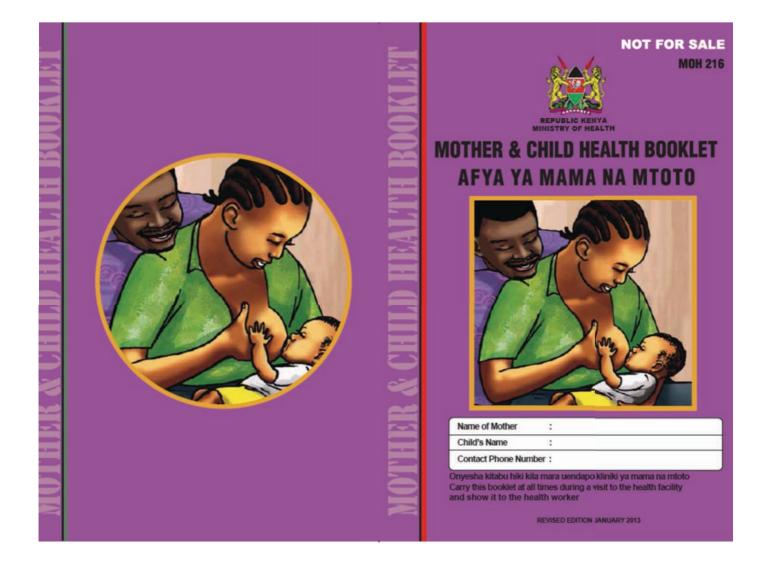






Maternal & Child Health Electronic Medical Record









- Based on MOH216
- April to June pilot
- I,000 patients registered
- Feasibility of implementation & scale-up

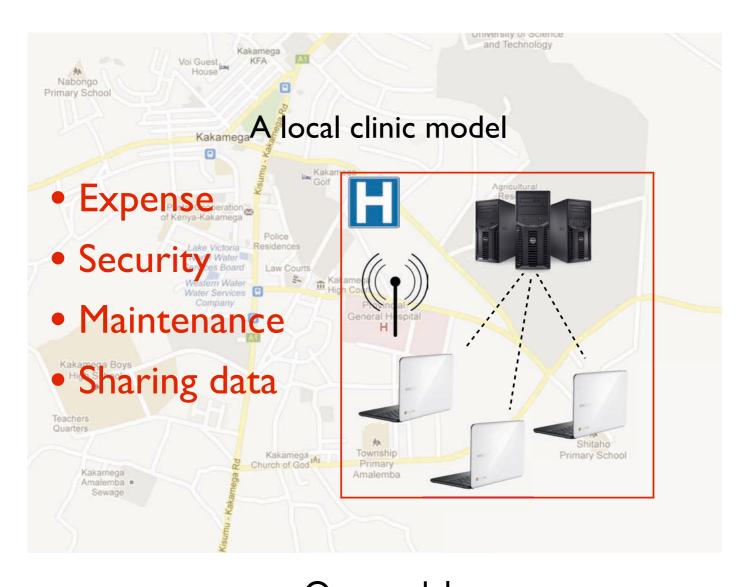


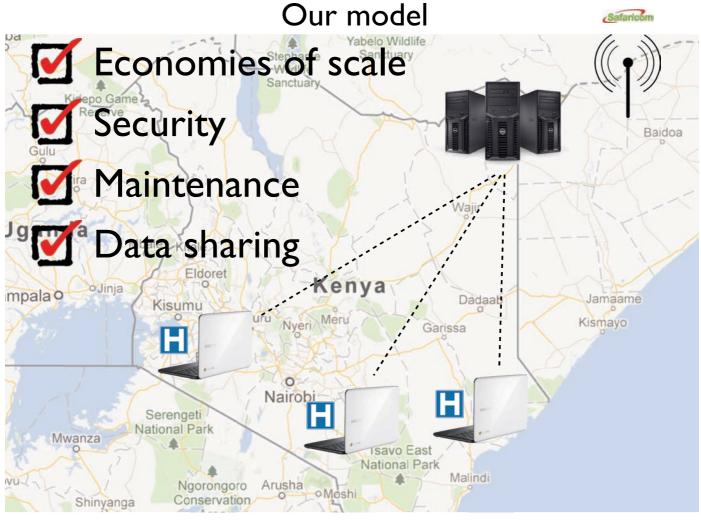




Our model







Our model





ALL patient identifiers removed





Indicator dashboard



Marian Contine, Real-time



M Data sharing



M Decision making









Our work







(6) Indicator Dashboard

- (I) Data entry
- (2) Data verification
- (3) Clinical reminders
 - (4) Follow Up
- (5) Performance management







(2) Data verification







Encounters Graphs Overview Regimens **Demographics** Patient Flags Missing First Clinic Visit Missing Maternal Profile **Patient Actions** Exit Patient from Care Programs Program **Enrollment Date** Location 28-Mar-2013 **Enrolled in MCH Clinic** Add a new program







