INTEGRATED MNCH SYSTEM

Userguide Version 1.0
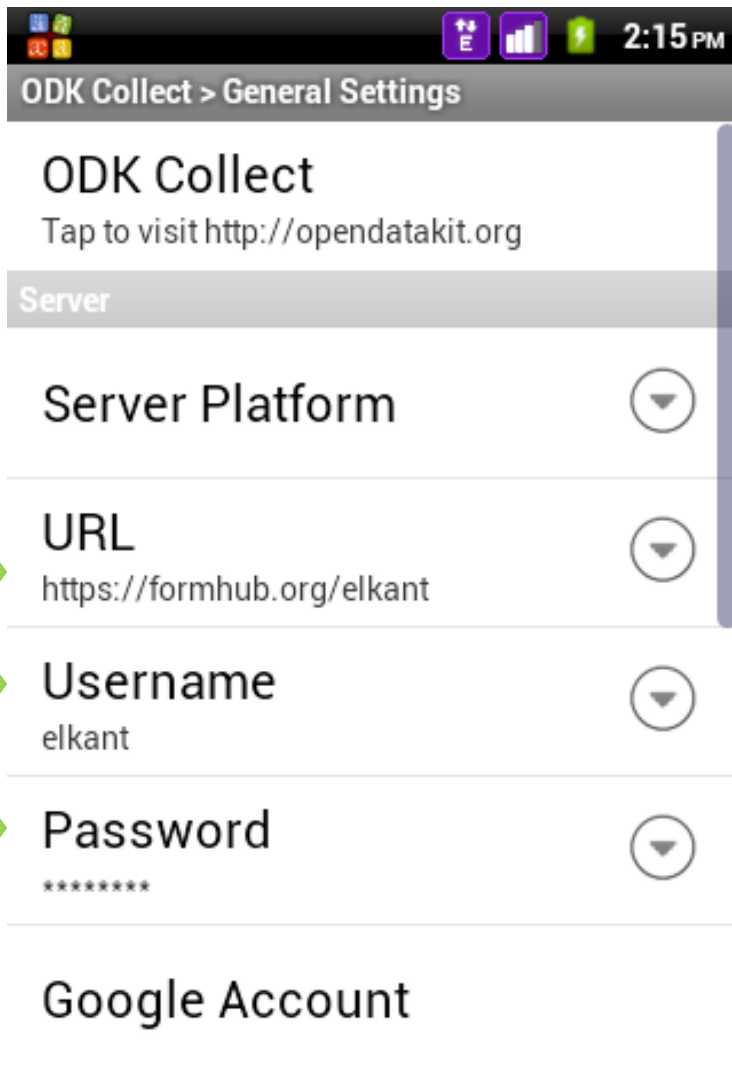
MNHC OVERVIEW

❑ An Integrated System For Enrolling , Monitoring and Evaluating Pregnant Mothers.

❑ Made to support The Koibatek Study of Pregnant Mothers.

❑ Consists of two main applications, One for Enrolling mothers, and the core one which manages all enrolled mothers details .

❑ The two above applications are web based

❑ The Enrollment application can be run in a computer browser(chrome, Firefox) or In an Android phone browser or using Androids ODK(open data kit) Collect application .

❑ The management system is made to update the mothers data from conception to postnatal status using the Mother baby book, ANC Register, Maternity register and Postnatal register.

MNHC MODULES

- ✓ Running application for the first time.

  Mobile application.

  Computer Based application.

- ✓ Managing Community Health workers (add, edit)

- ✓ Enrolling Mothers

- ✓ Importing Enrolled Mothers data

- ✓ Mother Baby Book data entry

- ✓ Registers Data entry(ANC, Maternity, Postnatal registers)

- ✓ SMS Module (creating and editing and sending general and targeted sms).

