





MCH CHILD SERVICES

[Last updated: Mar 2024]

| Tasks: | Enroll and manage an infant into the Child Services in the MCH program |
|---------------------|--|
| Objective: | Record MCH Child enrolment data and record care received by HIV exposed infants and facilitate follow up throughout a child's life in the HEI program |
| Required Materials: | Username, password, computer with KenyaEMR 3.x ver 18.7.2 and above, patient name, ID, and/or age |
| Description: | KenyaEMR supports a comprehensive MCH module that supports documentation, tracking and reporting of both mother and Child enrolled in MCH program. This manual outlines how to enroll HEI into MCH – Child program, Document CWC Follow up information, Immunization details and the HEI outcomes. |
| Who: | Doctor, Clinical Officer, Nurse, Health records officer or data clerk |
| | By the end of this session, you will be able to: |
| Learning Obiectives | Successfully log into KenyaEMR |
| | Successfully Register and enter data in MCH Child Services Program |
| | Successfully document all encounters in MCH Child Services |





Step 1: Login to KenyaEMR.

Enter the application server URL system. "[ServerIpAddress:8080/openmrs/spa]" and click on the load button orEnter key from the keyboard. Onsuccessful loading, you should benavigated 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.

| | | Click "Back" to go back if you want | to enter a different username |
|--|---|-------------------------------------|-------------------------------|
| 🏟 KenyaEMR | | 🌔 Keny | aEMR |
| Username | | Password | |
| Admin | | | 0 |
| Continue \rightarrow | | Log in | \rightarrow |
| Enter valid username here and clike Continue | | Enter valid password here a | nd clikc Log In |
| Need help? Contact the site administrator | N | eed help? Contact the site ad | dministrator |

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"







(
 KenvaEMR Step 2: Access the homepage. Add Patient Home / Patient Registration / Client verification with client registry Create New Patient To access MCH – child Services Module -Jump to Select country Select identifier type Find or Create a patient. ⊣Basic Info v Q Kenya × v Gentact Details If the client **doesn't exist** in the system, click on └→Demographics 1. Basic Info the **Add patient** icon on the top right of the All fields are required unless marked optional →Relationships page to register them in the system. →Next of Kin Details Full Name First Name Post to registry This will load the patient registration form as Middle Name (optional) shown. Complete the registration and upon saving it will display the patient home page. Cancel Family Name **NB**: For comprehensive patient registration Sex guide, refer to '*KenyaEMR Client registration* Sex O Male O Female auide' Birth Date of Birth Known? Yes No Date of Birth







Step 3: Create a relationship (If not existing)

It is important to pair the child with the mother or a guardian to achieve paired care provision.

To do this, follow the steps below:

Step 1: On the registration form, click 'Add Relationship'. **Step 2:** Specify the mother / guardian that you intend to pair with this child by searching under **Related Person** as shown. To search, enter any part of the person's name and scan through the list of available persons to identify the correct person. Click on the correct name. **Step 3:** Under **Relationship to patient**, select Parent or Guardian (whichever applies)

Step 4: Proceed with registration and register patient.

If the relationship already exists, skip this process, and proceed to enroll the child in MCH-Child service as shown below.

