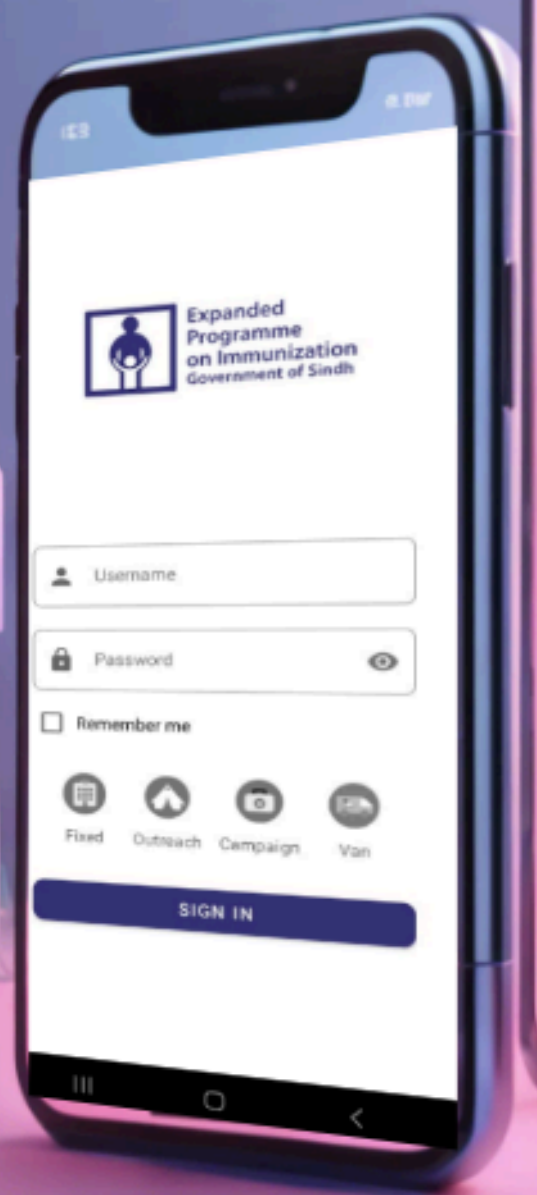




Expanded  
Programme  
on Immunization  
Government of Sindh

# TRAINING MANUAL



YEAR OF PUBLICATION

2026

DEVELOPED BY

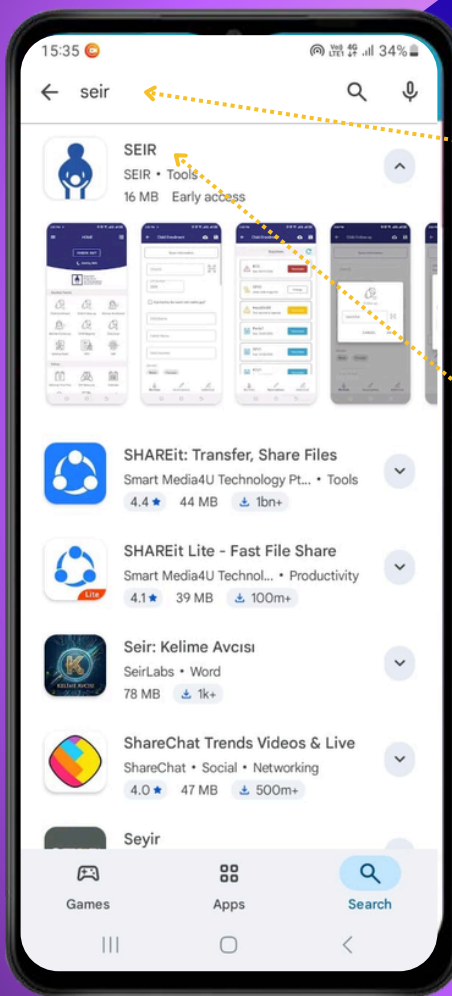
AKUH



# TABLE OF CONTENTS

01 <u>Downloading &amp; Installing.</u>	02 <u>Set-up &amp; Login</u>	03 <u>Home-Screen and Navigation Bar Overview</u>	04 <u>Vaccinator Attendance</u>
05 <u>Child Enrollment</u>	06 <u>Child Follow-up</u>	07 <u>Woman Enrollment</u>	08 <u>Women Follow-up</u>
09 <u>Child Registry.</u>	10 <u>Zero Dose</u>	11 <u>Adverse Event Entry.</u>	12 <u>Human Papillomavirus (HPV) Form</u>
13 <u>Vaccination Calendar</u>	14 <u>Downloadable Reports</u>	15 <u>Offline Functionality.</u>	16 <u>SEIR-Campaigns</u>

