
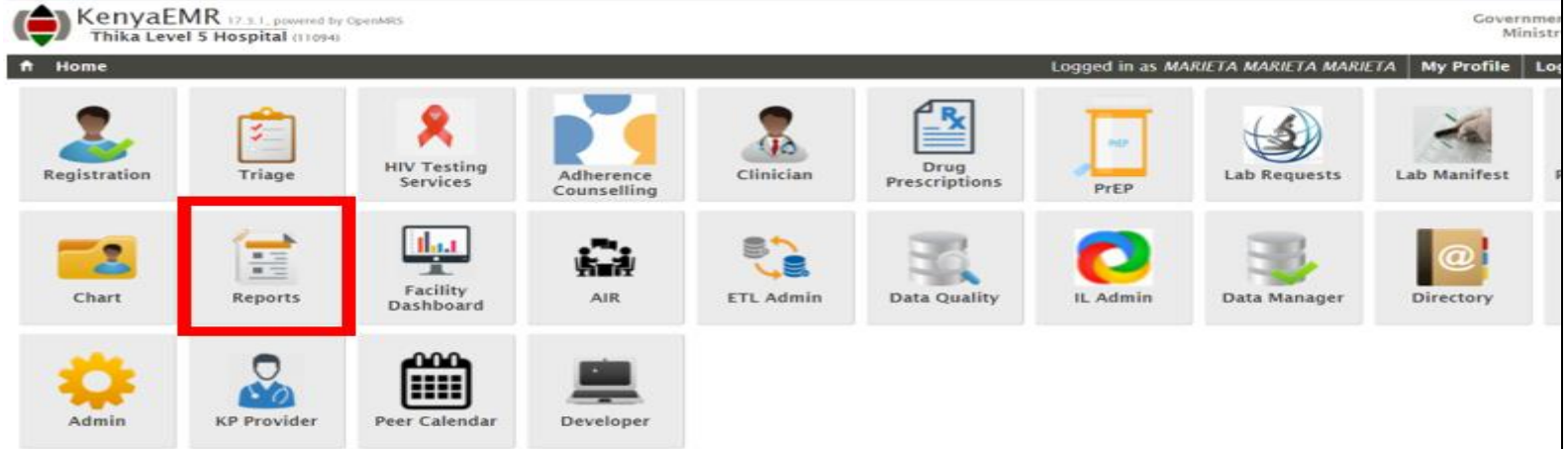


SOP: Updating Regimen Line in KenyaEMR (KenyaEMR v. 18.6.1+)