| Create New Patient 4. Relationships June to 1 Lessie Info Relationship @ L. Contact Details Relationship @ L. Demographics Q. fintname familyname L. Relationship to patient 3 | KenyaEMR | | | |
|---|----------------------|--|---|---|
| L-Basic Info Relationship @ L-Contact Details Q. firstname familyname. L-Demographics Q. firstname familyname. L-Relationships Relationship L-Next of Kin Details Relationship to patient Register Patient 3 ~ Select the relationship between the drop down Add Relationship L-Next of Kin Details Register Patient Cancel News further register (spional) Ports lumber (spional) | Create New Patient | 4. Relationships All fields are required unless marked optional | | |
| LuContact Details Relationship Loberographics Q. Firstname familyname L-Relationships Relationship L-Relationships Relationship to padient Rost to registry 4 Add Relationship Add Relationship Stere of Kin Details Select the relationship between the child the mother/guardian if in HIV care. If the relationship is already created, skip Stere of Kin Details Name (optional) | Gasic Info | Relationship 🖞 | 1 | |
| Cuberographics CQ Histochnie Landgotame LRelationships Relationship LNext of Kin Details Relationship to patient Register Relieft Add Relationship Register Relieft Select the relationship between the child the mother/guardian if in HIV care. If the relationship is already created, skip | Contact Details | Related person | 2 | |
| - Next of Kin Details Post to registry Relationship Relationship Add Relationship to patient Add Relationship Add Relationship Add Relationship Add Relationship Add Relationship Add Relationship Cancel Name (optional) Name (optional) Phone Number (optional) Phone Number (optional) Select the relationship type from the drop down Cancel Select the relationship type from the drop down Add Relationship Add Relationship Select the relationship type from the drop down Relationship < | Demographics | V Histoame Hamiyoame | | Search for Child's Mother/Guardian by name |
| Post to registry 4 Registrir Patient Cancel Next of Kin Details At letids are required unless marked optional Relationship (optional) Relationship (optional) Phone Number (optional) | →Next of Kin Details | Relationship Relationship to patient | 3 | Select the relationship type from the drop down list |
| Register Patient 5. Next of Kin Details If the relationship is already created, skip Cancel Name (optional) Relationship (optional) Relationship (optional) Phone Number (optional) Relationship (optional) | Post to registry 🖏 | Add Relationship | 4 | Click to create a relationship between the child and the mother/guardian if in HIV care. |
| Cancel Name (optional) | Register Patient | 5. Next of Kin Details All fields are required unless marked optional | | of the relationship is already created, skip |
| Relationship (optional) Phone Number (optional) | Cancel | Name (optional) | | |
| Phone Number (optional) | | Relationship (optional) | | |
| | | Phone Number (optional) | | |
| | | | | |







Step 4

The diagram here shows how the Relationship section looks like after successful linking of Child to the mother or guardian. You can edit the relationship by clicking on the Edit icon indicated.

Otherwise click Check-in to at the top right to initialize the services for the day encounter.

| 🖨) KenyaEMR | Jane Test Doe | | | | | 2.x Chart | 奋 | Check in | 8 |
|--|---------------|---|--|--|--|----------------|-----------|--|---|
| Patient Summary | | Patient / Patient Summary dashboard / | | | | | | | Ä |
| Vitals & Anthropomet Care panel Medications | trics | Jane Test Doe Female · 27 yrs · 01 – Jan – 1997 OpenMRS ID MGK6WG Patient Clinic Number | 23123 National ID 12111 National | Unique patient identifier MOHWN23M90D8 | 8 (| [| Edit pati | Actions : | Ø |
| Results Viewer Visits Allergies Conditions Immunizations Attachments Billing history Appointments | | Address Address line 2: Murungaru Primary School address4: Murungaru address5: Murungaru zity: Murungaru jistrict: Nyandarua zitate: Kinangop | Successful relationship created between the Mother and the child | Contact Details Telephone contact: 0720000000 | You can edit th relationship b clicking on the Edit patient details indicate | e y e | Mark de | i ceased | |
| Investigative Results Family History | | Relationships MGK7MX - Jane Baby Child | | Patient Lists (0) | | | | | |
| Clinical views ① Clinical Encounter Maternal & Child Heal Specialized Clinics | lth v | Vitals & Anthropometrics 26-Mar-2024, 09:20 Vitals history SP Heart rate R. ra - / | te SpO2 | Temp Weight 65 kg | He 10 | eight 67 cm | | Record vitals → BMI 23.3 kg / m ² | |
| | | Due for HepB Test Due for C | ACX Screening | | | | | | |
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Step 5: Enroll a Child to MCH -Child Service

Once you have the patient's home page open,

Step 1: Click on the care panel.

Step 2: Click on Program enrollment.

