# SOP: KenyaEMR 3.x Enhanced Adherence Screening

Last Update 3/27/2024

Objective	To support enhanced adherence screening encounter documentation in KenyaEMR.
Tasks	To navigate and update screening for enhanced adherence of clients.
Who	Adherence counselor, clinician, health provider, and KenyaEMR 3.x Users.

### Step 1: Log in to KenyaEMR.

Enter the application server URL System **"localhost:8080/openmrs"** on the browser and click on the load button or Enter key from the keyboard to load the KenyaEMR login page. On successful loading, authenticate entry by providing username and password on the fields, then click the **"Login"** button.



After a successful login, KenyaEMR homepage will load and display active visits.

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ity referrals ueues nents	Q Filter table						
ueues	Q. Filter table						
ueues nents							
nents	Visit Time	ID Number	Name	Gender	Age	Visit Type	
	<ul> <li>Today, 08:59</li> </ul>	MGK7TM	Out Opd Patient	F	31	Outpatient	
ry	<ul> <li>26-Mar-2024, 15:23</li> </ul>	MGK7GF	Test Violet Violet	F	34	Outpatient	
	<ul> <li>20-Mar-2024, 16:08</li> </ul>	MGK69W	Nyandi PT EMR	м	24	Outpatient	
	<ul> <li>20-Mar-2024, 15:25</li> </ul>	MGK63A	Dorine Akiinyi Onyango	F	34	Outpatient	
	<ul> <li>20-Mar-2024, 15:23</li> </ul>	MGK4WH	Newton LAWI Isack	м	31	Outpatient	
	<ul> <li>20-Mar-2024, 12:18</li> </ul>	MGK4UM	bonface okello owiti	м	34	Outpatient	Homepage
	<ul> <li>17-Mar-2024, 08:49</li> </ul>	MGK4M3	Chris Brown	м	19	Outpatient	
	<ul> <li>15-Mar-2024, 10:51</li> </ul>	MGK4L6	DHIS admin dhis	м	23	Inpatient	displaying active
	<ul> <li>15-Mar-2024, 09:52</li> </ul>	MGG37E	Maingi Maingi Maingi	F	35	Outpatient	
	✓ 14-Mar-2024, 13:56	MGENMT	Kimosop Kimosop	F. C.	44	Outpatient	
	Items per page: 10 v 1-10 of 41 items					1 ∨ of5 pages ∢ ►	

Step 2: Click on the search icon to search for a client enrolled in a HIV program. You can search by client name or ID number.

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Home	Active Visits		0				
Billing	—						
Laboratory	Q Filter table				Soard		
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Appointments	<ul> <li>Today, 05:24 AM</li> </ul>	MGJE9T	OMARI OMARI OMARI	F	53	Outpatient	
Service queues	✓ 26-Mar-2024, 04:46 PM	MGJAGG	FREDA FREDA FREDA	М	19	Inpatient	
	✓ 26-Mar-2024, 09:23 AM	MHG4C3	peter learner	М	32	Outpatient	
	✓ 20-Mar-2024, 04:41 PM	MHFY9E	Miriam Otieno Omollo	F	19	Outpatient	

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		7 search results	<b>A</b>					
Home	Active Visits	OMARI OMARI OMARI	OMARI OMARI OMARI					
Billing		Female - 60 yrs - OpenMRS ID MGHY3K						
Laboratory	Q. Filter table							
In Patient	✓ Visit Time	000 Employ 51 urs - OpenMSS10 M0171N		Visit Type				
Appointments	<ul> <li>Today, 05:24 AM</li> </ul>	Tennie ozyta opennizza marten	Constant Salars Commenciate Induction					
Service queues	✓ 26-Mar-2024, 04:46 PM	OOD OMARI OMARI OMARI						
	<ul> <li>26-Mar-2024, 09:23 AM</li> </ul>	Male - 60 yrs - OpenMRS ID MGHNKT		- 17	Outpatient			
	✓ 19-Mar-2024, 06:53 PM	OMARI OMARI OMARI			Outpatient			
	✓ 17-Mar-2024, 06:04 PM	Female - 52 yrs - OpenMRSID MGHJUF	Female - 52 yrs - OpenMRS ID MGHJUF					
	✓ 15-Mar-2024, 12:49 PM	OMARI OMARI OMARI Active Visit	000 OMARI OMARI MARI Active Visit Female - 53 yrs - OpenMRS 10 MGJEFT					
	✓ 15-Mar-2024, 12:41 PM	Female - 53 yrs - (OpenMRS ID) MGJE97						
	✓ 13-Mar-2024, 05:31 PM	MHEVKP WANYAMA WANYONYI WANYAMA	м	37	Outpatient			
	✓ 13-Mar-2024, 08:19 AM	MHFXCA Mary Auma Otieno	F	33	Outpatient			
	<ul> <li>12-Mar-2024, 05:30 PM</li> </ul>	MHFWAE Testing Suba	м	26	Outpatient			
	Items per page: 10 - 1-10 of	1232 items		1 ~	of 124 pages + +			