# Downloading & Installing Application



1

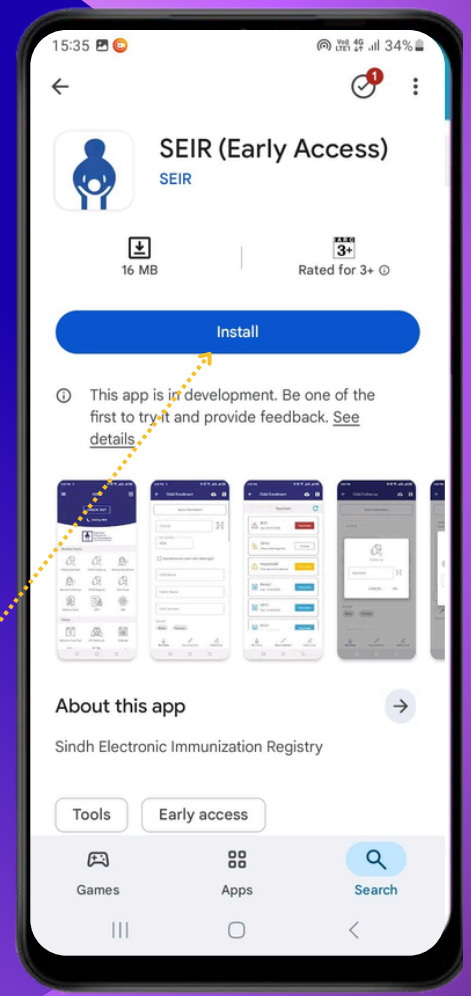
Search SEIR on Playstore

2

Click on SEIR App

3

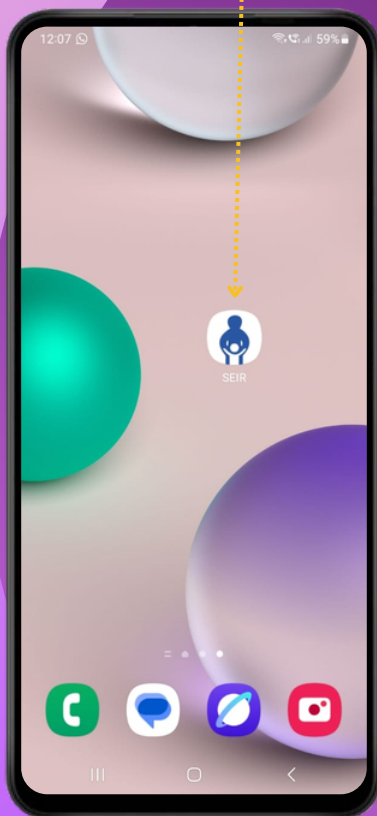
Click on Install



# Set-up & Login in

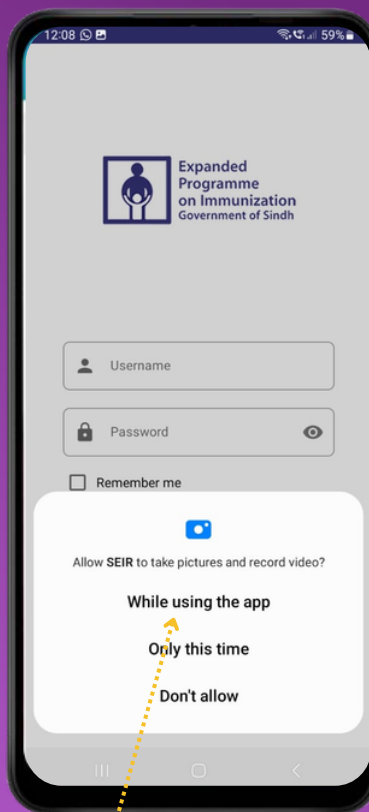
4

Once downloaded, open the Application by a single tap.



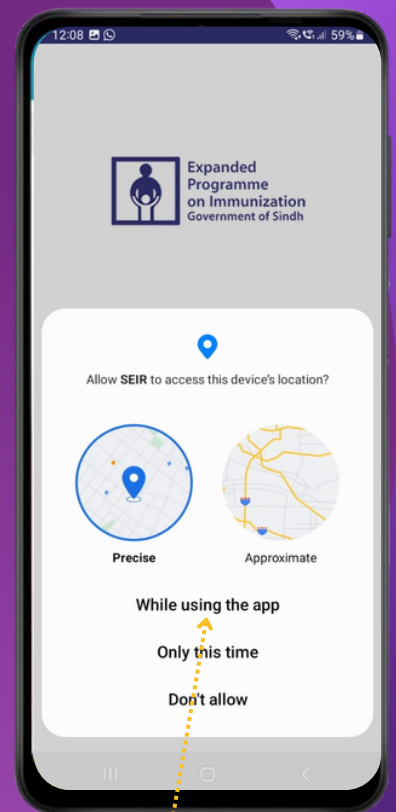
5

Allow SEIR to take pictures & record video by selecting "While using the app".



6

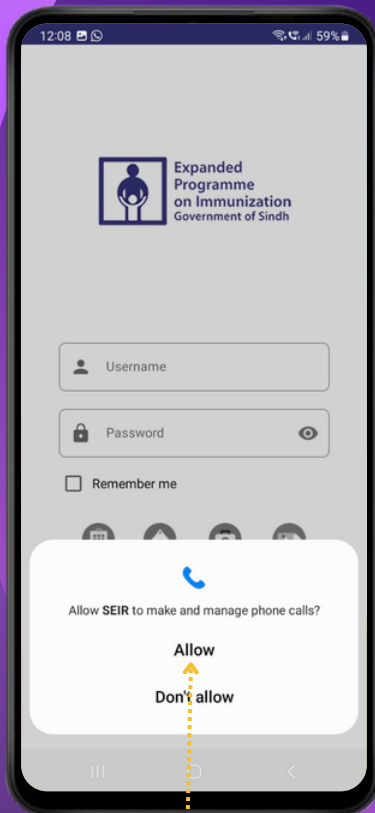
Allow SEIR to access the device's location by selecting "While using the app".



# Set-up & Login in

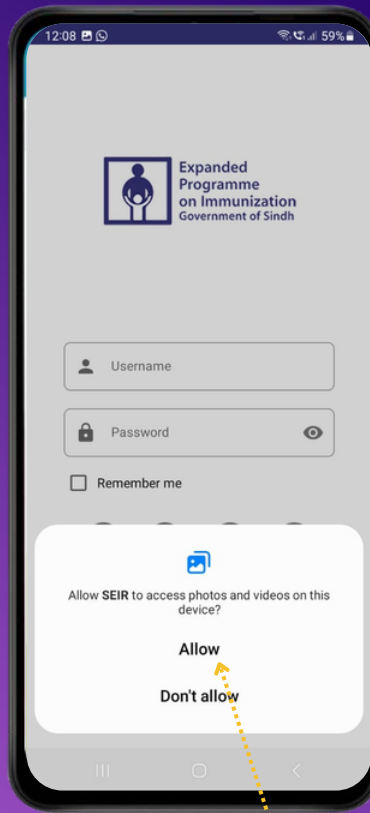
9

Log in screen will appear, once all the permissions are granted.



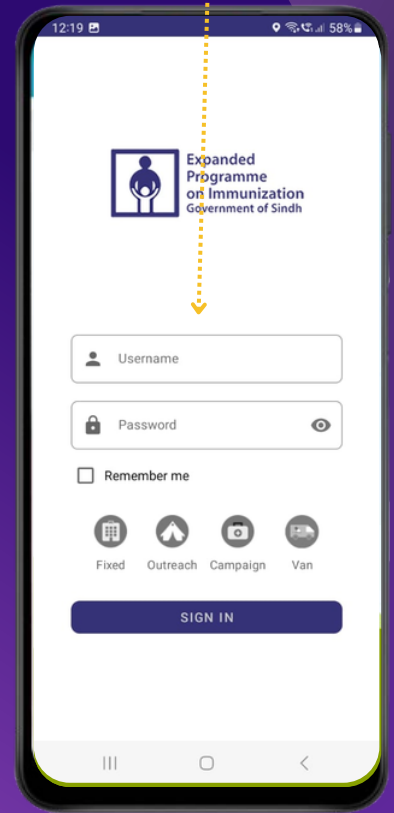
7

Allow SEIR to make phonecalls by selecting "Allow".



8

Allow SEIR to access pictures & videos by selecting "Allow".