Step 3: Locate MCH-Child Services

Step 4: click on the Enroll icon in the MCH – Child

Services section.

| KenyaEMR Jane Baby D | oe 29 days, Female | 2.x Chart | Check in | 8 |
|--|---|-----------|-----------------------------|---|
| Patient Summary | Home / Patient / Care panel dashboard / | | | Ë |
| ritals & Anthropometrics | JBD JBD JBD Female · 29 days · 27 - Feb - 2024 | | Actions : | 1 |
| ledications lesults Viewer | OpenMRS ID MGK7UK | | Show details $$ | Ξ |
| lisits | Vitals & Anthropometrics No data has been recorded for this patient | | Record vitals \rightarrow | |
| ionditions mmunizations uttachments villing history | Care Panel Panel summary | | | |
| ppointments nvestigative Results | Care Programs | | | |
| amily History | Program name Status | | | |
| linical views | HIV Eligible | Enro | u C. | |
| linical Encounter | TB Eligible | Enro | u C‡ | |
| opecialized Clinics V | TPT Eligible | Enro | a C. | |
| | MCH - Child Services 6 Eligible | Enro | u 🗈 🌖 | |
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Step 6: Enroll Child to MCH -Child Service

Open the MCH Child enrolment form as indicated in

Step 5 above.

Fill in all the details as required in different sections i.e.

- Particulars of the child
- Registration details
- Contact details.
- Special Care
- Exposure history









Cont...

On Section 2, complete all the details under HEI registration details, Mothers Details, Referral Details, Child ARV Prophylaxis, and the Mothers ARV profile.

Click **Save and close** to submit, otherwise click Discard Changes to cancel the submission.









Step 7: Load and Complete CWC Follow Up details. 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 **CWC Follow up form** will be available for consecutive visits as highlighted.

Under the available form, locate the **CWC Follow up form** as highlighted in the diagram.

Click to load the form. Proceed to **Step 7b** below.

| (=) KenyaEMR Jane Baby | oe 29 days, Female | | | 2.x Chart | යි Check o | ıt | 0 |
|---------------------------|---|--------------------|-----------------|---------------------------------|------------|----------|---|
| Patient Summary | Home / Patient / Care panel dashboard / | | | Clinical Forms | | × | È |
| Vitals & Anthropometrics | Jana Bahu Dag (1997) | | Actions i | Q Search this list | | | 1 |
| Care panel | Jane Baby Doe Active Visit | | | | | | |
| Medications | OpenMRS ID MGK7UK HEI ID Number 1 | 2004202498765 | | Commission and early discourse | Las Clinic | al forms | C |
| Results Viewer | CWC Number CWC-15008-08762 | | Show details 🖂 | Clinical Economics | Never | | |
| Visits | | | | Clinical Encounter | Never | | |
| Allergies | Vitals & Anthropometrics No data has been recorded for this | is patient | Record vitals → | Condex Record Violance Secondar | Never | | |
| Conditions | | | | Gender Based Violence Screening | Never | | |
| Immunizations | Care Panel | | | HTV Self Test Form | Never | | |
| Attachments | | | | UTS Initial Form | Never | | |
| Billing history | Panel summary 🛱 Program enrollment 😰 | | | HTS Retest Form | Never | | |
| Appointments | | | | Prodress Note | Never | | |
| Investigative Results | Care panet | H - Child Services | | TB GeneXpert | Never | | |
| Family History | | | | TB Screening | Never | | |
| | Enrollment History | | | Triage | Never | | |
| | Enrolled on Date Complet | ed Entry Point | | - | | | |
| Clinical Encounter | Today, 15:53 | PMTCT | | | | | |
| Maternal & Child Health ~ | | | | | | | |
| Specialized Clinics ~ | | | | | | | |
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Step 7b: Complete the CWC Follow up form.

Access the form as outlined above.

Complete all the required details under all the

categories in section 1 i.e.