Search using clients' ID number or name.

Click on your client from this list.

After clicking on your client, the patient summary dashboard will load. If the patient is checked out, check them using the following procedure.

KenyaEMR	OMARI OMAR	I OMARI 53 yrs,	Female					2.x Chart		8
tient Summary	'	Home / Patie	ent / Patient Summary dashbo	ard /						A
s & Anthropom panel ications ults Viewer s	etrics	000	OMARI OMARI OMAR Female - 53 yrs - 03 - Mar OpenMRS ID MGJE9T Univ PREP Unique Number 13080	1 - 1971 que Patient Number   12516  202300002	04781 National ID 880	099565 National Unique	patient identifier 0000000	0809007	Actions i Show details ~	0
.s ons izations		Vitals & Ant 8P /	Heart rate	3:44 AM Vitals history R. rate	5p02	Temp	Weight 54 kg	Height 160 cm	BMI 21.1 kg / m <sup>z</sup>	
nents history ments gative Resul!	ts		Due for CACX Se	Pending VL result	Eligible for COVID-19 Vacci	nation				
istory riews ①										
Encounter	Ŷ				There are no conditio Recor	ns to display for this pation displays and the second state of the	ent			

After clicking "check in" a start visit form will load. Visit date and location will already be prefilled. Select the visit type, i.e outpatient or in patient, billing method, queue location, type of service, and lastly the priority level i.e emergency, urgent, and not urgent.

Once done click "Check in".

(     KenyaEMR     OMARI OMARI	I OMARI 53 yrs, Female	2.x Chart 🙆 Check in 😵
Patient Summary	Home / Patient / Patient Summary dashboard /	Start a visit × È
Vitals & Anthropometrics Care panel Medications Results Viewer	OMARI OMARI OMARI         Actions           Female - 53 yrs - 03 - Mar - 1971	Visit start date and time         ∅           Date         Time           27/03/2824         09:44
Visits Allergies Conditions Immunizations Attachments	Vitals & Anthropometrics         19-Sept-2023, 11:44 AM         Vitals history         Record vitals           BP         Heart rate         R. rate         Sp02          /              Temp         Weight         Height         BMI            54 kg         160 cm         21.1 kg / m <sup>2</sup>	→ Upcoming appointments No upcoming appointments found × Visit start date and location is prefilled
Billing history Appointments Investigative Results Family History	Due for CACX Screening Pending VL result Eligible for COVID-19 Vaccination	Select a location Meru District hospital × V
Clinical views ① Clinical Encounter Special Clinics V	Conditions	Visit Type Q Search for a visit type O Outpatient O Inpatient 2/2 items 1 × of 1 page
	Active Medications	Billing

( KenyaEMR OMARI OMA	RI OMARI 63 yr	s, Fernale				2.x Chart	Check in	0
		ObeuWiks ID: WCJEA1 Duidne Hatieut Womper, 1521	04781 National ID 88099565	Snow de	eraite v	Start a visit	×	q
Patient Summary		National Unique patient identifier 0000000809007	REP Unique Number   13080202300002			2/2 items	1 v of 1 page	n
Vitals & Anthropometrics	Vitals & An	thropometrics 19-Sept-2023, 11:44 AM Vitals history		Record v	vitals $\rightarrow$			0
Care panel	BP	Heart rate	R. rate	Sp02				8
Medications	/				B	Billing		
Results Viewer	Temp	Weight	Height	BMI	1	Yes     No		Select the method of
Visits		54 kg	160 cm	21.1 kg / m <sup>a</sup>	Pi	Payment methods		
Allergies						Colord payment mathed		billing and the service
Conditions		Due for CACX Screening Pending VL result Eligible for COV	D-19 Veccination			Select payment method		
Immunizations					8	Billing		being billed.
Attachments		Conditions			В	Billable service		
Billing history						Select a service	~	
Appointments			_					
Investigative Results								
Family History		There are n	conditions to display for this patient			Queue Location		Select the queue
Claimtuinum (0)			Record conditions			Select a queue location		
Clinical viewa 🥹						Outpatient Department	~	location of the client
Clinical Encounter						Service		
Special Clinics 🗸 🗸		Active Medications				Select a service		
						Triage OBD		Soloct the convice
			_			mage OPD		Select the service
						Priority		
		There are no ac	ive medications to display for this patient			O Emergency      Not Urgent	O Urgent	
			Record active medications					
		Immunizations			D	Discard Check	in 📕	Click check in
			^				M	
			The	re are no active medications to	display for t	this patient		
				Record active medic	ications			
Visit started Outpatient started or	uccessfully	× Successful r	on-un					
outpatient started st	accessiony	Juccessiui	<mark>op-ap</mark>					
		alerts						
<ul> <li>Visit started</li> <li>Patient has been add</li> </ul>	led to the							
queue successfully.								
		-						