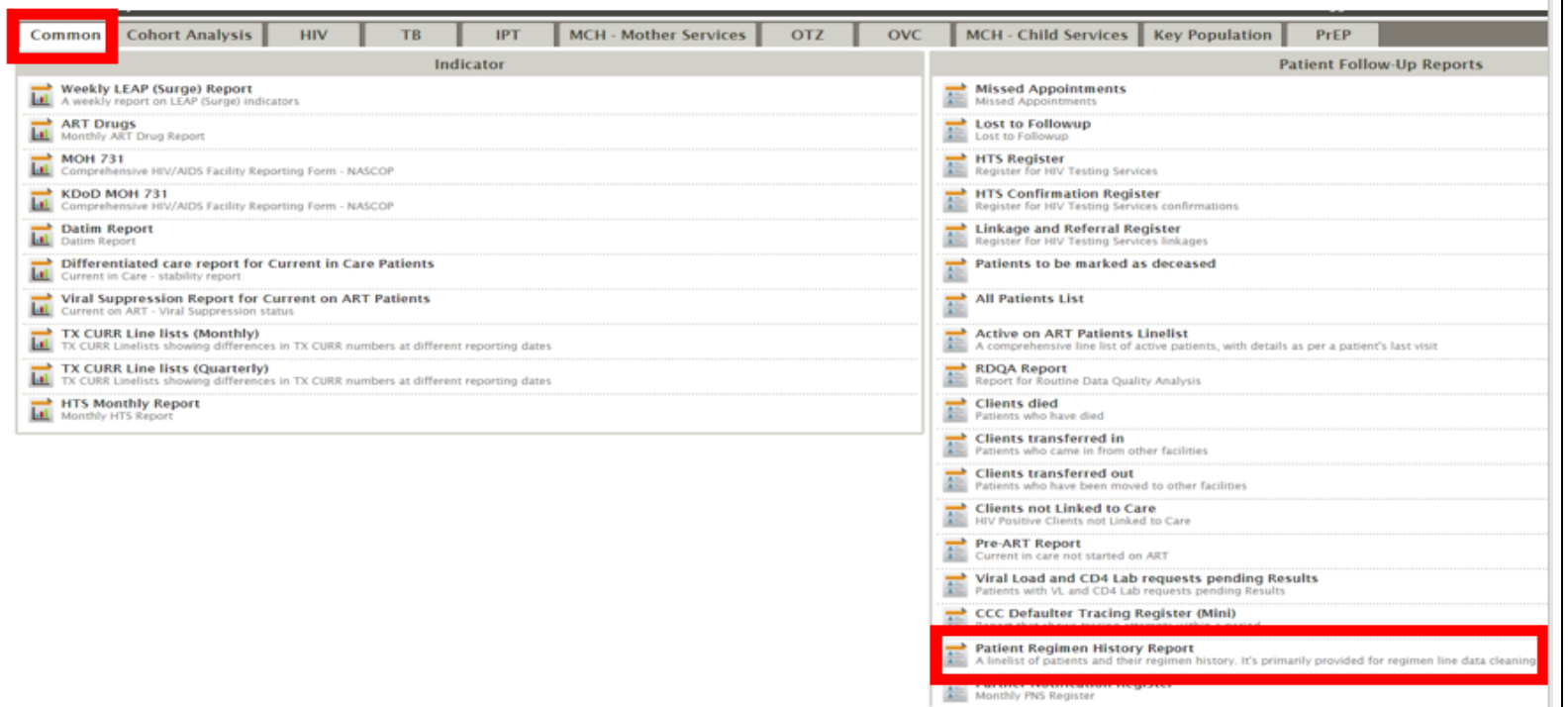
Last updated: 17th July 2023

TASK:	Upgrade KenyaEMR to KenyaEMR 18.6.1 consisting of the spreadsheet module
OBJECTIVE:	To update the regimen line for clients missing regimen line in bulk
WHO:	Clinicians, Data Staff
REQUIRED MATERIALS:	Functional KenyaEMR VER 18.6.1 with spreadsheet module
SUMMARY: This is aimed at easing the burden for clinicians having to update the regimen line for each client. This will allow prior updating of regimen lines before their next visit hence reducing the time taken for a clinician to update a single record.	
Activity	Screenshot
Generating Patient Regimen History Report Step 1: Log into KenyaEMR <ul style="list-style-type: none"> Users to log in with their credentials. 	

Step 2: Navigate to 'Report' app



Step3: Navigate to common reports and select Patient Regimen History Report



Step 4: Request report and select period of interest for which you wish to update

Home | Reports Logged in as MARIETA

Tasks

- Request report
- Back to home

Summary

Name: Patient Regimen History Report
Description: A linelist of patients and their regimen history. It's primarily provided for regimen line data cleaning

Queue

Requested	By	Report file name	Status	Time taken
None				

Request Report

Report
Patient Regimen History Report

Date Range
Start Date: 01-Jun-2020 End Date: 28-Feb-2021

[Request](#) [Cancel](#)

Step 5: After the report is successfully generated, Select the Excel option

Summary				
Name: Patient Regimen History Report Description: A linelist of patients and their regimen history. It's primarily provided for regimen line data cleaning				
Queue				
Requested	By	Report file name	Status	Time taken
None				
Finished				
Requested	By	Report file name	Status	Time taken
04-Feb-2021 10:05	MARIETA, MARIETA MARIETA	Patient Regimen History Report_Jun-2020	COMPLETED	00:00:01
				View CSV Excel

Step 6: The output of the report appears as shown on the screenshot

Linelist of patient regimen history							
Health Facility: Thika Level 5 Hospital MFL Code: 11094							
Entry ID	Name	Unique Patient Number	DOB	Sex	Regimen	Date started on Regimen	Regimen Line
110838	AGNES, AGNES	'10639000836	15/06/2009	M	ABC+3TC+DTG	17/06/2020	
122845	WANGUI KINUTHIA, WANGUI KINUTHIA	'1063901732	16/09/1977	F	TDF+3TC+DTG	01/07/2020	
124607	WATHERA MBURU, WATHERA MBURU	'20638000539	25/12/1980	F	TDF+3TC+DTG	24/07/2020	
122571	NJERI KIHARA, NJERI KIHARA	'20638000179	15/06/1978	F	TDF+3TC+DTG	30/06/2020	
110952	MELIN, MELIN	'10639000920	15/06/2007	F	TDF+3TC+DTG	16/06/2020	
112747	KIAMA MWANGI, KIAMA MWANGI	'20638000325	15/06/1962	M	AZT+3TC+ATV	05/06/2020	
123098	ODHIAMBO, ODHIAMBO	'10639001257	15/06/1981	F	TDF+3TC+DTG	08/07/2020	
123644	SILA, SILA	'10639001528	15/09/1980	F	TDF+3TC+DTG	14/07/2020	
123647	NYAWIRE, NYAWIRE	'106301562	08/08/1988	F	TDF+3TC+DTG	14/07/2020	
113709	MARGERET, MARGERET	'20638000724	15/06/1984	F	TDF+3TC+DTG	11/06/2020	
122455	FELISE, FELISE	'10639001042	15/05/1981	F	TDF+3TC+DTG	25/06/2020	
123773	WAIRIMU NGARUYA, WAIRIMU NGARUYA	'10638000987	18/08/1976	F	TDF+3TC+DTG	15/07/2020	
111452	BENARD, BENARD	'10639001153	15/06/1990	F	TDF+3TC+DTG	11/06/2020	
121972	JAKOBO, JAKOBO	'1023600845	05/05/1977	M	TDF+3TC+DTG	09/06/2020	
125557	Jonte, Test	'1109400056	15/06/1986	M	TDF+3TC+EFV	12/11/2020	
112048	MURATHE NDUNGU, MURATHE NDUNGU	'20638000064	15/06/1972	F	TDF+3TC+DTG	10/06/2020	
124849	RAHAB, RAHAB	'20638000601	22/02/1987	F	TDF+3TC+DTG	30/07/2020	
125145	MARCY, MARCY	'10639000855	11/08/1982	F	TDF+3TC+DTG	04/08/2020	
124037	MUGARA, MUGARA	'10639000745	24/12/1972	F	TDF+3TC+DTG	21/07/2020	
122456	MONICAH, MONICAH	'20638000493	10/11/2006	M	TDF+3TC+DTG	19/06/2020	

