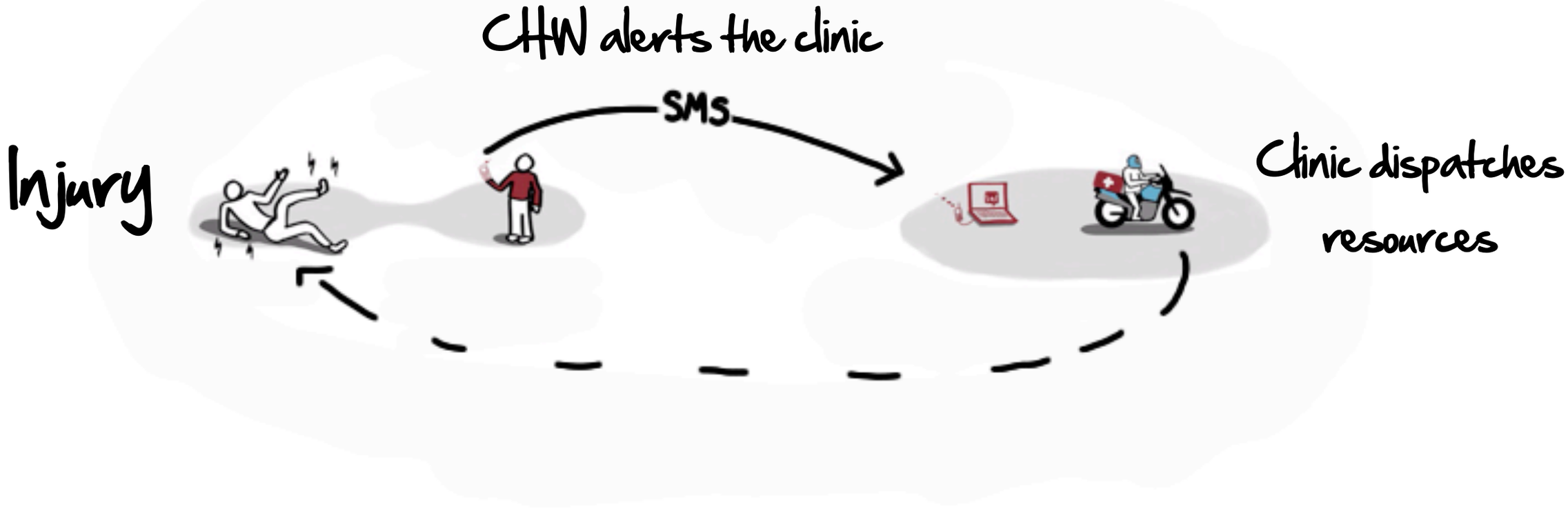
FRONTLINESMS
MEDIC

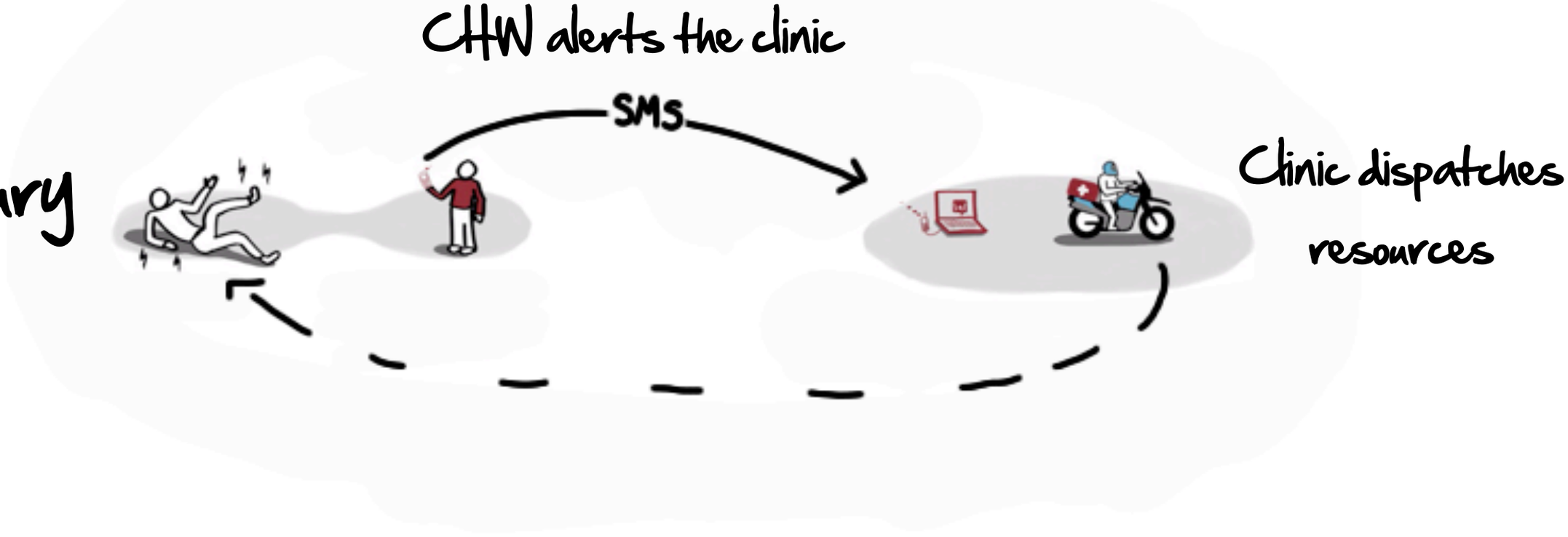
FRONTLINESMS

Emergency Care



Mahmud N, Rodriguez J, Nesbit J. A text message-based intervention to bridge the healthcare communication gap in the rural developing world. Technol Health Care. 2010 Jan; 18(2): 137-44.

