

## MCH Mother Services KenyaEMR

[ Last updated: March 2024]

<b>Tasks:</b>	Enter patient data into the KenyaEMR and enroll them for Mother Services in the MCH program
<b>Objective:</b>	Successfully Login to KenyaEMR and successfully Record all MCH Mother enrollment data and make MCH-related KenyaEMR forms available.
<b>Who:</b>	All facility staff responsible for enrolling patients into the MCH program.
<b>Required Materials:</b>	Username, password, computer with KenyaEMR 3.x ver18.7.2 and above installed, patient name, ID, and/or age.

**Step 1**

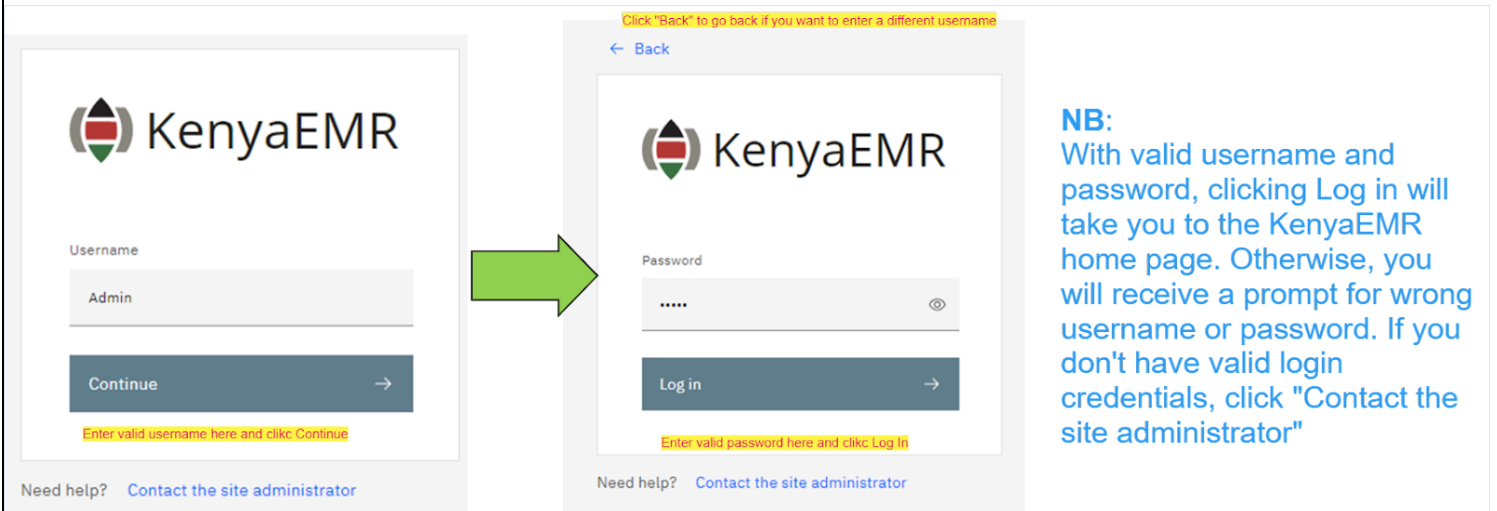
**Login to KenyaEMR.**

Enter the application server URL system.

**“[ServerIpAddress:8080/openmrs/spa**

**]**” and click on the load button or Enter key from the keyboard. On successful loading, you should be navigated to the system login page.

Authenticate entry by providing username on the field and click **“Continue”** Upon successful login, you shall be navigated to the password page.



The image shows two screenshots of the KenyaEMR login interface. The first screenshot shows the 'Username' field with 'Admin' entered and a 'Continue' button. A yellow tooltip says 'Enter valid username here and click Continue'. The second screenshot shows the 'Password' field with masked characters and a 'Log in' button. A yellow tooltip says 'Enter valid password here and click Log In'. A green arrow points from the first screenshot to the second. A blue tooltip at the top of the second screenshot says 'Click "Back" to go back if you want to enter a different username'. Both screenshots have a 'Need help? Contact the site administrator' link at the bottom.

**NB:** With valid username and password, clicking Log in will take you to the KenyaEMR home page. Otherwise, you will receive a prompt for wrong username or password. If you don't have valid login credentials, click "Contact the site administrator"

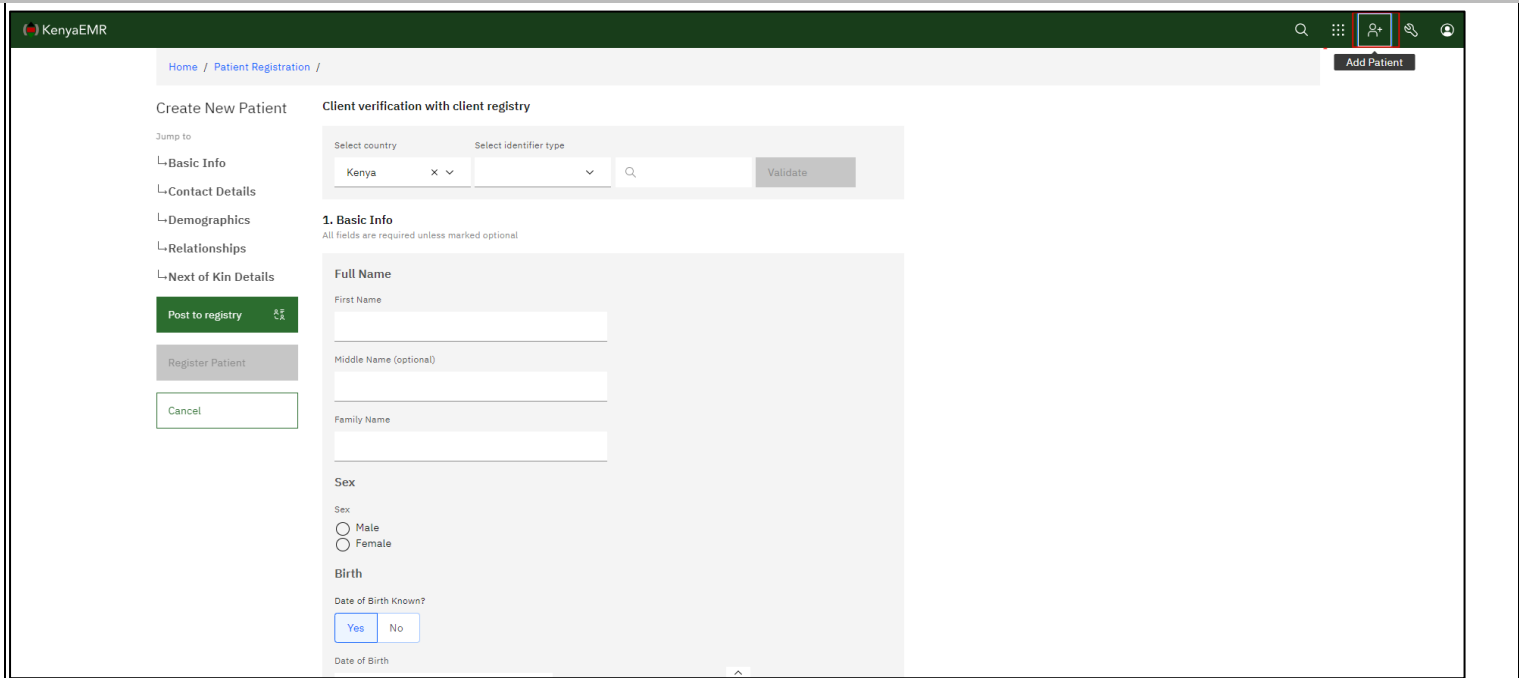
**Step 2**

**To access MCH – Mother Services Module**

If the client **doesn't exist** in the system, click on the **Add patient** icon on the top right of the page to register them in the system.