Upon successful check in, green pop-up alerts will appear on your screen as shown above.

Step 3. Click on the clinical forms icon to access the enhanced adherence screening form.

KenyaEMR     OMARI OMAR	RI OMARI 53 yrs, Female Wait	ting - Triage OPD	Move patient to next s	ervice 🖉			2.x Chart	යි Check out	⊗ ^
Detient Cummen	OpenMRS ID	MGJE9T Unique Pati	ent Number 1251604781 Natio	nal ID 88099565 Nationa	al Unique patient identifier 0000	000809007 PREP Unique	Number 13080202300002	Show details 🗸	F
Vitals & Anthropometrics	Vitals & Anthropometrics	i 19-Sept-2023, 11:44 AM	1 Overdue Vitals history			0		Record vitals $\rightarrow$	
Care panel	BP	Heart rate	R. rate	SpO2	Temp	Weight	Height	BMI	0
Medications	/					54 kg	160 cm	21.1 kg / m²	B
Results Viewer									
Visits		Due fe	or CACX Screening Pending VL result	Eligible for COVID-19 Vaccina	tion				
Allergies									
Conditions		Co	nditions					Clinical f	orms id
Immunizations									
Attachments									
Billing history									
Appointments				There are no conditions	to display for this patient				
Investigative Results				Record	conditions				
Family History									
Clinical views		Act	ive Medications						
Clinical Encounter		_	-		1.1				
Special Clinics 🗸 🗸 🗸									

After clicking the forms icon, a list of forms will pop up.

After that, click "Enhanced Adherence screening" as illustrated bellow.

KenyaEMR     OMARI OM/	RI OMARI 53 yrs, Femal	te Waiting - Triage OPD Not Urgent	Move patient to next service 🖉		2.x Chart	Check out	8
Patient Summary	Oper	MRS ID MGJE9T Unique Patient Number	251604781 National ID 88099565	Show details 💙	Clinical Forms	×	F
Vitals & Anthropometrics	Natio	onal Unique patient identifier 000000080900	7 PREP Unique Number 13080202300002		O Annah dia far		
Care panel	Vitals & Anthropo	metrics 19-Sept-2023, 11:44 AM 🕜 Overdu	Vitals history	Record vitals $\rightarrow$	Q Search this list		1
Medications	BP	Heart rate	R. rate	SpO2	Form Name (A-Z)	Last Clinical forms	
Results Viewer	/				Alcohol and Drug Abuse Screening(CAGE- AID/CRAFFT)	19-Sept-2023, 11:44 AM	-
Visits	Temp	Weight 54 km	Height 160 cm	BNI 21.1 kg / m²	Cancer Screening and early diagnosis	Never	
llergies		24.46	200 cm	A 44 4 6 7 111	CCC Defaulter Tracing	Never	
Conditions	Due for CACK So	creening Pending VL result Eligible for COVID	19 Vaccination		COVID-19 Assessment form	28-Mar-2023, 10:31 AM	
ittachments					Depression Screening PHQ-9	Today, 09:33 AM	
Billing history	Conditions				Enhanced Adherence Screening	Never	
Appointments					Gender Based Violence Screening	19-Sept-2023, 11:44 AM	
nvestigative Results					Generalized Anxiety Disorder Assessment	Never	
amily History		There are no	conditions to display for this patient		HIV Green Card	28-Mar-2023, 10:31 AM	
inical views			Record conditions		Progress Note	Never	
Sinical Encounter					TB Screening	28-Mar-2023, 10:31 AM	
special Clinics V	Active Med	lications			Triage	28-Mar-2023, 10:31 AM	
		There are no activ	e medications to display for this patient				
		R	ecord active medications				

Enhanced adherence screening form has four sections, Visit details, Morisky adherence, barriers to adherence, and lastly referrals and networks.