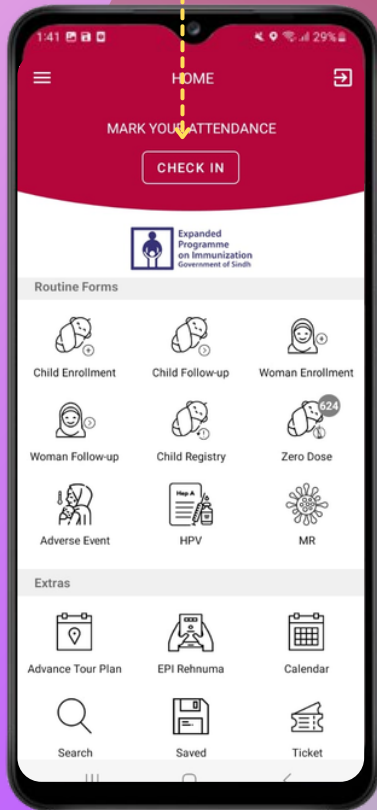


# Home screen and Navigation bar overview

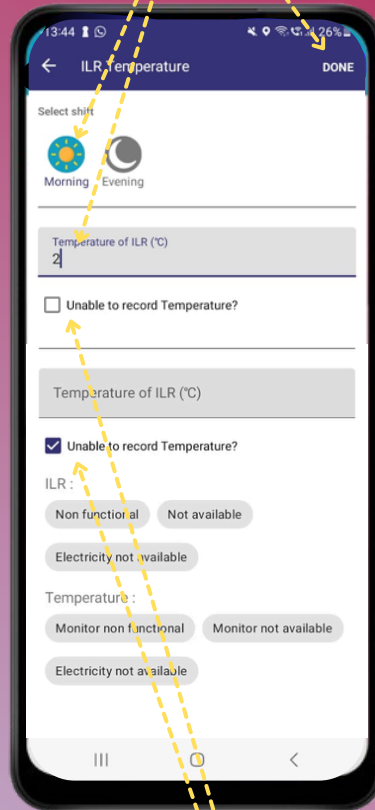


# SEIR Application Vaccinator Attendance

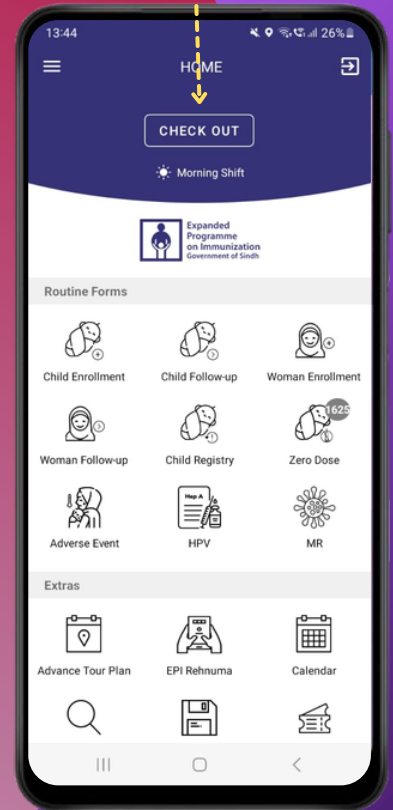
1 Tap on CHECK IN to mark attendance



2 Select shift, Enter the ILR Temperature then click on done.



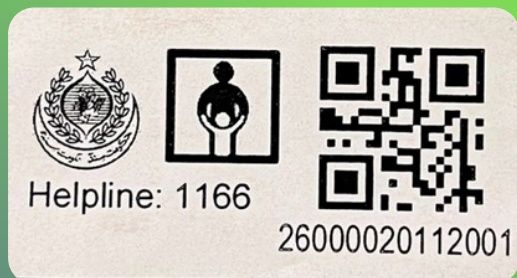
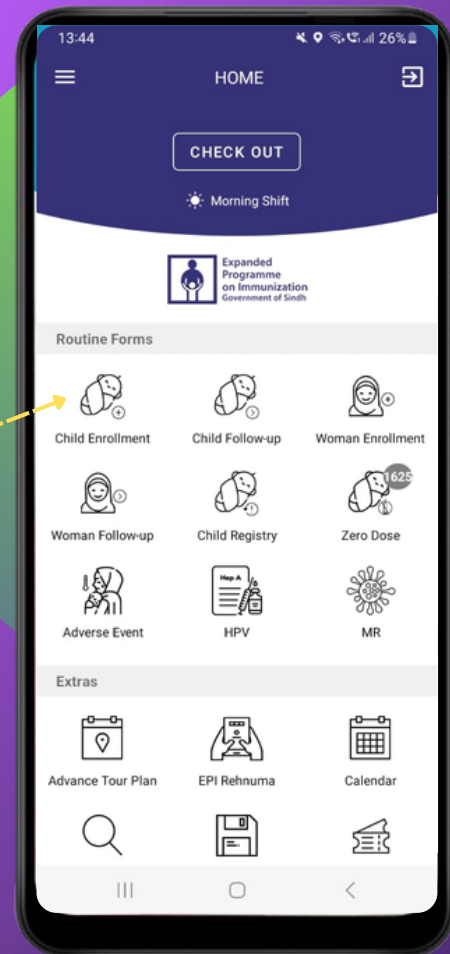
4 You have successfully checked in.



3 In case "unable to record the temperature" check this box and select your reasoning

# Child Enrollment

- The Child Enrollment Form is used to register a child in the SEIR Application system by generating a Quick Response (QR) code.
- The Enrollment Form is filled out only during the client's first visit.



- A unique QR code is assigned to each child and pasted on their immunization card.
- It is scanned at every visit for instant data retrieval.

# Understanding the Child Enrollment Form Layout

Tap the Upload (cloud) icon to submit the form to the server when internet is available

Tap the Save icon to save the form locally when internet is not available.

Bio Data tab is used to collect general information about the child.

The vaccines that are administered as boosters can be recorded under an additional option.

Vaccinations tab Displays and manages vaccination details based on the child's age.

12:47

Child Enrollment

Basic Information

Child ID

EPI Number  
2026

Kya bachey ka naam nahi rakha gya?

Child Name

Father Name

CNIC Number

Gender

Male Female

Bio Data Vaccinations Additional

# Bio Data Tab – Required Fields

The Bio Data tab requires four sections to be completed

Basic Information

Address Details

Contact Details

Delivery Details

Child Enrollment

Basic Information

Child ID

EPI Number  
2026

Kya bachey ka naam nahi rakha gya?

Child Name

Father Name

CNIC Number

Gender  
Male Female

Bio Data Vaccinations Additional

Child Enrollment

Contact Details

Kya teekon ka course iss hee center se mukamal karenge?  
Yes No

Mobile Number

Raabtay ke liye koi aur number

Delivery Details

Bache ki paidaish kahan hui?

Bio Data Vaccinations Additional

Child Enrollment

Address Details

District  
Karachi Central District

Town/Taluka  
Gulberg

Union Council  
SAMNABAD - 2

Address

Koi qareebi nishaani

Contact Details

Kya teekon ka course iss hee center se mukamal karenge?

Bio Data Vaccinations Additional

Child Enrollment

Additional Fields

Bache ki Maa ki taleem kitni hee?  
Please Select

Maa ka TT vaccine ka course  
Please Select

CANCEL OK

Bache ki paidaish kahan hui?

Bio Data Vaccinations Additional

Optional Section

# Vaccination Tab – Functional Overview

4 Click on Save/Upload

Select if Vaccine is already administered but the date is unknown.