This will load the patient registration form as shown. Complete the registration and upon saving it will display the patient home page.

**NB:** For comprehensive patient registration guide, refer to '*KenyaEMR Client registration guide*'



KenyaEMR

Home / Patient Registration / Add Patient

Create New Patient

Jump to

- Basic Info
- Contact Details
- Demographics
- Relationships
- Next of Kin Details

Post to registry

Register Patient

Cancel

Client verification with client registry

Select country: Kenya x

Select identifier type: [dropdown]

Validate

**1. Basic Info**  
All fields are required unless marked optional

Full Name

First Name: [input]

Middle Name (optional): [input]

Family Name: [input]

Sex

Sex:  Male  Female

Birth

Date of Birth Known?

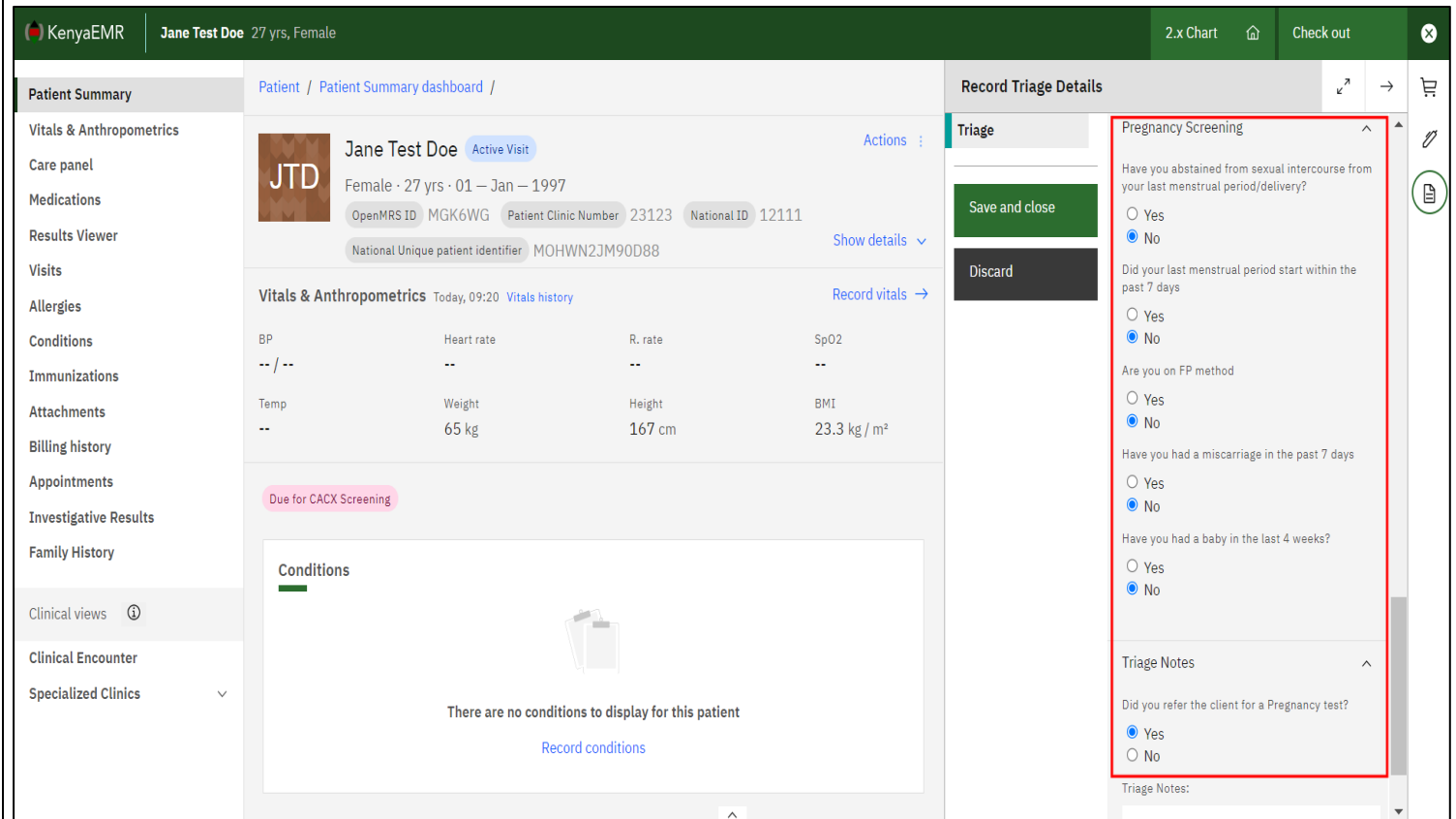
Date of Birth: [input]

**Step 3**

If the client **already exists** in the system, search for the client.

Check the patient in for the visit and Start with the Triage form.

**Pregnancy screening questions** are available in the Triage form to track clients eligible for pregnancy.



**KenyaEMR** | Jane Test Doe 27 yrs, Female | 2.x Chart | Check out

**Patient Summary** | Patient / Patient Summary dashboard /

**Vitals & Anthropometrics**

JTD Jane Test Doe Active Visit

Female · 27 yrs · 01 – Jan – 1997

OpenMRS ID MGK6WG Patient Clinic Number 23123 National ID 12111

National Unique patient identifier MOHWN2JM90D88

**Vitals & Anthropometrics** Today, 09:20 Vitals history Record vitals →

BP	Heart rate	R. rate	SpO2
-- / --	--	--	--
Temp	Weight	Height	BMI
--	65 kg	167 cm	23.3 kg / m <sup>2</sup>

**Conditions**

Due for CACX Screening

There are no conditions to display for this patient

Record conditions

**Record Triage Details**

**Triage**

Save and close

Discard

**Pregnancy Screening**

Have you abstained from sexual intercourse from your last menstrual period/delivery?

Yes

No

Did your last menstrual period start within the past 7 days

Yes

No

Are you on FP method

Yes

No

Have you had a miscarriage in the past 7 days

Yes

No

Have you had a baby in the last 4 weeks?

Yes

No

**Triage Notes**

Did you refer the client for a Pregnancy test?