Visit details has visit details (prefilled) and session details:

H KenyaEMR OMARI OMARI	RI OMARI 53 yrs, Female Waitii	ng - Triage OPD Net Urgant Mo	ve patient to next service 🖉			2.x Chart G	Check out	•
Patient Summary	Home / Patient / Orders dat	shboard /			Enhanced Adhere	nce Screening	2	R
Vitals & Anthropometrics Care panel Medications Results Viewer Vialts	OOOO OMARI OM Female - 53 y OpenMRS ID   National Unique	ARI OMARI Active Visit rs - 03 - Mar - 1971 IGJE9T Unique Patient Number 125 patient Identifier 000000809007	51504781 National ID 88099565 PREP Unique Number 13080202300002	Actions 1 Show details ~	Visit Details Morisky adherence Barriers to adherence Referrals and Networks	Visit Details Visit Details Date: 2/27/2024	_	n a
Allergies Conditions Immunizations Attachments	Vitals & Anthropometrics	19-Sept-2023, 11:64 AM Orendue. Heart rate  Weight 5-4 ur	Vitals history R, rate  Histori 260	Record vitals -> Se02 BHI 21.1 to ()	Save and close	ovider: admin - MUNGATHI MUNG cation:		Visit details prefilled
Billing history Appointments Investigative Results Family History Clinical views	Oue for CACX Screening	Pending VL result (Eligible for COVID-19	Veconation			Meru District hospital Session details Session Number:	× • • • • • • • • • • • • • • • • • • •	
Clinical Encounter Special Clinics V						Date of first session: dd/nn/yyyy Pill count adherence % (from pill	(esumt): - +	Session details
						N N a	ed forisky V dherence	Morisky adherence

Once you are done filling in the session details, click Morisky adherence.

(e) KenyaEMR OMARI OMARI	RI OMARI 53 yrs, Female Wait	ing - Triage OPD Not Urgent	Move patient to next service			2.x Chart 🔓	Check out		8
Patient Summary	Home / Patient / Orders d	ashboard /			Enhanced Adherence	Screening	×2	$\rightarrow$	Ë
/Itals & Anthropometrics Care panel Medications Results Viewer //sits Nicelse	OOOO OMARION Female - 53 OpenMRS ID National ID PREP Unique 1	MARI OMARI Active Visit yrs • 03 – Mar – 1971 MGJE9T Unique Patient Numb 38099565 National Unique pat Number 13080202300002	er 1251604781 tient identifier 0000000809007	Actions 🗄 Show details 🗡	Visit Details Morisky adherence Barriers to adherence Referrals and Networks	Morisky adheren Morisky Medication Adh (MMAS - 4) 1. Do you ever forget to tak O Yes No	ce erence Scale œ your medicine?	Ŷ	
Conditions Immunizations Attachments	Vitals & Anthropometrics BP /	: 19-Sept-2023, 11:44 AM () 0 Heart rate	Vitals history R. rate	Record vitals → Sp02	Save and close Discard	2. Are you careless at time medicine?  Yes No 3. Sometimes if you feel w	s about taking you orse when you tak	r e the	N
Billing history Appointments Investidative Results	Temp 	Weight 54 kg	Height 160 cm	BMI 21.1 kg / m²		Ves     No     When you feel better do	you sometimes st	op.	
Family History Clinical views	AHD Client Pending VL resu	It Eligible for COVID-19 Vaccinati	ion			taking your medicine? Ves No			
Clinical Encounter Special Clinics ~						Morisky Medication Adf Adherence rating Good (G) Inadequate (I) Poor (P)	erence Score	~	
						Viral load	al load result?	^	

In MMAS no. 4 when the patient answers "Yes" MMAS-8 will show up. This is illustrated on the next page.



## Scroll down.



## Click "Barriers to adherence".

This section includes, cognitive, behavioral, emotional, and socio-economic barriers to adherence.