- ✓ Reports

Configuring ODK Collect
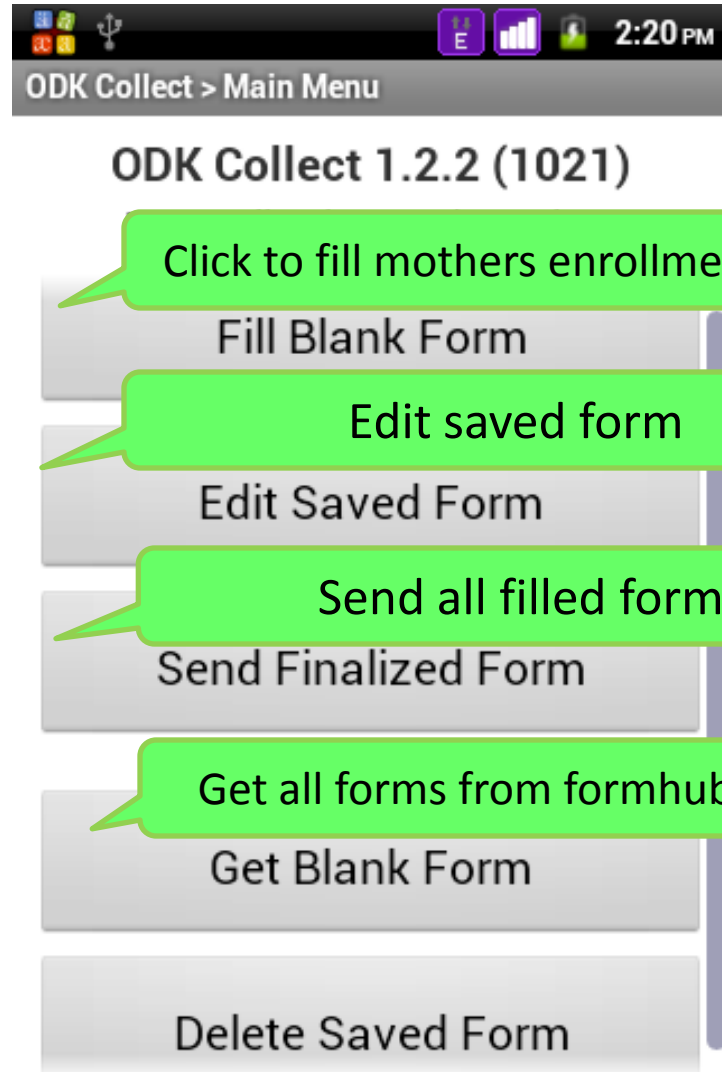
1. Connecting to formhub server

2. ODK Collect main menu

RUNNING MNHC THE FIRST TIME

Configuring Mobile application (ODK Collect.)

Download the ODK Collect Android application from http://play.google.com store or from http://opendatakit.org .

(For admin) Create a formhub account and upload the koibatek data entry form.

After installing odk collect in your phone, click to open it.

- Click on the options , general settings.
- Click on URL dropdown , then enter formhub url.
- Click on Username to enter the formhub username.
- Click on password and enter the formhub password

You are now ready to proceed and fill your first form.

Running MNHC The First Time
Configuring the database

⚠ Error while connecting to the database. Please Enter the database configuration settings appropriately. if the root user has got no password, click the SAVE bu proceed. After configuration works, open the previous tab where you were working on before the error occurred, then refresh your page. Otherwise, login to star

Database Configuration

Host name: ❓ `localhost:3306`

Database : ❓ `mhc`

User: ❓ `root`

Password: ❓ `Password`

Save

Unless otherwise advised, leave the password field unfilled and click the save button. If This should direct you to the login page if the configuration went succesful.

Running MNHC The First Time

MNCH INTEGRATED SYSTEM

The home page of the MNHC System

Login

Username

Password

Log In

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Running The application The First Time

Running the MNHC web based System.

- Open your firefox or chrome browser.

- Type url http://localhost:8080/MHC/index.jsp

Managing Community Health workers
ADDING A CHW

AUDIT LOGS	SMS SCHEDULER	* CLERKS	* CHW	*ENROLLMENT DATA	* MOTHERS	* SMS	*HELP	LOG OUT

Add new chw(s) into the system

Add CHW

Edit CHW

Mothers under a CHW

*symbol * denotes compulsory input fields*

#	First Name*	Middle name	Last name*	Phone no*
1				254712256703
2				254712256703
3				254712256703
4				254712256703
5				254712256703
6				254712256703
7				254712256703
8				254712256703
9				254712256703
10				254712256703

SAVE

Managing Community Health workers

ADDING A CHW

✓ Log in as an administrator. *(login credentials to be provided).*

✓ Over your mouse on the CHW menu, then choose add chw

✓ Enter chws first name, middle name(optional) , last name and phone number

✓ Currently, you can add atmost 10 chws at a go.

