

SOP: KenyaEMR3.x Outpatient Clinical Encounter Workflow

[Last updated: Mar 2024]

Tasks:	End to end navigation of the OPD Clinical Encounter in KenyaEMR
Objective:	Navigation skills
Who:	EMR users
Required Materials:	Username, password, computer installed with the latest version of KenyaEMR.

Steps	Description	Illustration
Step 1	<p>Learning objectives</p> <p>By the end of this session, you will be able to:</p> <ul style="list-style-type: none"> Successfully log into KenyaEMR Successfully document an Outpatient (OPD) clinical encounter in KenyaEMR 	

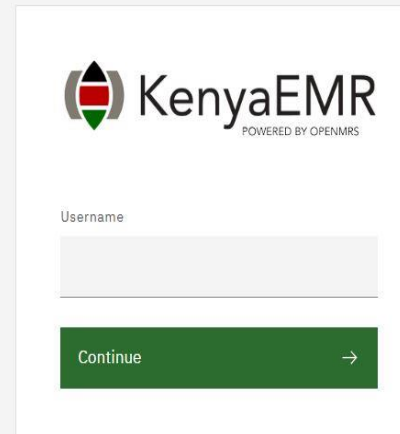
Login to KenyaEMR

Enter the application server URL
System

localhost:8080/openmrs/spa/login
and click on the load button or
Enter key from the keyboard. On
successful loading, you should be
navigated to the system login
page.

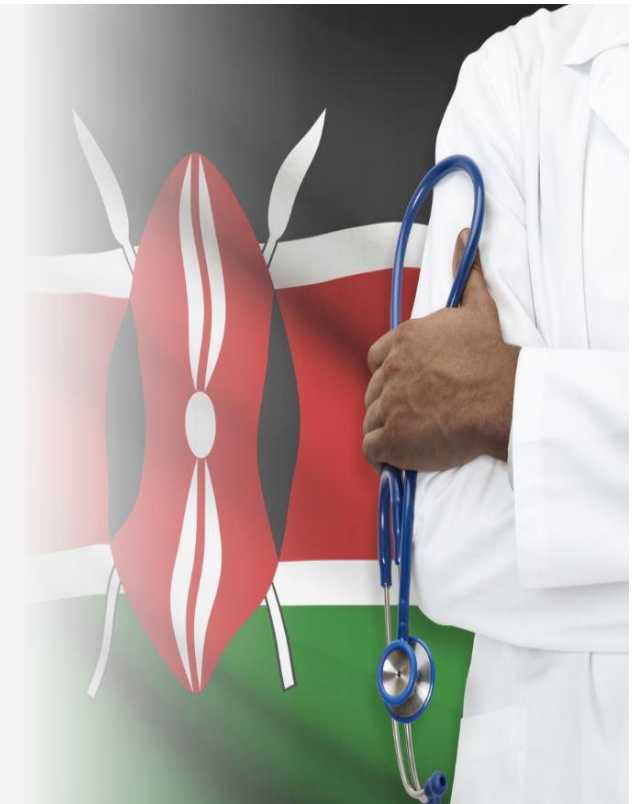
Authenticate entry by providing
username and password on the
fields, then.

click "Login" button



The screenshot shows the login interface for KenyaEMR. At the top, there is a logo consisting of a stylized 'K' with a red and green vertical bar, followed by the text 'KenyaEMR' and 'POWERED BY OPENMRS' in smaller text. Below the logo is a text input field labeled 'Username'. Underneath the input field is a green button with the text 'Continue' and a right-pointing arrow.

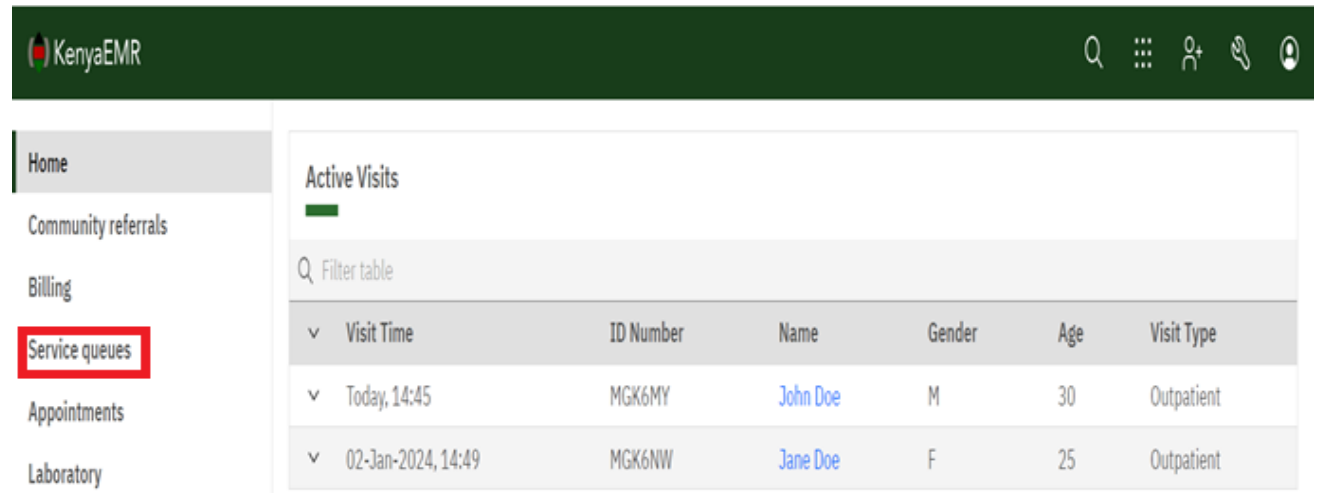
Powered by
 OpenMRS



Step 2

Upon successful login, you shall be navigated to the Active visits page of the facility