The output has 2 Worksheet labelled
Regimen history and Regimen line
options

Entry ID	Name	Unique Patient Number	DOB	Sex	Regimen	Date started on Regimen	Regimen Line
110838	AGNES, AGNES	'10639000836	15/06/2009	M	ABC+3TC+DTG	17/06/2020	
122845	WANGUI KINUTHIA, WANGUI KINUTHIA	'1063901732	16/09/1977	F	TDF+3TC+DTG	01/07/2020	
124607	WAIHERA MBURU, WAIHERA MBURU	'20638000539	25/12/1980	F	TDF+3TC+DTG	24/07/2020	
122571	NJERI KIHARA, NJERI KIHARA	'20638000179	15/06/1978	F	TDF+3TC+DTG	30/06/2020	
110952	MELIN, MELIN	'10639000920	15/06/2007	F	TDF+3TC+DTG	16/06/2020	
112747	KIAMA MWANGI, KIAMA MWANGI	'20638000325	15/06/1962	M	AZT+3TC+ATV	05/06/2020	
123098	ODHIAMBO, ODHIAMBO	'10639001257	15/06/1981	F	TDF+3TC+DTG	08/07/2020	
123644	SILA, SILA	'10639001528	15/09/1980	F	TDF+3TC+DTG	14/07/2020	
123647	NYAWIRE, NYAWIRE	'106301562	08/08/1988	F	TDF+3TC+DTG	14/07/2020	
113709	MARGERET, MARGERET	'20638000724	15/06/1984	F	TDF+3TC+DTG	11/06/2020	
122455	FELISE, FELISE	'10639001042	15/05/1981	F	TDF+3TC+DTG	25/06/2020	
123773	WAIRIMU NGARUYA, WAIRIMU NGARUYA	'10638000987	18/08/1976	F	TDF+3TC+DTG	15/07/2020	
111452	BENARD, BENARD	'10639001153	15/06/1990	F	TDF+3TC+DTG	11/06/2020	
121972	JAKOBO, JAKOBO	'1023600845	05/05/1977	M	TDF+3TC+DTG	09/06/2020	
125557	Jonte, Test	'1109400056	15/06/1986	M	TDF+3TC+EFV	12/11/2020	
112048	MURATHE NDUNGU, MURATHE NDUNGU	'20638000064	15/06/1972	F	TDF+3TC+DTG	10/06/2020	
124849	RAHAB, RAHAB	'20638000601	22/02/1987	F	TDF+3TC+DTG	30/07/2020	
125145	MARCY, MARCY	'10639000855	11/08/1982	F	TDF+3TC+DTG	04/08/2020	
124037	MUGARA, MUGARA	'10639000745	24/12/1972	F	TDF+3TC+DTG	21/07/2020	
122456	MONICAH, MONICAH	'20638000493	10/11/2006	M	TDF+3TC+DTG	19/06/2020	

Step 7: Update the last column labelled 'Regimen Line'.