✓ Use any row of interest to enter the chw details.

✓ Click the save button to save the entries to the system

Managing Community Health workers
EDITING A CHW

SMS SCHEDULER	* CLERKS	* CHW	*ENROLLMENT DATA	* MOTHERS	* SMS	*HELP

Add CHW

Edit CHW Details

Edit CHW

Mothers under a CHW

Search : ❓   type to autosearch   refresh

⊕No.	⊕ First Name	⊕ Middle name	⊕ Last name	⊕ Phone no	⊕ Edit
1	Emmanuel	kaunda	Maingi	254712256703	Edit
2	Joel	kuria	K	254722780110	Edit

Clicking edit opens the lower
form allowing one to edit

First Name	Last name	Username	Phone no	Edit
Emmanuel	kaunda	Maingi	254712256703	Save

Managing Community Health workers

EDITING A CHW

To edit a chw, over your mouse on the chw menu, select **edit chw**.
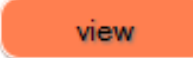
A list of all the chws appears.

To edit a certain chw:

✓ Click on the edit button at the last column of each row.

✓ Another screen appears allowing you to edit any field of interest.

✓ Click save to commit the edits.

NB: You can only edit one chw at a time and not more than one.

Managing Community Health workers

Mothers under a chw

Search :	type to autosearch				refresh
#.	First Name	Middle name	Last name	Phone no	Mothers under each chw
8	Alexander	the	great	254736787654	view (1)

select the drop down to choose the new chw of the current mother

ANC No	First Name	Middle name	Last name	Mother Phone no	current chw	change chw
2013-13-1				254712894282	Alexander great	select the new chw ▾

Managing Community Health workers
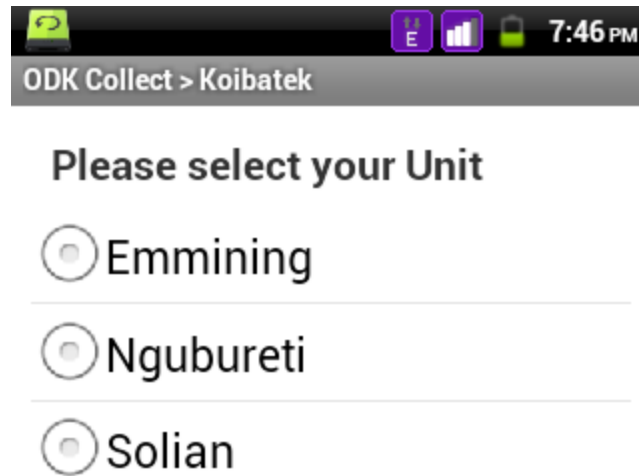
MOTHERS UNDER A CHW

Helps one to see the number of mothers managed by each chw.

✓ Over your mouse on the chw menu.

✓ Click the 'mothers under chw menu'

✓ A list of all the chws appears with a count of the total mothers shown in brackets.

✓ Select the view button for each chw to open a new form with a list of all mothers under that chw.

ENROLLING MOTHERS
ODK Mobile Phone Application.

ENROLLING MOTHERS

ODK Mobile Phone Application.

- ✓ Open your ODK Collect application
- ✓ Click 'Fill Blank Form'
- ✓ Choose KOIBATEK FORM
- ✓ Start Entering data for all the fields as appropriate
- ✓ Once editing is done, save the form for submission or further editing.

ENROLLING MOTHERS
Computer based web Application

formhub

Koibatek

Administer informed consent. If subject agrees to participate, proceed to questionnaire. Begin by collecting Socio-demographic and geographic data for the respondent; there are approximately 15 questions to answer in this section.

Please select your Unit *

- ○ Emmining
- ○ Ngubureti
- ○ Solian

Please enter your mobile number *

Taken 0.0

This is the computer web based application first page that is used to enroll new mothers

ENROLLING MOTHERS
COMPUTER BASED WEB APPLICATION

- ✓ Over Your Mouse on '**Home**' menu.
- ✓ Click the **Enroll mothers** menu.
- ✓ Fill all the necessary fields about the mother you are enrolling.
- ✓ Click save to upload their details once you are through.
- ✓ If You have no internet connection, the details that you have added are kept in a queue until you have a working connection when they are uploaded.

