
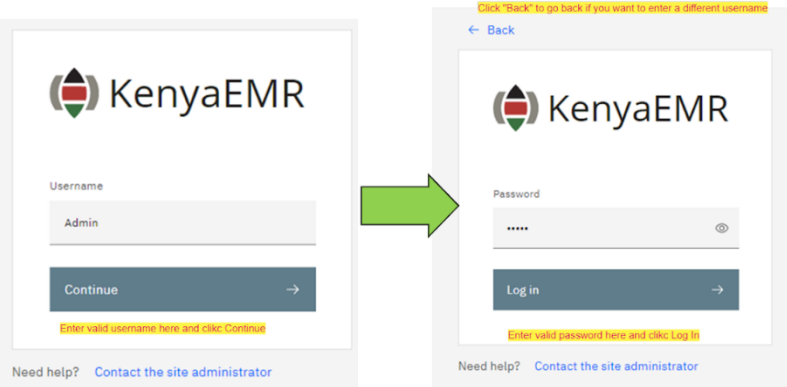



## How to Record Vitals in KenyaEMR

<b>Tasks:</b>	To Record vitals on OpenMRS 3.x
<b>Objective:</b>	Submit KenyaEMR Triage Form
<b>Who:</b>	EMR user/Triage Nurse/Clinician
<b>Required Materials:</b>	Username, password, computer installed with KenyaEMR latest version
<b>Version:</b>	KenyaEMR Version 3.x (18.7.2)
<b>Last Updated:</b>	March 2024

Step	Action	Screen shots
<b>Introduction</b>	<p>This document provides a detailed workflow on how to Record vitals in the KenyaEMR 3.x system. The guide is accompanied by relevant screenshot images for illustration purposes.</p>	

<p><b>Log into KenyaEMR</b></p>	<p>The user is required to gain access into the KenyaEMR system by supplying correct username and password.</p> <ul style="list-style-type: none"> <li>- Enter Username</li> <li>- Enter Password</li> <li>- Click <b>“Login”</b></li> </ul>	 <p><b>NB:</b> 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"</p>																																										
<p><b>KenyaEMR landing page</b></p>	<p>After a successful login, the KenyaEMR landing page (Active visits) will be opened. Click Home to navigate to the KenyaEMR Homepage.</p>	 <table border="1"> <thead> <tr> <th>Visit Time</th> <th>ID Number</th> <th>Name</th> <th>Gender</th> <th>Age</th> <th>Visit Type</th> </tr> </thead> <tbody> <tr> <td>Today, 10:00</td> <td>MGK6WG</td> <td>Jane Test Doe</td> <td>F</td> <td>26</td> <td>Outpatient</td> </tr> <tr> <td>Today, 09:49</td> <td>MGG6UV</td> <td>Kimonye Kimonye Kimonye</td> <td>F</td> <td>58</td> <td>Outpatient</td> </tr> <tr> <td>Today, 09:18</td> <td>MGK7GF</td> <td>Test Violet Violet</td> <td>F</td> <td>34</td> <td>Outpatient</td> </tr> <tr> <td>20-Mar-2024, 16:08</td> <td>MGK69W</td> <td>Nyandi PT EMR</td> <td>M</td> <td>24</td> <td>Outpatient</td> </tr> <tr> <td>20-Mar-2024, 15:25</td> <td>MGK63A</td> <td>Dorine Akiinyi Onyango</td> <td>F</td> <td>34</td> <td>Outpatient</td> </tr> <tr> <td>20-Mar-2024, 15:23</td> <td>MGK4WH</td> <td>Newton LAWI Isack</td> <td>M</td> <td>31</td> <td>Outpatient</td> </tr> </tbody> </table>	Visit Time	ID Number	Name	Gender	Age	Visit Type	Today, 10:00	MGK6WG	Jane Test Doe	F	26	Outpatient	Today, 09:49	MGG6UV	Kimonye Kimonye Kimonye	F	58	Outpatient	Today, 09:18	MGK7GF	Test Violet Violet	F	34	Outpatient	20-Mar-2024, 16:08	MGK69W	Nyandi PT EMR	M	24	Outpatient	20-Mar-2024, 15:25	MGK63A	Dorine Akiinyi Onyango	F	34	Outpatient	20-Mar-2024, 15:23	MGK4WH	Newton LAWI Isack	M	31	Outpatient
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### Locating the Triage Form