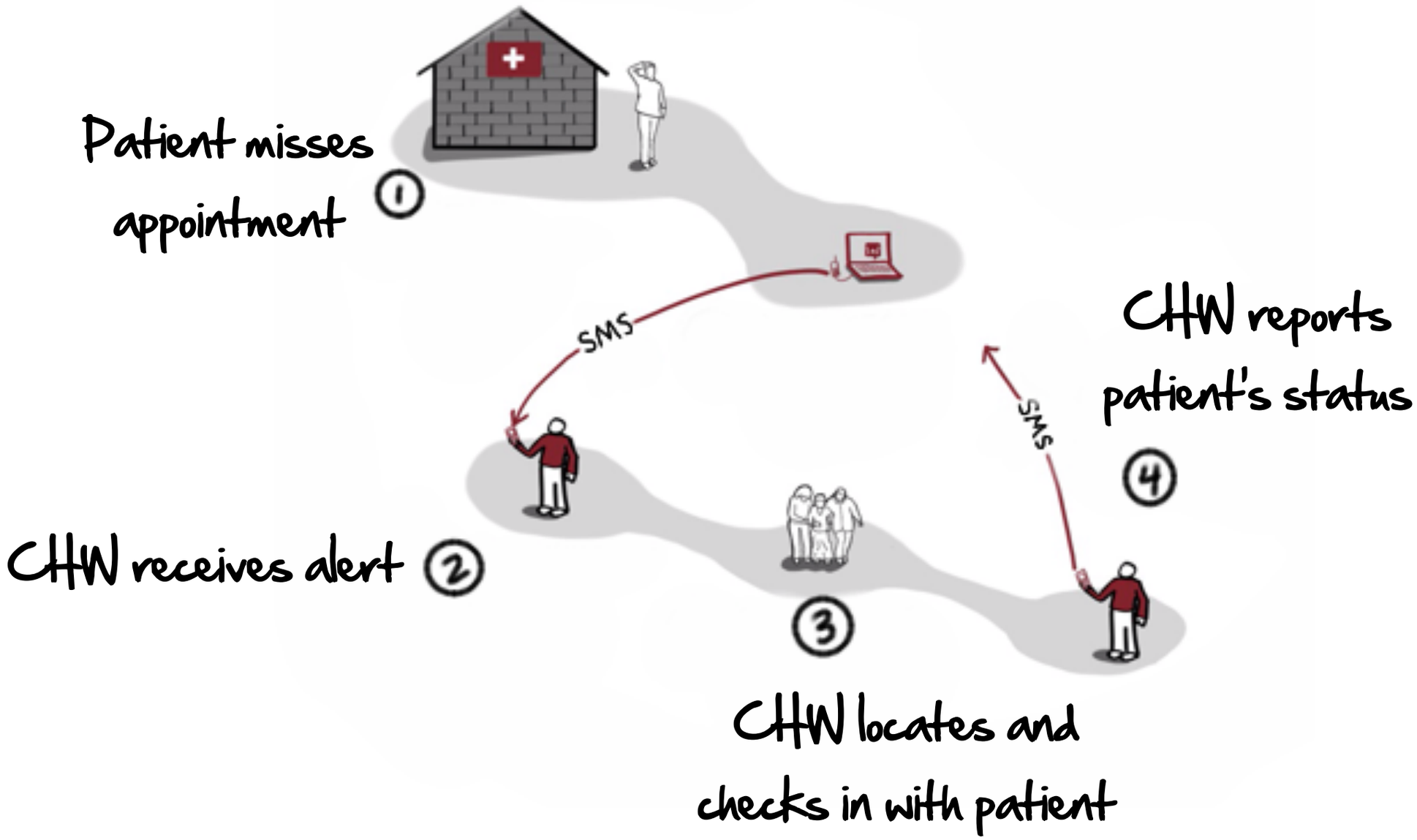
Emergency Care



150 patients over 6 months

Mahmud N, Rodriguez J, Nesbit J. A text message-based intervention to bridge the healthcare communication gap in the rural developing world. Technol Health Care. 2010 Jan; 18(2): 137-44.

Patient Tracking



Mahmud N, Rodriguez J, Nesbit J. A text message-based intervention to bridge the healthcare communication gap in the rural developing world. Technol Health Care. 2010 Jan; 18(2): 137-44.

