

User guide: Client Referral Feature in KenyaEMR 2.x

[Last updated: Nov 2023]

Tasks:	Document Cancer Screening services offered to a client in KenyaEMR
Objective:	Successfully Log into KenyaEMR, conduct cancer screening services, and document the details in KenyaEMR
Who:	All facility staff responsible for conducting cancer screening
Required Materials:	Username, password, computer with KenyaEMR (18.6.2) + installed, patient name, ID, and/or age

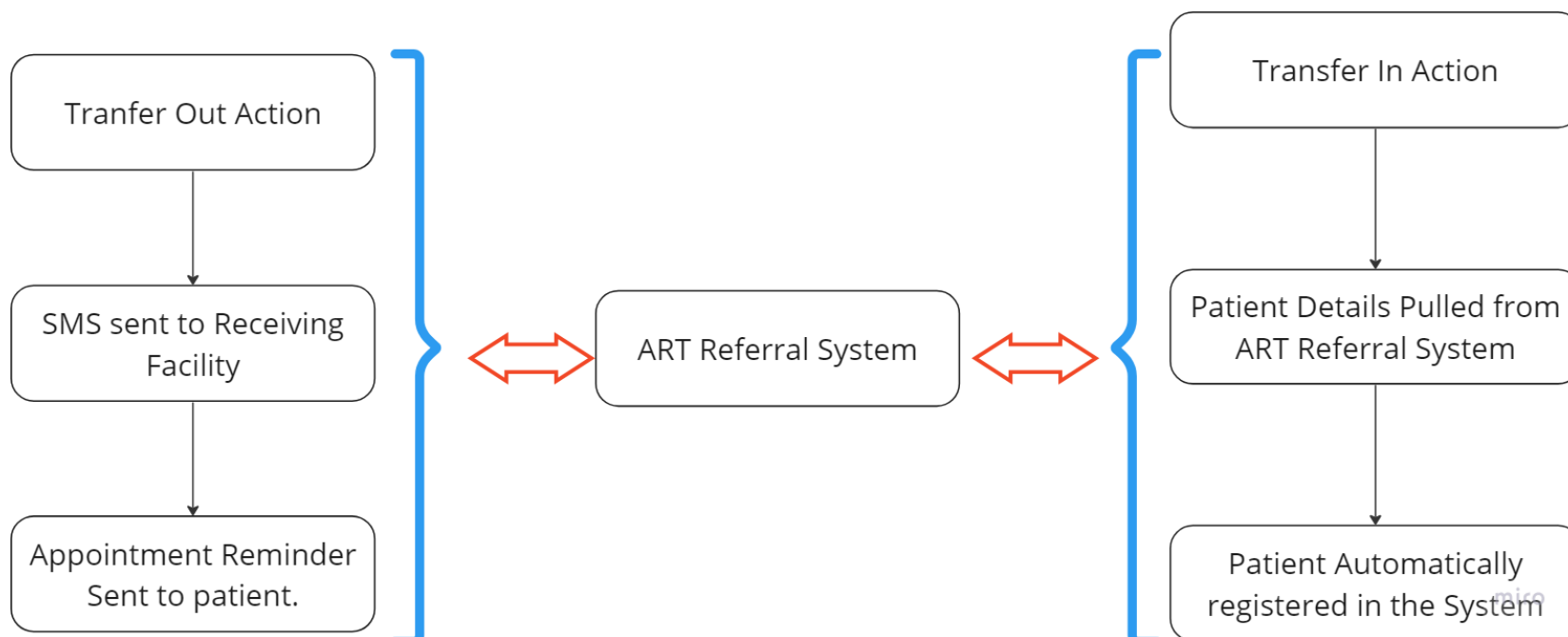
Introduction:

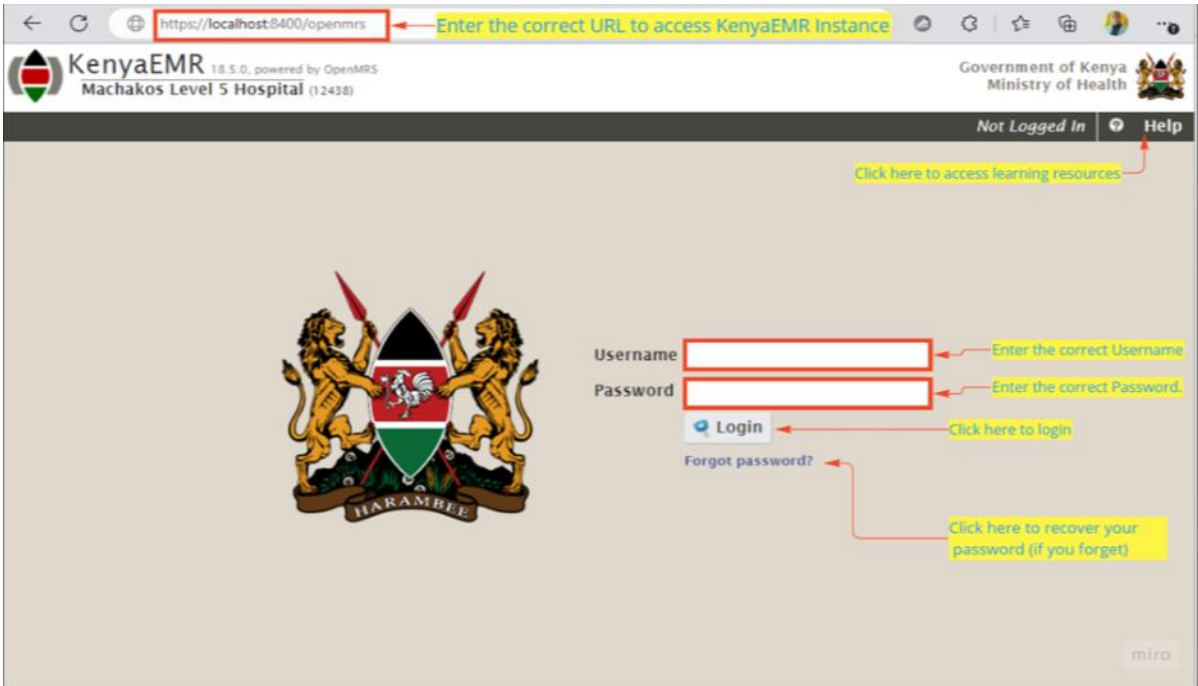
KenyaEMR has been enhanced to support comprehensive documentation of Cancer Screening details. This is in line with the National Cancer Control Program's requirements that require all eligible clients to be offered Cancer Screening services regardless of HIV status. The module comprises a single form with four sections i.e., History, Symptoms, Screening, and Follow-up. This guide provides the procedure for documenting the Cancer screening information in KenyaEMR.

Patient Referral Process

There are two workflows involved in patient referral process.

- Referral for Transfer outpatient (TO)
- Admitting a Transfer In patient (TI)



<p>Step 1</p>	<p>Login to KenyaEMR.</p> <p>Enter the application server URL system. “[ServerIpAddress:8080/openmrs]” and click on the load button or Enter key from the keyboard. On successful loading, you should be navigated to the system login page.</p> <p>Authenticate entry by providing username and password on the fields and click “Login” Upon successful login, you shall be navigated to KenyaEMR Home Page.</p> <p>Successful login will direct you to the KenyaEMR Home Page where the facility dashboard will be displayed.</p> <p>Click Home to proceed.</p>	
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TRANSFER OUT WORKFLOW

Step 2

Transfer Out procedure.

This procedure is performed for patients who have requested to be transferred to receive HIV care in a different facility.

Steps

- Search for the patient and open the patient's clinical profile.
- Under services, locate HIV service section.
- Click on **Discontinue** (shown). This will open a discontinuation form.

On the discontinuation form, fill all the fields (**Step 1 to 8**) as shown in the illustration.

Click **Enter Form** when done to submit.

After form submission, the patient's transfer out details are transmitted to ART Referral system which sends out a message notification to the receiving facility to expect the patient on the appointment due date.

