

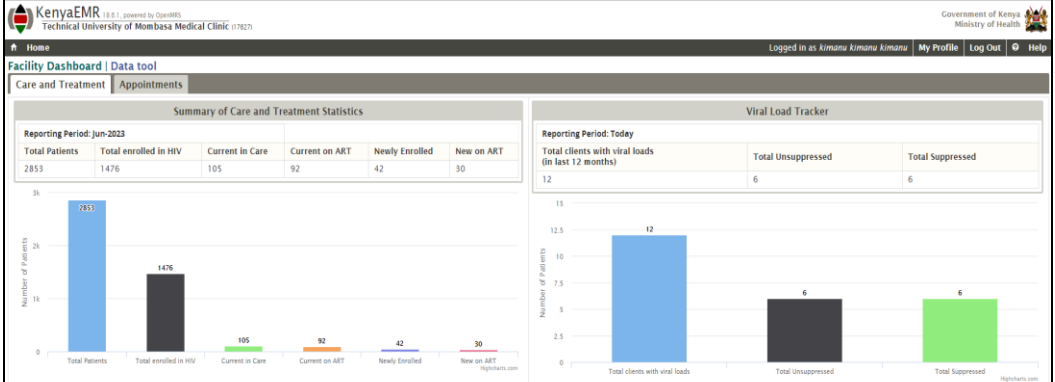
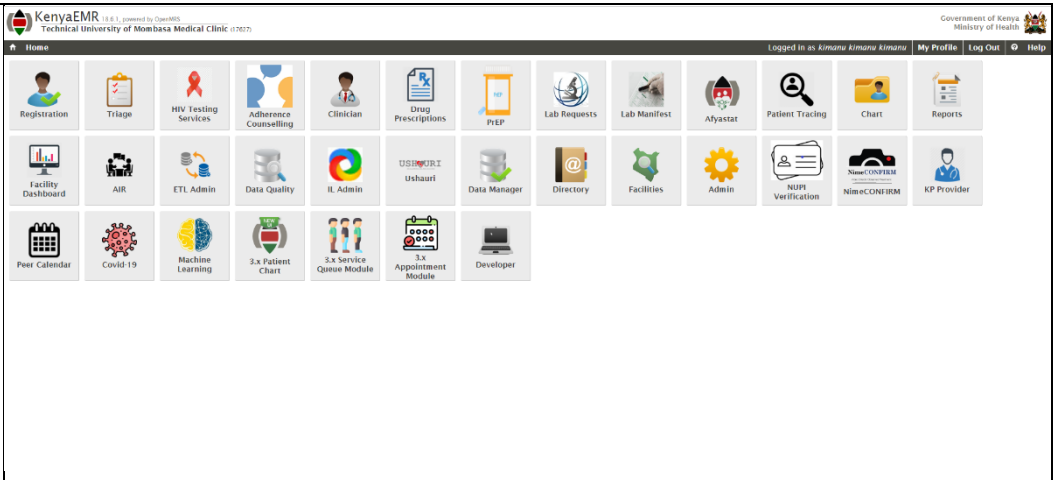
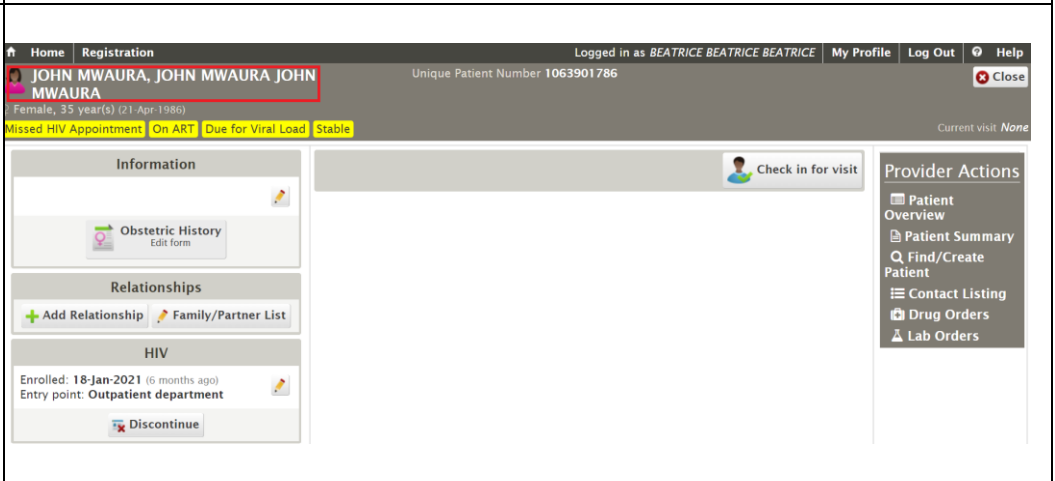