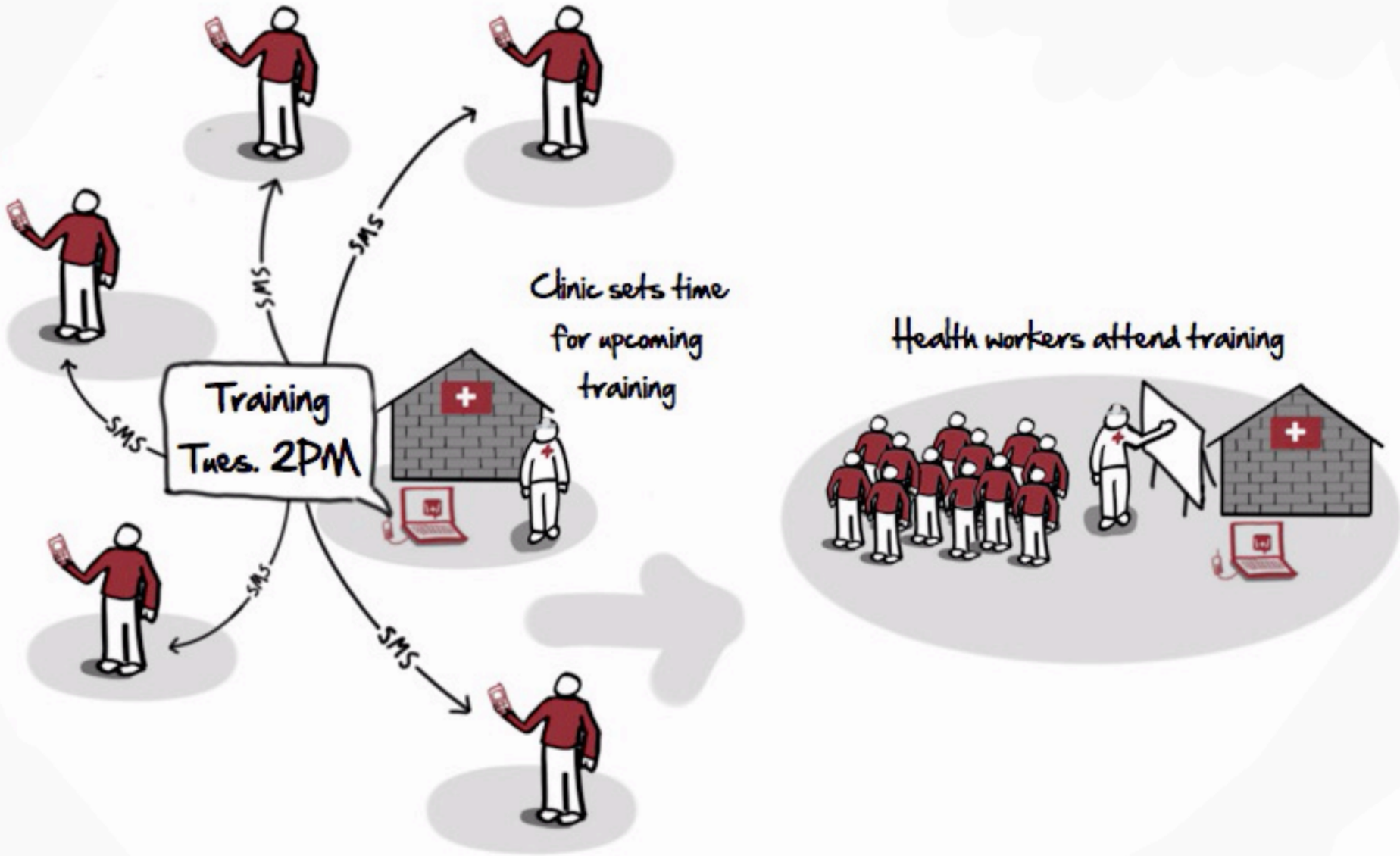
Patient Tracking

2100 hours saved

$3,500 saved

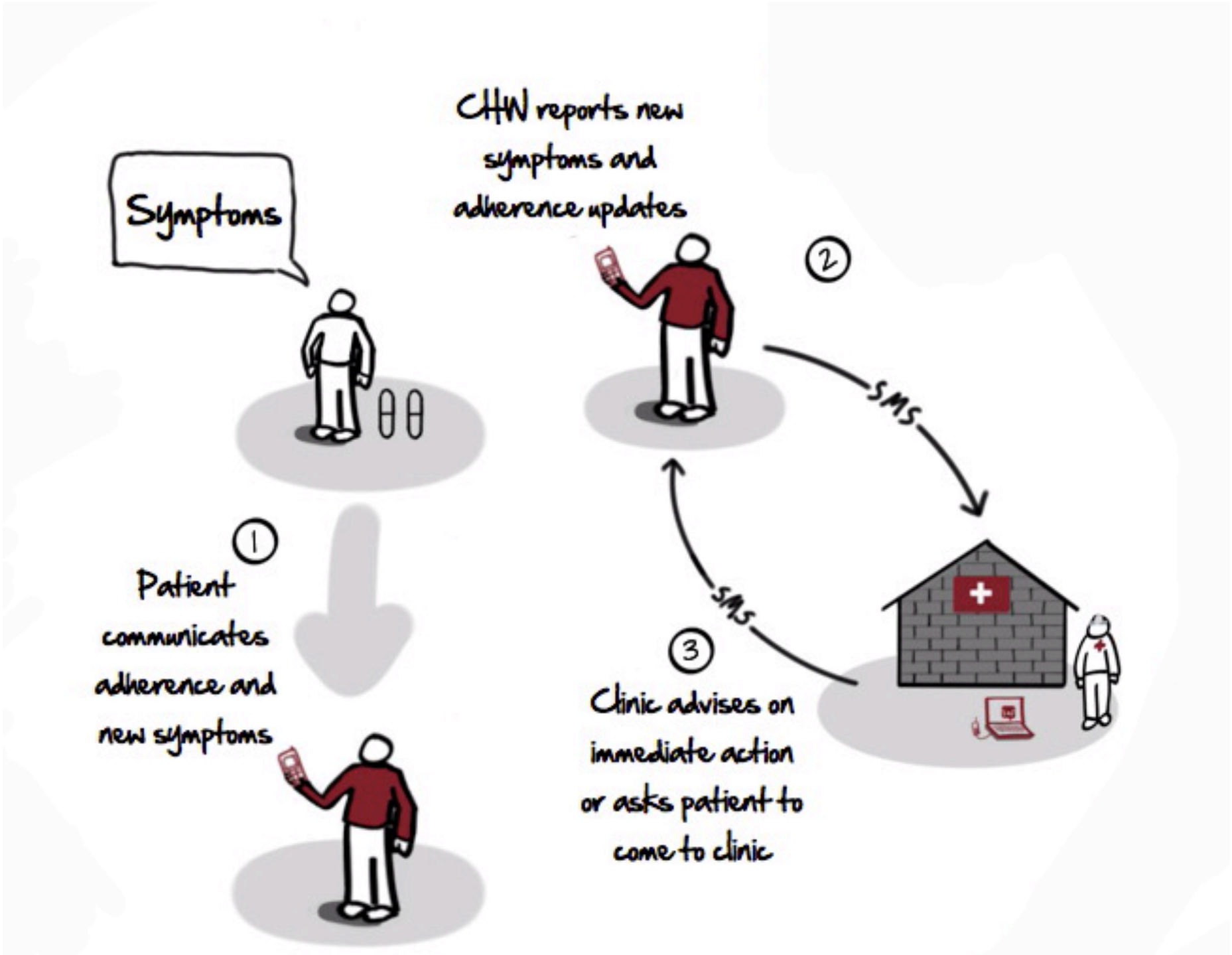
Mahmud N, Rodriguez J, Nesbit J. A text message-based intervention to bridge the healthcare communication gap in the rural developing world. Technol Health Care. 2010 Jan; 18(2): 137-44.

Management



Mahmud N, Rodriguez J, Nesbit J. A text message-based intervention to bridge the healthcare communication gap in the rural developing world. Technol Health Care. 2010 Jan; 18(2): 137-44.

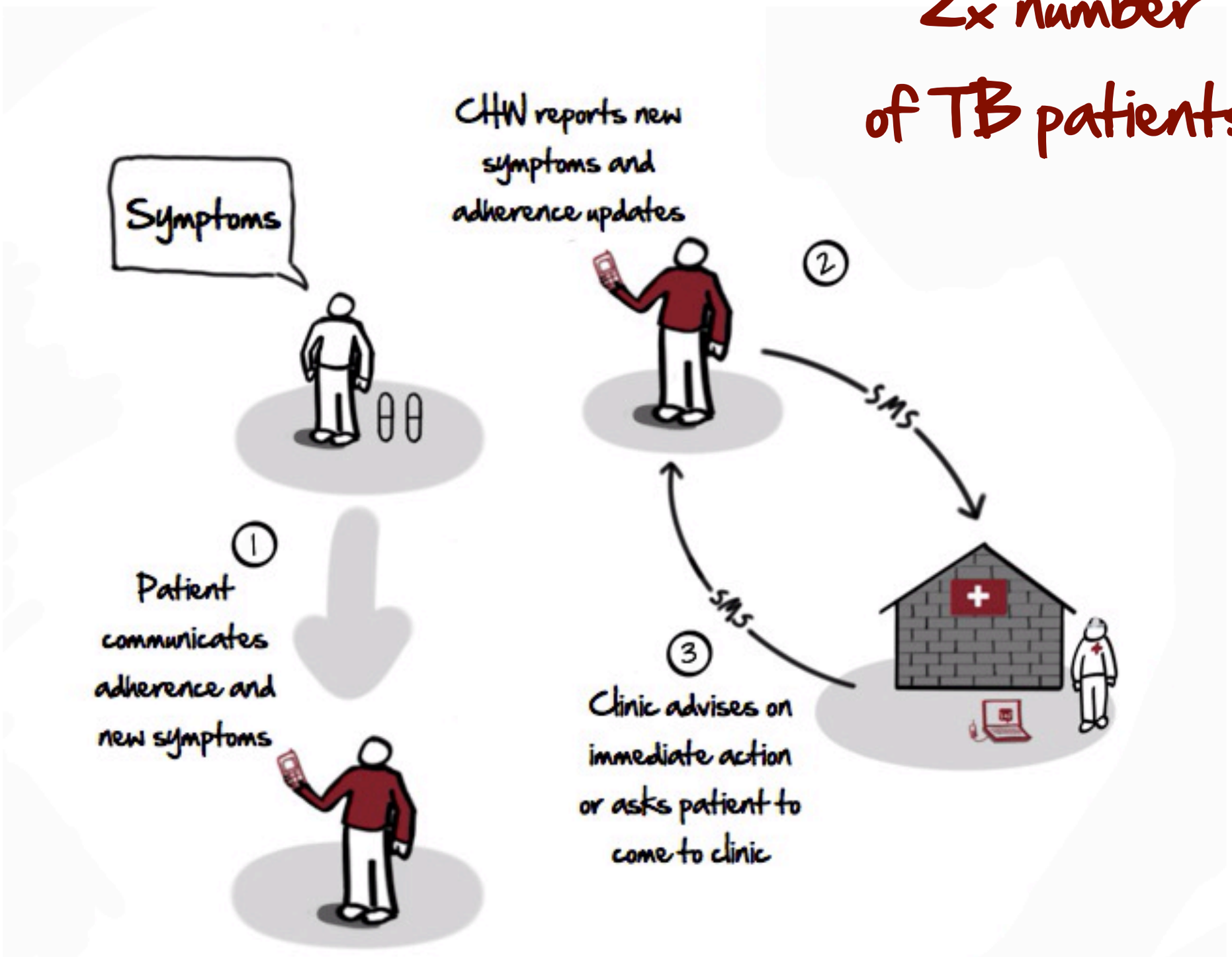
Symptom Monitoring



Mahmud N, Rodriguez J, Nesbit J. A text message-based intervention to bridge the healthcare communication gap in the rural developing world. Technol Health Care. 2010 Jan; 18(2): 137-44.