Refresh Button

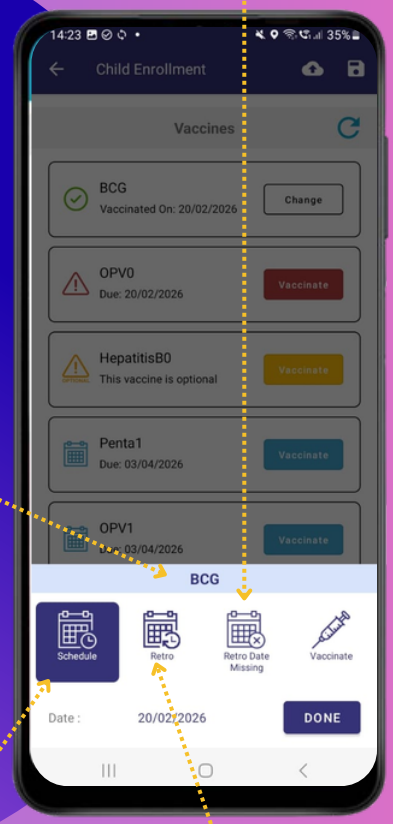
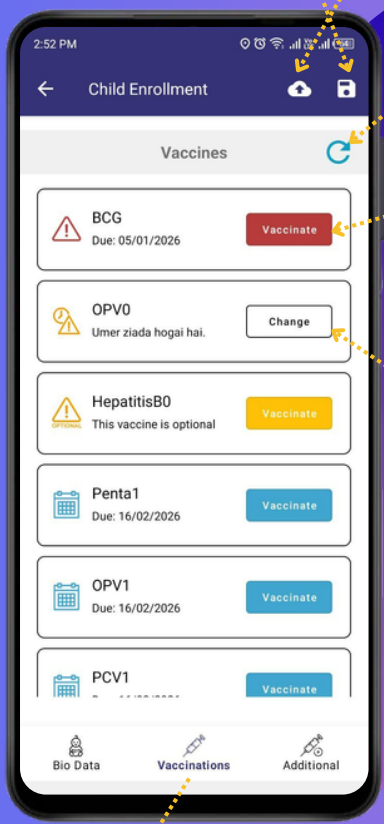
2 Tap Vaccinate button for vaccines that have been given to the child

3 If one vaccine is given and the other is scheduled or past, tap Change to open the menu.

Tap on schedule and select a date when the vaccine will be administered

Select if Vaccine is already administered and the date is known.

1 Tap here to land on vaccination page



# Understanding the Additional Tab Layout

Tap the Upload (cloud) icon to submit the form to the server when internet is available

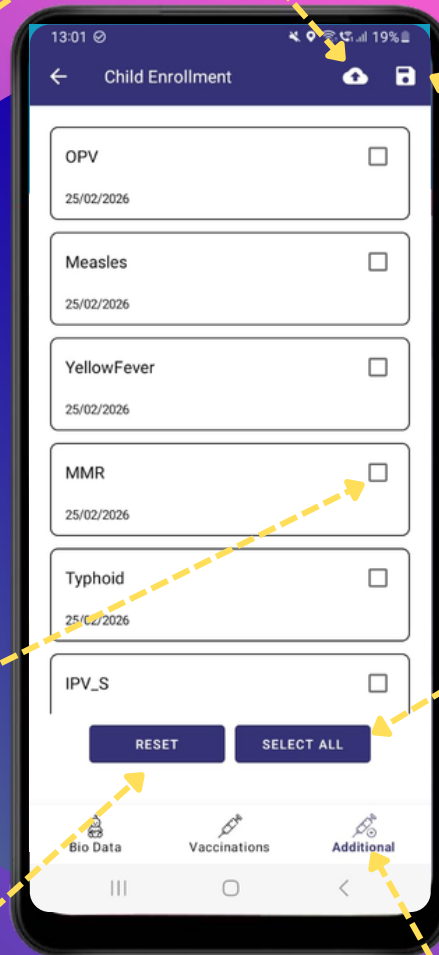
Tap the Save icon to save the form locally when internet is not available.

Allows the user to mark the vaccine as administered or recorded.

Automatically selects all vaccines in the list.

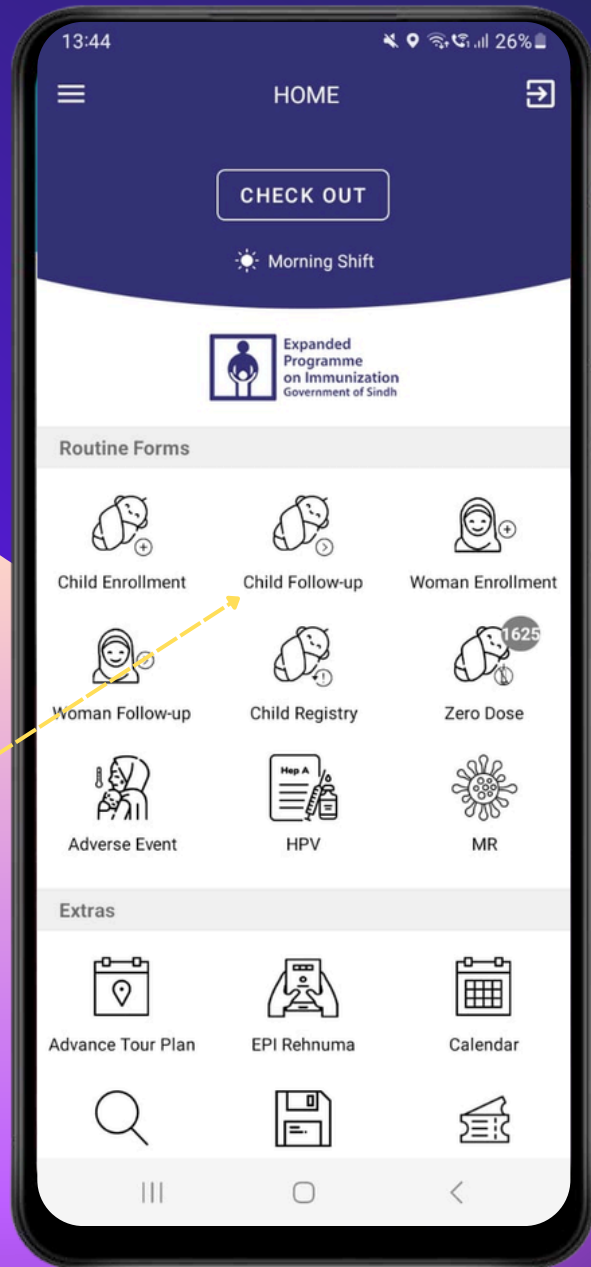
Clears all selected checkboxes and restores the default state.