Yes

No

Triage Notes:

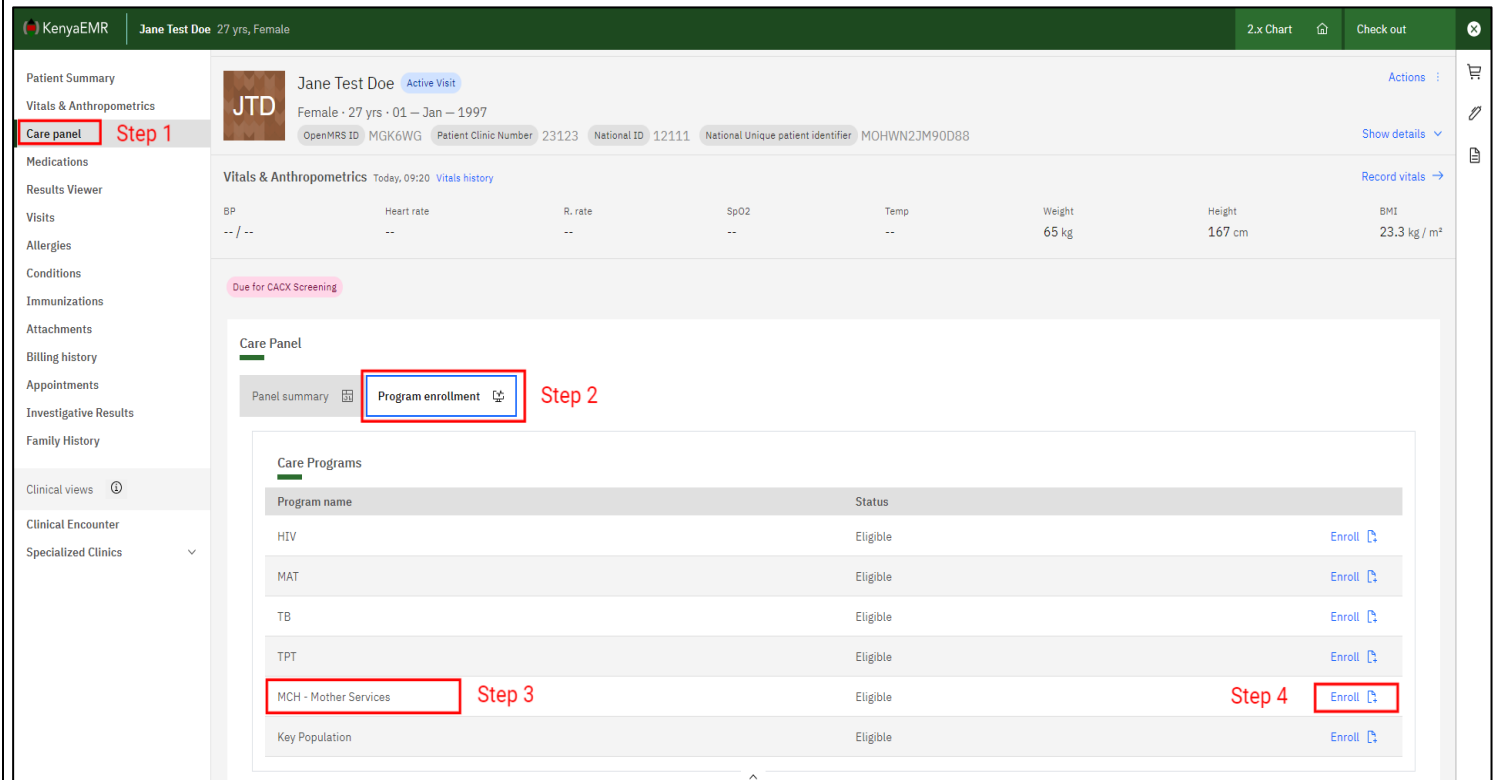
**Step 4** Enrolling Eligible patients to MCH-Mother Services:

**Step 1:** Click on the care panel.

**Step 2:** click on Program enrollment.

**Step 3:** Locate MCH-Mother Services.

**Step 4:** Click on the **Enroll** icon in the **MCH – Mother Services** section.



KenyaEMR | Jane Test Doe 27 yrs, Female | 2.x Chart | Check out

Patient Summary | Jane Test Doe | Active Visit | Actions

Vitals & Anthropometrics | Jane Test Doe | Female - 27 yrs - 01 - Jan - 1997 | Show details

OpenMRS ID: MGK6WG | Patient Clinic Number: 23123 | National ID: 12111 | National Unique patient identifier: MOHWN2JM90D88

Vitals & Anthropometrics Today, 09:20 | Vitals history | Record vitals

BP	Heart rate	R. rate	SpO2	Temp	Weight	Height	BMI
-- / --	--	--	--	--	65 kg	167 cm	23.3 kg / m <sup>2</sup>

Due for CACX Screening

Care Panel

Panel summary | Program enrollment

Care Programs

Program name	Status	Enroll
HIV	Eligible	Enroll
MAT	Eligible	Enroll
TB	Eligible	Enroll
TPT	Eligible	Enroll
MCH - Mother Services	Eligible	Enroll
Key Population	Eligible	Enroll