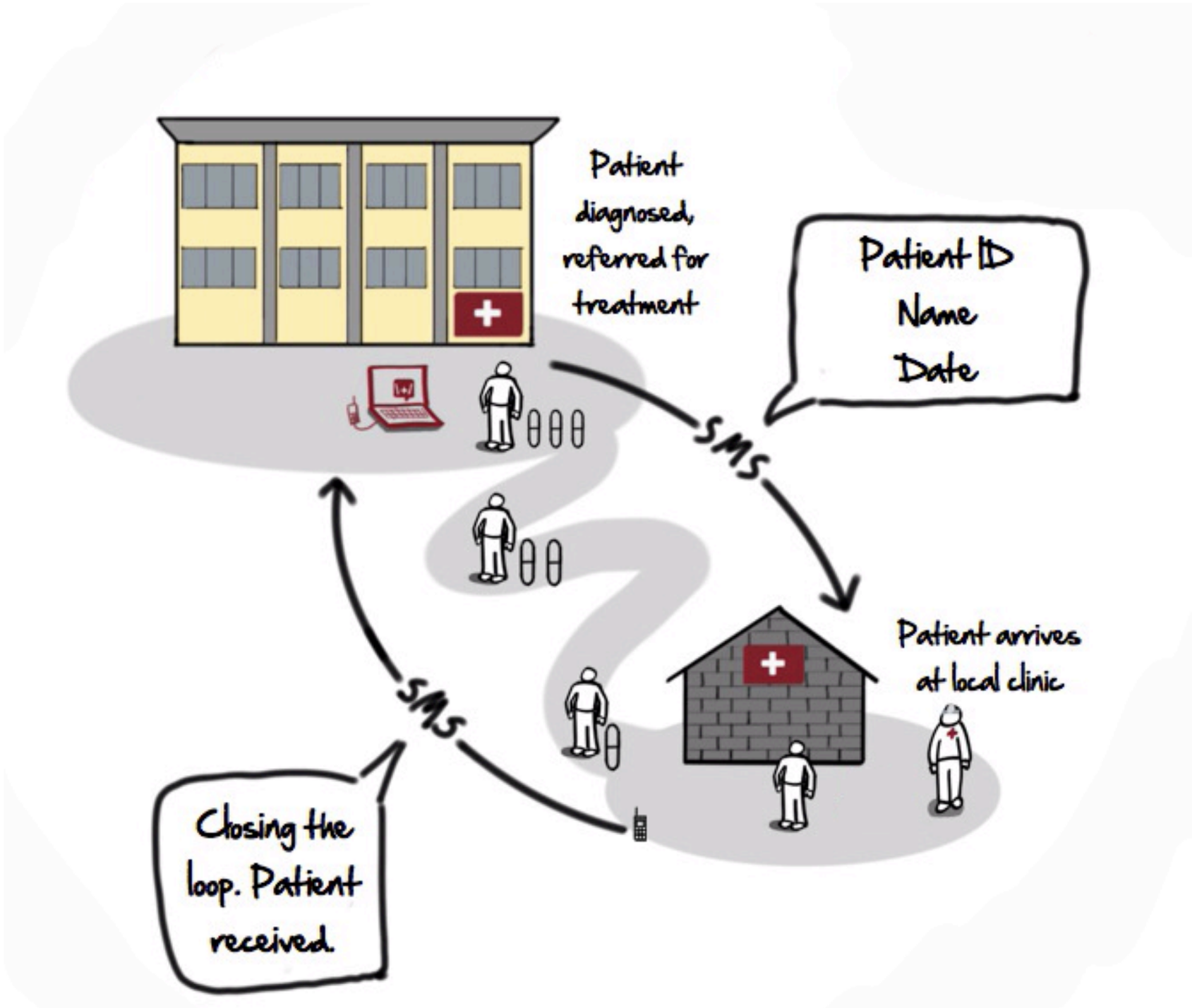
Symptom Monitoring

2x number of TB patients

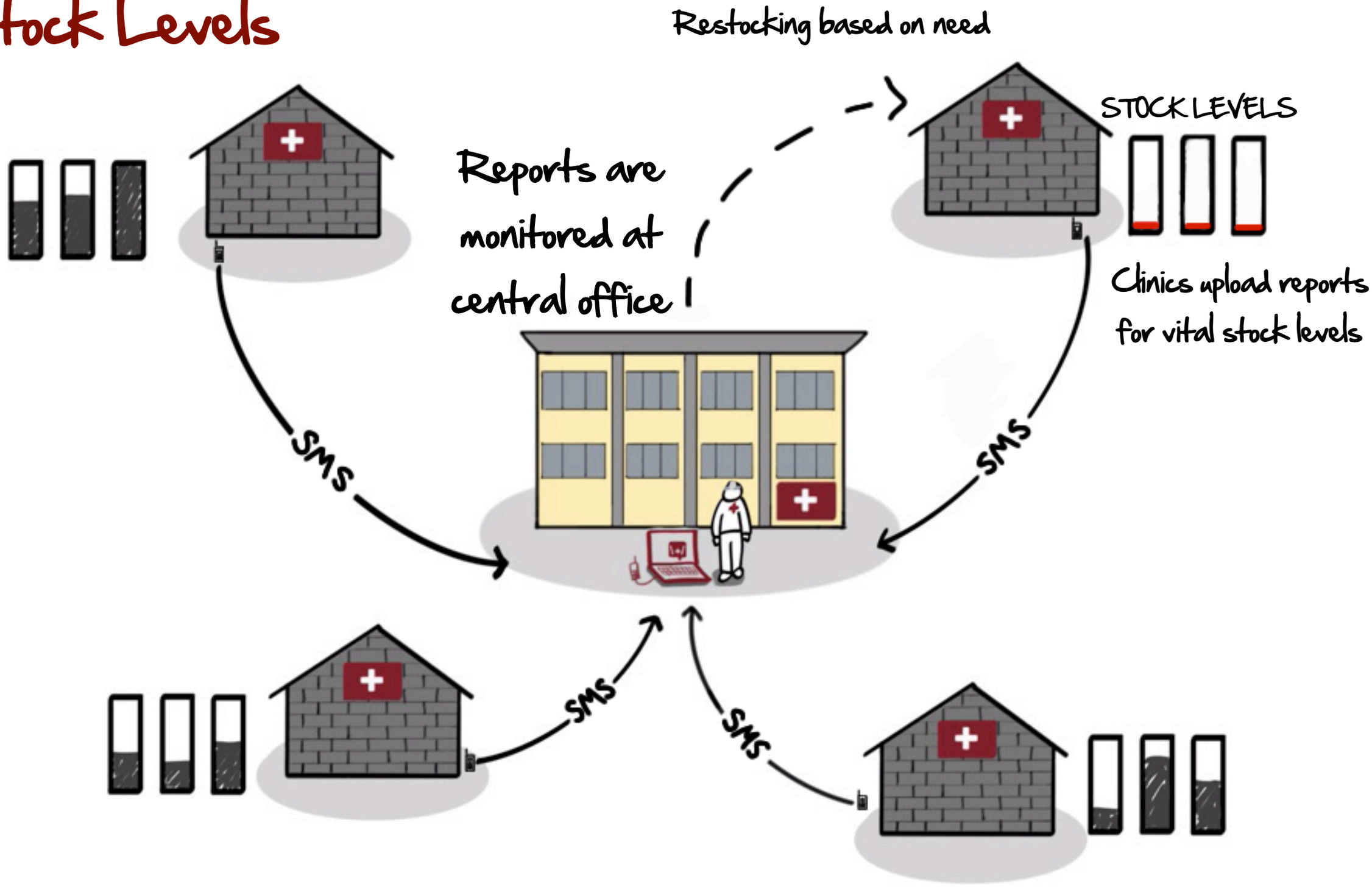


Mahmud N, Rodriguez J, Nesbit J. A text message-based intervention to bridge the healthcare communication gap in the rural developing world. Technol Health Care. 2010 Jan; 18(2): 137-44.