- From the landing page, select the client of interest from the active line list.
- If a client is not available on the active line list, proceed to search for a client. **(refer to the search procedure)**
- Upon successful search, **select** the client's name and **check in** to start a visit. **(Refer to the check in guide)**

Active Visits

Filter table

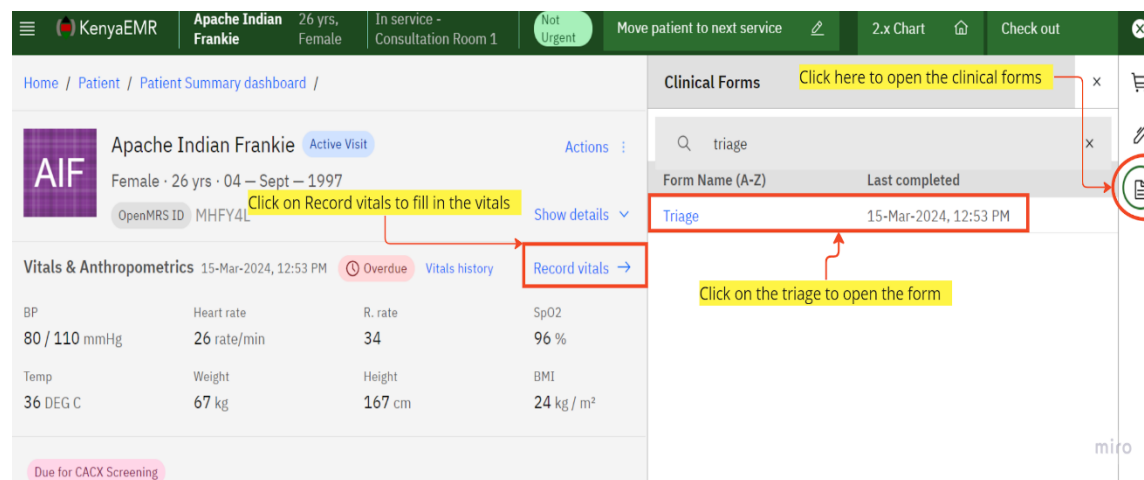
Visit Time	ID Number	Name	Gender	Age	Visit Type
Today, 16:23	MGFKEJ	Maringich Maringich Maringich	M	18	Outpatient
20-Mar-2024, 17:21	MGK67Y	my email Gmail	F	24	Outpatient
20-Mar-2024, 16:08	MGK69W	Nyandi PT EMR	M	24	Outpatient
20-Mar-2024, 15:34	MGK647	Rose Awino James	F	27	Outpatient
20-Mar-2024, 15:25	MGK4VK	hesbon atieno atieno	M	31	Outpatient
20-Mar-2024, 15:25	MGK63A	Dorine Akiinyi Onyango	F	34	Outpatient
20-Mar-2024, 15:23	MGK4WH	Newton LAWI Isack	M	31	Outpatient

**Open the Triage form and Recording vitals**

After checking-in the client, proceed to click on the **'Record vitals'** linkage on the patient profile (as highlighted) and open the Triage form.

Or after checking-in the client Navigate to the right panel, click on the clinical forms to open the forms, then search for the triage form on the search field.

Click on the Triage form to record the vitals.



The screenshot shows the patient profile for Apache Indian Frankie. The 'Record vitals' link is highlighted with a red box and a yellow callout: "Click on Record vitals to fill in the vitals". The 'Clinical Forms' panel on the right shows a search for 'triage' with the 'Triage' form listed and highlighted by a red box and a yellow callout: "Click on the triage to open the form".

