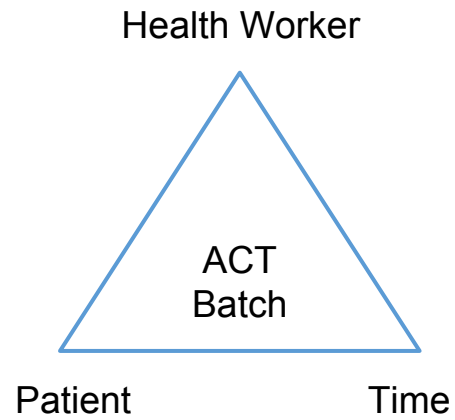


An inexpensive, convenient and reliable way

for
health workers
to

report the consumption of ACT treatments

The Solution: Proposed



A smartphone readable QR code to
maintain bank grade accounting
of each ACT treatment consumed



The Solution: Overview

- 1 The WHO distribution center in Mozambique uses the Skuchain powered app to Mint value based on the quantity of ACT treatments received.
 - 2 They then distribute this value to each of their 1400 health workers in the amount of ACT treatments given to them. This value is added to the health workers unique Popcode (Proof-of-Provenance) code.
 - 3 Each health worker scans their unique/personal Popcode every time they dispense an ACT treatment and associates this action with the Patient's data.
- That's it!**

A single-point Integration with current workflow

This produces various benefits such as: Real time reporting, bank grade accounting, per-patient tracking etc.

Mint Original Value

How it works
1/5



WHO Distribution Center in Mozambique



Received By:
Distribution Center #2
Mozambique

Value:
5,000 ACT Treatments

Date: 7/7/15

Popcode (Proof-of-Provenance) Code



Distribute to Health Workers

How it works
2/5

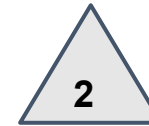
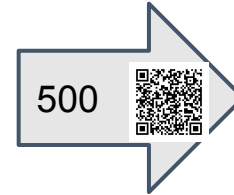
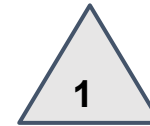


Distribution to Health Care Workers

Received By:
Distribution Center #2
Mozambique

Value:
5,000 ACT Treatments

Date: 7/7/15



Health care workers

Popcode Unitization



Health Worker Dispenses ACT

How it works
3/5



Health Worker



Value recd from
Dist. center



Received By:
Agent: Cumbe
Mozambique

Value:
200 ACT Treatments

Date: 7/12/15

199.. 198.. 197.. 196.. <



for each
dispensation

Scanned
and
associated
with
Patient



Powered by

skuchain

Popcode Transfer

ACT Treatments
consumed

200...201...202...

Real time reporting

How it works
4/5



Global Donors



World Health
Organization

Main Center



World Health
Organization

Distribution Center



Powered by

skuchain

Bank Grade Accounting

How it works
5/5



Single Dose



Health Worker Inventory



Distribution center Inventory



Scan

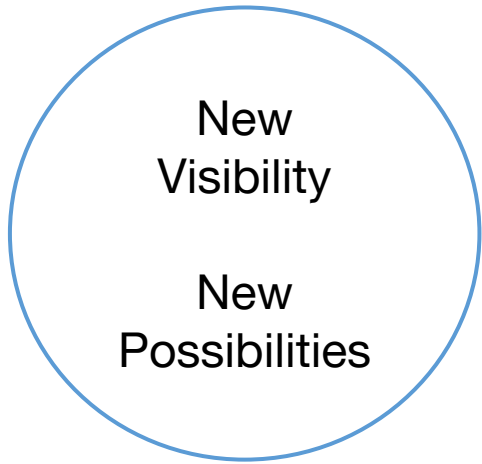


Donors



Proof-of-Provenance





Benefits

Real time & Summary Reports

Bank grade Accounting

Per-patient tracking

Health care worker - Productivity measures

Donor can get one-one insight into the Patients they have assisted

Next Steps: Contact

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