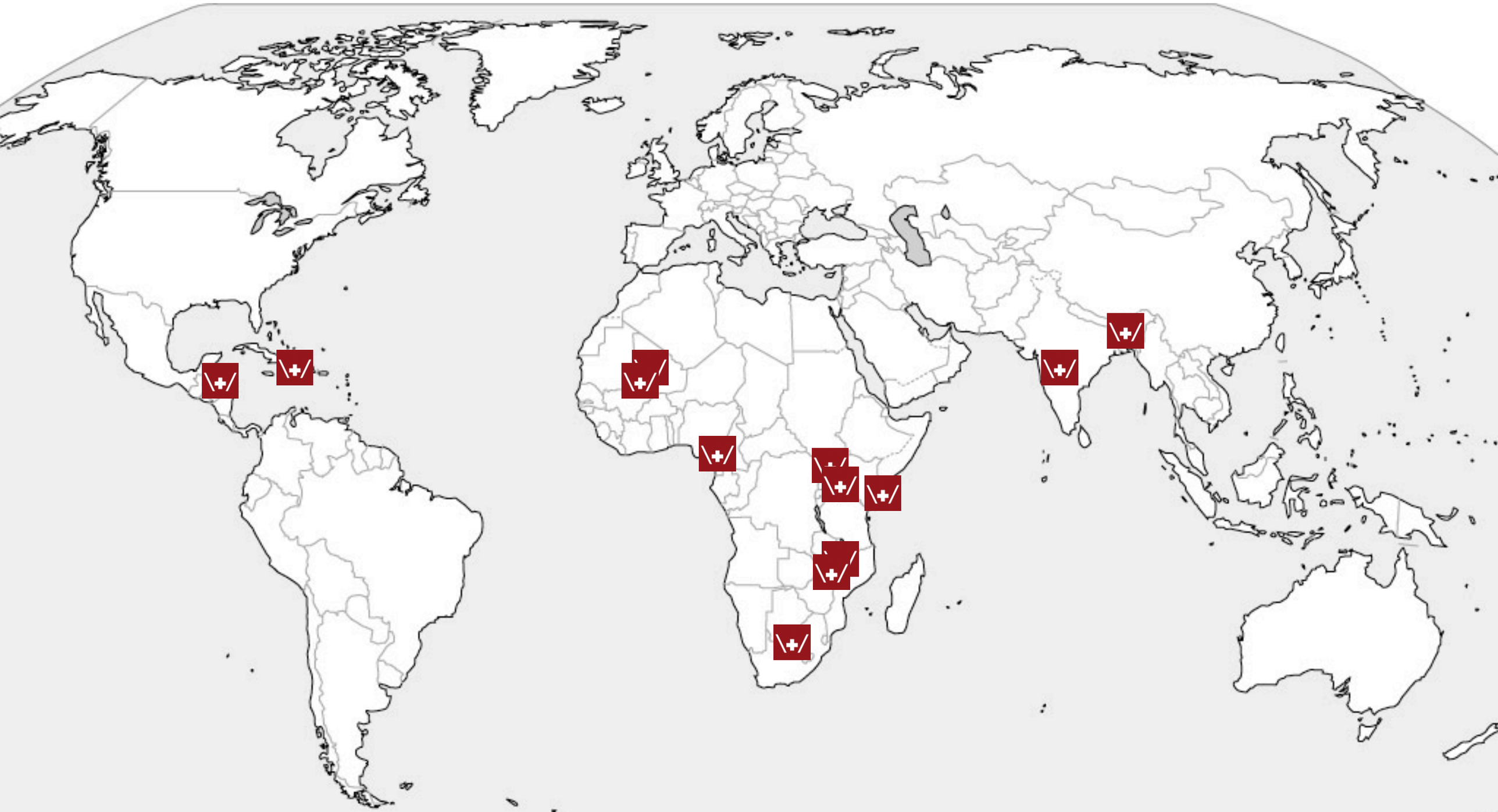
Referrals


Patient diagnosed, referred for treatment
Patient ID
Name
Date
SMS
Patient arrives at local clinic
SMS
Closing the loop. Patient received.