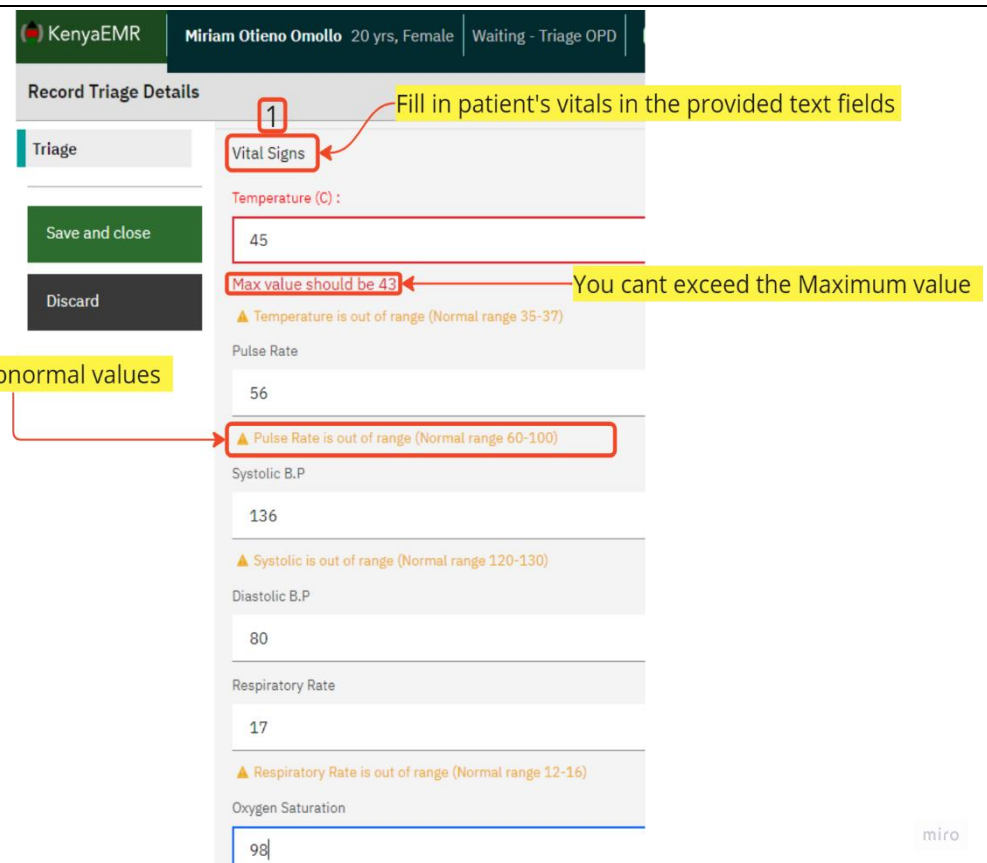
Vitals & Anthropometrics			
15-Mar-2024, 12:53 PM <span>Overdue</span> <a href="#">Vitals history</a> <a href="#">Record vitals</a>			
BP	Heart rate	R. rate	SpO2
80 / 110 mmHg	26 rate/min	34	96 %
Temp	Weight	Height	BMI
36 DEG C	67 kg	167 cm	24 kg / m <sup>2</sup>

## Recording Vitals

### 1. Fill in the Vital signs i.e

- Enter Patient's Temperature in degree Celsius (Numeric)
- Record Heart (Pulse) rate(bpm) in numeric.
- Enter blood pressure in mmHg, record systolic and Diastolic.
- Enter Oxygen saturation in percentage.

**Note:** You will be alerted if abnormal value is entered  
One can't save the form if the values are above maximum or Value is below minimum value.