IMPORTING DATA

DOWNLOADING DATA IN .XLS FORMAT

IMPORTING DATA

DOWNLOADING DATA IN .XLS FORMAT

All the enrolled mothers details are saved in formhub.

One must import the data into the MNHC System.

To do this:

- ✓ Over your mouse on '**Enrollment data**'
- ✓ Click on '**formhub data'**

A form appears requiring you to enter your formhub username , form name, start date and end date.

Start date and end date are optional and leaving them blank means one will be downloading all time data.

- ✓ Click the Download Data button.

You have have your download ready in .xls format.

- ✓ Save the excel file in the folder Root folder/MHC_UPLOADS/ ready for uploading. E.g C:/MHC_UPLOADS

IMPORTING DATA

UPLOADING DATA

* CHW   *ENROLLMENT DATA   * MOTHERS   * SMS

Import data

formhub data

Choose file to upload   Browse...   Koibatek_2013_11_11_02_08_32.xlsx

submit

IMPORTING DATA

UPLOADING DATA

✓ Over your mouse on '**Enrollment data**'

✓ Click on '**import data'**

✓ A form appears enabling one to select the file containing the data for upload.

✓ As of Version MNHC 1.0, data is importable in .xls.

✓ Navigate to Root drive of your application, e.g C, then MHC_UPLOADS where you can select your .xls file.

✓ This guide assumes that you have already downloaded the excel file into the folder Root drive/MHC_UPLOADS

Data Entry

Mother Baby Book- view mothers page

select the drop down to choose the new chw of the current mother ?

Search: ?	type to autosearch		search		refresh

ANC No	First Name	Middle name	Last name	Mother Phone no	current chw	New chw	mother baby book
2013-13-91	Linah	jebii	Kilimo	254712256703	Joel kuria K	select the new chw ▼	mother baby
2013-13-90	Jamila	mohammed	Kasalu	254751185307	Geofrey Mwamba Nyabuto	select the new chw ▼	mother baby
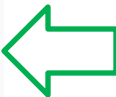
Data Entry

Mother Baby Book

- ✓ Log in as a data clerk.

- ✓ Click at the **Home** menu

- ✓ Click at the **View all mothers** menu.

- ✓ Search the mother you would wish to edit their details by typing their anc number, first, middle or last name or their phone number.

- ✓ Click the mother baby link.

- ✓ This leads you to the maternal profile page.

Data Entry

Mother Baby Book- maternal profile

MATERNAL PROFILE

ANC NO:* 2013-13-91 — search..

Name Of Client: Linah | jebii | Kilimo

Age: 20 | Gravida: 4

Parity: 5 | Marital Status: Married

Education: Completed Primary | Telephone: 254712256703

Occupation: shopkeeper | Next of Kin: Jebii

Relationship: husband | Next of Kin Contacts: 254712345678

Save | Previous | Next

Click next to move to the next page

Data Entry

Mother Baby Book-Previous pregnancy

Previous Pregnancy ?

add row | delete last row

Pregnancy Order	Year	Place Of Delivery	Type of Delivery
1	2012	Nakuru health centre	Normal delivery ▼
2	YYYY		▼

Data Entry

Mother Baby Book-Present pregnancy

Present Pregnancy

add row | delete last row

No of Visit	Date	Weight	Next Visit
1	2013-12-03	56	2013-12-17
2	yyyy-mm-dd	in kgs	yyyy-mm-dd

Data Entry

Mother Baby Book-Preventive Services

Preventive services ❓

Preventive Services	DATE	Next Visit
(IPT1) Malaria Prophylaxis	2013-12-03	2013-12-10
▼	yyyy-mm-dd	yyyy-mm-dd
▼	yyyy-mm-dd	yyyy-mm-dd
▼	yyyy-mm-dd	yyyy-mm-dd
▼	yyyy-mm-dd	
▼	yyyy-mm-dd	

Data Entry

Mother Baby Book-Delivery

Delivery ❓

Duration of Pregnancy(weeks):	eg 6	Mode of delivery:	▼
Date of Delivery:	YYYY-MM-DD	Condition of mother:	
Apgar Score: 1 min		Apgar Score 5 min	
Apgar Score 10 min		Rescuscitation done:	▼
Place of Delivery:	▼	Conducted by:	▼