MCH Verification

Start date: 02/04/2013 **End date:** 12/04/2013

Location:

Relationships

Add a new relationship

None

0.		
A1	Missing Program Enrolment Date	<u>0</u>
A2	Missing Program Enrolment Location	<u>0</u>
А3	Missing Maternal Profile	Z
A4	Missing First Clinic Visit (Maternal)	9
A5	Missing Clinic Visit (>3 months)	<u>3</u>
A6	Missing Child Profile	10
A7	Missing First Clinic Visit (Child)	<u>25</u>
C1	Danger Sign: Vaginal Bleeding	<u>0</u>
C2	Danger Sign: Fits	<u>0</u>
C3	Danger sign: Severe Abdominal Pain	<u>0</u>
C4	Danger Sign: Severe Headache	<u>0</u>
C5	Danger Sign: Very Pale	<u>0</u>
C6	Danger Sign: Fever	<u>0</u>
C7	Danger Sign: No or Reduced Foetal Movements	<u>0</u>
C8	Maternal HIV Status	12
		generated by ops 12-Apr-2013 02:23:32







MCH Verification

 Start date:
 02/04/2013

 End date:
 12/04/2013

Location:

A3: Missing Maternal Profile (7 Patients)

patientId	givenName	♦ familyNa
116		
117		
120		
121		
207		
212		
308		

Viewing 1 - 7 of 7







BMI: ? (Weight: 67.0 kg , Height:) Last encounter: Return Visit @			
Overview Regimens En	counters Demographics Graphs		
Patient Flags			
Missing First Clinic Visit Missing Maternal Profile			
Patient Actions			
Exit Patient from Care			
Programs			
Program	Enrollment Date	Location	
Enrolled in MCH Clinic	28-Mar-2013		

None

Add a new relationship







Missing First Clinic Visit Missing Maternal Profile







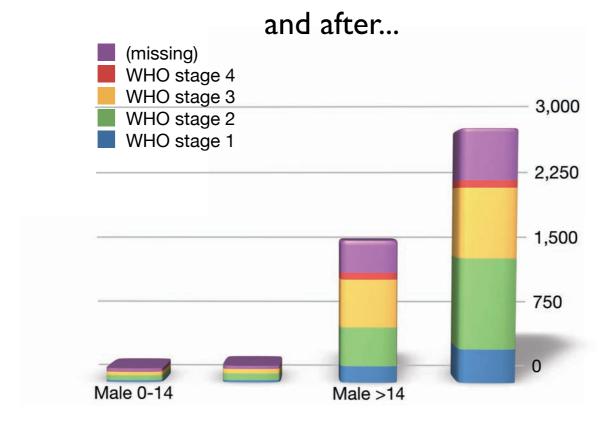










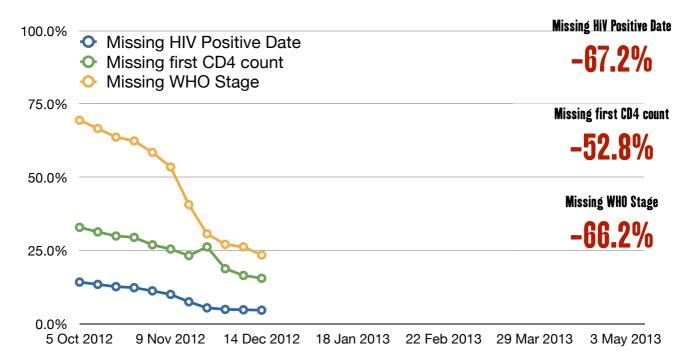








Missing data









(3) Clinical reminders







Overview Regimens Enco	ounters Demographics Graphs		
Patient Flags			
HIV status: Please ensure Missing First Clinic Visit	prophylaxis		
Patient Actions			
Exit Patient from Care			
Programs			
Program	Enrollment Date	Location	
Enrolled in MCH Clinic Add a new program	04-Apr-2013		
Relationships			
None			
Add a new relationship			







MCH Verification

Start date: 02/04/2013 **End date:** 12/04/2013

Location:

A1	Missing Program Enrolment Date	<u>0</u>
A2	Missing Program Enrolment Location	<u>0</u>
A3	Missing Maternal Profile	Z
A4	Missing First Clinic Visit (Maternal)	9
A5	Missing Clinic Visit (>3 months)	<u>3</u>
A6	Missing Child Profile	10
A7	Missing First Clinic Visit (Child)	<u>25</u>
C1	Danger Sign: Vaginal Bleeding	<u>0</u>
C2	Danger Sign: Fits	<u>0</u>
C3	Danger sign: Severe Abdominal Pain	<u>0</u>
C4	Danger Sign: Severe Headache	<u>0</u>
C5	Danger Sign: Very Pale	<u>0</u>
C6	Danger Sign: Fever	<u>0</u>
C7	Danger Sign: No or Reduced Foetal Movements	<u>0</u>
C8	Maternal HIV Status	<u>12</u>
		generated by ops 12-Apr-2013 02:23:32





