

SOP: KenyaEMR integration with nimeCONFIRM System

Last updated: 6th Aug 2021

Objective:	To correctly guide end user to access the nimeCONFIRM information on KenyaEMR to support client drug adherence monitoring
Targeted group:	Healthcare providers, HRIO, M&E
Required Materials:	Functional KenyaEMR from version 17.5.1 compatible with VDOT module

A: Conditions:

For the *nimeCONFIRM* feature to work in KenyaEMR correctly, the client must meet the following conditions:

- i. Must be less than 19 years of age
- ii. Must be enrolled into HIV service
- iii. Must have been started in ART
- iv. Person must have phone contact captured

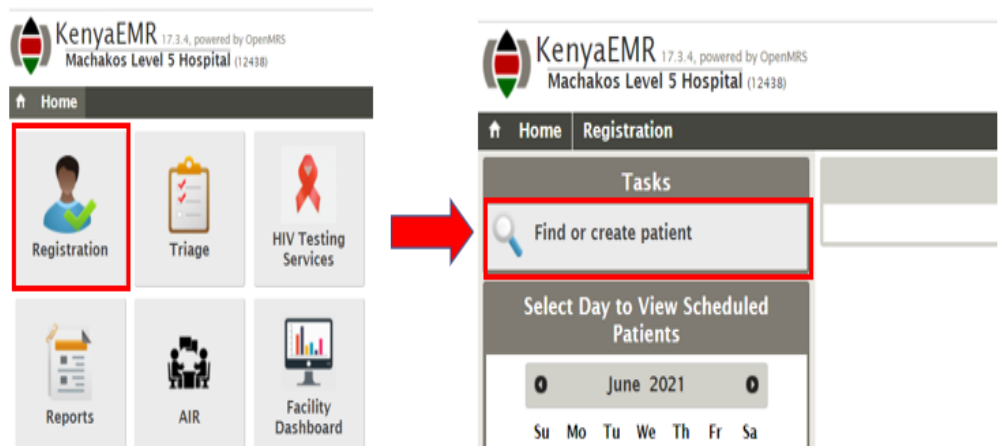
B: Procedure:

Step 1: Find or create patient

Create a new person in KenyaEMR or search for an existing person in KenyaEMR and load their profile.

NB:

Ensure persons phone contact is correctly captured to avoid issues during data exchange with VDOT system



Step 2: Enrol patient into HIV service

Check to ensure the person is enrolled into HIV services. If not, enrol the client into HIV service normally.

Step 3: Initiate patient on ART

Check to establish that the patient is started on ART. If not, use the normal procedure to correctly initiate the patient on ART.

NB: Ensure that you have correctly prescribed drugs for the patient using the drug order module.

Step 4: Enrol patient into nimeCONFIRM program

Once all the preconditions are met, you will see the *nimeCONFIRM* button available for enrolment into the program. Click on the button to enrol the patient into the service.

Service	Action
HIV	
ART Preparation	Enroll
Enrolled: 16-Feb-2021 (4 months ago) Entry point: Outpatient department	
	Discontinue
TB	Enroll
IPT	Enroll
OTZ	Enroll
OVC	Enroll
NimeCONFIRM	Enroll

Check that the patient is already enrolled into HIV services, otherwise enrol the patient into this service.

If all prerequisites are met, you will notice this button is available for nimeCONFIRM enrolment.

Step 5: Complete the enrolment form

On the VDOT client enrolment form, complete all the fields correctly and save. The fields include:

- Enrolment date / time
- Client consent
- Reason for referral. Specify if "Other" is selected.

Click **Enter Form** once the form is completed to save.

KenyaEMR 17.3.4, powered by OpenMRS
Machakos Level 5 Hospital (12438)

Home Clinician

Huyo, Mtu Mrefu
Male, ~11 year(s) (approx 15-Jun-2010)
Unique Patient Number 6754309751
National ID 23232323
Patient Clinic Number 234

Due for TB Sputum On ART

Vdot Enrollment form

Enrolment Date: 16-Jun-2021 12:41:55

VDOT Client Enrollment

Has consent been given? [v]

Reason for referral

- Sub optimal adherence
- Newly initiating ART
- Unstable Caregiver
- Age 0-4 years
- Other

Enter Form Discard Changes

Step 6: Data Synchronization with VDOT system

With availability of internet connection and correct configurations, KenyaEMR allows seamless data synchronization and automatically exchange data with VDOT at a regular interval as specified in the schedulers

However, the user can still initiate data exchange with VDOT by clicking on the nimeCONFIRM tab on the Home Page and click “Synchronize

Data” This will display data exchange statistics dashboard.

Click on **Pull** or **Push** buttons to manually initiate data exchange.

- i. **Push Data:** This button will only be available if there are pending records that are yet to be synchronized with VDOT system. Click the button to manually push data to VDOT system.
- ii. **Pull Data:** Click this button to manually retrieve (pull) data from the VDOT system into KenyaEMR. A “Vdot data pulled successfully” alert will appear for successful data exchange with VDOT.

NB: Internet availability is required for the Push or Pull operations to be successful.

Click on “Back to nimeCONFIRM Home” when done to return to the previous screen.