Tap here to land on the Additional screen



# Child Follow-up

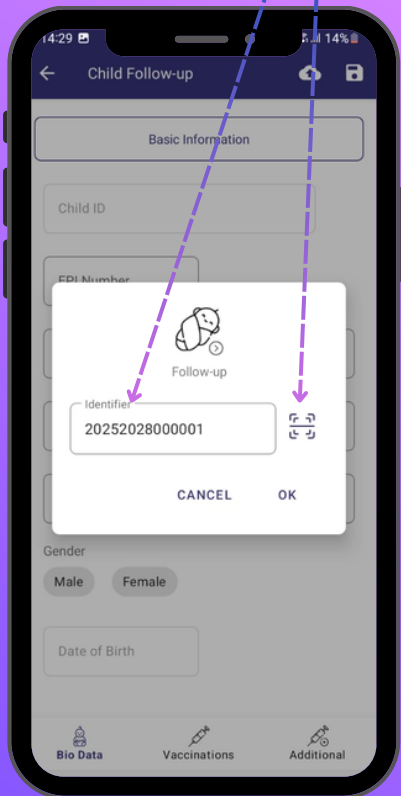
Follow-up form is filled on child's every visit after registration in SEIR Application.



# Child Follow-up Steps

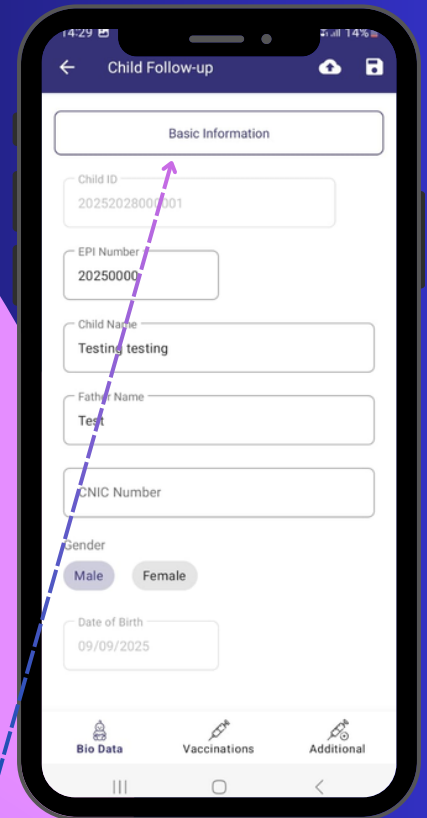
1

Scan or enter the 14-digit QR number



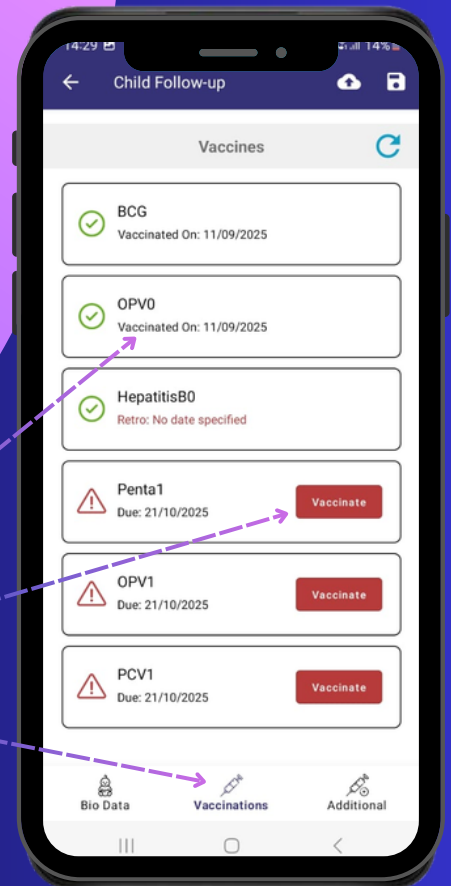
2

The previously recorded data will be automatically populated from the server.



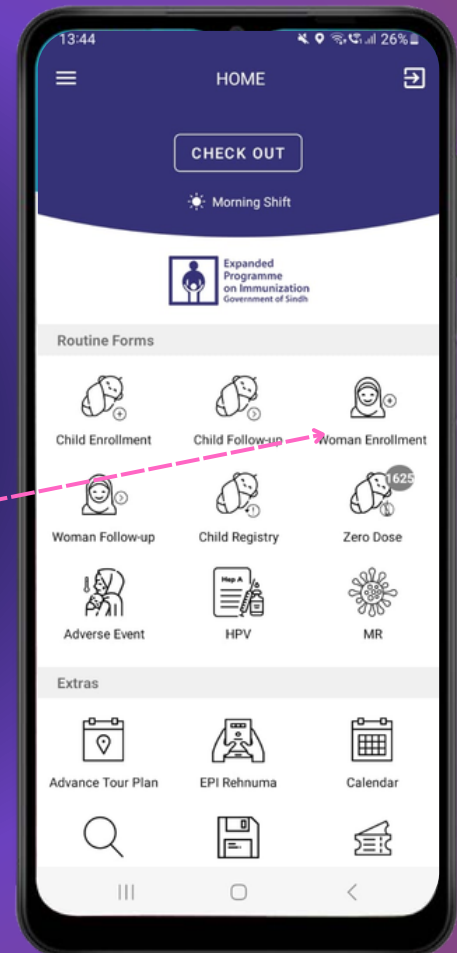
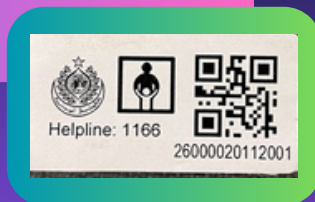
3

Tap the Vaccination icon for follow-up. Previous vaccines and new recommendations (based on visit date) auto-populate.



# Woman Enrollment

- The Enrollment Form is used to register a woman in the SEIR application using a QR code.
- It is completed only during the client's first visit.



# Understanding the Women Enrollment Form Layout

Tap the Upload (cloud) icon to submit the form to the server when internet is available

Tap the Save icon to save the form locally when internet is not available.

Bio Data tab is used to collect general information about the women.

Vaccinations tab Displays and manages vaccination details.

13:50 14%

← Woman Enrollment

Basic Information

Woman ID

EPI Number  
2026

Woman Name

Father Name

Husband Name

CNIC Number

Date of Birth

Calendar

Age

Bio Data

Vaccinations

# Bio Data Tab – Required Fields

The Bio Data tab requires three sections to be completed

Basic Information


Address Details

Contact Details

13:50 14%

← Woman Enrollment

Basic Information

Woman ID 



EPI Number  
2026

Woman Name

Father Name

Husband Name

CNIC Number

Date of Birth  

Calendar Age

Bio Data Vaccinations

13:50 14%

← Woman Enrollment

Address Details

District  
Karachi Central District

Town/Taluka  
Gulberg

Union Council  
SAMNABAD - 2

Address

Koi qareebi nishaani

Contact Details

Mobile Number

Bio Data Vaccinations

# Vaccination Tab – Functional Overview

5

Click on Save/Upload

Refresh Button

2

Tap Vaccinate button for vaccines that have been given to the women

3

Select the Women status

4

If one vaccine is given and the other is scheduled or past, tap Change to open the menu.