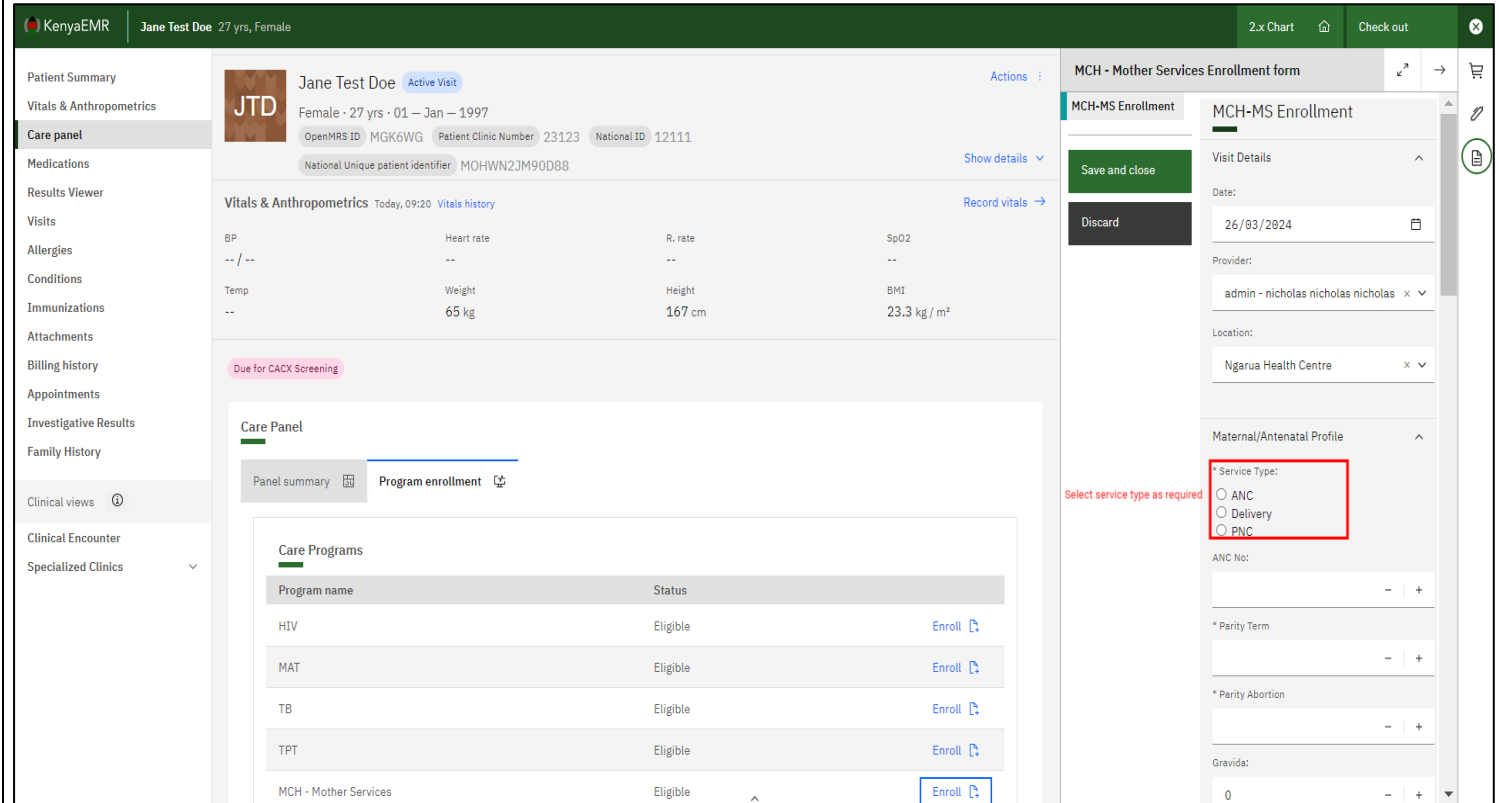
**Step 5**

Once you click on enroll, the system will load the MCH-Mother Enrollment form.

**Visit details** are picked automatically by the system referencing to the user account in use.

Check the radio button to select the appropriate service type as **ANC, Delivery or PNC.**

Select the **enrollment date** using the date picker provided.



The screenshot shows the MCH - Mother Services Enrollment form for Jane Test Doe. The form is divided into several sections:

- Header:** KenyaEMR, Jane Test Doe 27 yrs, Female, 2.x Chart, Check out.
- Patient Summary:** Jane Test Doe (Active Visit), Female - 27 yrs - 01 - Jan - 1997. Includes OpenMRS ID, MGK6WG, Patient Clinic Number (23123), National ID (12111), and National Unique patient identifier (MOHWN2JM90D88).
- Vitals & Anthropometrics:** Today, 09:20. Includes BP, Heart rate, R. rate, SpO2, Temp, Weight (65 kg), Height (167 cm), and BMI (23.3 kg/m<sup>2</sup>).
- Care Panel:** Panel summary and Program enrollment tabs. The Program enrollment tab is active, showing a table of Care Programs:

Program name	Status	Action
HIV	Eligible	Enroll
MAT	Eligible	Enroll
TB	Eligible	Enroll
TPT	Eligible	Enroll
MCH - Mother Services	Eligible	Enroll

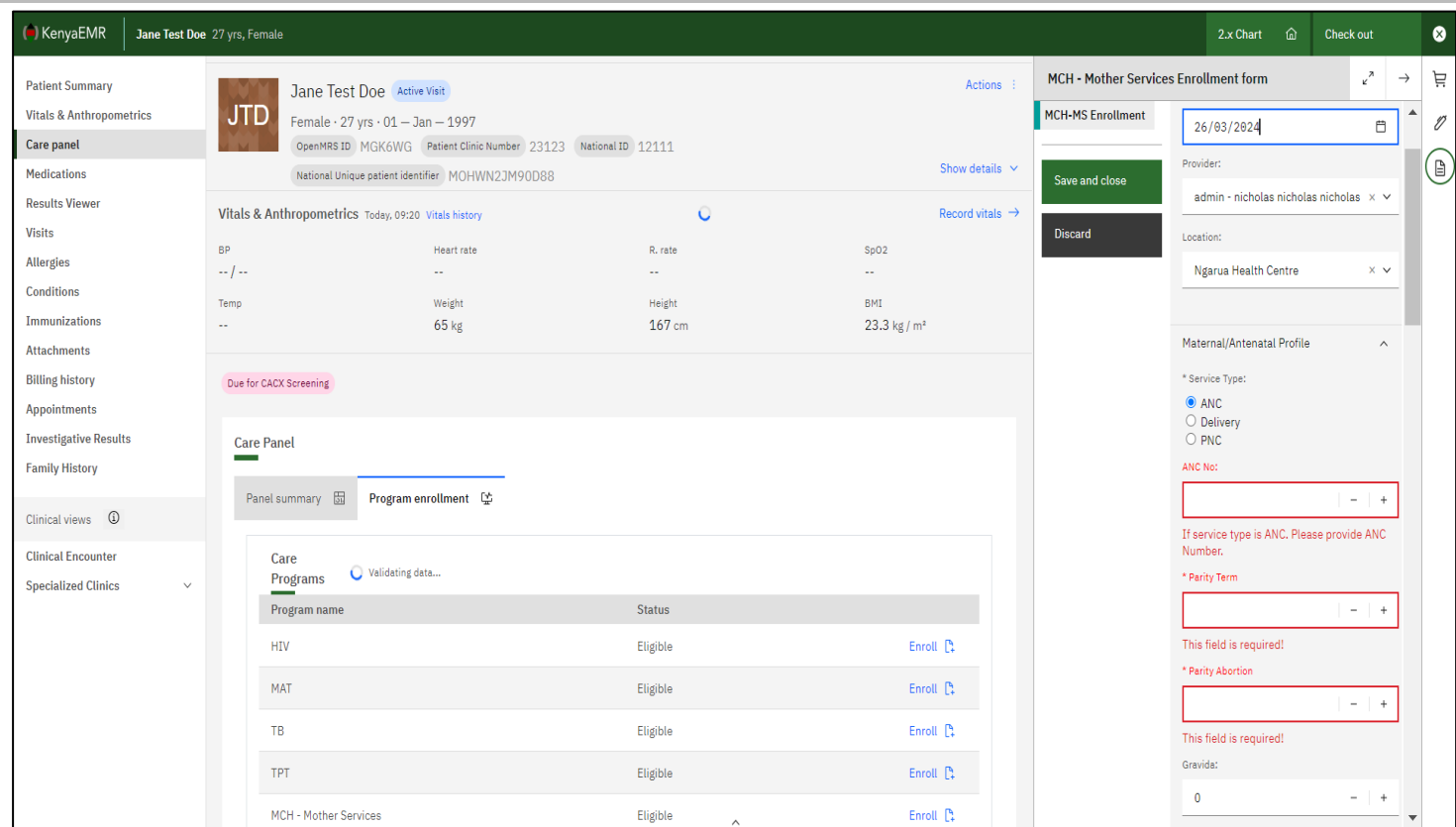
- MCH-MS Enrollment Form:**
  - Save and close** and **Discard** buttons.
  - Visit Details:** Date: 26/03/2024 (with date picker icon).
  - Provider:** admin - nicholas nicholas nicholas.
  - Location:** Ngarua Health Centre.
  - Maternal/Antenatal Profile:**
    - \* Service Type:  ANC,  Delivery,  PNC. (This section is highlighted with a red box in the image, with a red text label "Select service type as required" pointing to it.)
    - ANC No: [input field]
    - \* Parity Term: [input field]
    - \* Parity Abortion: [input field]
    - Gravida: 0

**Step 6**

For ANC Client ensure all mandatory fields as highlighted below are filled.