Data Entry

Mother Baby Book-Post natal mother

POST NATAL EXAMINATION - MOTHER ❓

Timing of Visit	48 hours	1-2 weeks	4-6 weeks
Date/Visit	yyyy-mm-dd	yyyy-mm-dd	yyyy-mm-dd
Blood Pressure			
General Condition			
Breast			
Involution of Uterus			
Mother given ART or option B plus prophylaxis			
Mother on HAART			
Mother CTX Initiated			
Counselling on Family Planning			

Data Entry

Mother Baby Book-Post natal baby

POST NATAL EXAMINATION - BABY ❓

Timing of Visit	48 hours	1-2 weeks	4-6 weeks
Babys Condition	▾	▾	▾
Babys Feeding Method	▾	▾	▾
Umbilical Cord	▾	▾	▾
Baby Immunization Started	▾	▾	▾
Infant given ARVs prophylaxis	▾	▾	▾
Infant given CTX prophylaxis initiated	▾	▾	▾

Data Entry
Mother Baby Book-Cancer Screening

CERVICAL CANCER SCREENING ⊙

	Date	Examination		Test	Results		Suspicious for Cancer	Cryo	Leep	Other(Specify)		Treatment		
1	yyyy-mm-dd	CERVIX	☐	VIA		▼	Suspicious for Cancer ☐	Cryo ☐	Leep ☐	Other(Specify) ☐		Referral		
2	yyyy-mm-dd	CERVIX	☐	VILI		▼	Suspicious for Cancer ☐	Cryo ☐	Leep ☐	Other(Specify) ☐		Referral		
3	yyyy-mm-dd		☐	Pap Smear		▼	HSIL ☐	Overt cancer ☐	Cryo ☐	Leep ☐	Other(Specify) ☐	Referral		

Data Entry

Mother Baby Book-Vitamin A

VITAMIN A CAPSULES FROM 6 MONTHS ?

Dose	Age	Tick Age Given	Date of Next Visit
50000 IU	< 6 Months not Breast fed	☐	yyyy-mm-dd
100000 IU	6 Months	☐	yyyy-mm-dd
200000 IU	12 months(1 year)	☐	yyyy-mm-dd
200000 IU	18 months	☐	yyyy-mm-dd
200000 IU	24 months(2 Years)	☐	yyyy-mm-dd
200000 IU	30 Months(2 and a half Years)	☐	yyyy-mm-dd
200000 IU	36 Months (3 Years)	☐	yyyy-mm-dd
200000 IU	42 Months (3 and a half years)	☐	yyyy-mm-dd
200000 IU	48 Months(4 Years)	☐	yyyy-mm-dd

Data Entry

Mother Baby Book-Deworming

DEWORMING FROM 1 YEAR ?

Age	Drug	Dosage	Date of Next Visit
12 months(1 year)			yyyy-mm-dd
18 months(1 and a half) Years			yyyy-mm-dd
24 Months(2 years)			yyyy-mm-dd
30 Months(2 and a half Years)			yyyy-mm-dd
36 Months(3 years)			yyyy-mm-dd
42 months (3 and a half years)			yyyy-mm-dd
48 Months(4 years)			yyyy-mm-dd
54 Months (4 and a half Years)			yyyy-mm-dd
60 Months(5 years)			yyyy-mm-dd

Data Entry

Mother Baby Book-HIV EXPOSURE

HIV EXPOSURE TEST ❓

Type of Test	Date of Sample	Results
1st DNA PCR at 6 weeks or 1st Contact	yyyy-mm-dd	
Antibody Test at 9 months	yyyy-mm-dd	
Confirmatory DNA PCR if Antibody Test is Positive	yyyy-mm-dd	
Final antibody test at 18 months	yyyy-mm-dd	

Save   Previous   Next   Finish

Data Entry

ANC REGISTER

This register holds information about mothers Anti natal clinic visits.

The register is filled at healthcentres.

Each mother is identified by a unique ANC NO. for each pregnancy.

NB: One should have their mother baby book details already filled in the system before proceeding to search a mother in the ANC Register.

Data Entry
ANC REGISTER

- ✓ To fill the ANC Register for a mother;
- ✓ Over your mouse on the **HOME** menu
- ✓ Click on **view mothers** menu

A list of all mothers with mother baby book ,anc and maternity register links appear.