Stock Levels

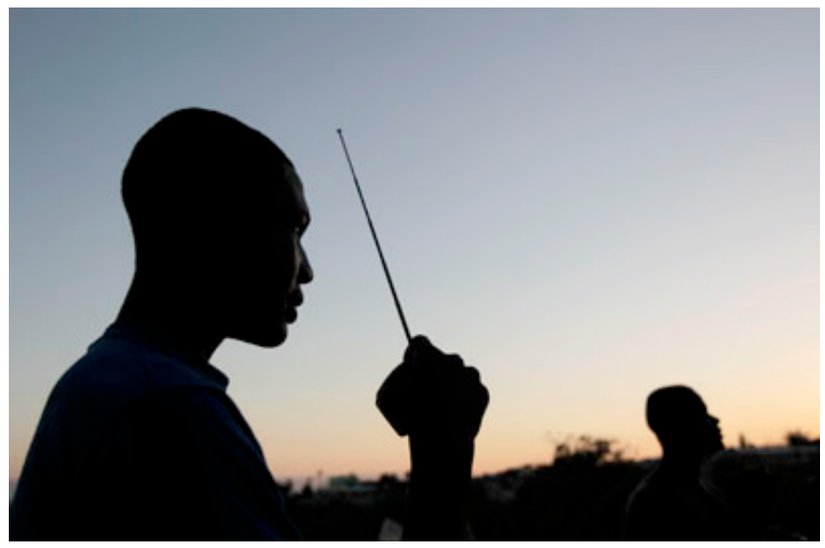


FRONTLINESMS
MEDIC

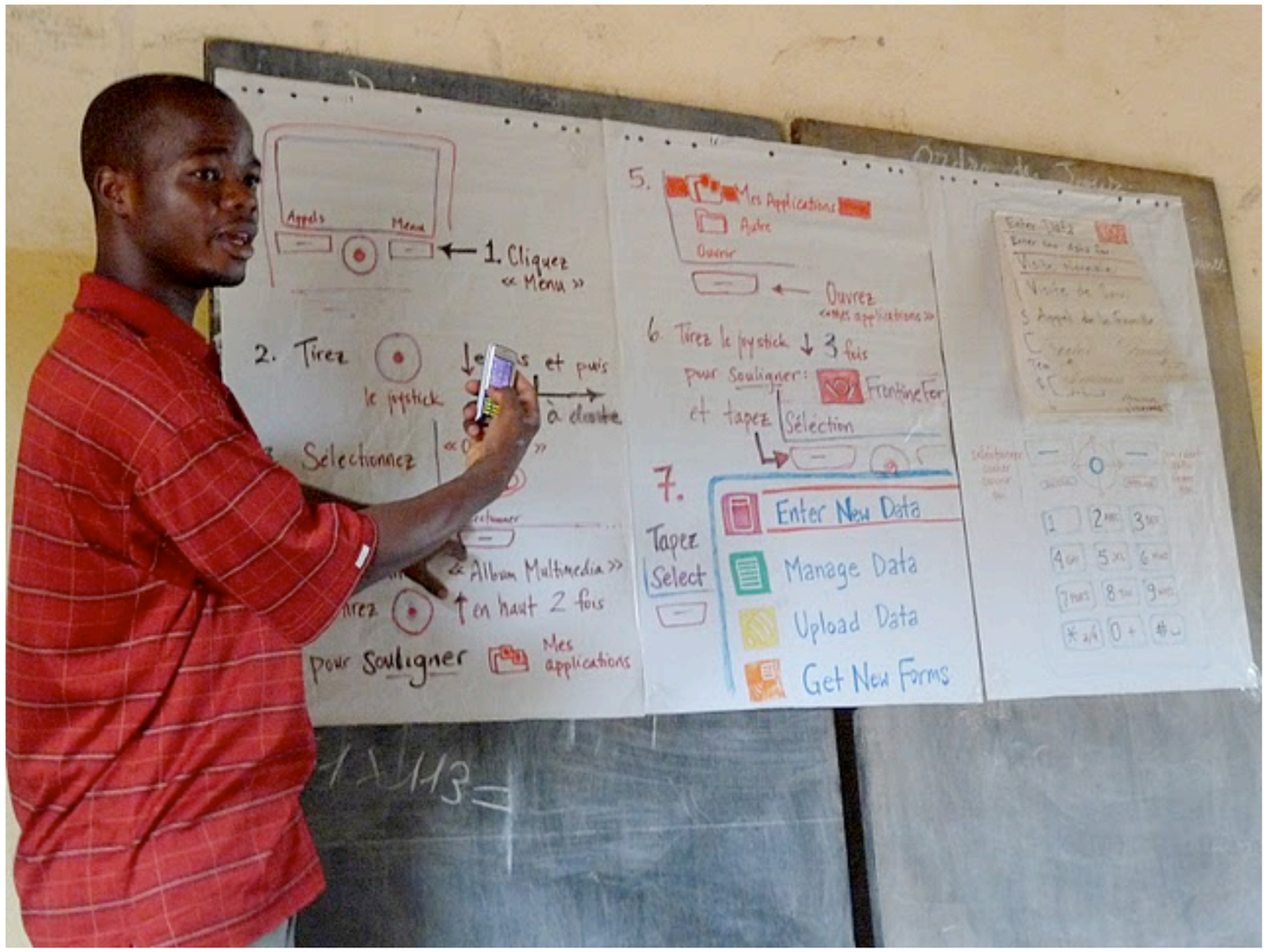


Text “4636” for Help in Haiti

POSTED BY KATIE DOWD / JANUARY 19, 2010



FrontlineForms



OpenMRS

MEDICAL RECORD SYSTEM

Welcome to OpenMRS. Please login to proceed.

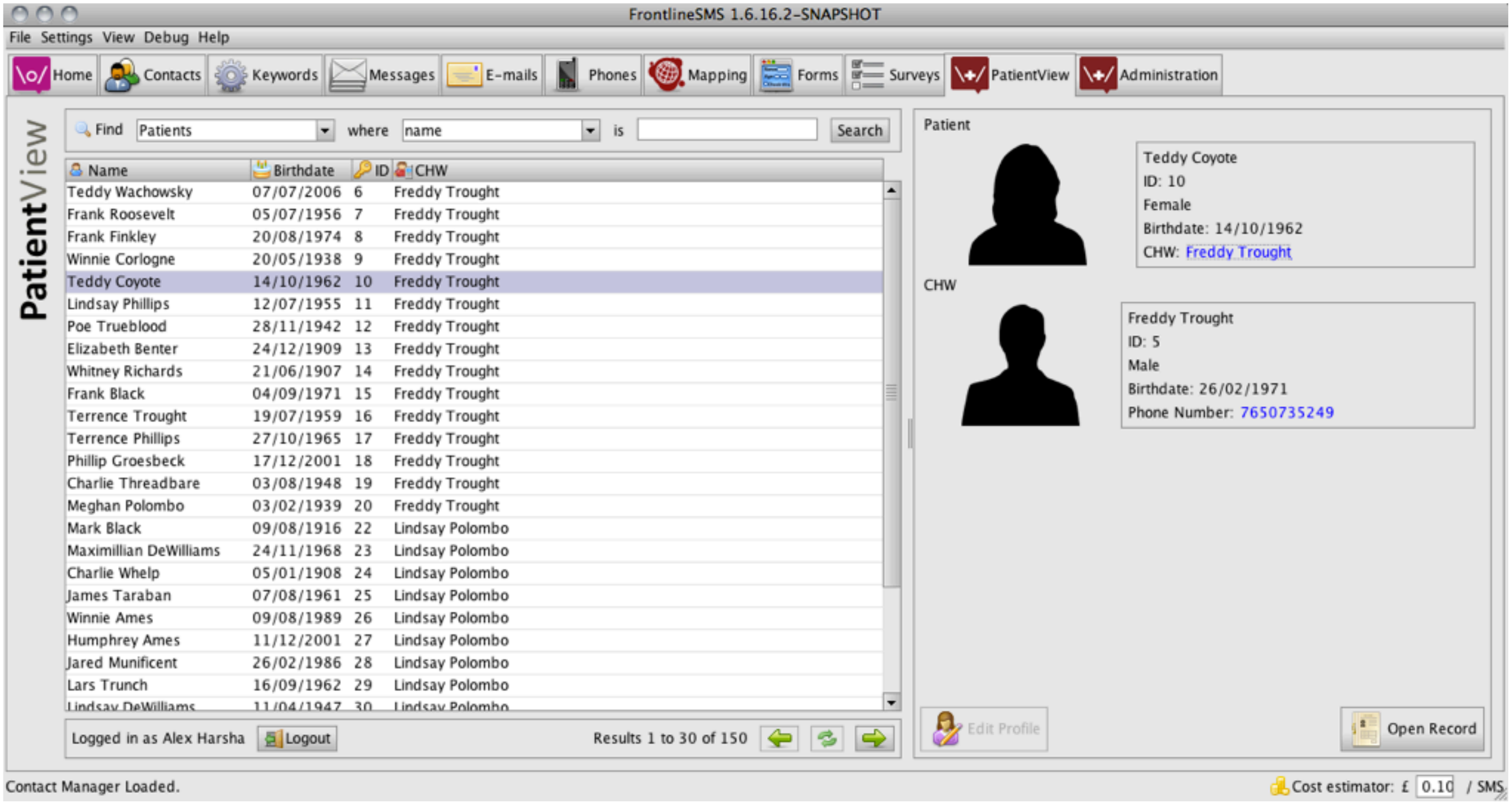
Username:

Password:

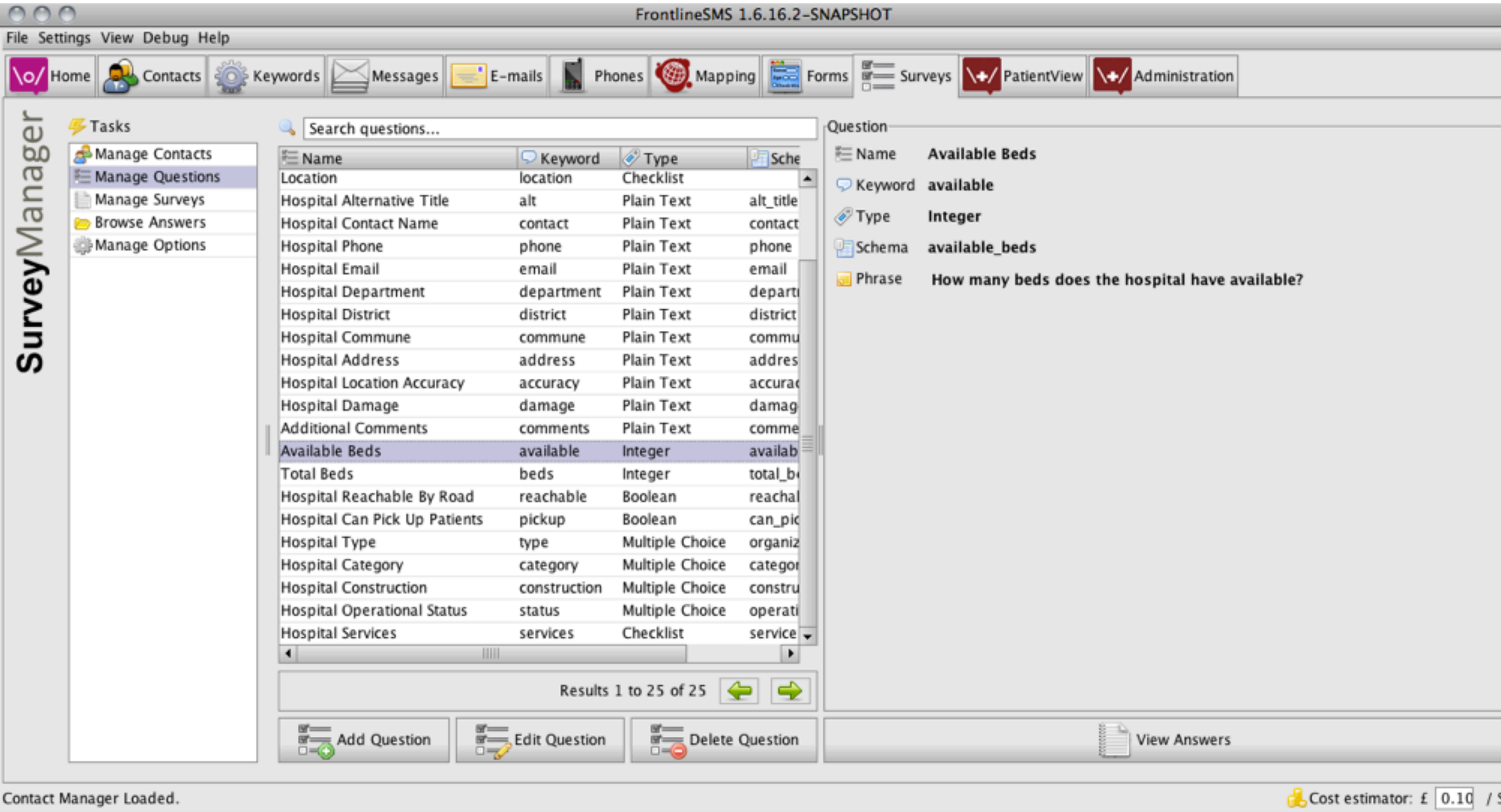
I forgot my password

Log In

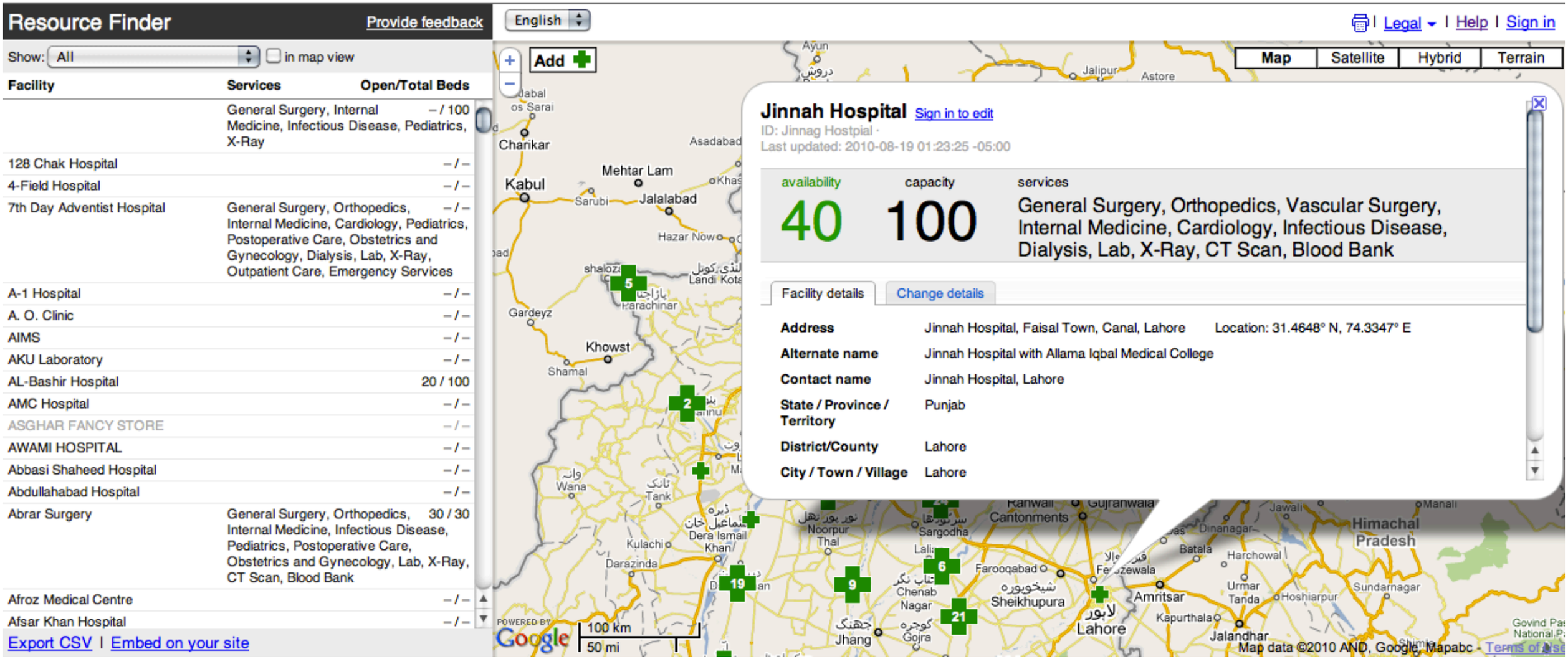
PatientView



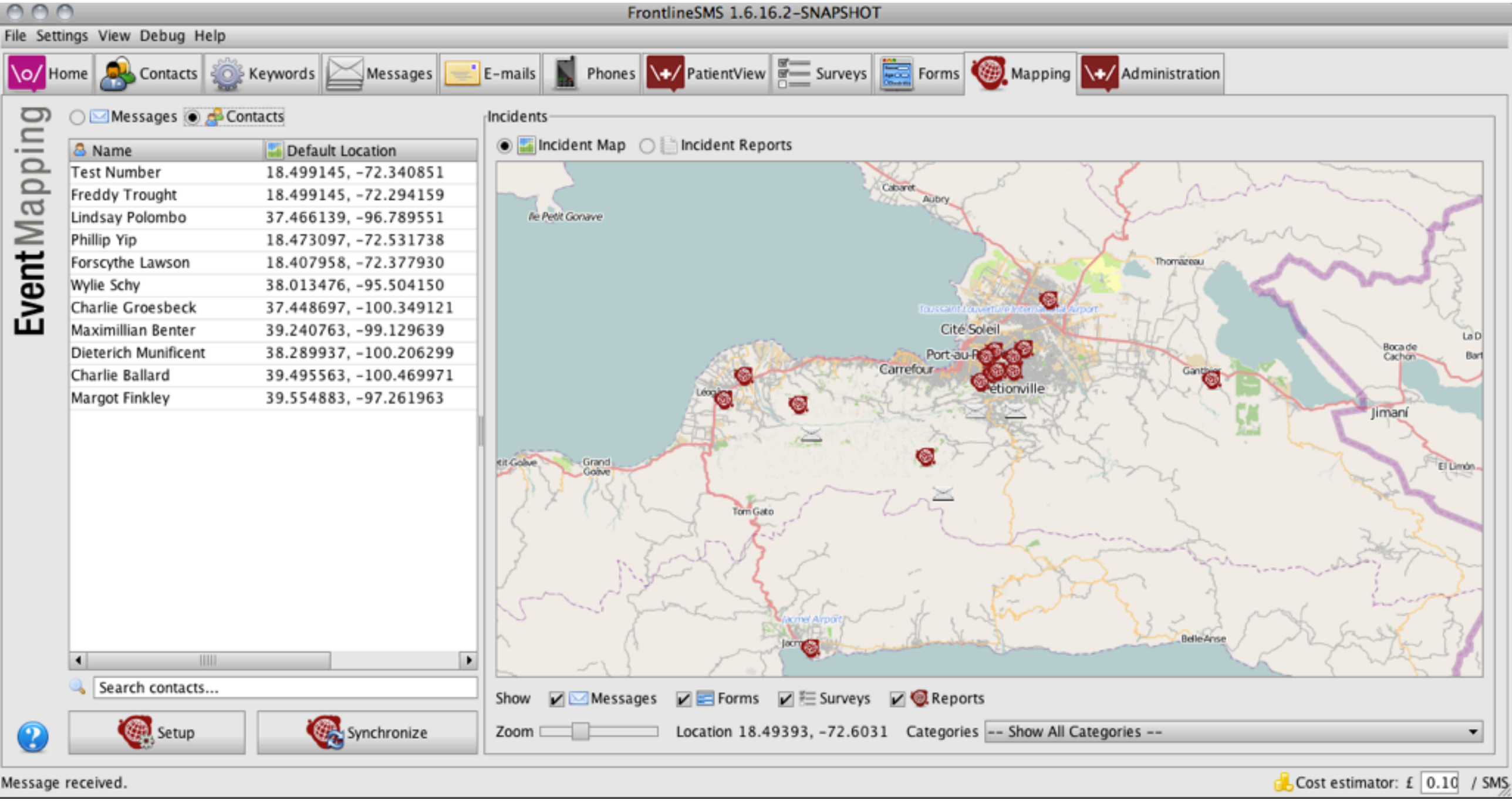
TextForms


FrontlineSMS 1.6.16.2-SNAPSHOT
File Settings View Debug Help
Home
Contacts
Keywords
Messages
E-mails
Phones
Mapping
Forms
Surveys
PatientView
Administration
SurveyManager
Tasks
Manage Contacts
Manage Questions
Manage Surveys
Browse Answers
Manage Options
Search questions...
Name
Keyword
Type
Sche
Location
location
Checklist
Hospital Alternative Title
alt
Plain Text
alt_title
Hospital Contact Name
contact
Plain Text
contact
Hospital Phone
phone
Plain Text
phone
Hospital Email
email
Plain Text
email
Hospital Department
department
Plain Text
Hospital District
district
Plain Text
district
Hospital Commune
commune
Plain Text
Hospital Address
address
Plain Text
Hospital Location Accuracy
accuracy
Plain Text
Hospital Damage
damage
Plain Text
Additional Comments
comments
Plain Text
Available Beds
available
Integer
Total Beds
beds
Integer
Hospital Reachable By Road
reachable
Boolean
Hospital Can Pick Up Patients
pickup
Boolean
Hospital Type
type
Multiple Choice