Please Note that this fields must be filled to save the enrollment record.

When **delivery or PNC** is selected, all fields marked with an asterisk on ANC are no longer mandatory.



The screenshot shows the KenyaEMR interface for a patient named Jane Test Doe. The main form is the 'MCH - Mother Services Enrollment form'. Key fields include:

- Date:** 26/03/2024
- Provider:** admin - nicholas nicholas nicholas
- Location:** Nigaru Health Centre
- Service Type:** ANC (selected), Delivery, PNC
- ANC No:** [Redacted field]
- Parity Term:** [Redacted field]
- Parity Abortion:** [Redacted field]
- Gravida:** 0

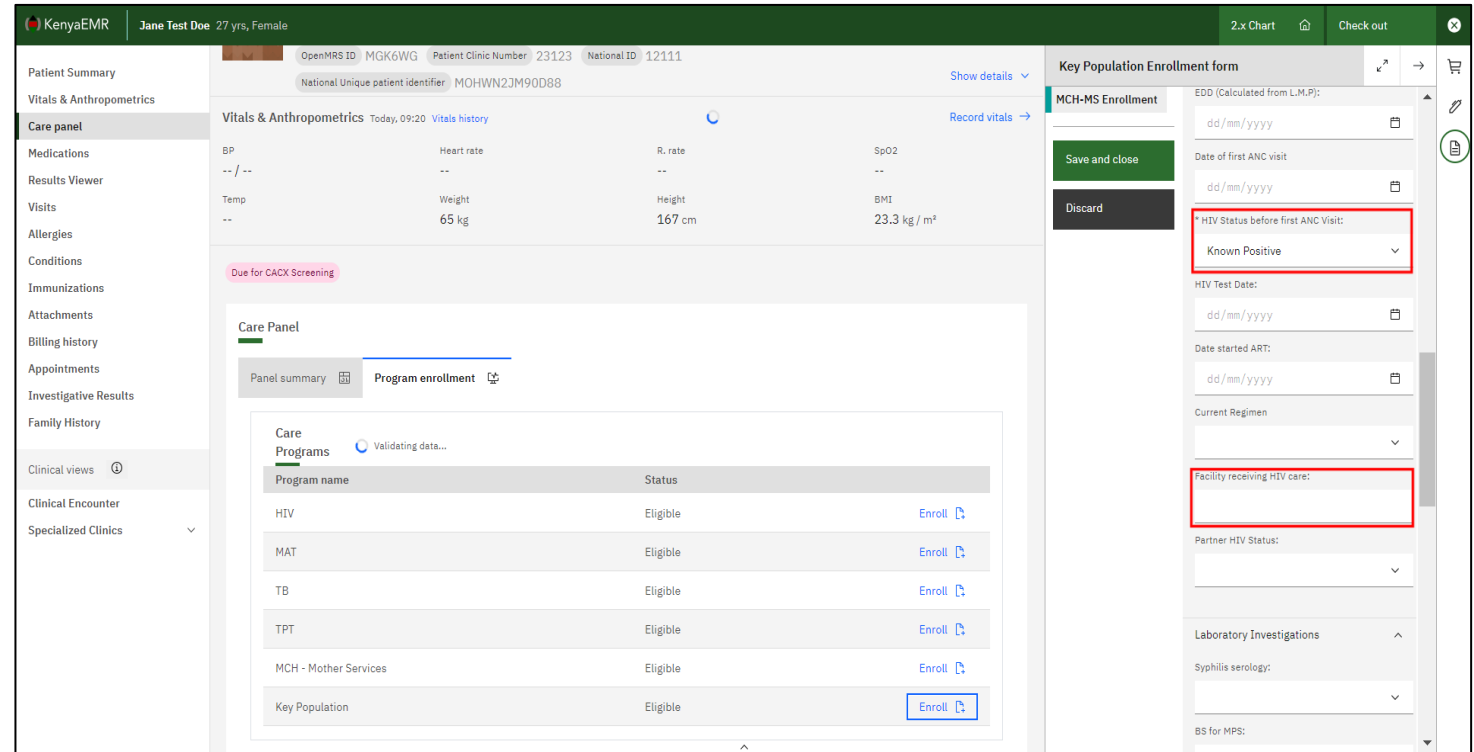
Below the main form, there is a 'Care Panel' section with a table of 'Care Programs':

Program name	Status	Action
HIV	Eligible	Enroll
MAT	Eligible	Enroll
TB	Eligible	Enroll
TPT	Eligible	Enroll
MCH - Mother Services	Eligible	Enroll

**Step 7**

The MCH enrollment form includes the **ART status** for a client coming for ANC services to a facility that is different from where he/she receives the ART services.

If the patient **HIV status is Positive** and they have been enrolled in HIV care at the facility, an alert will be available showing the patient is enrolled in the HIV Program.



The screenshot displays the KenyaEMR interface for a patient named Jane Test Doe, 27 years old, female. The interface is divided into several sections:

- Header:** KenyaEMR, Jane Test Doe 27 yrs, Female, 2.x Chart, Check out.
- Navigation:** OpenMRS ID: MGK6WG, Patient Clinic Number: 23123, National ID: 12111, National Unique patient identifier: MOHWN2JM90D88.
- Left Sidebar:** Patient Summary, Vitals & Anthropometrics, Care panel (selected), Medications, Results Viewer, Visits, Allergies, Conditions, Immunizations, Attachments, Billing history, Appointments, Investigative Results, Family History, Clinical views, Clinical Encounter, Specialized Clinics.
- Main Content Area:**
  - Vitals & Anthropometrics:** Today, 09:20. Fields include BP, Heart rate, R. rate, SpO2, Temp, Weight (65 kg), Height (167 cm), BMI (23.3 kg/m²).
  - Care Panel:** Due for CACX Screening. Includes tabs for Panel summary and Program enrollment.
  - Care Programs Table:**

Program name	Status	Action
HIV	Eligible	Enroll
MAT	Eligible	Enroll
TB	Eligible	Enroll
TPT	Eligible	Enroll
MCH - Mother Services	Eligible	Enroll
Key Population	Eligible	Enroll
- Right Panel: Key Population Enrollment form**
  - MCH-MS Enrollment:** Save and close, Discard.
  - EDD (Calculated from L.M.P):** dd/mm/yyyy
  - Date of first ANC visit:** dd/mm/yyyy
  - \* HIV Status before first ANC Visit:** Known Positive (highlighted with a red box).
  - HIV Test Date:** dd/mm/yyyy
  - Date started ART:** dd/mm/yyyy
  - Current Regimen:** [Dropdown]
  - Facility receiving HIV care:** [Empty field, highlighted with a red box]
  - Partner HIV Status:** [Dropdown]
  - Laboratory Investigations:** Syphilis serology, BS for MPS.