KenyaEMR Full Lab Order Job Aid

Tasks:	End to end navigation of full lab order module
Objective:	To navigate full lab order workflow and provide necessary lab services using the module
Who:	Healthcare providers, Counselors, Peer Educators
Required Materials:	Functional KenyaEMR
Version:	KenyaEMR Version 18.6.1 and above
Last Updated:	18 th July 2023

Step	Action	Screen shots
Introduction	This document provides detailed workflow of the full lab order module in KenyaEMR system. The guide is accompanied by relevant screenshot images for illustration purposes.	
Learning Objectives	By the end of this session, you will be able to: <ul style="list-style-type: none"> • Successfully log into KenyaEMR • Order lab test for all clients. • Record lab test results. • Record lab reasons • Review previous lab orders 	

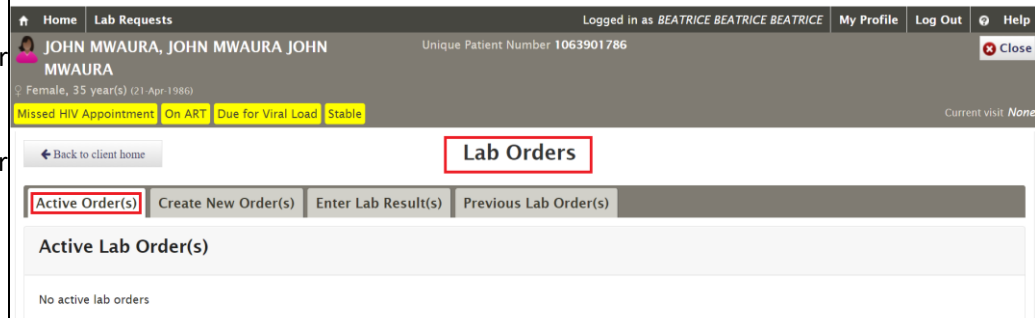
<p>Log into KenyaEMR</p>	<p>The user is required to gain access into KenyaEMR system by supplying correct username and password.</p> <ul style="list-style-type: none"> - Enter Username - Enter Password - Click "Login" 																												
<p>KenyaEMR landing page</p>	<p>After a successful login, the KenyaEMR landing page (Dashboard) will be opened.</p>	 <p>Summary of Care and Treatment Statistics</p> <table border="1"> <thead> <tr> <th colspan="6">Reporting Period: Jun-2023</th> </tr> <tr> <th>Total Patients</th> <th>Total enrolled in HIV</th> <th>Current in Care</th> <th>Current on ART</th> <th>Newly Enrolled</th> <th>New on ART</th> </tr> </thead> <tbody> <tr> <td>2853</td> <td>1476</td> <td>105</td> <td>92</td> <td>42</td> <td>30</td> </tr> </tbody> </table> <p>Viral Load Tracker</p> <table border="1"> <thead> <tr> <th colspan="3">Reporting Period: Today</th> </tr> <tr> <th>Total clients with viral loads (in last 12 months)</th> <th>Total Unsuppressed</th> <th>Total Suppressed</th> </tr> </thead> <tbody> <tr> <td>12</td> <td>6</td> <td>6</td> </tr> </tbody> </table>	Reporting Period: Jun-2023						Total Patients	Total enrolled in HIV	Current in Care	Current on ART	Newly Enrolled	New on ART	2853	1476	105	92	42	30	Reporting Period: Today			Total clients with viral loads (in last 12 months)	Total Unsuppressed	Total Suppressed	12	6	6
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<p>Lab Request Module</p>	<p>Confirm KenyaEMR displays Lab requests in the modules page for performing full lab order.</p>	 <p>The screenshot shows the KenyaEMR Home page. At the top, it says 'KenyaEMR 18.6.1, powered by OpenMRS' and 'Technical University of Mombasa Medical Clinic (7267)'. The user is logged in as 'Kimsara Aimanu Kimsara'. The dashboard features a grid of 24 application icons, including Registration, Triage, HIV Testing Services, Adherence Counselling, Clinician, Drug Prescriptions, PEP, Lab Requests, Lab Manifest, Atyastat, Patient Tracing, Chart, Reports, Facility Dashboard, AIR, ETL Admin, Data Quality, IL Admin, Ushauri, Data Manager, Directory, Facilities, Admin, NIFI Verification, NimeCONFERM, KP Provider, Peer Calendar, Covid-19, Machine Learning, S.A Patient Chart, S.X Service Queue Module, Appointment Module, and Developer.</p>
<p>Searching for client</p>	<p>Step 3: Search for client that requires lab services.</p> <ul style="list-style-type: none"> From Registration module, find client that requires lab services. Select the client's name to make it active record 	 <p>The screenshot shows the patient profile for 'JOHN MWAURA, JOHN MWAURA JOHN MWAURA'. The patient is 35 years old, female, and was enrolled on 18-Jan-2021 at the Outpatient department. The profile includes sections for Information (with an 'Obstetric History' edit form), Relationships (with an 'Add Relationship' button and 'Family/Partner List'), and HIV status (enrolled 18-Jan-2021, 6 months ago). On the right, there are 'Provider Actions' such as Patient Overview, Patient Summary, Find/Create Patient, Contact Listing, Drug Orders, and Lab Orders. The current visit is noted as 'None'.</p>