The image shows two screenshots of the KenyaEMR interface. The top screenshot shows the 'NimeCONFIRM' page with a search bar and a 'Data Management Actions' section where the 'Synchronize data' button is highlighted with a red box. A red arrow points from this button to the bottom screenshot. The bottom screenshot shows the 'NimeCONFIRM' page with a navigation bar containing a 'Back to NimeCONFIRM home' button (highlighted with a red box). Below the navigation bar, there are two buttons: 'Push Data →' and 'Pull Data →'. To the right, there is a 'nimeConfirm Enrollment statistics' table and a 'Push to server' button (highlighted with a red box) with a tooltip that says 'Click this button to manually push enrolment data to VDOT system'. Below the table, there is a green alert message 'Vdot data pulled successfully' and a 'Pull data from server' button (highlighted with a red box).

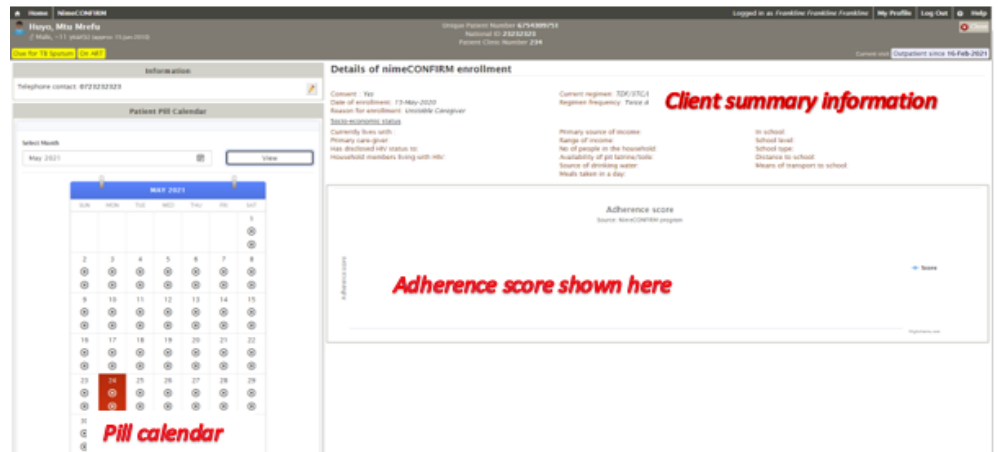
Enrollments	Total
Processed enrollments	0
Pending enrollments	1
Error	0

Step 7: View nimeCONFIRM Dashboard

To view the *nimeCONFIRM* patient dashboard, click on the *nimeCONFIRM* patient dashboard, click on the *nimeCONFIRM* tab on the home page. Search for a specific patient by entering the search string (name or ID) on the search space.

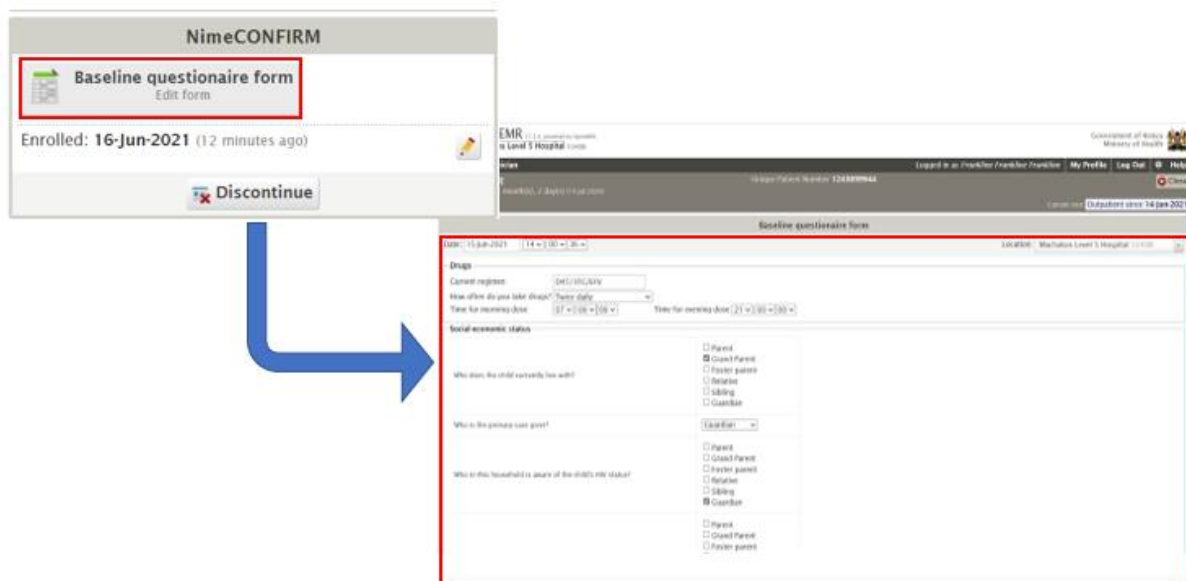


Locate the patient of interest under Search Results and click on the name. this will open the patient *nimeCONFIRM* profile.



Step 8: View Baseline Questionnaire form

Once client is successfully enrolled into *nimeCONFIRM* service and data exchanged with VDOT system, you can view the patient baseline information was captured in the VDOT system by clicking the **Baseline Questionnaire** under *nimeCONFIRM* service section.



THE END