- Visit date.
- Age (in Weeks/ Months)
- MUAC
- Infant feeding
- Medication given.
- TB Assessment
- Data of Next appointment









Step 7b Cont...

Under Milestone section, tick all the appropriate

milestones based on your assessment. i.e.

- Development milestones by age
- Achieving milestones
- Weight category
- Types of follow-ups

| 🛑 KenyaEMR | Jane Baby [| loe 29 day | ys, Female | | | | | | | | 2.x Cha | irt 囧 | Check ou | | ⊗ |
|-------------------------|-------------|------------|-----------------------|---|------------------------|------|-------------|---------|----------------------|----------------|---|------------------------|------------|-----|---|
| Patient Summary | | | Female · 29 day | ys • 27 — Feb — 20. GK7UK HEI ID Num | 24 Iber 12004202498 | 8765 | | Chaud | | CWC Follow Up | | | لي لا | " → | Ë |
| Vitals & Anthropome | etrics | | CWC Number C | WC-15008-08762 | | | | Show de | stans v | CWC Follow Up | Milestones | | | ^ 1 | 0 |
| Care panel | | Vitals | s & Anthropometrics N | o data has been recorde | d for this patient | | | Record | vitals \rightarrow | Early Eye | Development Mil | lestones by Ag | (e | | |
| Medications | | | | | | | | | | Deworming | Social Smil | le | | | U |
| Results Viewer | | 6 | ve Benel | | | | | | | | Head Hold | ing/Control | | | |
| Visits | | Ca | are Fanet | | | | | | | Save and close | Turns towa | ards the origi | n of sound | | |
| Allergies | | | Papal summary | Prodram oprollmont | D4: | | | | | | Extends ha | and to grasp | a toy | | |
| Conditions | | | Panet summary by | Program enroument | L'É | | | | | Discard | Sitting | | | | |
| Immunizations | | | Care papel | | | | | | | | Standing | | | | |
| Attachments | | | care paner | | MCH - Child Servic | ces | | | | | U Walking | | | | |
| Billing history | | | | | | | | | | | Talking | | | | |
| Appointments | | | Enrollment History | | | | | | | | Achieving Mileste | ones? | | | |
| Investigative Results | 5 | | Enrolled on | Date C | ompleted | E | Entry Point | | | | Delayed(D) Normal(N) | | | | |
| Family History | | | Today, 15:53 | | | F | мтст | | | | O Regressed | (R) | | | |
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| Clinical views ① | | | | | | | | | | | Underweig Severely Ur | ht(UW) nderweight(S | SUW) | | |
| Clinical Encounter | | | | | | | | | | | O Overweight | t(OW) | , | | |
| Material & Child Use | -lab - va | | | | | | | | | | Obese(0) Normal(N) | | | | |
| Constallant & Child Hea | | | | | | | | | | | Type of followup | | | | |
| Specialized Clinics | ~ | | | | | | | | | | O Marasmus | | | | |
| | | | | | | | | | | | Kwashiorka Mulnutritio | or n | | | |
| | | | | | | | | | | | O Other | | | | |
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Step 7b Cont...

Continue with the documentation for the CWC follow up by completing details under early Eye Examination and Deworming, Other parameters, and the Physical Features.

Include Clinical notes where applicable. This is a free text area.

Click on Save and close to submit.

Please note: The CWC Follow up form should be used for each HEI encounter throughout the child's life in the program until they exit in accordance with the PMTCT guidelines.









Step 8: Recording Child Immunization Details

Child immunization details can be recorded as they happen. The same form will be updated whenever new vaccinations is administered.

To access the form, search for the child using the search icon at the top.