Open client record in Lab Requests

Open client record in Lab requests

- With client record active, Click Lab Orders under Provider actions or Click **(Home, Lab Requests)**
- Lab Orders module opens showing four lab order tabs.
 1. Active orders
 2. Create New Orders
 3. Enter Lab Results
 4. Previous Lab Order
- Note: For chosen client, confirm active orders and previous lab orders before proceeding to record new order



Home Lab Requests Logged in as BEATRICE BEATRICE BEATRICE My Profile Log Out Help

JOHN MWAURA, JOHN MWAURA JOHN Unique Patient Number 1063901786 Close

MWAURA
Female, 35 year(s) (21-Apr-1986)

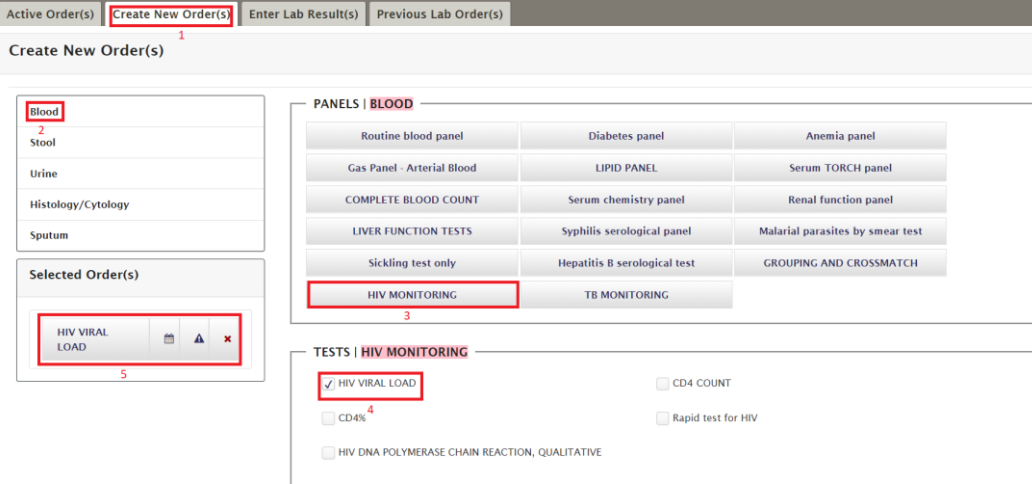
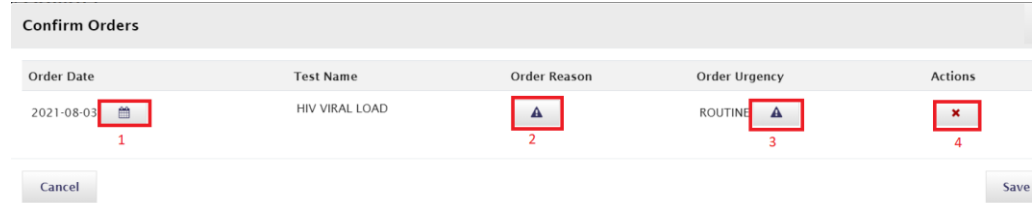
Missed HIV Appointment On ART Due for Viral Load Stable Current visit: None