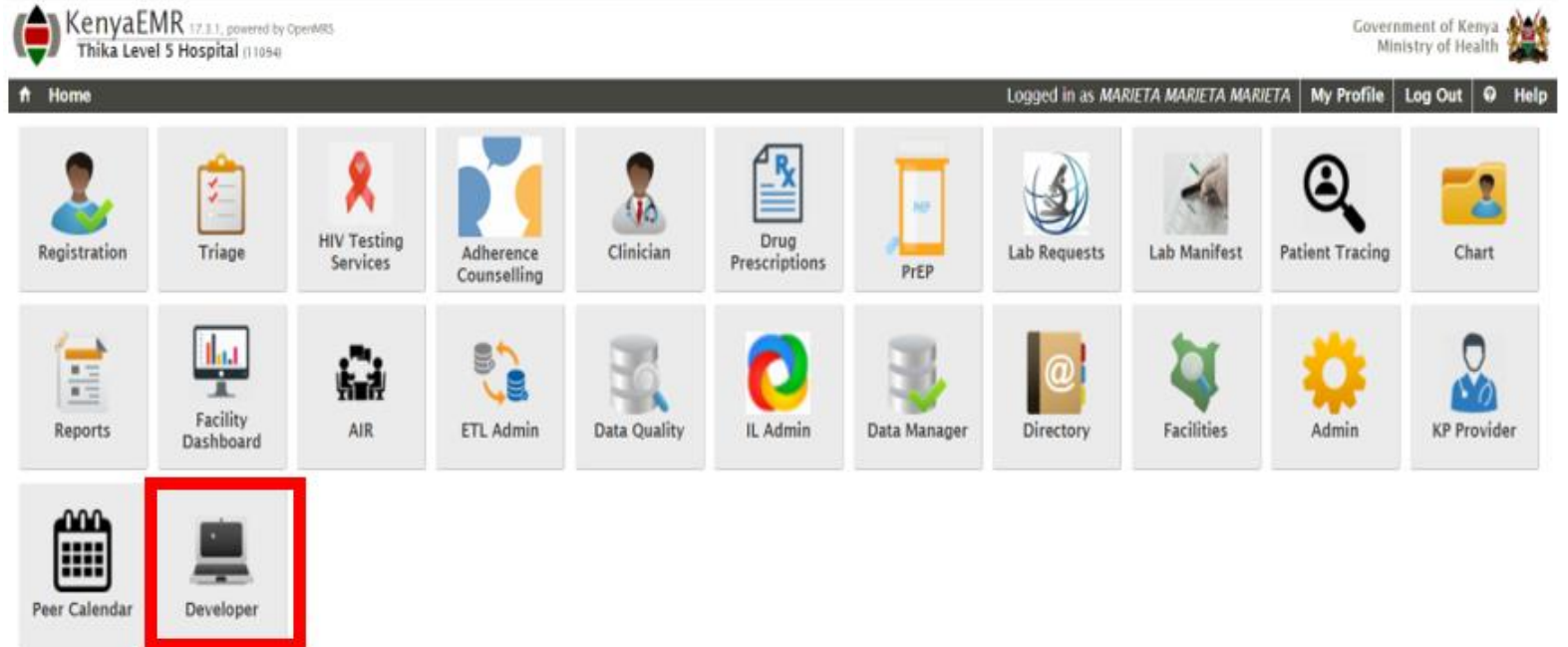
NB: Regimen Line should only be as the options provided under the Regimen line option work sheet i.e., Adult First line, Adult Second line, Adult Third line, Child First line, Child Second line, Child Third line

Linelist of patient regimen history							
Health Facility: Thika Level 5 Hospital MFL Code: 11094							
Entry ID	Name	Unique Patient Number	DOB	Sex	Regimen	Date started on Regimen	Regimen Line
110838	AGNES, AGNES	'10639000836	15/06/2009	M	ABC+3TC+DTG	17/06/2020	
122845	WANGUI KINUTHIA, WANGUI KINUTHIA	'1063901732	16/09/1977	F	TDF+3TC+DTG	01/07/2020	
124607	WATHERA MBURU, WATHERA MBURU	'20638000539	25/12/1980	F	TDF+3TC+DTG	24/07/2020	
122571	NJERI KIHARA, NJERI KIHARA	'20638000179	15/06/1978	F	TDF+3TC+DTG	30/06/2020	
110952	MELIN, MELIN	'10639000920	15/06/2007	F	TDF+3TC+DTG	16/06/2020	
112747	KIAMA MWANGI, KIAMA MWANGI	'20638000325	15/06/1962	M	AZT+3TC+ATV	05/06/2020	
123098	ODHIAMBO, ODHIAMBO	'10639001257	15/06/1981	F	TDF+3TC+DTG	08/07/2020	
123644	SILA, SILA	'10639001528	15/09/1980	F	TDF+3TC+DTG	14/07/2020	
123647	NYAWIRE, NYAWIRE	'106301562	08/08/1988	F	TDF+3TC+DTG	14/07/2020	
113709	MARGERET, MARGERET	'20638000724	15/06/1984	F	TDF+3TC+DTG	11/06/2020	
122455	FELISE, FELISE	'10639001042	15/05/1981	F	TDF+3TC+DTG	25/06/2020	
123773	WAIRIMU NGARUYA, WAIRIMU NGARUYA	'10638000987	18/08/1976	F	TDF+3TC+DTG	15/07/2020	
111452	BENARD, BENARD	'10639001153	15/06/1990	F	TDF+3TC+DTG	11/06/2020	
121972	JAKOBO, JAKOBO	'1023600845	05/05/1977	M	TDF+3TC+DTG	09/06/2020	
125557	Jonte, Test	'1109400056	15/06/1986	M	TDF+3TC+EFV	12/11/2020	
112048	MURATHE NDUNGU, MURATHE NDUNGU	'20638000064	15/06/1972	F	TDF+3TC+DTG	10/06/2020	
124849	RAHAB, RAHAB	'20638000601	22/02/1987	F	TDF+3TC+DTG	30/07/2020	
125145	MARCY, MARCY	'10639000855	11/08/1982	F	TDF+3TC+DTG	04/08/2020	
124037	MUGARA, MUGARA	'10639000745	24/12/1972	F	TDF+3TC+DTG	21/07/2020	
122456	MONICAH, MONICAH	'20638000493	10/11/2006	M	TDF+3TC+DTG	19/06/2020	