- Click and open the child's profile.
- Check in the child for the visit. Locate immunizations as in the left panel as highlighted.

| Patient Summary // //tals & Anthropometrics // Care panel // Medications // Results Viewer // //isits // Allergies // Conditions // Immunizations // | Home / Patient / Care panel dashboard / Jane Baby Doe Active Visit Female · 29 days · 27 - Feb - 202 OpenMRS ID MGK7UK HEI ID Num Vitals & Anthropometrics No data has been recorde Care Panel | 24 ber 12004202498765 CWC Number CWC-15008-08762 d for this patient | | Actions Show details Record vitals |
|--|---|---|-------------|--|
| Vitals & Anthropometrics Care panel Medications Results Viewer Visits Allergies Conditions Immunizations | Jane Baby Doe Active Visit Female - 29 days - 27 - Feb - 202 OpenMRS ID MGK7UK (HEIID Num Vitals & Anthropometrics No data has been recorde | 24 ber 12004202498765 CWC.Number CWC-15008-08762 d for this patient | | Actions Show details Record vitals |
| are panel tedications tesuits Viewer Visits Ulergies conditions mmunizations | JBD Fernale - 29 days - 27 - Feb - 202 OpenMRS ID MGK7UK HEI ID Num Vitals & Anthropometrics No data has been recorde Care Panel | 24 ber 12004202498765 CWC Number CWC-15008-08762 d for this patient | | Show details Record vitals |
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| suits viewer isits lergies onditions mmunizations | Vitals & Anthropometrics No data has been recorde | d for this patient | | Record vitals |
| Ulergies Conditions mmunizations | Care Panel | | | |
| ionditions mmunizations | Care Panel | | | |
| mmunizations | | | | |
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| Attachments | Panel summary 🖾 Program enrollment | Ψ. | | |
| Billing history | | | | |
| Appointments | Care panel | MCH - Child Services | | |
| nvestigative Results | | | | |
| Family History | Enrollment History | | | |
| linical views ① | Enrolled on | Date Completed | Entry Point | |
| linical Encounter | Today, 15:53 | | PMTCT | |
| faternal & Child Health ∨ | | | | |
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Step 8: Cont...

On the Immunization form, Specify the Vaccination date / time.

Locate the vaccine that is being administered today. (If retrospective, record all the vaccinations and specify respective date of administration).

- Specify the Lot number and the expiry date.
- Specify the dosage and units.
- Set the date given and the date of the next visit.
- Under Vitamin A Sections, Specify the vitamins given and the date.

If fully immunized, set the date the child is given the last vaccine.

Click Save to submit.

Please Note: This form is reused whenever a vaccine or vitamin A Capsules are given throughout the child's life under HEI program.









Step 9: Recording the Child HEI outcomes.

According to the PMTCT guideline, the child should be monitored under HEI program for a period of 18 months after which they exit the program.

On exit, you need to record the child's outcome as follows.

- Search for the child using the search icon.
- Check in the child for the visit and record any relevant information for the day's encounter (i.e., CWC follow up, immunization etc.)
- Click clinical forms as highlighted (1), then search for the Child HEI outcomes as highlighted (2) and click on the form. This will open the HEI exit form shown in the next page.

| 🛑 KenyaEMR | Jane Baby Do | e 29 days | | | | | | | | | 2.x Chart | <u>ن</u> ه | Check out | | 8 |
|-----------------------|--------------|-------------|------------------------|------------------------|----------------------|-------------|----------------|------|---------------|---|-----------|------------|-----------|---|---|
| Patient Summary | | Patient | / Care panel dashboard | / | | | | Clir | nical Forms | | | | | × | Ë |
| Vitals & Anthropomet | rics | 93) | Jane Baby D | OE Active Visit | | | Actions | : Q | child HEI | 2 | | | | × | 0 |
| Care panel | | JB | D Female · 29 day | rs · 27 – Feb – 2024 | 1 | | | For | n Name (A-Z) | | Last o | omplete | d | | |
| Medications | | * 1 | OpenMRS ID MG | K7UK HEI ID Numb | er 12004202498765 | | | Chil | d HEI outcome | 5 | Never | | | | U |
| Results Viewer | | | CWC Number CV | VC-15008-08762 | | | Show details | ~ | | | | | | | 1 |
| Visits | | Maria | 0. Anthony | | | | Received Autom | | | | | | | | |
| Allergies | | Vitals | & Anthropometrics No | data has been recorded | for this patient | | Record vitals | ~ | | | | | | | |
| Conditions | | | | | | | | | | | | | | | |
| Immunizations | | Car | e Panel | | | | | | | | | | | | |
| Attachments | | - | | | | | | | | | | | | | |
| Billing history | | Р | anel summary 📅 🖡 | Program enrollment | 댶 | | | | | | | | | | |
| Appointments | | | | | | | | | | | | | | | |
| Investigative Results | | | Care panel | | MCH - Child Services | | | | | | | | | | |
| Family History | | | | | | | | | | | | | | | |
| | | | Enrollment History | | | | | | | | | | | | |
| Clinical views | | | Enrolled on | Date Co | npleted | Entry Point | | | | | | | | | |
| Clinical Encounter | | | Today, 15:53 | | | PMTCT | | | | | | | | | |
| Maternal & Child Heal | ith ~ | | , | | | | | | | | | | | | |
| Specialized Clinics | \sim | | | | | | | | | | | | | | |
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Step 9: Cont.....