KenyaEMR | Miriam Otieno Omollo | 20 yrs, Female | Waiting - Triage OPD

Record Triage Details

Triage

Save and close

Discard

Vital Signs

Temperature (C) :

45

Max value should be 43

Temperature is out of range (Normal range 35-37)

Pulse Rate

56

Pulse Rate is out of range (Normal range 60-100)

Systolic B.P

136

Systolic is out of range (Normal range 120-130)

Diastolic B.P

80

Respiratory Rate

17

Respiratory Rate is out of range (Normal range 12-16)

Oxygen Saturation

98

Fill in patient's vitals in the provided text fields

You cant exceed the Maximum value

An alert for abnormal values

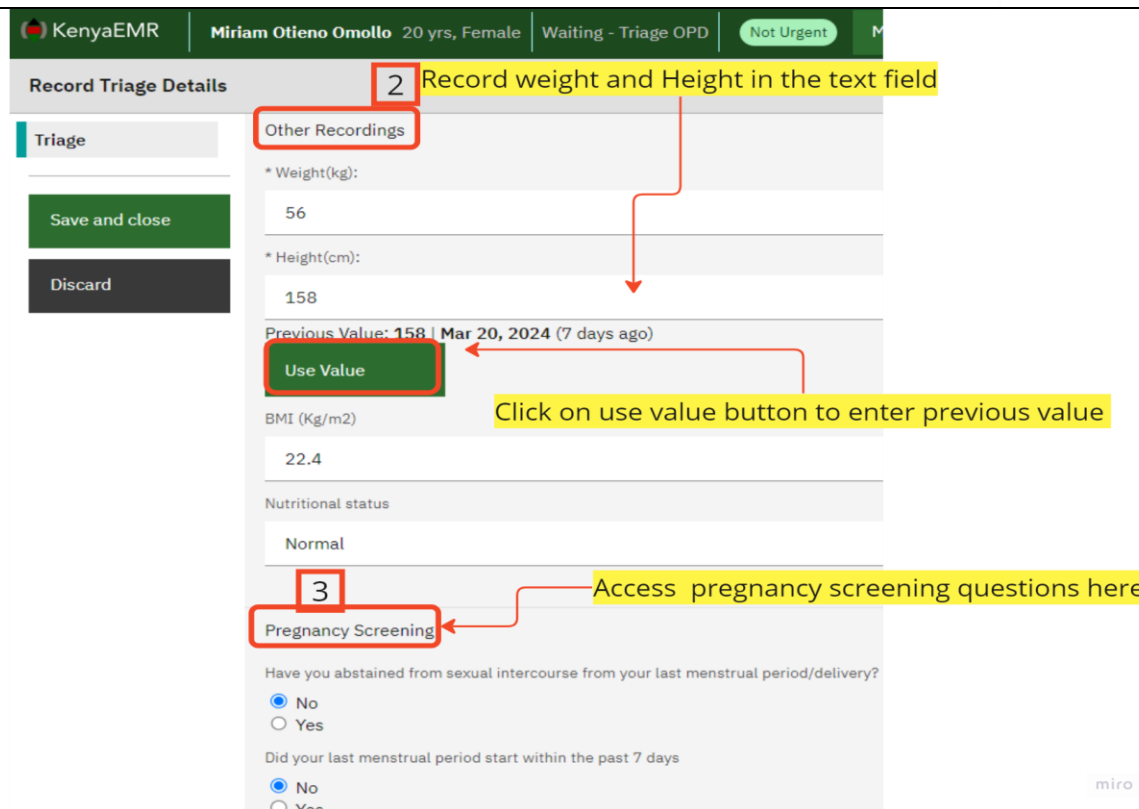
## Recording Anthropometrics

### 2. Anthropometrics and other Recordings

- Record Weight(kg) and Height(cm) in Numeric
- N/B; You can use the previous value for Height.
- BMI (kg/m<sup>2</sup>) is auto calculated.
- Nutritional status is being auto populated.