The screenshot illustrates the 'HIV Discontinuation' workflow in the KeHMIS system. It shows a patient profile for 'Mary, Test One' with a 'Discontinue' button highlighted. An arrow points to the 'HIV Discontinuation' form, which is divided into eight steps:

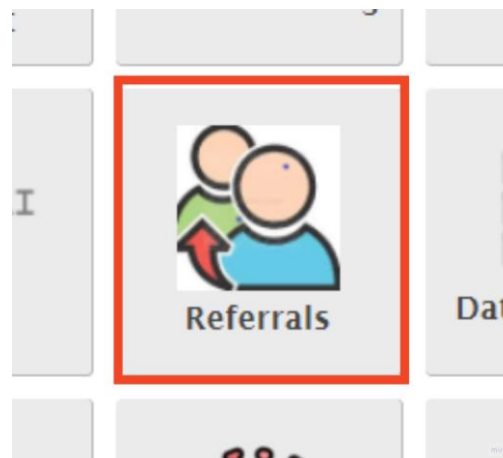
- STEP 1:** Encounter Date (27-Oct-2023)
- STEP 2:** Reason (Transferred Out)
- STEP 3:** In Kenya (checked)
- STEP 4:** Click to select transfer to facility
- STEP 5:** Transfer To Facility dialog (Kisumu County Hospital)
- STEP 6:** Select Facility
- STEP 7:** Transfer out verified? (Yes/No)
- STEP 8:** Enter Form

TRANSFER -IN WORKFLOW (Receiving facility)


On the appointment due date, the patient presents himself in the new facility for registration and enrollment as a transfer in (TI) patient. The following steps outline the steps the receiving facility needs to perform to successfully receive the client.

Steps

- Login into KenyaEMR system
- On the facility dashboard, click **Home**.
- Locate **Referrals** App on window (as shown).
- Click the icon to open the referral summaries.



On the Facility Referral Summary screen, locate the patient from the list. Take note of the number of pending Transfer Ins for your facility. The figure below illustrated a sample referral summary window:



KenyaEMR 18.6.2, powered by OpenMRS
Busia County Referral Hospital (15834)

Home
Referrals

Navigation

Back to home

Referrals

CCC Referrals

Facility Referrals summary

Total data in queue	3	Total number of transfers in patients expected in the facility.
Total errors	0	

Pending Referrals

Completed Referrals

Patient Identifier	UPI	Patient Name	TransferOut Date	Appointment Date	Transfer In Date	Action
1460700035	TEST1666172871	daudi daudi daudi		2023-04-17		Serve Client
1460700036	TEST1666172871	daudi daudi daudi		2023-04-17		Serve Client
1425900144	MOH00002538750	grace grace grace	2023-10-27	2024-02-01		Serve Client

[First](#)
[Previous](#)
1
[Next](#)
[Last](#)