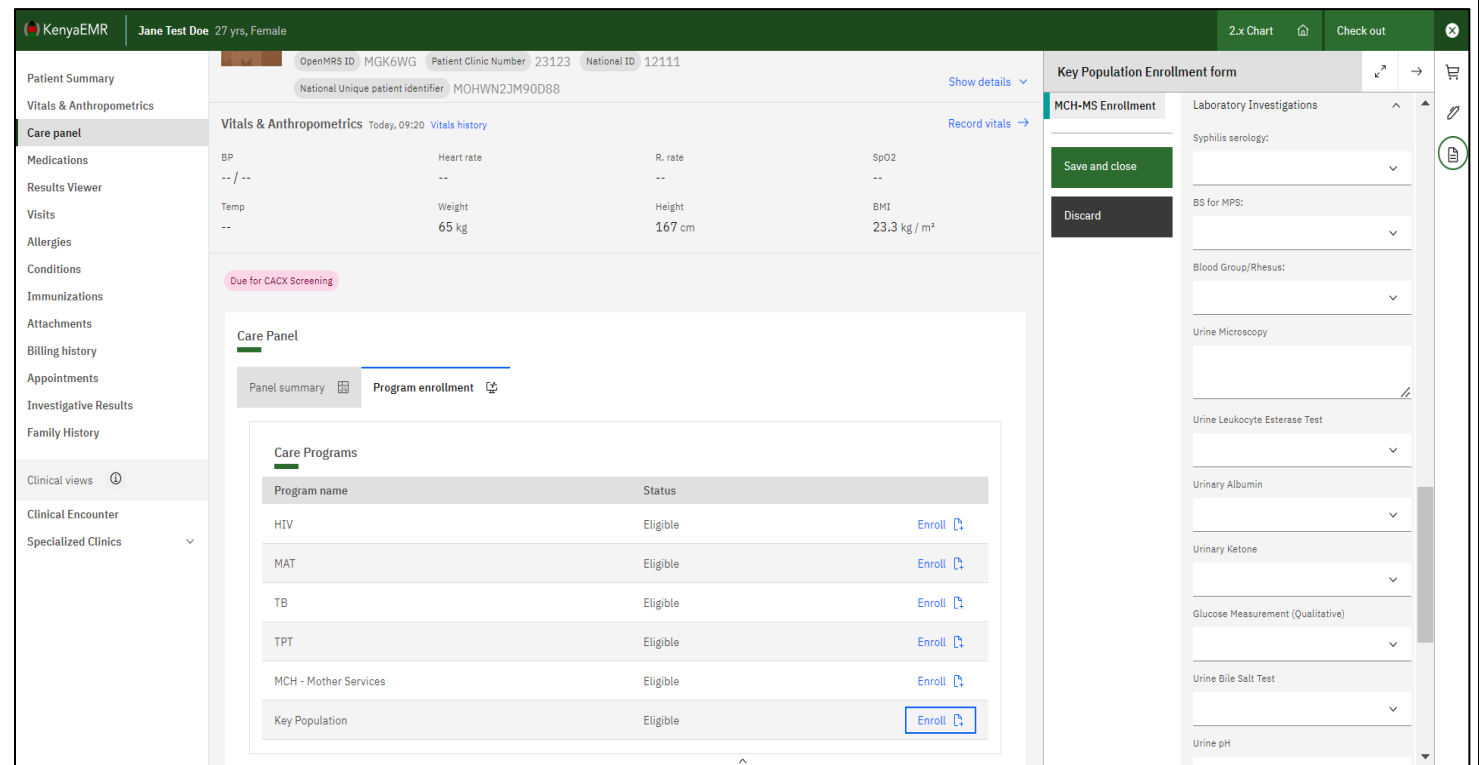


**Step 8**
**Laboratory investigations**

Fill in all the **tests** (if available). If not available at enrollment, they shall be updated in the consecutive visits once they are available using the lab order section.

Upon entry of all available and required data, **Click Save and close**.

If you do not wish to save the form, click **discard**.



**MCH Program enrollment is successfully completed when:**

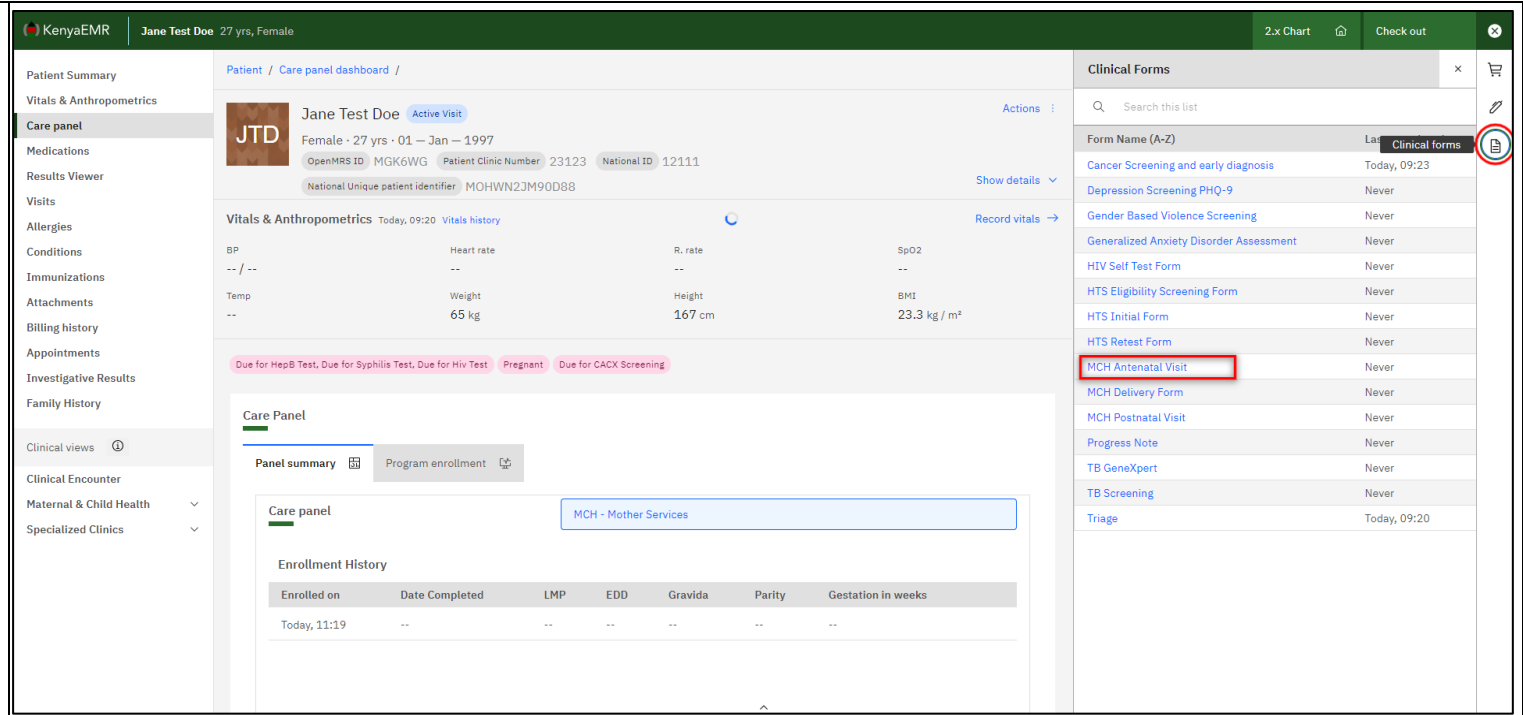
- A summary of enrollment data appears in the MCH – Mother Services section.
- A Discontinue icon appears in the MCH – Mother Services section. On the Care panel under Program enrollment: An MCH Care section appears on the center of the page.
- Antenatal and Postnatal Visit Forms appear under Available Forms