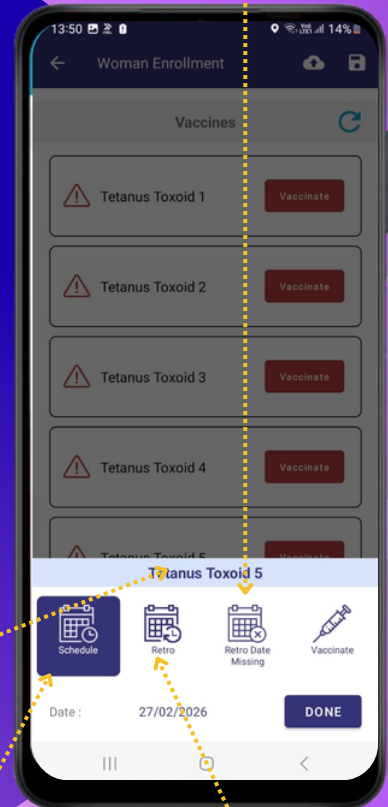
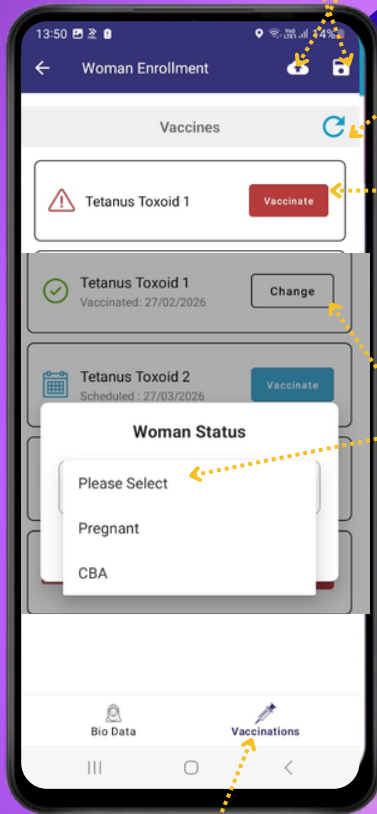
Select if Vaccine is already administered but the date is unknown.

1

Tap here to land on vaccination page

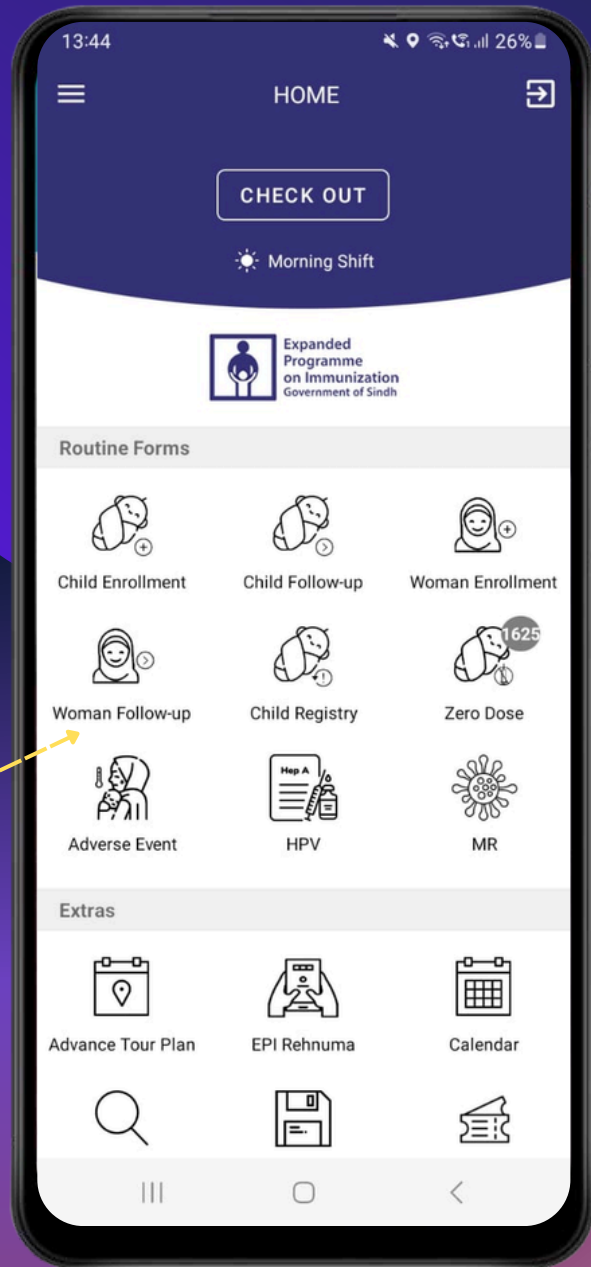
Tap on schedule and select a date when the vaccine will be administered

Select if Vaccine is already administered and the date is known.



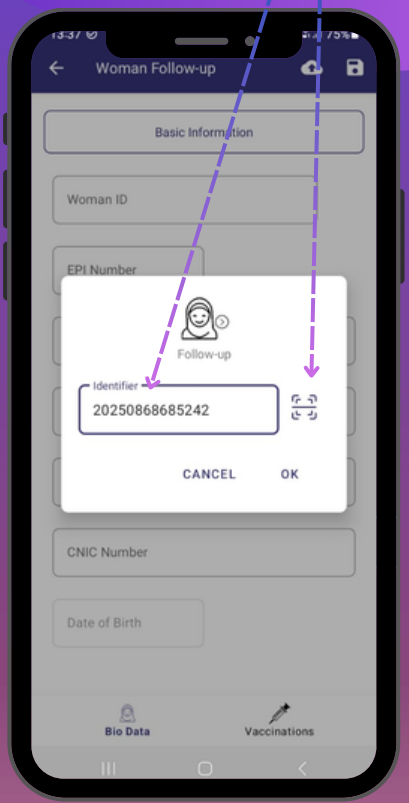
# Women Follow-up

Follow-up form is filled on Women's every visit after registration in SEIR Application.