Click on the “Service Queues” option from the menu items available on the left side of the screen to find the client if they are already enrolled and are in queue. If they are not enrolled refer to client’s enrolment manual on how to enrol clients to KenyaEMR



The screenshot shows the KenyaEMR interface. On the left, a navigation menu includes Home, Community referrals, Billing, Service queues (highlighted with a red box), Appointments, and Laboratory. The main content area is titled 'Active Visits' and contains a table with the following data:

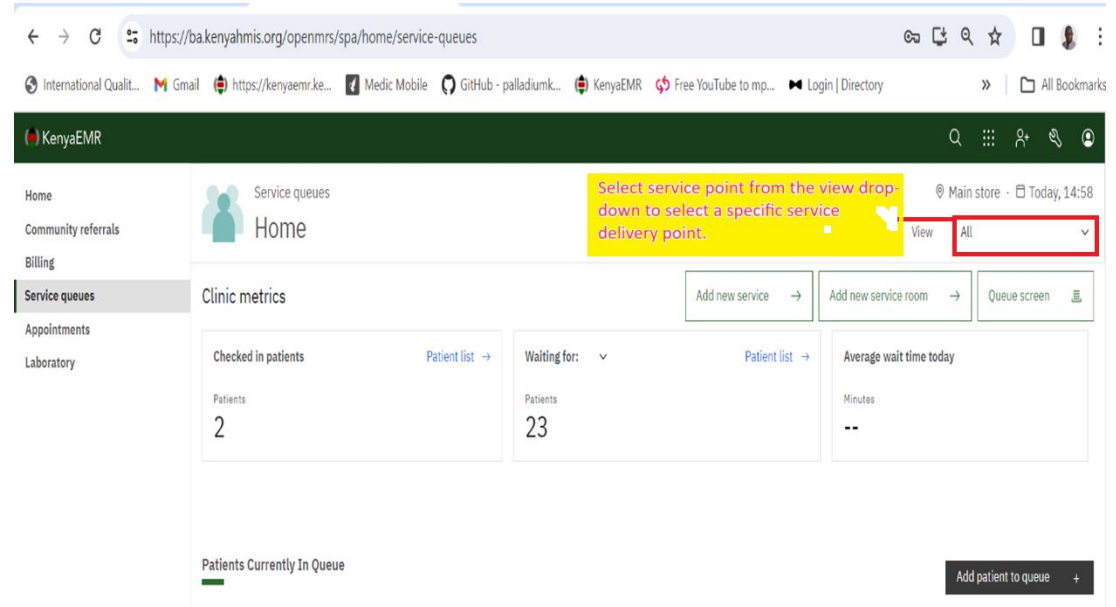
Visit Time	ID Number	Name	Gender	Age	Visit Type
Today, 14:45	MGK6MY	John Doe	M	30	Outpatient
02-Jan-2024, 14:49	MGK6NW	Jane Doe	F	25	Outpatient

Step 3

KenyaEMR Service Queues Page

To find clients who are in queue for the different services points.

Pick on the client you want to offer service from the service queue.



The screenshot shows the KenyaEMR Service Queues page. The browser address bar is https://ba.kenyahmis.org/openmrs/spa/home/service-queues. The page has a navigation menu on the left with 'Service queues' selected. The main content area includes a 'Service queues' header with a 'View' dropdown menu set to 'All'. A yellow callout box says: 'Select service point from the view dropdown to select a specific service delivery point.' Below this is a 'Clinic metrics' section with three cards: 'Checked in patients' (2), 'Waiting for:' (23), and 'Average wait time today' (--). At the bottom, there is a 'Patients Currently In Queue' section with an 'Add patient to queue' button.

Step 4

Clinical Encounter Form availability

From the clinical suite of forms, the OPD clinical encounter form is one among the many available forms as captioned on the next column

Clinical Forms	
Search this list	
Form Name (A-Z)	Last Updated
Cancer Screening and early diagnosis	Never
Clinical Encounter	Never
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
Progress Note	Never
TB Screening	Never
Triage	Never

Step 5

By default, the form opens with the Visit Details prepopulated. The users can however change this to Reflect the desired details.

Fill in the visit type details from the choice of 3 as indicated.



KenyaEMR | Out Opd Patient 31 yrs, Female

Clinical Encounter

Visit Details

Encounter Details

* Visit date: 27/03/2024

Provider: admin - nicholas nicholas nicholas

Location: Ngarua Health Centre

Patient Details

* Visit Type?