Step 8: Updated report is as shown

Linelist of patient regimen history							
Health Facility: Thika Level 5 Hospital MFL Code: 11094							
Entry ID	Name	Unique Patient Number	DOB	Sex	Regimen	Date started on Regimen	Regimen Line
110838	AGNES, AGNES	'10639000836	15/06/2009	M	ABC+3TC+DTG	17/06/2020	Child First line
122845	WANGUI KINUTHIA, WANGUI KINUTHIA	'1063901732	16/09/1977	F	TDF+3TC+DTG	01/07/2020	Adult First line
124607	WAIHERA MBURU, WAIHERA MBURU	'20638000539	25/12/1980	F	TDF+3TC+DTG	24/07/2020	Adult First line
122571	NJERI KIHARA, NJERI KIHARA	'20638000179	15/06/1978	F	TDF+3TC+DTG	30/06/2020	Adult First line
110952	MELIN, MELIN	'10639000920	15/06/2007	F	TDF+3TC+DTG	16/06/2020	Adult First line
112747	KIAMA MWANGI, KIAMA MWANGI	'20638000325	15/06/1962	M	AZT+3TC+ATV	05/06/2020	Adult Second line
123098	ODHIAMBO, ODHIAMBO	'10639001257	15/06/1981	F	TDF+3TC+DTG	08/07/2020	Adult First line
123644	SILA, SILA	'10639001528	15/09/1980	F	TDF+3TC+DTG	14/07/2020	Adult First line
123647	NYAWIRE, NYAWIRE	'106301562	08/08/1988	F	TDF+3TC+DTG	14/07/2020	Adult First line
113709	MARGERET, MARGERET	'20638000724	15/06/1984	F	TDF+3TC+DTG	11/06/2020	Adult First line
122455	FELISE, FELISE	'10639001042	15/05/1981	F	TDF+3TC+DTG	25/06/2020	Adult First line
123773	WAIRIMU NGARUYA, WAIRIMU NGARUYA	'10638000987	18/08/1976	F	TDF+3TC+DTG	15/07/2020	Adult First line
111452	BENARD, BENARD	'10639001153	15/06/1990	F	TDF+3TC+DTG	11/06/2020	Adult First line
121972	JAKOBO, JAKOBO	'1023600845	05/05/1977	M	TDF+3TC+DTG	09/06/2020	Adult First line
125557	Jonte, Test	'1109400056	15/06/1986	M	TDF+3TC+EFV	12/11/2020	Adult First line
112048	MURATHE NDUNGU, MURATHE NDUNGU	'20638000064	15/06/1972	F	TDF+3TC+DTG	10/06/2020	Adult First line
124849	RAHAB, RAHAB	'20638000601	22/02/1987	F	TDF+3TC+DTG	30/07/2020	Adult First line
125145	MARCY, MARCY	'10639000855	11/08/1982	F	TDF+3TC+DTG	04/08/2020	Adult First line
124037	MUGARA, MUGARA	'10639000745	24/12/1972	F	TDF+3TC+DTG	21/07/2020	Adult First line
122456	MONICAH, MONICAH	'20638000493	10/11/2006	M	TDF+3TC+DTG	19/06/2020	Adult First line

Step 9: Once the regimen line has been updated for all records generated, log in as an admin and navigate to the developer app



KenyaEMR 17.3.1, powered by OpenMRS
Thika Level 5 Hospital (11094)