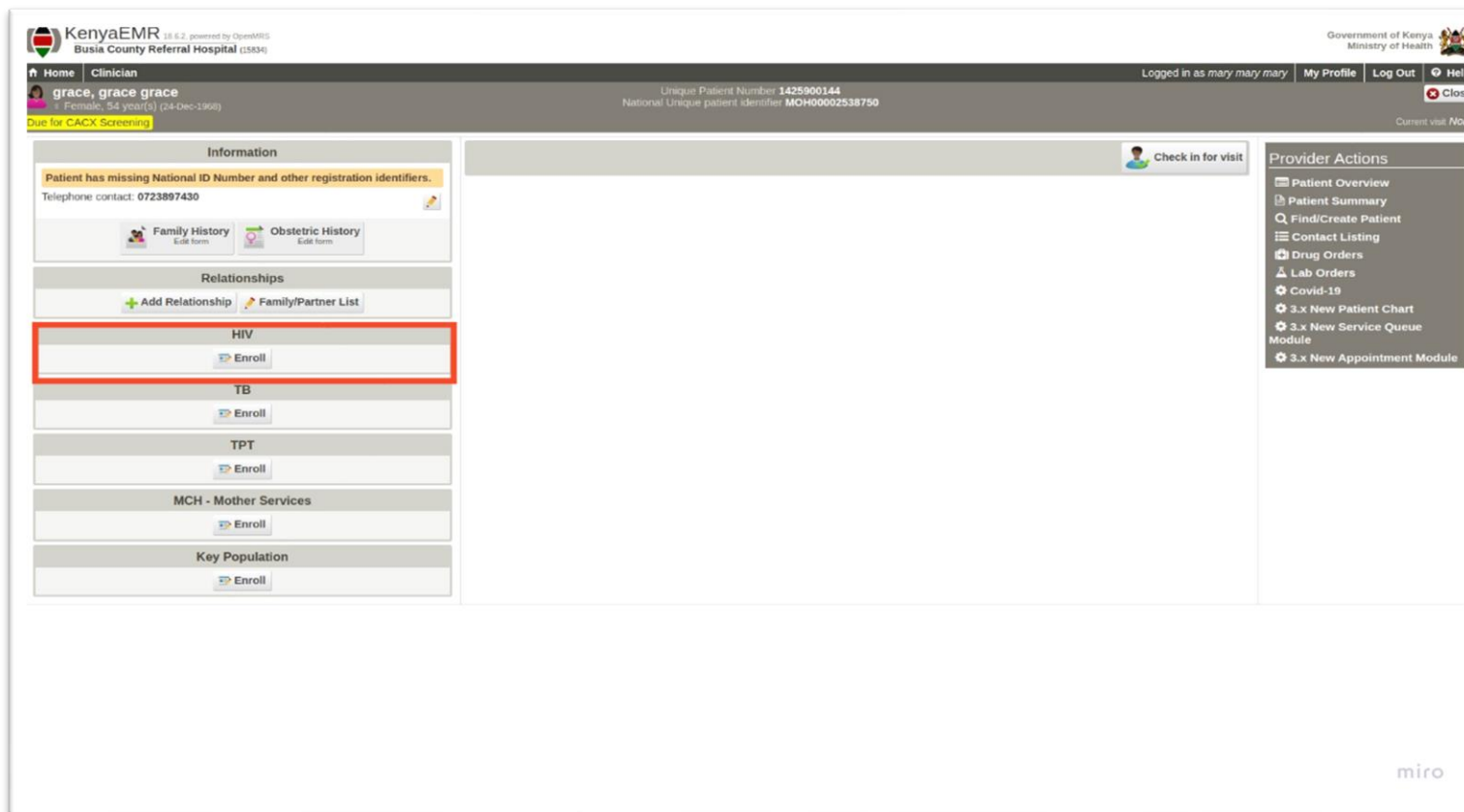
Line list of TIs for this facility

miro

To start patient clinic services, click **Serve Client** to proceed.

TI Patient Registration and Enrolment to HIV services

By clicking Server Client from the above step, the client will be automatically registered in the system. A successful registration should result in the following patient profile window.