New visit

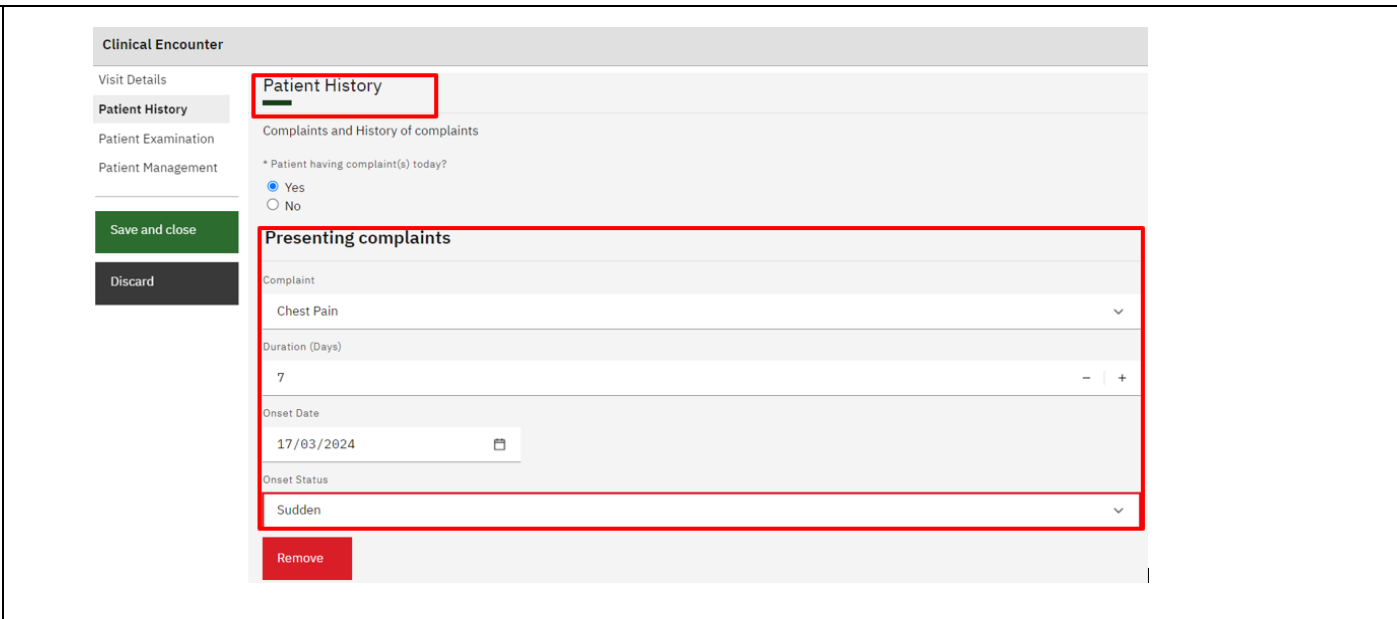
Return Visit

Transfer in

Next Patient History

Step 6

Document Patient History usually presenting and history of complaints from the select list and add to the grid. Numerous complaints can be added to the grid as reported by the patient. Include the duration of the complaint in days, Onset date and onset status.