### 3. Do pregnancy screening if eligible.

**NB:** *This is only availed for women.*



KenyaEMR | Miriam Otieno Omollo | 20 yrs, Female | Waiting - Triage OPD | Not Urgent

Record Triage Details

2 Record weight and Height in the text field

Other Recordings

\* Weight(kg): 56

\* Height(cm): 158

Previous Value: 158 | Mar 20, 2024 (7 days ago)

Use Value

Click on use value button to enter previous value

BMI (Kg/m<sup>2</sup>): 22.4

Nutritional status: Normal

3 Access pregnancy screening questions here

Pregnancy Screening

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

No  
 Yes

Did your last menstrual period start within the past 7 days

No  
 Yes

Completing Vital recording

4. Recording Triage Notes

- Record triage notes if any in the provided text field on the 'Triage Notes'
- BMI (kg/m<sup>2</sup>) is auto calculated.
- Nutritional status is being auto populated.

5. Click 'Save and close' to save the form

Record Triage Details

Triage

Click here to Save the form

Save and close

Discard

\* Height(cm):

163

Previous Value: 163 | Mar 17, 2024 (10 days ago)

Use Value

BMI (Kg/m<sup>2</sup>)

21.1

Nutritional status

Normal

Triage Notes

Type Triage notes here

Triage Notes:

patient has fever

- To access patient's Vital history, on the left navigation panel, click on **'Vitals & Anthropometrics'**
- You can view in a table/chart as shown in the diagram

**Patient Summary**

BP	Heart rate	R. rate	SpO2	Temp	Weight
124 / 98 mmHg	78 rate/min	16	90 %	39 DEG C	78 kg

**Vitals & Anthropometrics**

Care panel

Medications

Results Viewer

Visits

Allergies

Conditions

Immunizations

Attachments

Billing history

Appointments

Investigative Results

Family History

Clinical views ⓘ

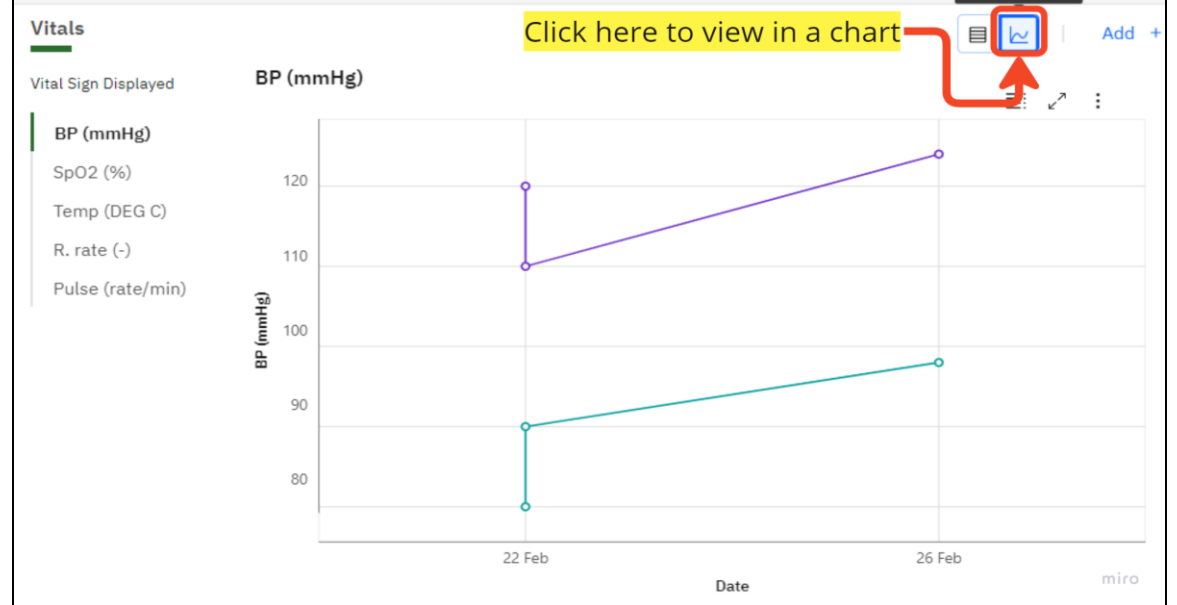
**Vitals**

Date and time	Temperature (DEG C)	Blood Pressure (mmHg)	Pulse (rate/min)	R. rate
26 - Feb - 2024, 13:49	39	124 / 98	78	16
22 - Feb - 2024, 14:45	39	110 / 90	72	15
22 - Feb - 2024, 12:01	37	120 / 80	--	--