- ✓ Search a mother by typing their ANC number, first , middle , last name or phone number.
- ✓ Click on the anc register button

The first section of the anc register, (a to h) appears.

Data Entry
ANC REGISTER

- Open view all mother page
- Click on anc reg link.

Data Entry

ANC REGISTER – a to h

	Search: ❓		type to autosearch		search			refresh		his

	ANC No		First Name		Middle name		Last name		Mother Phone no		current chw		New chw		mother baby book		view anc reg.
	11/3/13								NO VALUE		Emmanuel kaunda Maingi		select the new chw ▼		mother baby		anc reg

	Search Mother using ANC NO.	11/3/13		SEARCH..

te of Visit	ANC No	1st Visit	Number of Visits	First Name	Middle Name	Surname	Village/Estate	Age	Marital St
a	b	c	d	e	e	e	f	g	h
	11/3/13	▼							Married

Data Entry
ANC REGISTER – i to p

1 **(a) to (h)** a,b,c,d,e,f,g,h	2 **(i) to (p)** i,j,k,l,m	3 (q) to () q,r,s,t,u,v,w	4 (x) to(ad) Prophylaxis & Screened For	5 (ae)to(ak) Other Conditions & Treatment	6 (al)to(an)

i to p ❓

	Parity	Gravidae	Date of Last Menstrual Period	Expected date of delivery	Gestation in weeks	Weight	Blood Pressure	Counselled on
	i	j	k	l	m	n	o	p
1	5	4		2013-12-11		in kgs		Birth Plan / Danger Signs / FP

Previous	Next	Finish

- For more detailed guide on each section, click the blue help icon.
- The orange tab(2 I to p) shows the current open tab.
- The green tab shows the already visited tabs and the light-grey ones show the pages to be visited yet.
- Move to the next tab by clicking Next button, back by pressing the previous button and finish by clicking the Finish button.

Data Entry
ANC REGISTER – q to w

add row	delete last row						
	Laboratory				ART Eligibilty		
			Hiv Results		Assessed Through		
	Haemoglobin	RPR/DRL	Initial	Retest	WHO Stage	CD4	Start on ART IN ANC
	q	r	s	t	u	v	w
1		▼	▼	▼			

Unlike some other sections of the ANC Register, section q to w requires one to input all the values by typing them and thus there are no values being captured from the Mother Baby book , hence no already prefilled input fields.

Data Entry

ANC REGISTER – x to ad

add row	delete last row							
No	CTX	Prophylaxis					Screened For	
		ARV Regimen(Predominant)			NVP for Baby	TB	Cervical Cancer	
		Mother					Method Result	
		NVP	AZT	HAART				
1	▾	▾	▾	▾	▾	▾	VIA / VILI / PAP ▾	

Unlike some other sections of the ANC Register, section **x** to **ad** requires one to input all the values by typing them and thus there are no values being captured from the Mother Baby book , hence no already prefilled input fields.

Data Entry

ANC REGISTER – ae to ak

No	Other Conditions	Treatment					
		Deworming	IPT 1-3	TT Dose	Iron	Folic Acid	Received ITN
1	1=Hypertension 2=Diabetes 3=Epilepsy 4=Malaria in Pregnanc ☐ 6=Others	N	1 2 3	1 2 3 4	N	N	N

Fill this column — Already prefilled

One should only enter contents in the '**other conditions'** column only, since the other columns are getting their data from the Mother baby book.

Data Entry

ANC REGISTER – al to an

No	Additional Treatment	Partner HIV C&T		Reffered for	Remarks
		Counselled as a couple	Test Results of Partner		
1	1=Hypertension 2=Diabetes 3=Epilepsy 4=Malaria in Pregnanc ☐ 6=Others	N			

Skip this column

Fill the rest of the fields

Data Entry
MATERNITY REGISTER

Manages mothers details after delivery.

Is a model of Kenya's Ministry of Health maternity register and picks all the data from that book.

NB: The maternity register is different from other registers in that it differentiates mothers using their Admission number rather than the ANC number.