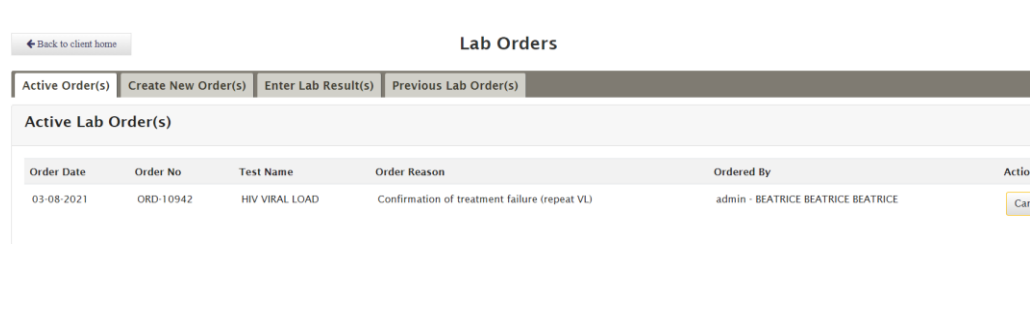

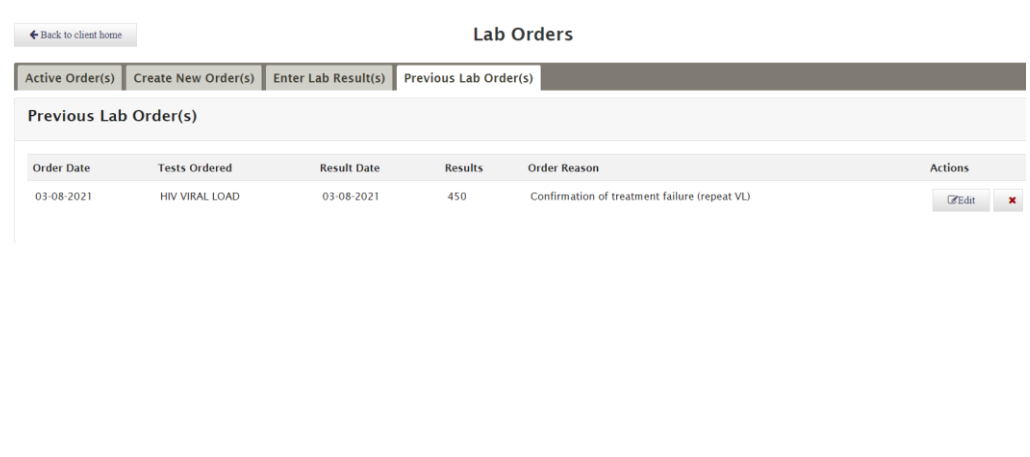
Back to client home **Lab Orders**

Active Order(s) Create New Order(s) Enter Lab Result(s) Previous Lab Order(s)

Active Lab Order(s)