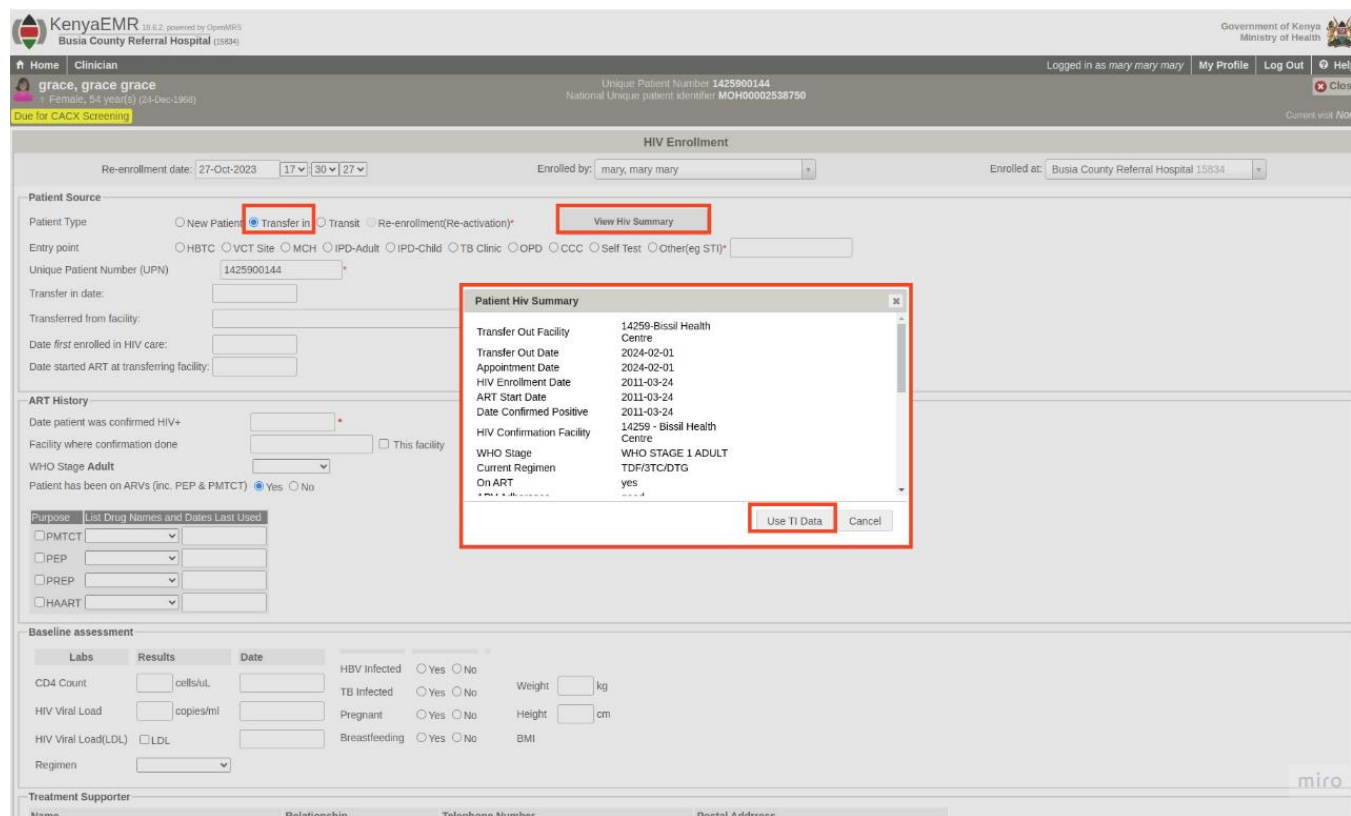


The screenshot shows the KenyaEMR interface for a patient named 'grace, grace grace'. The patient's profile includes a warning about missing National ID and registration identifiers, and a telephone contact number. The 'HIV' section is highlighted with a red box, and the 'Enroll' button is visible. The interface also includes a 'Provider Actions' sidebar with options like Patient Overview, Patient Summary, Find/Create Patient, Contact Listing, Drug Orders, Lab Orders, Covid-19, and New Patient Chart, Service Queue, and Appointment Module.

To Enrol into HIV service, click on **Enroll** button (see highlighted above). This should open a patient HIV enrolment form shown in the next page.

Filling the Enrolment form for a Transfer In Client

Nothing really changes in how HIV enrollment should be completed. The only difference is that the fields will be prefilled automatically with the clinical information from previous facility. Under patient type, select Transfer In, then click View HIV Summary to display information from previous facility as shown below;



KenyaEMR 10.0.2, powered by OpenMRS
Busia County Referral Hospital (15834)

Government of Kenya
Ministry of Health

Home | Clinician | Logged in as mary mary mary | My Profile | Log Out | Help

grace, grace grace
Female, 34 years (E) (1-Dec-1968)
Unique Patient Number 1425900144
National Unique patient identifier: MOH00002538750

Due for CACX Screening

HIV Enrollment

Re-enrollment date: 27-Oct-2023 | 17 | 30 | 27 | Enrolled by: mary, mary mary | Enrolled at: Busia County Referral Hospital 15834

Patient Source

Patient Type: New Patient **Transfer in** Transit Re-enrollment(Re-activation)* **View HIV Summary**

Entry point: HBTC VCT Site MCH IPD-Adult IPD-Child TB Clinic OPD CCC Self Test Other(eg STI)*

Unique Patient Number (UPN): 1425900144

Transfer in date:

Transferred from facility:

Date first enrolled in HIV care:

Date started ART at transferring facility:

ART History

Date patient was confirmed HIV+:

Facility where confirmation done: This facility

WHO Stage Adult:

Patient has been on ARVs (inc. PEP & PMTCT) Yes No

Purpose | List Drug Names and Dates Last Used

PMTCT

PEP

PREP

HAART

Baseline assessment

Labs	Results	Date	HBV Infected	TB Infected	Pregnant	Breastfeeding	Weight	Height	BMI
CD4 Count	<input type="text"/> cells/uL	<input type="text"/>	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="text"/> kg	<input type="text"/> cm	<input type="text"/>
HIV Viral Load	<input type="text"/> copies/ml	<input type="text"/>							
HIV Viral Load(LDL)	<input type="checkbox"/> LDL	<input type="text"/>							
Regimen	<input type="text"/>								

Treatment Supporter

Name	Relationship	Telephone Number	Postal Address
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Patient HIV Summary

Transfer Out Facility: 14259-Bissil Health Centre
 Transfer Out Date: 2024-02-01
 Appointment Date: 2024-02-01
 HIV Enrollment Date: 2011-03-24
 ART Start Date: 2011-03-24
 Date Confirmed Positive: 2011-03-24
 HIV Confirmation Facility: 14259 - Bissil Health Centre
 WHO Stage: WHO STAGE 1 ADULT
 Current Regimen: TDF/3TC/DTG
 On ART: yes