Clinical Encounter

Visit Details | **Patient History** | Patient Examination | Patient Management

Save and close | Discard

Patient History

Complaints and History of complaints

* Patient having complaint(s) today?
 Yes
 No

Presenting complaints

Complaint: Chest Pain

Duration (Days): 7

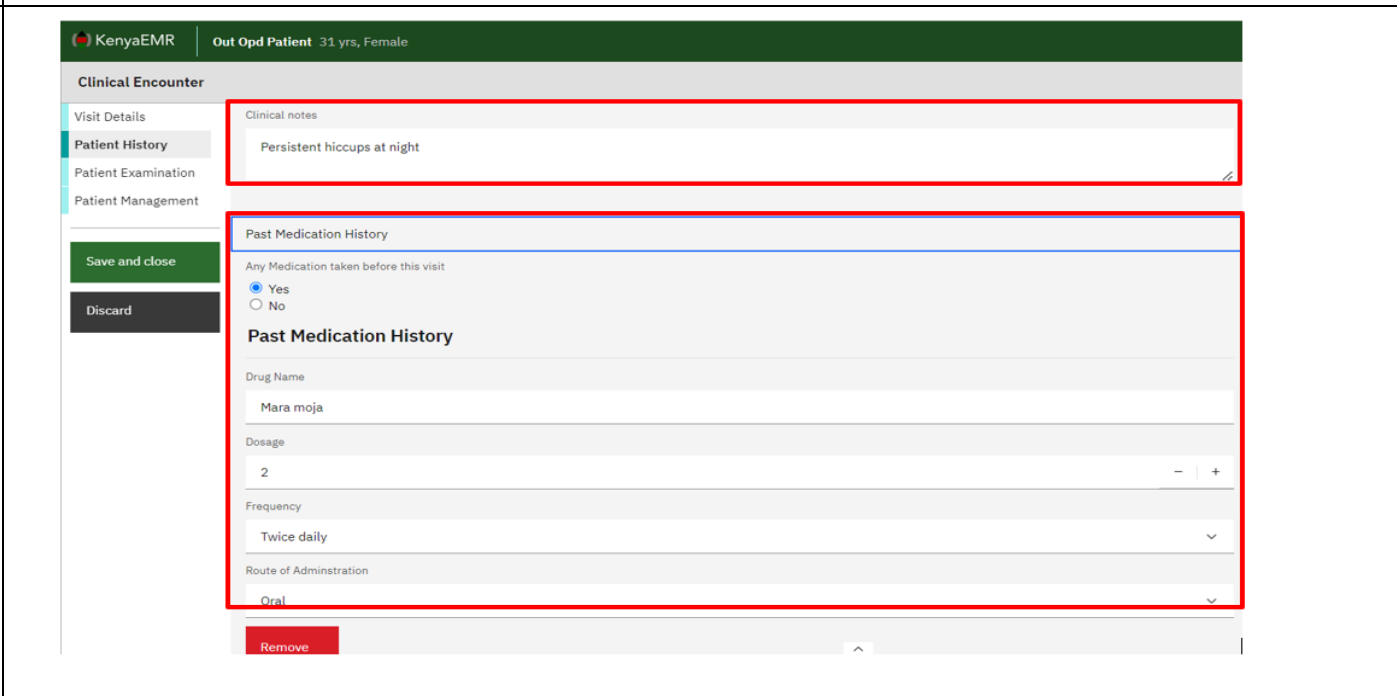
Onset Date: 17/03/2024

Onset Status: Sudden

Remove

Step 7

Record clinical notes
 Record any medication taken before the visit detailing drug name, dosage, frequency and route of administration



KenyaEMR | Out Opd Patient | 31 yrs, Female

Clinical Encounter

Visit Details | **Patient History** | Patient Examination | Patient Management

Save and close | Discard

Clinical notes
 Persistent hiccups at night

Past Medication History

Any Medication taken before this visit
 Yes
 No

Past Medication History

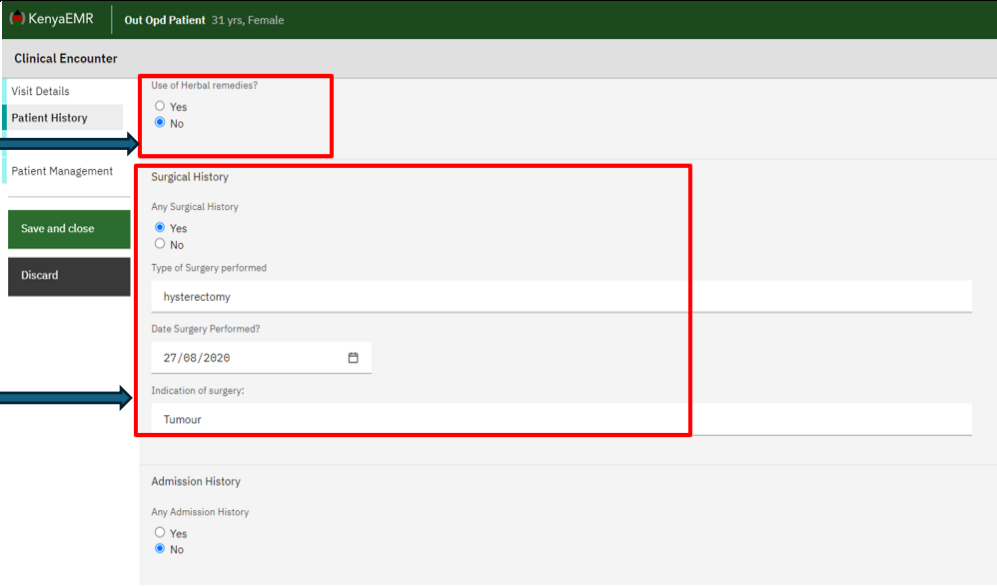
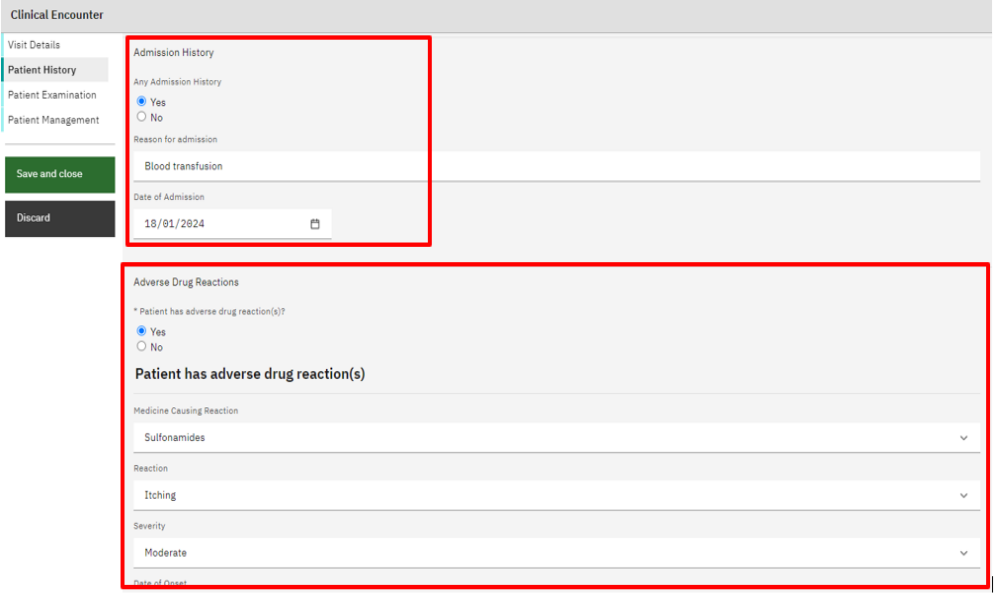
Drug Name: Mara moja