To open thematernity register :

Click view all mothers menu

Search any mother of interest

Click the Maternity Register

Type the mothers admission number to see the mother details

Data Entry

MATERNITY REGISTER (a) to (h)

Data Entry

MATERNITY REGISTER (i) to (p)

Data Entry

MATERNITY REGISTER (q) to (u)

Data Entry

MATERNITY REGISTER (v) to (ab)

	baby				VDRL/ RPR Results	HIV Status	
Sex	Birth weight	Live birth , FSB, MSB	APGAR Score			ANC	Maternity
(v)	(w)	(x)	(y)		(z)	(aa)	(ab)
F ▾	200	rtyu	12		N ▾	KF ▾	N ▾
F ▾	200	fghy	12		P ▾	N ▾	N ▾
▾	in grams				▾	▾	▾

add row   delete last row

Data Entry

MATERNITY REGISTER (ac) to (ai)

ARV Prophylaxis		To baby	CTX to Mother	Vitamin A	Partner HIV C&T	
Regimen to the Mother					tested	Hiv Test results
ANC	Maternity					
(ac)	(ad)	(ae)	(af)	(ag)	(ah)	(ai)
sdNVP	PM1	Y	Y	Y	N	

Data Entry
MATERNITY REGISTER (aj) to (an)

Delivery conducted by	Birth Notification Number	Discharge		Comments
		Date	Status of Baby	
(aj)	(ak)	(al)	(am)	(an)
Josphine Atudo	7654565	2013-12-20	Desc ▼	The delivery was not succesful
josphine Atudo	3456787	2013-12-06	Alive ▼	Delivery was succesful
edger davids	876345	2013-12-11	Desc ▼	Delivered Susccesfully
enter name			▼	

Data Entry

ANC VISITS DAIRY

This dairy is used to track mothers antenatal care clinic attendance.

Each mother who is expected to attend a clinic should be marked somewhere . The mothers who fail to attend should be notified through an sms.
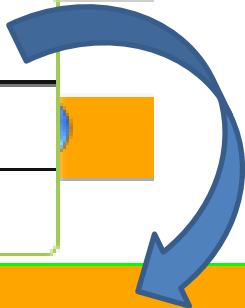
Data Entry

Marking ANC visits dairy

Data Entry

Marking ANC visits dairy

To mark the mothers who attended clinic for that day;

- ✓ Over your mouse on **Anc daily visits** menu
- ✓ Select the **Mark Attendance** submenu
- ✓ A list of the mothers who should be visiting the Clinic on that day appears.
- ✓ Update the status of the mother as **attended** if they availed themselves or as **Not attended** if they never turned up for the visit.
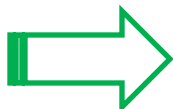- ✓ Click on Update to commit the results.

SMS

- Mnhc uses Sms to send mothers targeted ,general and reminder messages .

- Sms must be created, and disbursed by a user(admin).

- Targeted messages are send at scheduled time while general sms are send by users at any logical time of interest.

One SMS consists of 160 characters , including space.

SMS
creating an SMS

SMS
creating an SMS

To Create an SMS

- ✓ Over your mouse on **SMS menu**
- ✓ Click on **Create SMS** link
- ✓ A window appears prompting you to select status of the targeted receivers.
- ✓ Select the category of the sms amongst the available options in the drop down.
- ✓ Create an English message for both first person and third person
- ✓ Create a swahili message '**Ujumbe**' for both first and third Person.
- ✓ Create a Kalenjin message, for both First and third person.
- ✓ Click submit

All the messages should have the same meaning, and the difference should be the language and the person to whom it is being send to.

NB: Names and salutations are already catered for, thus one should not include salutation and someone's name.

SMS
editing an SMS

EDIT MESSAGES ❓

Status	pregnant mother ▾	Category	Labour and delivery ▾
Message	In the third trimester, sleep on your left side to allow for the best blood flow to the fetus and to your uterus and kidneys. Avoid lying flat 0 characters to go!	NOK Message	In the third trimester, advice her to sleep on her left side to allow for the best blood flow to the fetus and to your uterus and kidneys. Avoi 0 characters to go!
Ujumbe	 142 characters to go!	Ujumbe NOK	 142 characters to go!
Kalenjin	 141 characters to go!	Kalenjin NOK	 141 characters to go!

Update

SMS
editing an SMS

To edit an SMS

✓ Over your mouse on **SMS menu**

✓ Click on **Edit SMS** link

✓ A window appears prompting you to select status of the SMS and the Category.

✓ A list of all the messages appears under the selected category and status.

✓ Click on **edit** under any of the messages to view all the messages (swahili, English and Kalenjin) in both first and third person.