Government of Kenya
Ministry of Health

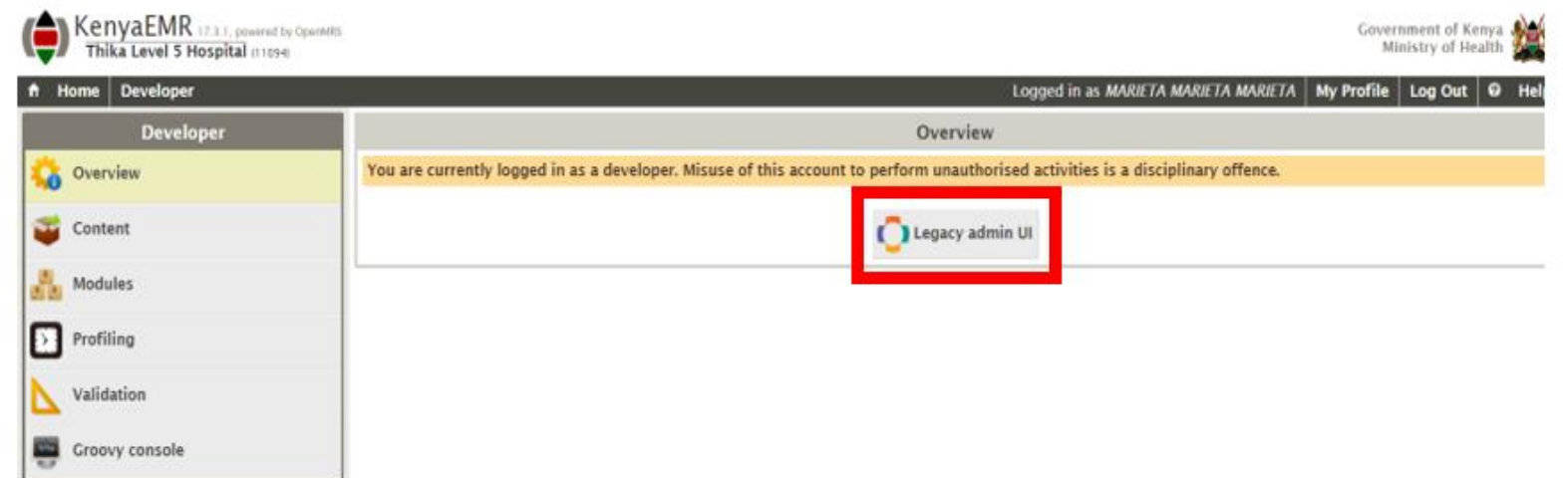
Home Logged in as MARIETA MARIETA MARIETA My Profile Log Out Help

Registration Triage HIV Testing Services Adherence Counselling Clinician Drug Prescriptions PrEP Lab Requests Lab Manifest Patient Tracing Chart

Reports Facility Dashboard AIR ETL Admin Data Quality IL Admin Data Manager Directory Facilities Admin KP Provider

Peer Calendar **Developer**

Step10: Click on Legacy admin UI



KenyaEMR 17.3.1, powered by OpenMRS
Thika Level 5 Hospital (11094)

Government of Kenya
Ministry of Health

Home Developer Logged in as MARIETA MARIETA MARIETA My Profile Log Out Help

Developer

- Overview
- Content
- Modules
- Profiling
- Validation
- Groovy console

Overview

You are currently logged in as a developer. Misuse of this account to perform unauthorised activities is a disciplinary offence.

Legacy admin UI

Step 11: On the right side, scroll down and locate 'Spreadsheet Import Module' and click on 'Spreadsheet Import Template List'

HTS in KenyaEMR Module
[Manage module](#)

Afyastat
[Afyastat](#)

Spreadsheet Import Module
[Spreadsheet Import Template List](#)

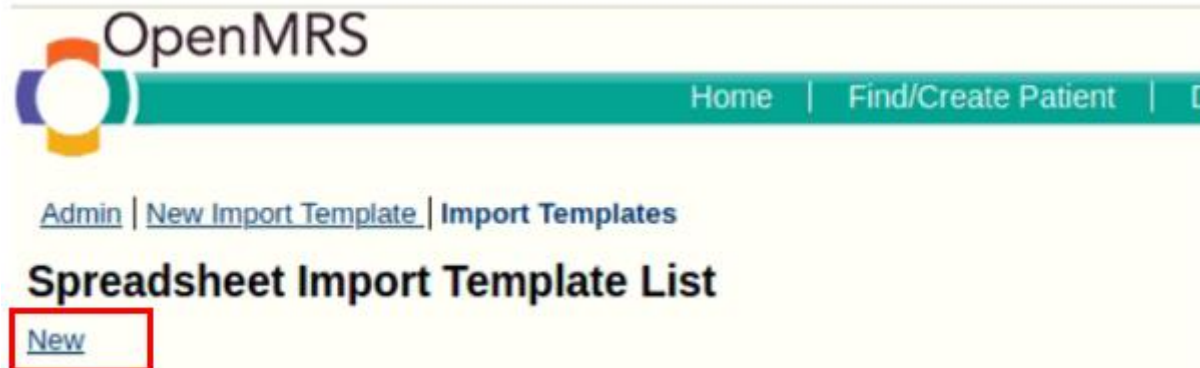
Kenyakeypop
[Kenyakeypop](#)