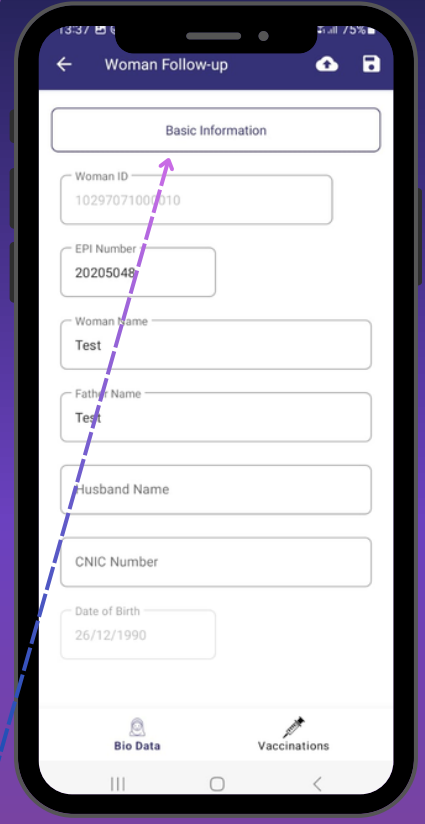


# Women Follow-up Steps

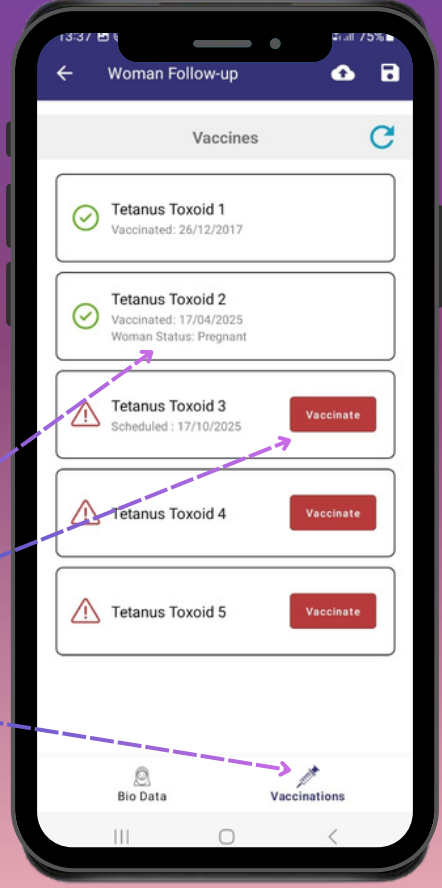
**1** Scan or enter the 14-digit QR number



**2** The previously recorded data will be automatically populated from the server.



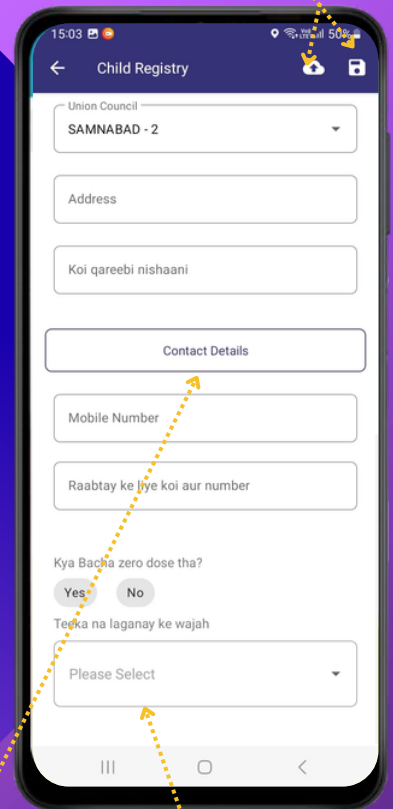
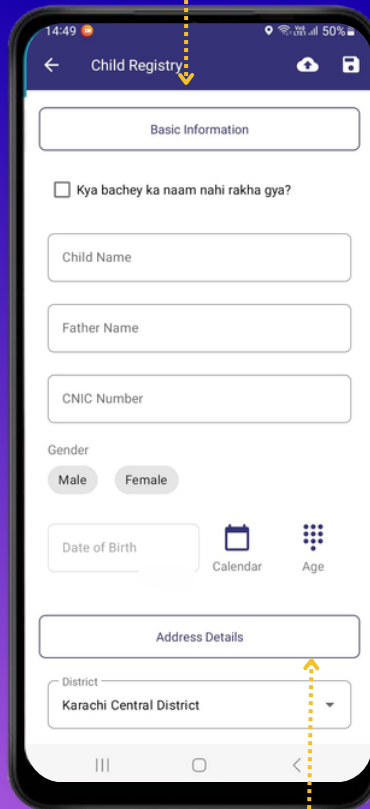
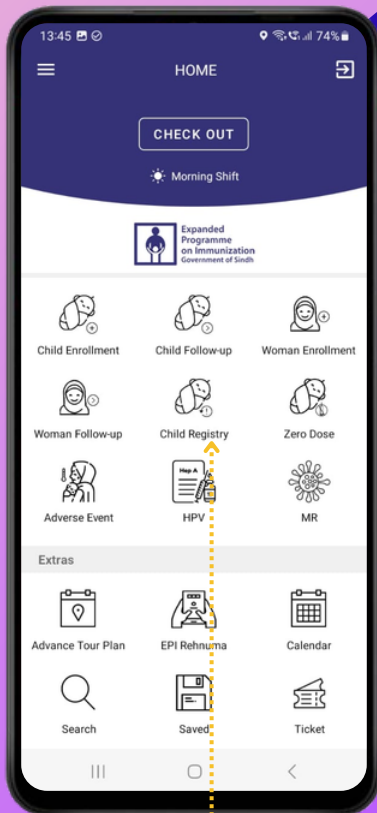
**3** Tap the Vaccination icon for follow-up. Previous vaccines and new recommendations (based on visit date) auto-populate.



# Child Registry

2 Fill the Basic Information section.

5 Click Save/Upload



1 Tap on Child Registry, this feature is used when child has not received any vaccine due to reasons such as illness, refusal, or the child being unavailable.

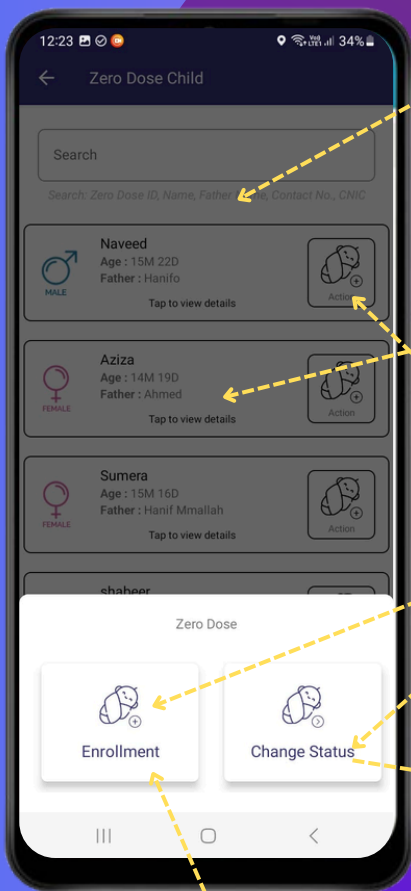
4 Select the reason why the child is unvaccinated, or specify the reason if it is not listed.