Hospital Category
category
Multiple Choice
Hospital Construction
construction
Multiple Choice
Hospital Operational Status
status
Multiple Choice
Hospital Services
services
Checklist
Results 1 to 25 of 25
Question
Name
Available Beds
Keyword
available
Type
Integer
Schema
available_beds
Phrase
How many beds does the hospital have available?
Add Question
Edit Question
Delete Question
View Answers
Contact Manager Loaded.
Cost estimator: £
0.10

TextForms and Resource Finder



Offline Mapping



Auto-categorization – the process

ndimmafuna manthwala

('I currently need medicine')

↓

ndimafuna mantwala ← 1) Normalize spellings

↓

ndi-ma-fun-a man-twala ← 2) Segment words

↓

ndi-ma-**fun**-a **man-twala** ← 3) Identify predictors

↓

ndi -fun man-twala

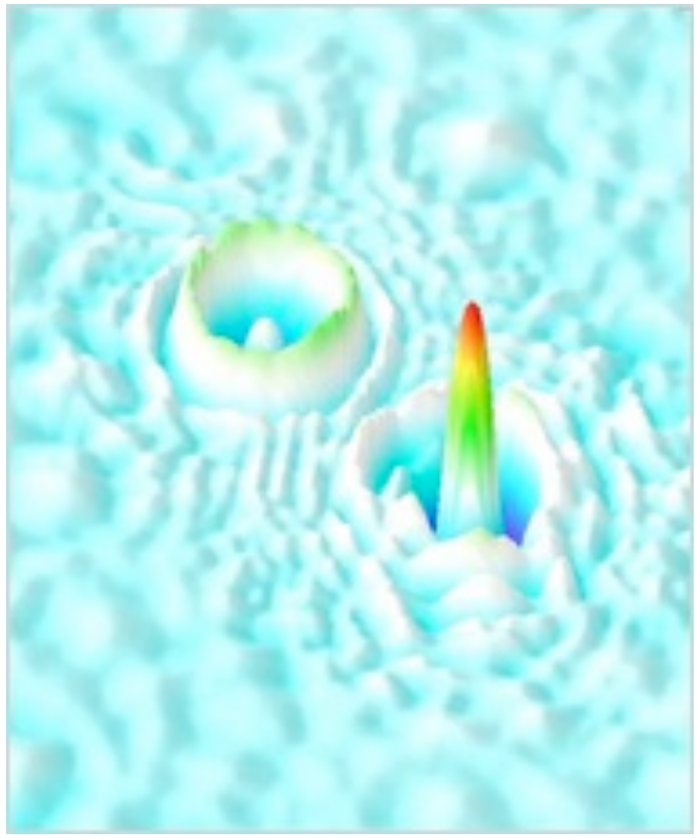
("I need medicine")

Category = "Request for aid"

1 in 5 classification errors with raw messages

1 in 20 classification error post-processing. Improves with scale.

MMS + Diagnostics



LUCAS
Prof. Aydogan Ozcan, UCLA

Photographs courtesy of Dr. Ozcan's laboratory, UCLA and Science

Connected, coordinated health systems that save more lives.

questions?