KenyaEMR P-SMART Module
[Manage module](#)

KenyaEMR IL Module
[Manage module](#)

PROCEDURE FOR BOTH MIGRATED AND NON MIGRATED SITES

Step 12:
 Click New to define import parameters.

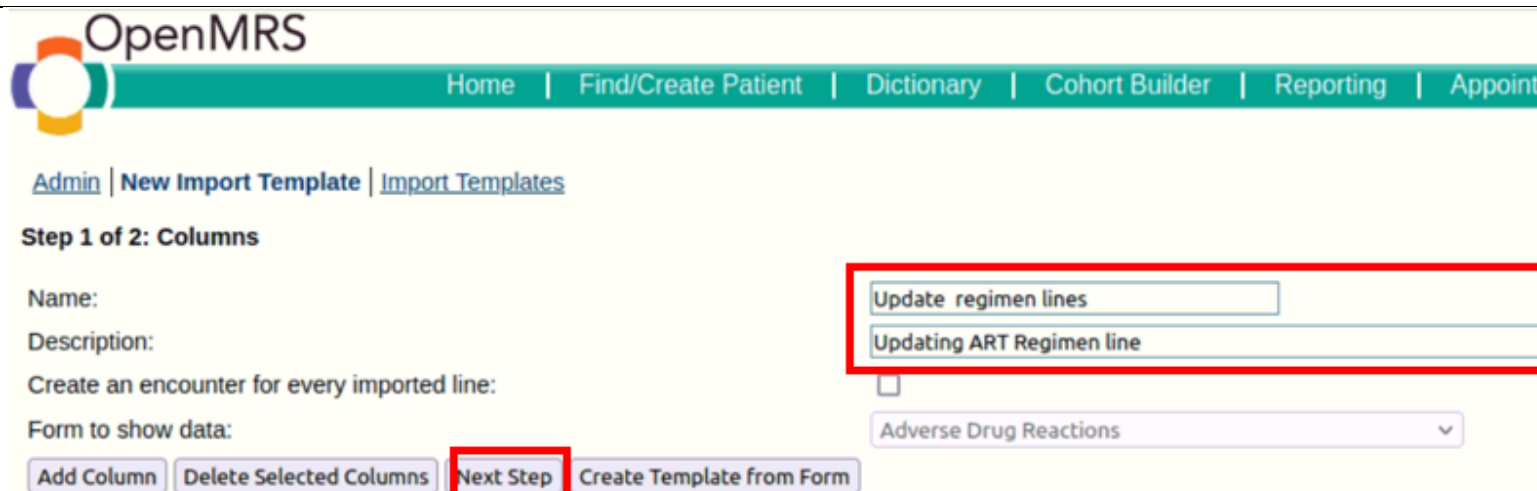


The screenshot shows the OpenMRS web interface. At the top, there is a navigation bar with 'Home' and 'Find/Create Patient' links. Below this, a breadcrumb trail reads 'Admin | [New Import Template](#) | Import Templates'. The main heading is 'Spreadsheet Import Template List'. At the bottom left of this section, the word 'New' is highlighted with a red box, indicating the next step in the procedure.

Step 12a:

Enter the name and Description of the import parameters.
Click **Next Step** when done.

NB: The Name **MUST** look exactly as shown here.



OpenMRS
Home | Find/Create Patient | Dictionary | Cohort Builder | Reporting | Appoint

[Admin](#) | [New Import Template](#) | [Import Templates](#)

Step 1 of 2: Columns

Name:

Description:

Create an encounter for every imported line: ☐

Form to show data:

12b:

On the Spreadsheet Template List window, click on the Import Link.
This will open the file explorer dialogue window from where you navigate to the template prepared in Step 5 – 8 above.

Click Upload when done.



OpenMRS
Home | Find/Create Patient | Dictionary

[Admin](#) | [New Import Template](#) | [Import Templates](#)

Spreadsheet Import Template List

[New](#)

Name	Description	Action
<input type="checkbox"/> Update regimen lines	Updating ART Regimen line	<input type="button" value="Import"/>

OpenMRS
Home | Find/Create Patient

[Admin](#) | [New Import Template](#) | [Import Templates](#)

Update regimen lines

Spreadsheet to upload: No file chosen


Sheet:

☐ Rollback transaction

Step 13: To confirm successful update to individual records, search for a client who was listed in the file uploaded, navigate to chart, MOH 257 and then under ARV regimen history confirm if the regimen line is available.