✓ Edit the message of intrest

✓ Click the **Update** button to commit the edits.

SMS

interacting through an SMS

- One can send three types of SMS to mothers.
- ✓ **General SMS**
- ✓ **Targeted SMS**
- ✓ **Defaulters SMS.**
- General SMS includes messages to mothers at either of the status pregnant or post natal.
- Targeted SMS includes messages to mothers who their anc visits or expected delivery days are due on a certain predefined date.
- Defaulters SMS is a messaging system used to track and remind mothers who fail to attend ANC visits that they never did so.
- MNHC is also used as interaction channel through which mothers assigned to a certain CHW can ask them questions and the chw responds back through the system.
- The interaction should be free of charge .

SMS

sending General SMS

SMS
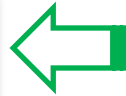
sending General SMS

To send a general sms,

- ✓ Over your mouse on SMS menu
- ✓ Select '**Send General SMS**' submenu
- ✓ Select The status of the receivers(pregnant or postnatal)
- ✓ Select the category of the sms amongst the following categories:
- ➢ *Labour and delivery*
- ➢ *Mothers diet during pregnancy*
- ➢ *Preparing for a baby*

A list of sms under the specified status and category appears.

- ✓ Check the sms you'd wish to broadcast.
- ✓ Click submit and wait for the sms to be send.

SMS

sending Targeted SMS

- A user interface accessible to an administrator is available for them to make changes on the hours of the day in which the ANC visits and EDD modules that sends targeted sms are executed.

Eg. The EDD module for sending SMS can set to be executed daily at 8:30am and not any other time .

- The targeted sms are send by a code in the background .

- The system sends the sms to mothers whose anc visit dates are one month and one week due or their expected delivery date is one month due .

SMS
Setting up SMS Scheduler

Enter appropriate settings for each sms

	Schedule for	Hour	Minute	Seconds	am/pm
1	ANC Visit Dates SMS	08	01	00	*
2	Expected Delivery Date Sms	12	44	00	*
3	Real Time SMS Listener	*	*	05	*

Update

stop scheduler

Click the Update button, then stop the scheduler and restart it for the changes made to be effective.

SMS
Setting up SMS Scheduler

To set the scheduler time :

- ✓ Login as an admin

- ✓ Click on **sms scheduler** menu.

- ✓ On the window that appears:

- ✓ Enter the hour, minute, seconds and am/pm values for each of ANC and EDD scheduler time.

- ✓ If any of the columns does not apply, select an asteric '*'.

- ✓ For the Real-time listener, specify the **seconds** column only. This is the number of seconds taken before the system checks for new incoming sms.

5 seconds is the advised value.

SMS

Sending SMS to defaulters

To send sms to mothers who never attended the clinic;

✓ Ensure you fully mark the anc visits attendance of mothers for that current day.

All mothers who have not attended the ANC visit will be qualified to receive a defaulter sms.

✓ Check the mothers by ticking the check box under column **send sms**.

✓ Click the **Send SMS to defaulters button** to disburse the smss.

✓ NB: You should sent sms to mothers at the very day they defaulted .

SMS

Sending SMS to defaulters

Search for dates between [2013/12/01] and [2013/12/31]   search

ANC VISITS MOTHER DIARY 2013-12-31

ANC NO	FIRST NAME	MIDDLE NAME	PHONE NO.	NOK PHONE NO.	STATUS	SEND SMS
2013-13-89	assumpta	c.	254712894282	254712894282	Not Attended	☑

Send SMS to defaulters

SMS

Mother To CHW Interaction

➢ A registered mother can send any SMS to their assigned chw through the MNHC System.

➢ A mother should send the sms using their **phone number** or the **next of kin's phone number**

➢ The mother should sent the sms to the provided MNHC sms disbursement number.

➢ As of version 1.0 of the MNHC system, the number is not static but in later versions, the number will be communicated.

➢ The send sms will be redirected to the right chw by the system.

➢ NB: Read the notes below

SMS

CHW To Mother Interaction

The message that is sent to a chw comes with a mother id.

The mother id is usually written in brackets.

To respond back to the mother, send a message to the MNHC sms Disbursement number in this format:

@motherid @ Message

e.g. To respond to an sms from a mother whose id is 2, type the following:

@2@ 'your response message'

End