**Step 9**
**Follow up visits Navigation.**

Having enrolled the client in MCH-ANC Service on consecutive visits, click on **Check in for Visit** button to access available forms.

On the top right menu, click on Clinical forms icon as highlighted.

**The MCH Antenatal Visit form** will be available for consecutive visits as highlighted.



**KenyaEMR** Jane Test Doe 27 yrs, Female 2.x Chart Check out

Patient / Care panel dashboard /

**JTD** Jane Test Doe Active Visit Actions

Female · 27 yrs · 01 — Jan — 1997  
 OpenMRS ID: MGK6WG Patient Clinic Number: 23123 National ID: 12111  
 National Unique patient identifier: MOHWN2JM90D88 Show details

**Vitals & Anthropometrics** Today, 09:20 Vitals history Record vitals

BP	Heart rate	R. rate	SpO2
-- / --	--	--	--
Temp	Weight	Height	BMI
--	65 kg	167 cm	23.3 kg / m <sup>2</sup>

Due for HepB Test. Due for Syphilis Test. Due for Hiv Test. Pregnant. Due for CACX Screening

**Care Panel**

Panel summary Program enrollment

Care panel MCH - Mother Services

**Enrollment History**

Enrolled on	Date Completed	LMP	EDD	Gravida	Parity	Gestation in weeks
Today, 11:19	--	--	--	--	--	--

**Clinical Forms**

Form Name (A-Z) Last Clinical forms

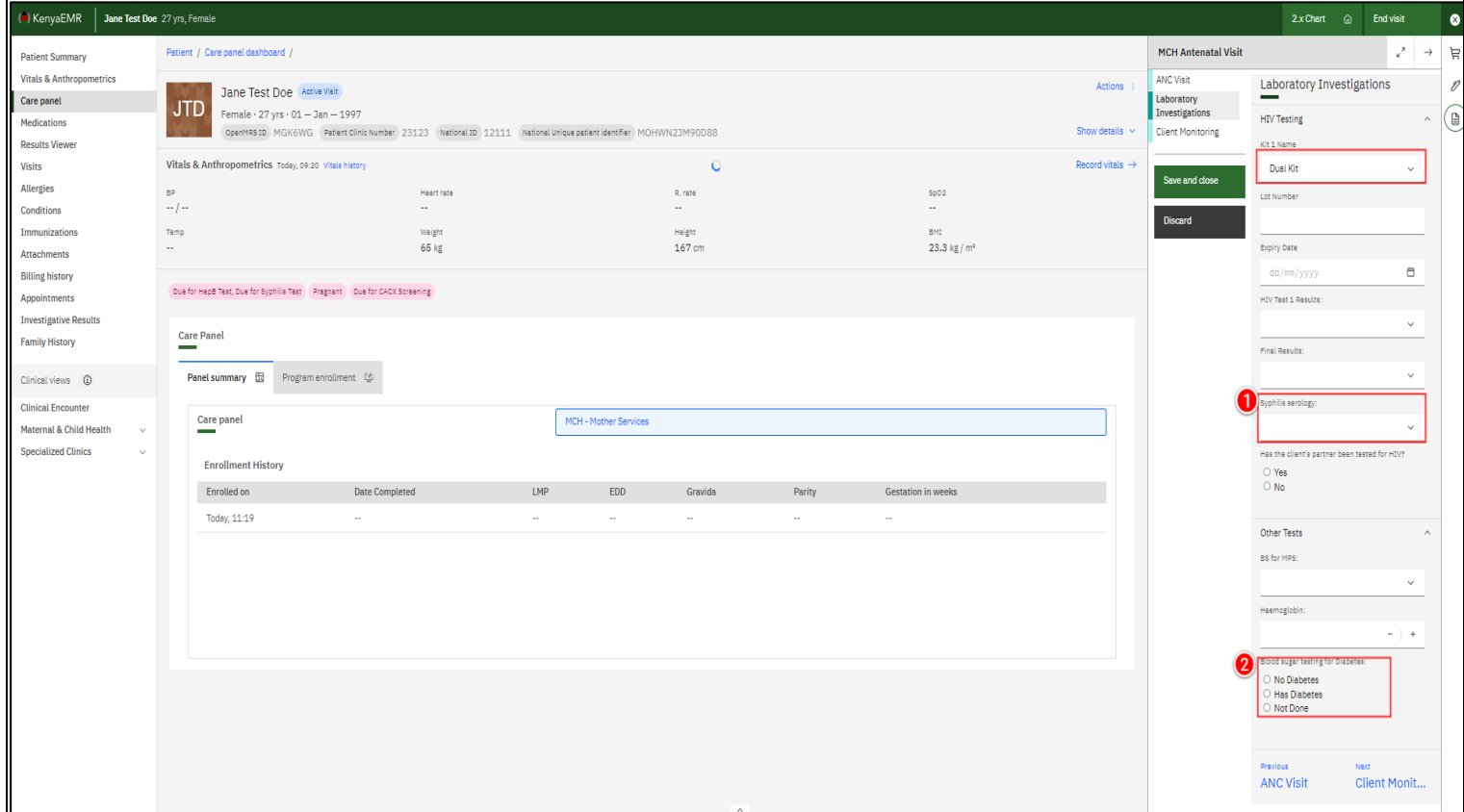
Cancer Screening and early diagnosis	Today, 09:23
Depression Screening PHQ-9	Never
Gender Based Violence Screening	Never
Generalized Anxiety Disorder Assessment	Never
HIV Self Test Form	Never
HTS Eligibility Screening Form	Never
HTS Initial Form	Never
HTS Retest Form	Never
<b>MCH Antenatal Visit</b>	Never
MCH Delivery Form	Never
MCH Postnatal Visit	Never
Progress Note	Never
TB GeneXpert	Never
TB Screening	Never
Triage	Today, 09:20

**Step 10**

**MCH-ANC VISIT Form Key features:**

1. Provision of a variable to record syphilis results which is visible when you select Dual kit for HIV testing.
2. Added diabetes blood sugar test variable.