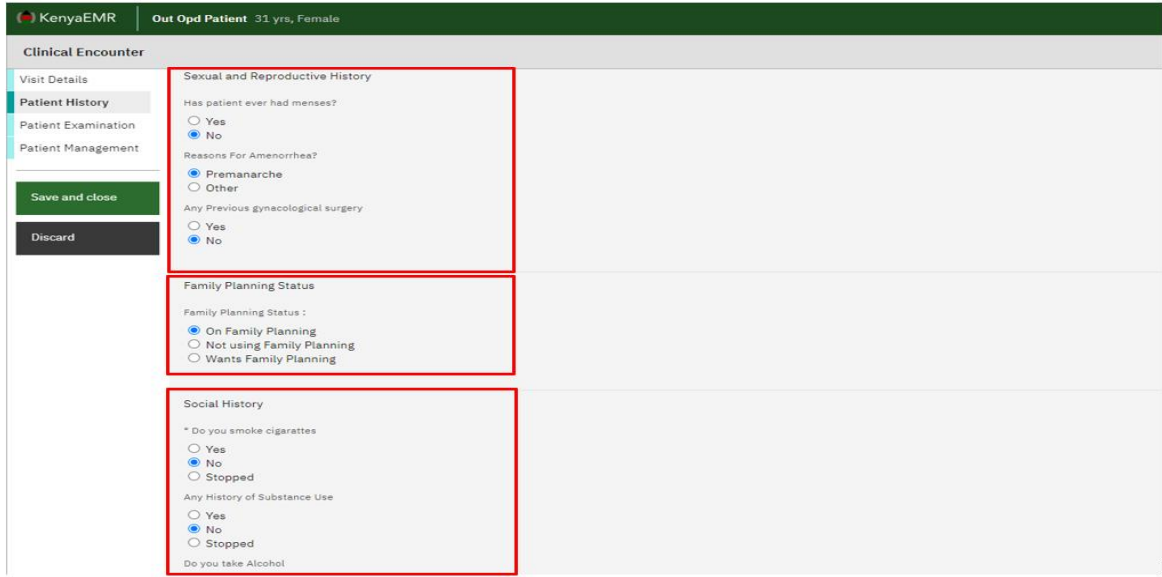
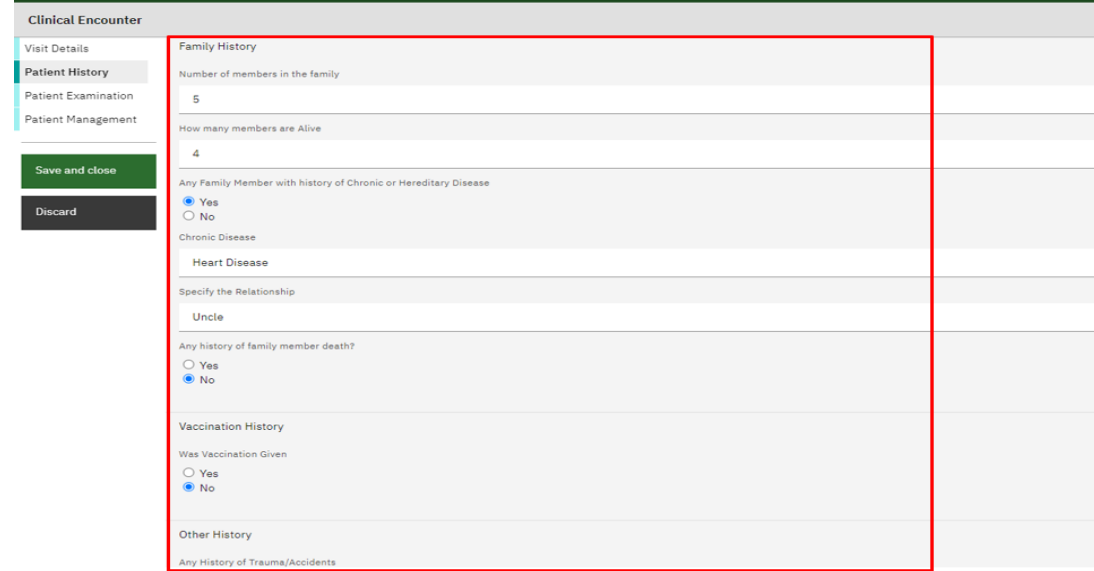
Dosage: 2