On the Child HEI outcome form, fill in the following

information.

- Exit Date
- HIV Status (Select from the drop-down list provided)
- Exit Criteria (Select)

Confirm the entered information. Click Save and close to submit.

| Patient Summary | | | | | | | |
|-----------------------------|--|-----------------------|-------------|----------------------------|--------------------|----|------------|
| r attent Summary | Patient / Care panel dashboard / | | | Child HEI outcomes | | ۴. | → Ĕ |
| Vitals & Anthropometrics | Jane Baby Doe Active Visit | | Act | tions : Child HEI outcomes | Child HEI outcomes | | Ø |
| Care panel | JBD Female · 29 days · 27 - Feb - 2 | 2024 | | | EINAL OUTCOME | | ~ (|
| Medications | OpenMRS ID MGK7UK HEI ID N | lumber 12004202498765 | | Save and close | Evit Data | | U |
| Visite | CWC Number CWC-15008-0876 | 52 | Show de | Piscard | Lite (me (men) | = | |
| Allergies | Vitals & Anthropometrics No data has been reco | rded for this patient | Record v | ritals → | dd/mm/yyyy | | |
| Conditions | | | | | HIV Status | | |
| Immunizations | Care Panel | | | | Negative | ~ | |
| Attachments | | | | | Exit Criteria | | |
| Billing history | Panel summary 📅 Program enrollme | nt 🔛 | | | | ~ | |
| Appointments | | | | | | | |
| Investigative Results | Care panel | MCH - Child Services | | | | | |
| Family History | Free Harris (1944 and | | | | | | |
| Clinical views | Enrollment History | Completed | Entry Doint | | | | |
| Clinical Encounter | Taday 4552 | completed | Entry Found | | | | |
| Maternal & Child Health 🛛 🗸 | 10day, 13.53 | | PMICI | | | | |
| Specialized Clinics ~ | | | | | | | |
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Step 10: Exit the child from MCH-Child services.

This step allows a user to discontinue a child from

MCH-Child services.

- While on the client profile, click on the care panel as highlighted.
- Then click on the 'Panel summary' as shown.
- Under the enrollment history, at the far right click on the action icon highlighted to see the 'Discontinue' button.
- On the form, specify the discontinuation date.
- Specify reason for discontinuation (Select from a list)
- Click 'Save and close' to submit.

Please note: This action is performed as the last operation since it completely exits the child from the CWC service and therefore disallows any other CWC related encounter to be captured for this child.









Successful MCH-Child service discontinuation

The following diagrams show how the MCH-Child service section, looks like after a successful service discontinuation.

It also shows some information about the enrollment date, entry point and the completed date.

The Discontinue button has now changed to Enroll.

This information will be retained long after the child exists.

Please note: If the outcome is HIV positive and the child must receive HIV care in the same facility, you proceed and KenyaEMR enroll the patient in HIV Service.

ONOT CREATE A FRESH REGISTRATION