3 / 3 items [Go to Summary](#) 1 of 1 page

**Anthropometrics**

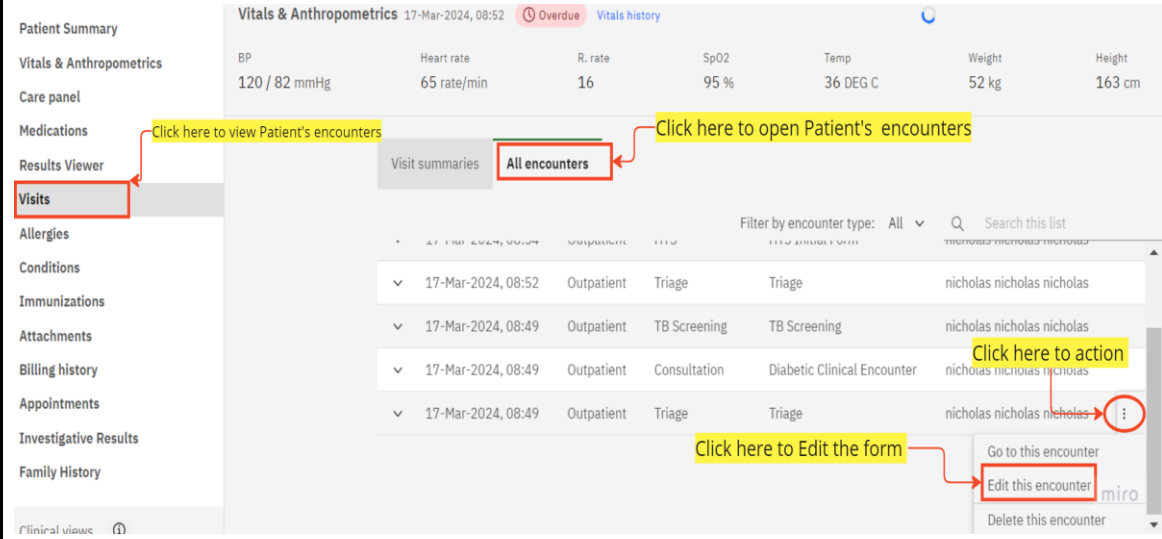
Date and time	Weight (kg)	Height (cm)	BMI (kg / m²)
26 - Feb - 2024, 13:49	78	123	51.6
22 - Feb - 2024, 14:45	67	123	44.3





**Accessing Patient vital History**  
**Editing the form**

- Once the form is filled and saved, navigate to patient summary and click on 'Visits' to access 'all encounters' under which the completed forms will be accessible.



The screenshot displays the 'Patient Summary' page for a patient. The 'Visits' section is highlighted in the left sidebar. The main content area shows a table of encounters with the following data:

Visit summaries	All encounters
Filter by encounter type: All	
17-Mar-2024, 08:52	Outpatient Triage Triage
17-Mar-2024, 08:49	Outpatient TB Screening TB Screening
17-Mar-2024, 08:49	Outpatient Consultation Diabetic Clinical Encounter
17-Mar-2024, 08:49	Outpatient Triage Triage

Annotations in the image include:

- 'Click here to view Patient's encounters' pointing to the 'All encounters' tab.
- 'Click here to open Patient's encounters' pointing to the 'All encounters' tab.
- 'Click here to action' pointing to the three-dot menu icon for the last encounter.
- 'Click here to Edit the form' pointing to the 'Edit this encounter' option in the dropdown menu.

**THE END**