A flag to show High risk Client for both HIV negative and positive client



**KenyaEMR** Jane Test Doe 27 yrs, Female 2 x Chart End Visit

**Patient Summary** Patient / Care panel dashboard /

**Vitals & Anthropometrics** Today, 09:20 Record vitals →

BP	Heart rate	R. rate	SpO2
-- / --	--	--	--
Temp	Weight	Height	BMI
--	65 kg	167 cm	23.3 kg / m <sup>2</sup>

**Care Panel** MCH - Mother Services

**Enrollment History**

Enrolled on	Date Completed	LMP	EDD	Gravida	Parity	Gestation in weeks
Today, 11:19	--	--	--	--	--	--

**MCH Antenatal Visit**

**Laboratory Investigations**

HIV Testing

Client Monitoring

Save and close

Discard

**1** Syphilis serology:

Has the client's partner been tested for HIV?

Yes

No

**2** Blood sugar testing for diabetes:

No Diabetes

Has Diabetes

Not Done

Previous Next

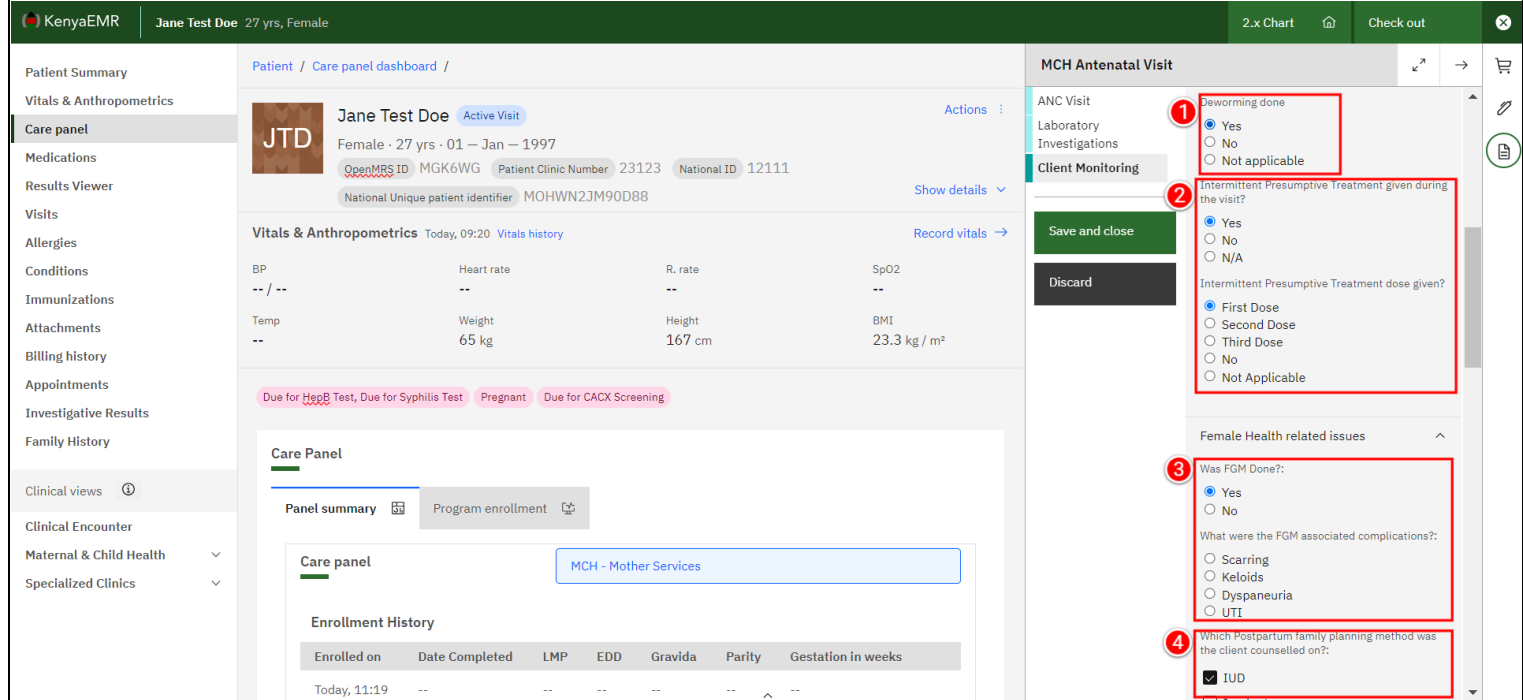
ANC Visit Client Monit...

**Step 11 ANC VISIT Form Key features:**

A package of care is available for the high-risk clients.

**Added variables as highlighted.**

1. Deworming
2. Intermittent presumptive treatment given during the visit.
3. Female genital mutilation.
4. Which postpartum family planning method was the client counselled on.



**KenyaEMR** | Jane Test Doe 27 yrs, Female | 2.x Chart | Check out

**Patient Summary** | Patient / Care panel dashboard /

**JTD** Jane Test Doe **Active Visit** Actions

Female · 27 yrs · 01 — Jan — 1997

OpenMRS ID MGK6WG Patient Clinic Number 23123 National ID 12111

National Unique patient identifier MOHWN2JM90D88 Show details

**Vitals & Anthropometrics** Today, 09:20 Vitals history Record vitals

BP	Heart rate	R. rate	SpO2
-- / --	--	--	--
Temp	Weight	Height	BMI
--	65 kg	167 cm	23.3 kg / m <sup>2</sup>

Due for HepB Test, Due for Syphilis Test Pregnant Due for CACX Screening

**Care Panel**

Panel summary Program enrollment

Care panel MCH - Mother Services

**Enrollment History**

Enrolled on	Date Completed	LMP	EDD	Gravida	Parity	Gestation in weeks
Today, 11:19	--	--	--	--	--	--

**MCH Antenatal Visit**

ANC Visit

Laboratory

Investigations

**Client Monitoring**

1 Deworming done

Yes

No

Not applicable

2 Intermittent Presumptive Treatment given during the visit?

Yes

No

N/A

Intermittent Presumptive Treatment dose given?

First Dose

Second Dose

Third Dose

No

Not Applicable

Female Health related issues

3 Was FGM Done?:

Yes

No

What were the FGM associated complications?:

Scarring

Keloids

Dyspareunia

UTI

4 Which Postpartum family planning method was the client counselled on?:

IUD

Save and close Discard

**THE END**