Entry ID	Name	Unique Patient Number	DOB	Sex	Regimen	Date started on Regimen	Regimen Line
110838	AGNES, AGNES	'10639000836	15/06/2009	M	ABC+3TC+DTG	17/06/2020	Child First line

Home | Chart


AGNES, AGNES AGNES
12 Male, 11 year(s) (15-Jun-2000)

Unique Patient Number **10639000836**

On ART

Due for Viral Load

Lost to Followup

On QTZ

Overview

MOR 257

Patient summary


Family History

HIV
 Enrolled on 24-Apr-2012
IPT
 Completed on 25-Feb-2017
QTZ
 Enrolled on 07-Aug-2019

Visits(70)
 Outpatient
20-Jun-2020 10:17 — 10:18
 Outpatient
17-Jun-2020
 Outpatient
07-Apr-2020
 Outpatient
10-Dec-2019
 Outpatient
07-Aug-2018
 Outpatient
27-Jun-2019
 Outpatient
23-Apr-2019
 Outpatient
01-Mar-2019
 Outpatient
10-Dec-2018

Page 1 (Care Summary)

New Forms


 Family History

Previously Completed Forms

None


Page 2 (Initial and Followup Visits)

None

 Add Visit Summary
From column

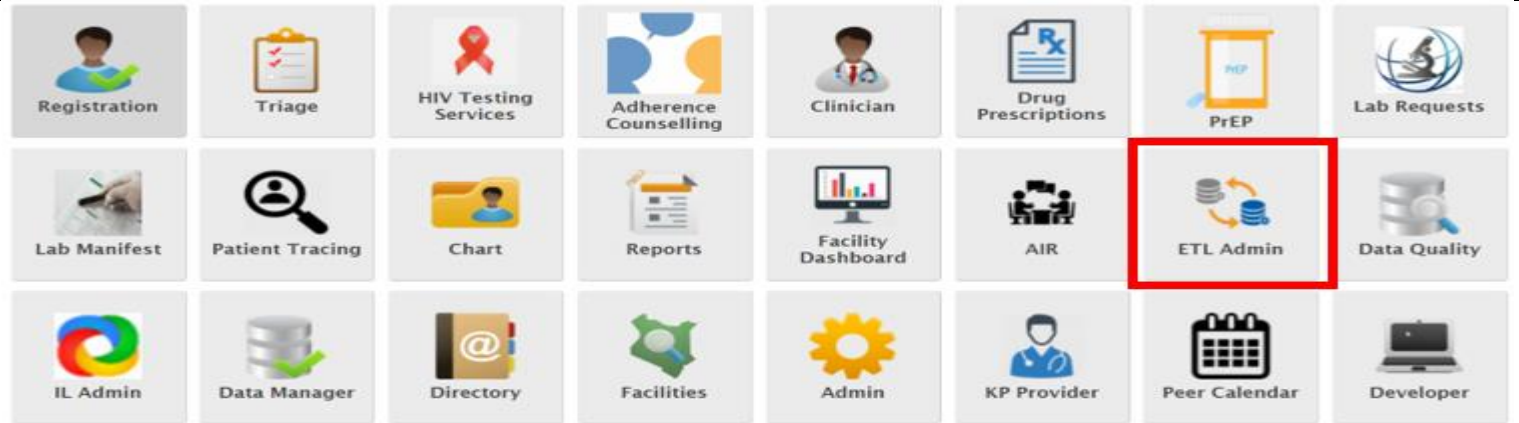
ARV Regimen History

Start	End	Regimen	Regimen Line	Change Reason
14-May-2013	08-Jan-2016	ABC/3TC/NVP		
08-Jan-2016	16-Mar-2016	TDF/3TC/NVP		
16-Mar-2016	23-Aug-2017	ABC/3TC/NVP		
23-Aug-2017	19-Sep-2017	ABC/3TC/EFV		
19-Sep-2017	02-May-2018	ABC/3TC/NVP		
02-May-2018	27-Jun-2018	TDF/3TC/EFV		
27-Jun-2018	23-Apr-2019	ABC/3TC/NVP		
23-Apr-2019	17-Jun-2020	ABC/3TC/EFV		
17-Jun-2020		ABC/3TC/DTG		Child first line

 Edit History
Go to editor

Step 14: To ensure that the changes take effect on reports, navigate to home page, click on **ETL Admin** icon then click on **Recreate tables**.

After, rerun your report to confirm that the list has been updated.



ETL Administration Page



History of ETL Operations (Last 10 entries)

NB: Process to be repeated until all records are updated with the correct regimen line

-THE END-