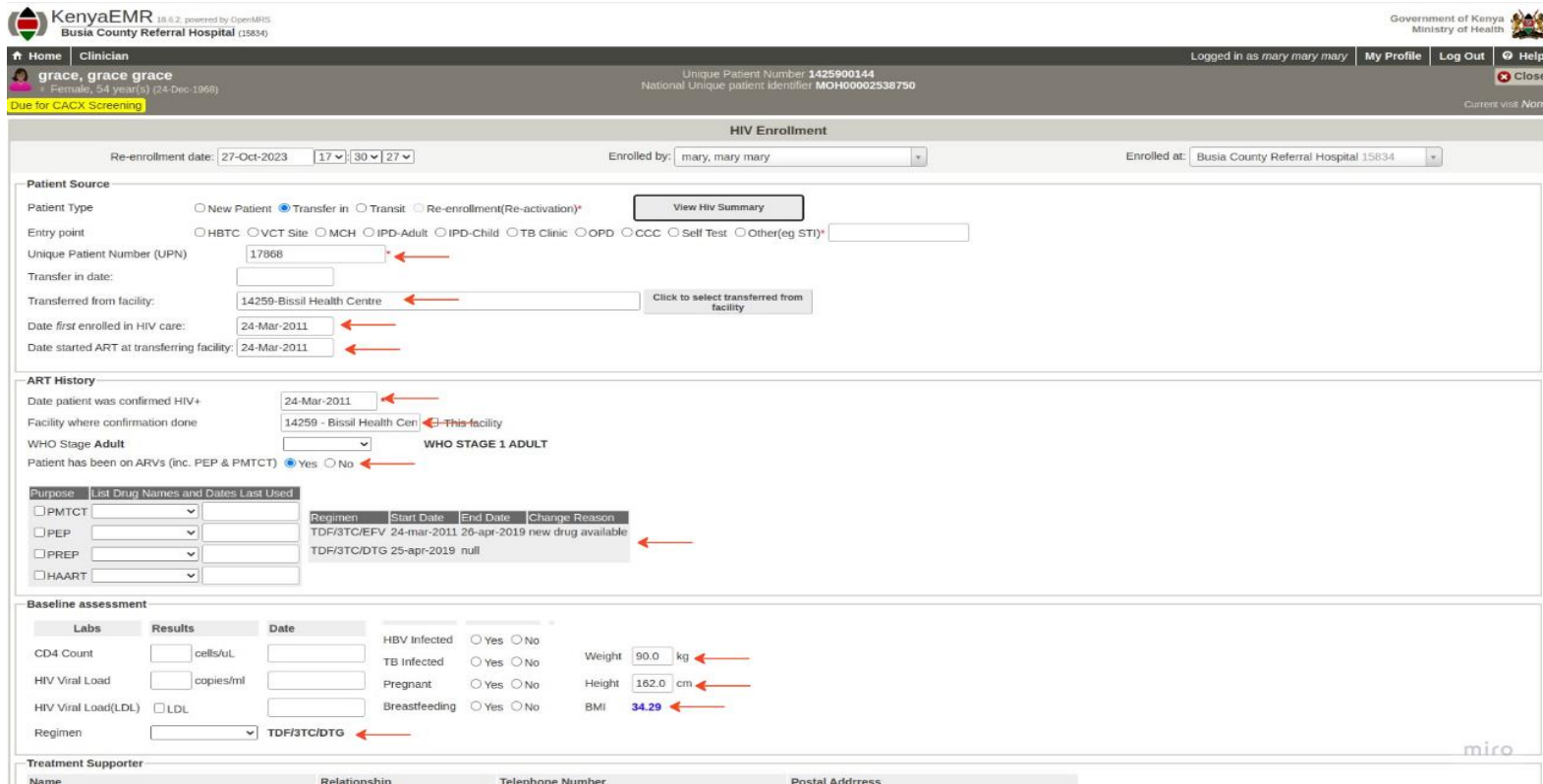
Use TI Data | Cancel

Review the information for consistency and relevance. The provided information are very essential in giving advance information about the patient HIV care in the previous facility. Once satisfied, click **Use TI Data** button to populate the details on to the form as shown below.

Step 5

Review Transfer-In information populated on the enrolment form.

The information pulled from patient's previous facility is loaded on HIV enrolment form. Review the prefilled data (see arrows). Fill in additional variables as applicable for the client. Click Enter Form to save the information.



KenyaEMR 18.6.2, powered by OpenMRS
 Busia County Referral Hospital (15834)

Government of Kenya
 Ministry of Health

Home Clinician
 grace_grace grace Unique Patient Number 1425900144
 Female, 34 years(s) (24 Dec 1968) National Unique patient Identifier MOH00002538750
 Logged in as mary_mary_mary My Profile Log Out Help
 Due for CACX Screening Current visit None

HIV Enrollment

Re-enrollment date: 27-Oct-2023 17 30 27 Enrolled by: mary_mary_mary Enrolled at: Busia County Referral Hospital 15834

Patient Source

Patient Type New Patient Transfer in Transit Re-enrollment(Re-activation)*

Entry point HBTC VCT Site MCH IPD-Adult IPD-Child TB Clinic OPD CCC Self Test Other(eg STI)*

Unique Patient Number (UPN) 17868

Transfer in date:

Transferred from facility: 14259-Bissil Health Centre

Date first enrolled in HIV care: 24-Mar-2011

Date started ART at transferring facility: 24-Mar-2011

ART History

Date patient was confirmed HIV+ 24-Mar-2011

Facility where confirmation done 14259 - Bissil Health Cen ← This facility

WHO Stage Adult WHO STAGE 1 ADULT

Patient has been on ARVs (inc. PEP & PMTCT) Yes No

Purpose	List Drug Names and Dates Last Used	Regimen	Start Date	End Date	Change Reason
<input type="checkbox"/> PMTCT					
<input type="checkbox"/> PEP		TDF/3TC/EFV	24-mar-2011	26-apr-2019	new drug available
<input type="checkbox"/> PREP		TDF/3TC/DTG	25-apr-2019	null	
<input type="checkbox"/> HAART					

Baseline assessment

Labs	Results	Date	HBV Infected	TB Infected	Pregnant	Breastfeeding	Weight	Height	BMI
CD4 Count	cells/uL		<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	90.0 kg	162.0 cm	34.29
HIV Viral Load	copies/ml								
HIV Viral Load(LDL)	LDL								
Regimen									

Regimen TDF/3TC/DTG

Treatment Supporter

Name	Relationship	Telephone Number	Postal Address

Once the registration is completed successfully, a text message will be sent to the referring facility notifying them that the patient has successfully resumed care in the new facility.

THE END