02/04/2013



MCH Verification

Start date: End date: Location:

C8: Maternal HIV Status (12 Patients)

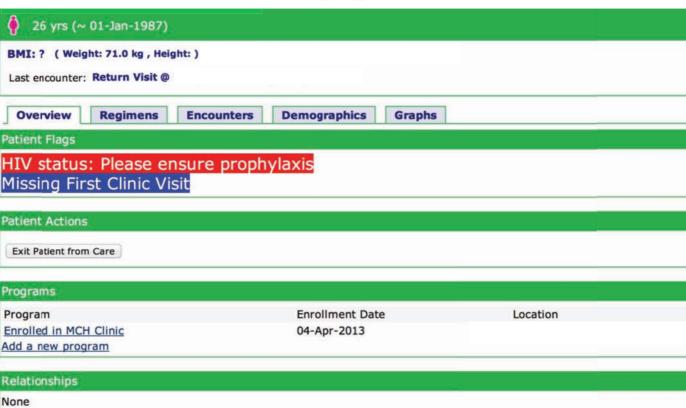
patientId	△ givenName	♦ familyName
118		
193		
201		
221		
230		
239		
242		
299		
331		
335		

Viewing 1 - 10 of 12











Add a new relationship





HIV status: Please ensure prophylaxis Missing First Clinic Visit



Data reminders



Clinical reminders







(4) Follow Up







Patient Flags		
Patient not attended Clini Missing First Clinic Visit	c for >3 months	
Patient Actions		
Exit Patient from Care		
Programs		
Programs Program	Enrollment Date	Location
4 (198 <u>2</u>) - 1976 (1976)	Enrollment Date 04-Apr-2013	Location
Program Enrolled in MCH Clinic		Location
Program Enrolled in MCH Clinic Add a new program		Location







MCH Verification

Start date: 02/04/2013 **End date:** 12/04/2013

Location:

e.		
A1	Missing Program Enrolment Date	<u>0</u>
A2	Missing Program Enrolment Location	<u>0</u>
А3	Missing Maternal Profile	7
A4	Missing First Clinic Visit (Maternal)	<u>9</u>
A5	Missing Clinic Visit (>3 months)	<u>3</u>
A6	Missing Child Profile	<u>10</u>
A7	Missing First Clinic Visit (Child)	<u>25</u>
C1	Danger Sign: Vaginal Bleeding	<u>0</u>
C2	Danger Sign: Fits	<u>0</u>
C3	Danger sign: Severe Abdominal Pain	0
C4	Danger Sign: Severe Headache	<u>0</u>
C5	Danger Sign: Very Pale	<u>0</u>
C6	Danger Sign: Fever	<u>0</u>
C7	Danger Sign: No or Reduced Foetal Movements	<u>0</u>
C8	Maternal HIV Status	12
		generated by ops 12-Apr-2013 02:23:32







MCH Verification

 Start date:
 02/04/2013

 End date:
 12/04/2013

Location:

A5: Missing Clinic Visit (>3 months) (3 Patients)

patientId	givenName	familyName
200		
289		
301		

Viewing 1 - 3 of 3







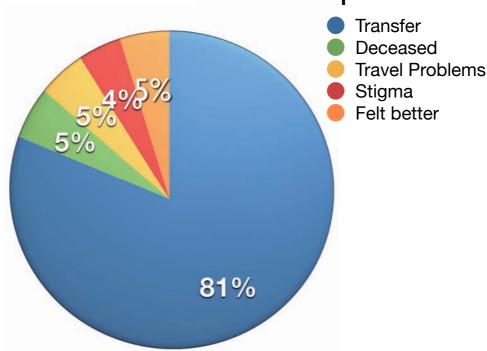








Reasons lost to follow-up









(5) Indicator Dashboard







MCH Programme Indicators updated on 12th April 2013

Home

Overview

Data

ANC

Delivery

Women Enrolled

222

(%)

Total pregnant women enrolled

Deliveries Registered

37

(%)

Total deliveries registered

Children Enrolled

53

(%)

Total children born to enrolled mothers

Women on ART

1

(%)

HIV+ pregnant women receiving ART

Malaria Prophylaxis

13

(%)

Pregnant women completed IPT1-3

Complete Records

69

(%)

Records without missing data







Summary

- **Electronic MOH216**
- Mata Entry
- Data verification
- **Clinical** reminders
- Programs eg. Follow Up
- Performance Management
- Indicator Dashboard







MCH Dashboard uamuzibora.org/data/mch

MCH Demo uamuzibora.org/demo/mch