Frequency: Twice daily

Route of Administration: Oral

Remove

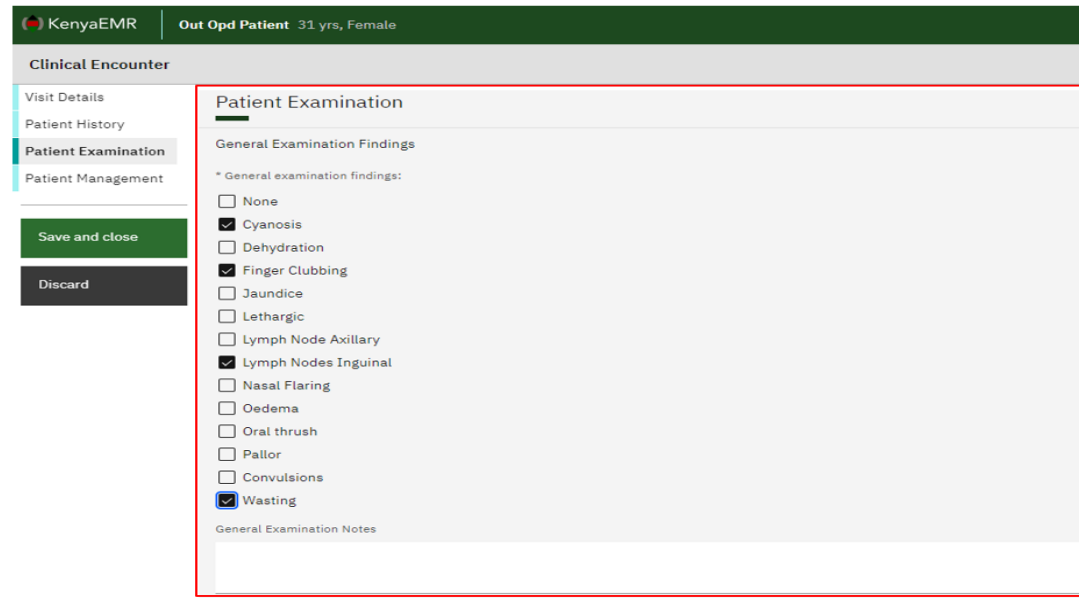
<p>Step 8</p>	<p>Screen patient for use of Herbal remedies and document.</p> <p>Document any historical surgical procedure that the patient has undergone clearly documenting the reason for surgery</p>	
<p>Step 9</p>	<p>Record any admission history indicating the reason and date of admission. Document any Adverse drug reactions. the client might be having. Indicate the causative medicine, reaction type, severity, date of onset and the action taken. Add as many adverse drugs as reported by the patient</p>	

<p>Step 10</p>	<p>Document the Sexual and Reproductive History if the client is female and of reproductive age.</p> <p>Document client's family planning status.</p> <p>Probe client for Smoking, Substance abuse, Alcoholism and history of recent travel and document</p>	 <p>The screenshot shows the 'Clinical Encounter' form for an 'Out Opd Patient' (31 yrs, Female). The form includes sections for 'Sexual and Reproductive History', 'Family Planning Status', and 'Social History'. The 'Sexual and Reproductive History' section contains questions about menses and amenorrhea. The 'Family Planning Status' section asks about current and future family planning. The 'Social History' section asks about smoking and alcohol use. The 'Save and close' button is highlighted in green.</p>
<p>Step 11</p>	<p>Document the client's family history comprising of Number of family members, members alive, family members with history of chronic or hereditary disease and their relationship to the index client. History of family members who have died and clients vaccination history</p>	 <p>The screenshot shows the 'Clinical Encounter' form for 'Family History'. It includes questions about the number of family members, members alive, and family members with chronic or hereditary diseases. It also asks about the relationship to the index client, history of family member death, and vaccination history. The 'Save and close' button is highlighted in green.</p>

Step 12

Patient Examination

Document the General Examination Findings as outlined and make additional notes not captured in the multi select list



KenyaEMR | Out Opd Patient 31 yrs, Female

Clinical Encounter

- Visit Details
- Patient History
- Patient Examination**
- Patient Management

Patient Examination

General Examination Findings

* General examination findings:

- None
- Cyanosis
- Dehydration
- Finger Clubbing
- Jaundice
- Lethargic
- Lymph Node Axillary
- Lymph Nodes Inguinal
- Nasal Flaring
- Oedema
- Oral thrush
- Pallor
- Convulsions
- Wasting