Patient Summary	Home / Patient / Orders das	hboard /			Enhanced Adherenc	e Screening	→ <u></u> <u></u>	
Vitats & Anthropometrics Care panel Medications Results Viewer Vialts	OOOO OMARI OM Female - 53 yr OpenMRS ID M National Unique	ARI OMARI Active Visit s · 03 - Mar - 1971 IGJE9T Unique Patient Number 1251 patient identifier 0000000009007	604781 National ID 88099565 PREP Unique Number 1308020230000;	Actions : Show details ~ 2	Visit Details Morisky adherence Barriers to adherence Referrals and Networks	Assess for possible barriers to adherence - Cognitive		Cognitive
Allergies Conditions Immunizations Attachments Billing history	Vitals & Anthropometrics a BP / Temp 	Todey, 11:11 AM Vitals history Heart rate  Weight 54 kg	R. rate  Height 160 cm	Record vitals → 5p02  BMt 21.1 kg / m²	Save and close Discard	Assess for possible barriers to adherence - Behavioural 1. Let the patient explan how they take their drugs, and at what time and how they store them	י ש בי	
Appointments Investigative Results Family History Clinical views	On OTZ Due for CACX Sc	reening Pending VL result Eligible for C	OVID-19 Vaccination			2. How does freatment fit the patient delity routines? What reminder tools are used?	E	
Clinical Encounter Special Clinics ~							ē.	Behavioral
						4. What does the patient do incase of Side Effects	, <b>I</b>	
						5. What are the most difficult situations for the patient to take drugs?	•	



### Press referrals and Networks.

This section contains the referral networks for the client and his/her next follow up date.

Parted Lower   Weid Lower / Order database / I     Weider / Order database / I	( KenyaEMR OMARI OMARI	I OMARI 53 yrs, Famala   Waiting - Triage OPD   Not Urgent   Move patient to next service 2	2.x Chart 🙆 Check out
Number distribution   Marked and the marked in the state of the sta	Patient Summary	Home / Patient / Orders dashboard /	Enhanced Adherence Screening $e^3 \rightarrow \Xi$
Billing Ibidry	Vitals & Anthropometrics Care panel Medications Results Viewer Visits Allergies Conditions Immunizations Attachments	OMARI OMARI (Maria Vela         Actions           Female - 53 yrs - 03 – Mar – 1971         Second 200           Generatic SID (VICUP)         University in VICUP)         Second 200           Material Maria         S151047121         Network ID 80099565         Shewed databat           Witelas & Anthropometrics         Network ID 80099565         Shewed databat           UVIdas & Anthropometrics         Network ID 80099565         Shewed databat           IP         Network ID 8009000000         Network ID 80090000000000000000000000000000000000	Vest Details Horisky adherence Externals and Networks Externals and Networks Externals and Networks Externals and Unotifice, systematics Externals and Supersond Cores Supersond Cores Details Supersond Cores Details
Next Spointment date	Billing history Appointments Investigative Results Family History Clinical Invest @ Clinical Encounter Special Clinics v	54 ig 160 m 21.1 kg/m <sup>2</sup> Ox 072 Burlie CACK Servering Pending XL seals BigBits for COVED-33 Version Click here to save the form	3. What was the sequeiness? Do the velocities need to be re-engineers? 
A Determine to A Dete			Next Follow up date
		<u>^</u>	ed/mm/yyyy

Once you are done, press Save and Close.

Vitals & Anthropometrics Care panel	OMARI OMARI OOO Female - 53 yrs - 0	OMARI Active Visit 3 - Mar - 1971					Actions 1		
Results Viewer	OpenMRS ID MGJE	9T Unique Patient Number 1251604781	National ID 88099565 Nation	al Unique patient identifier 0000	000809007 PREP Unique Nu	mber 13080202300002	Show details 👻		
Visits	Vitals & Anthropometrics Today, 11:11 AM Vitals history Record vitals ->								
Allergies	BP Hear	rate R. rate	5p02	Temp	Weight	Height	BMI		
Conditions	/				54 kg	160 cm	21.1 kg / m²		
Immunizations									
Attachments		On OTZ Due for CACX Screening	Pending VL result Eligible for COV	ID-19 Vaccination					
Billing history									
Appointments									
Investigative Results									
Family History									
Clinical views									
Clinical Encounter									
Special Clinics V									
		Successfu	1						
<ul> <li>Enhanced Adherence Screening The form has been submitted successfully.</li> </ul>	. *	pop-up al	ert						