No active lab orders

<p>Create new lab order</p>	<p>To create new lab order;</p> <ol style="list-style-type: none"> 1. Select new lab order tab 2. Select lab test category 3. Select Panel option under the chosen category 4. Choose the lab test from among panel options 5. Selected lab tests appear under selected orders 6. Click to Confirm lab order <p>Note: To order multiple lab tests, repeat steps 3,4,5 respectively</p>	 <p>The screenshot shows the 'Create New Order(s)' interface. At the top, there are tabs: 'Active Order(s)', 'Create New Order(s)' (highlighted with a red box and '1'), 'Enter Lab Result(s)', and 'Previous Lab Order(s)'. Below the tabs, there is a 'Create New Order(s)' section. On the left, a list of categories includes 'Blood' (highlighted with a red box and '2'), 'Stool', 'Urine', 'Histology/Cytology', and 'Sputum'. Below this is a 'Selected Order(s)' section showing 'HIV VIRAL LOAD' (highlighted with a red box and '5'). On the right, there are 'PANELS BLOOD' and 'TESTS HIV MONITORING'. The 'PANELS BLOOD' section contains a grid of panels: 'Routine blood panel', 'Diabetes panel', 'Anemia panel', 'Gas Panel - Arterial Blood', 'LIPID PANEL', 'Serum TORCH panel', 'COMPLETE BLOOD COUNT', 'Serum chemistry panel', 'Renal function panel', 'LIVER FUNCTION TESTS', 'Syphilis serological panel', 'Malarial parasites by smear test', 'Sickling test only', 'Hepatitis B serological test', and 'GROUPING AND CROSSMATCH'. The 'TESTS HIV MONITORING' section has checkboxes for 'HIV VIRAL LOAD' (checked and highlighted with a red box and '3'), 'CD4 COUNT', 'CD4%' (highlighted with a red box and '4'), 'Rapid test for HIV', and 'HIV DNA POLYMERASE CHAIN REACTION, QUALITATIVE'.</p>
<p>Lab order form</p>	<p>Lab order form appears for detail confirmation thus</p> <ol style="list-style-type: none"> 1. Change Order Date, else leave on default date 2. Click on Order Reason to choose from drop-down list pre-recorded 3. Choose order priority if different from Routine <p>To delete current order, click 'X' under Action else click to save the order</p>	 <p>The screenshot shows the 'Confirm Orders' interface. It features a table with the following columns: 'Order Date', 'Test Name', 'Order Reason', 'Order Urgency', and 'Actions'. The table contains one row: '2021-08-03' (highlighted with a red box and '1'), 'HIV VIRAL LOAD', 'ROUTINE' (highlighted with a red box and '2'), and 'ROUTINE' (highlighted with a red box and '3'). The 'Actions' column for this row contains a red 'X' icon (highlighted with a red box and '4'). Below the table are 'Cancel' and 'Save' buttons.</p>

<p>Active lab orders</p>	<p>Active lab order update</p> <ul style="list-style-type: none"> Created lab order populates on the active orders page, OR Simultaneously lab order is redirected to client Lab Information System (LIS) via interoperability layer To remove created active order Click 'Cancel' button, provide reason for cancellation, and Save 	 <p>The screenshot shows the 'Lab Orders' interface with the 'Active Lab Order(s)' tab selected. A table lists an active order for HIV VIRAL LOAD on 03-08-2021, ordered by admin - BEATRICE BEATRICE BEATRICE. A 'Cancel' button is visible in the Actions column.</p>
<p>Entering lab results</p>	<p>Steps for entering lab results</p> <ol style="list-style-type: none"> Click Enter Lab result tabs Input test results on the field/s (as appropriate) Click Calendar menu to select results date <ul style="list-style-type: none"> Click save to fill/submit test results 	 <p>The screenshot shows the 'Lab Orders' interface with the 'Enter Lab Result(s)' tab selected. It displays 'HIV viral load: (03-08-2021)' and 'LDL' with a text input field containing '450'. A calendar icon is highlighted, and a 'Save' button is visible in the bottom right corner.</p>
<p>Previous lab results</p>	<p>Once lab results are entered and saved successfully, the order moves to 'historic' Previous lab orders tab</p>	 <p>The screenshot shows the 'Lab Orders' interface with the 'Previous Lab Order(s)' tab selected. A table lists a previous order for HIV VIRAL LOAD on 03-08-2021, with results of 450. The Actions column includes 'Edit' and 'Delete' buttons.</p>