General Examination Notes

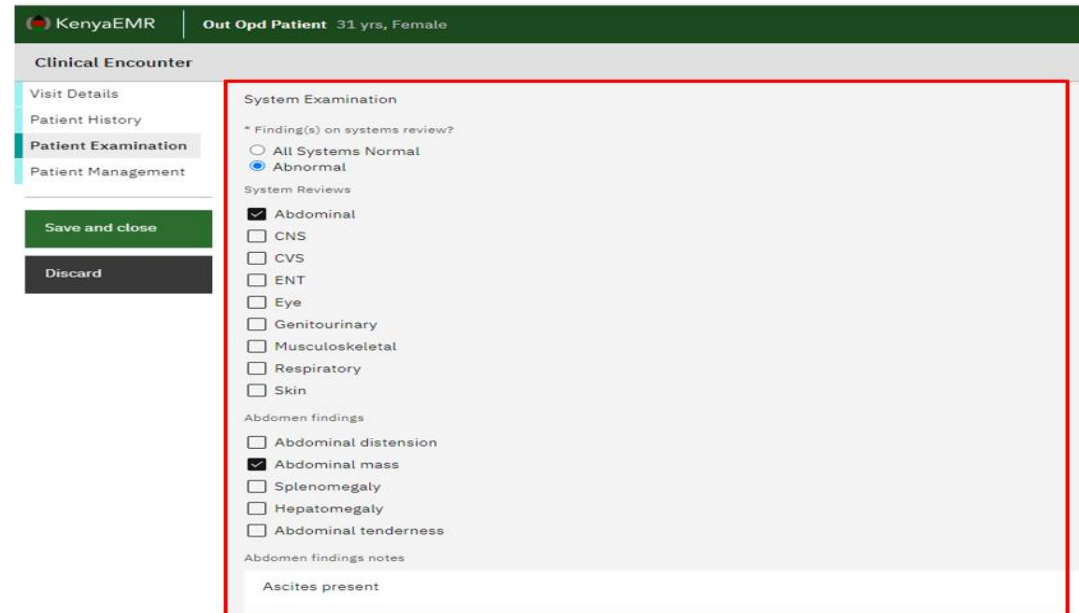
Save and close

Discard

Step 13

System Examinations

After conducting systems review on the client, document all the finding as per screening tool. Type down notes to elaborate further the systems findings.



KenyaEMR | Out Opd Patient 31 yrs, Female

Clinical Encounter

- Visit Details
- Patient History
- Patient Examination**
- Patient Management

System Examination

* Finding(s) on systems review?

- All Systems Normal
- Abnormal

System Reviews

- Abdominal
- CNS
- CVS
- ENT
- Eye
- Genitourinary
- Musculoskeletal
- Respiratory
- Skin

Abdomen findings


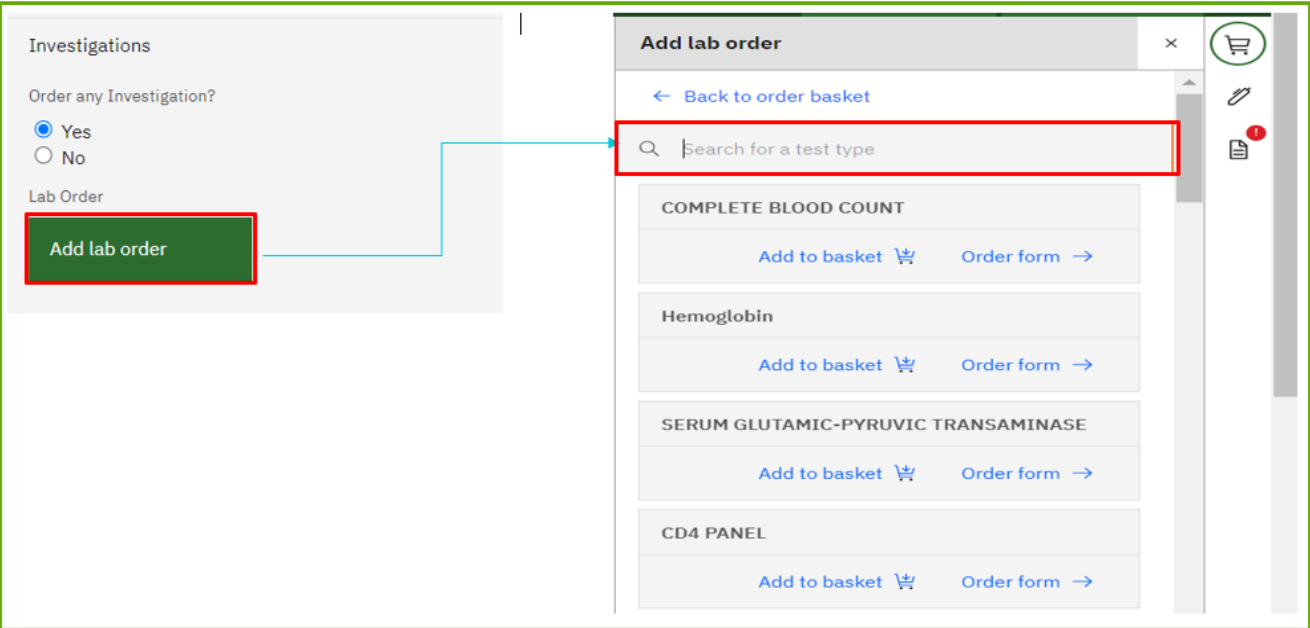
- Abdominal distension
- Abdominal mass
- Splenomegaly
- Hepatomegaly
- Abdominal tenderness

Abdomen findings notes

Ascites present

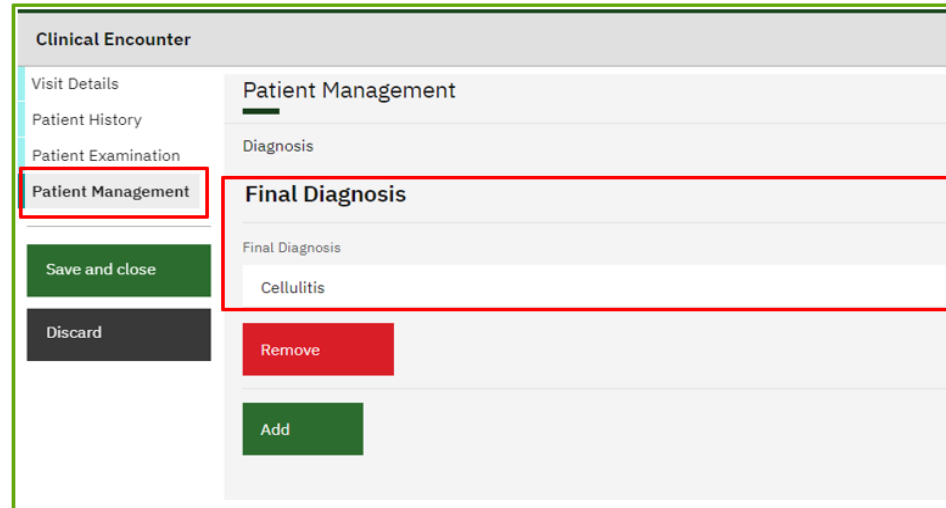
Save and close

Discard

<p>Step 14</p>	<p>Clinical Diagnosis From the available ICD 11 diagnosis picker, Select the ailments that client has been diagnosed with during this visit empirically, based on the presenting conditions.</p>	
<p>Step 15</p>	<p>Investigations opens a window for the lab order to pop up to allow for ordering of requisite investigative tests as depicted</p>	

Step 16

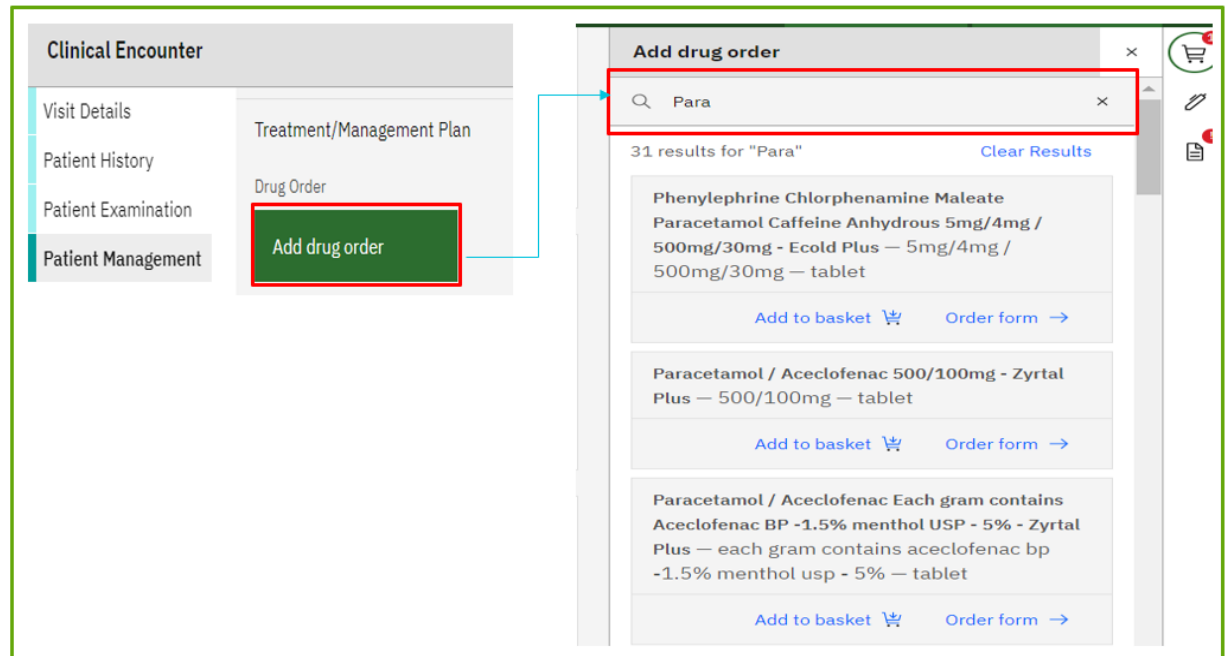
Patient Management allows for the documentation of the final diagnosis derived from laboratory investigation. ICD 11 diagnosis is utilised



Step 17

Add Drug Order

The Drug order button populates the drug order form as depicted. Select the drugs to prescribe from the select list



Step 18

After ordering drugs get back to the clinical encounter to finalise the visit. Document any therapies, Counselling and procedures prescribed

Add drug order

Phenylephrine Chlorphenamine Maleate Paracetamol

2. Prescription duration

Start date: 03/27/2024

Duration: 5 Days

3. Dispensing instructions

Quantity to dispense: 10 Tablet

Prescription refills: 0

Indication: e.g. "Hypertension"

Clinical Encounter

Visit Details

Patient History

Patient Examination

Patient Management

Any therapies prescribed?

- None
- Support Groups
- Behavioral Therapy
- Lifestyle Modification Programs
- Occupational Therapy
- Pain Management
- Physiotherapy
- Respiratory Therapy
- Other

Any Counselling prescribed?

- None
- Family Counseling
- Nutritional and Dietary
- Psychosocial therapy
- Substance Abuse Counseling
- Other

Any Procedures prescribed?

Yes

No

Name of Procedures Ordered

Save and close

Discard

Step 19

Document any procedures prescribed.

Specify the patient outcome.

Add appointments to the appointment's module.

Save, close and Exit the Clinical encounter

Save and close

Discard

Any Procedures prescribed?

Yes

No

Name of Procedures Ordered

× Biopsy × Cannulation

Patient Outcome

Released Home

Admit

Referral

Deceased

Appointments

Add appointments