3 Fill the Address and contact details sections.

# Zero Dose

The Zero-Dose feature focuses on identifying and reaching children who have not received any routine vaccinations. It captures critical information about zero-dose children to support proper tracking and timely follow-up.

Once the child is uploaded through zero dose registry, it will be linked to the child's residential UC vaccinators and the list of children populates.



1

Tap on record to view details

2

Tap on the Action button and select the desired action.

4

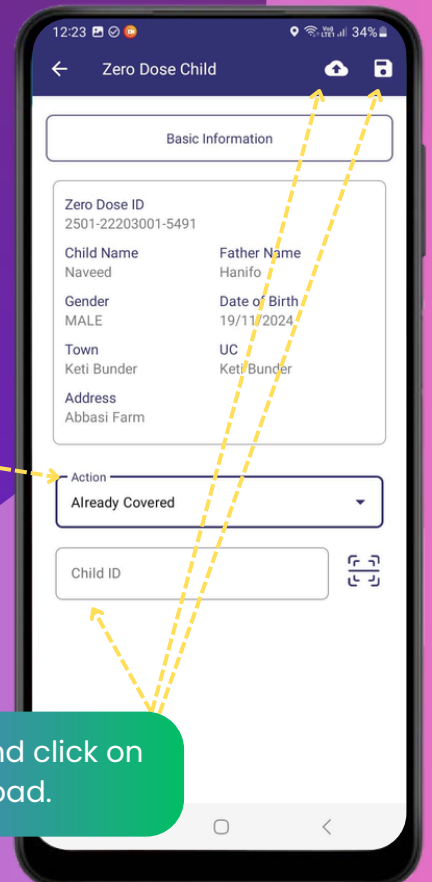
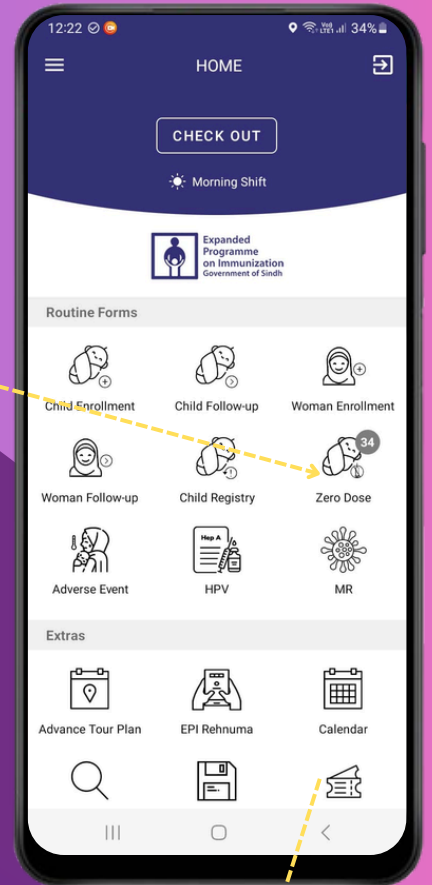
select Change Status to update the child's status.

3

Choose Enrollment to enroll the child in the routine vaccination program.

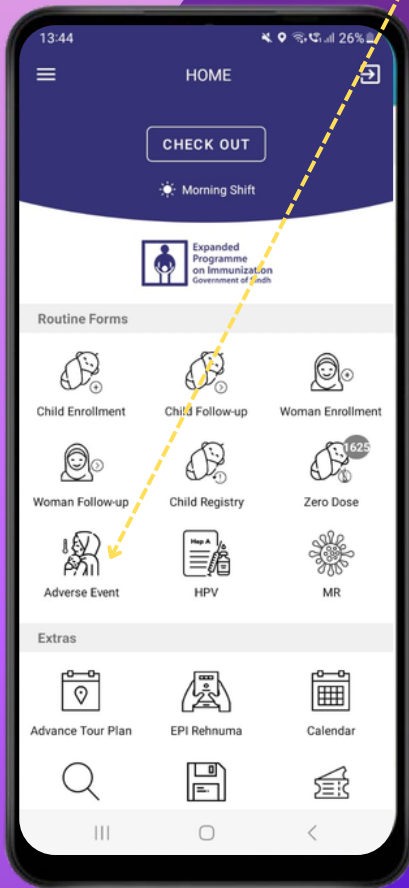
5

Enter Child ID and click on save/upload.

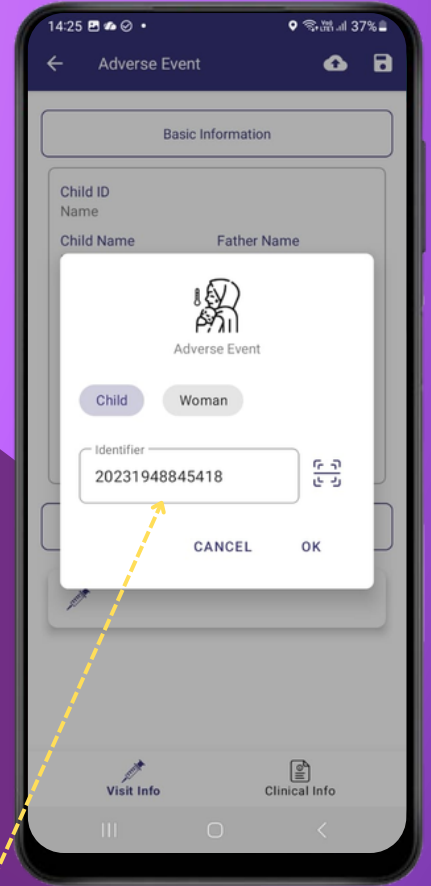


# Adverse Event Entry

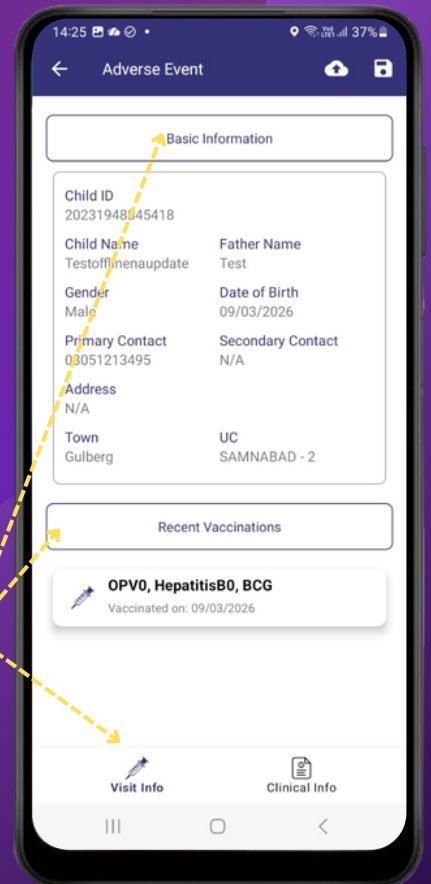
The AEFI (Adverse Event Following Immunization) form is used to report any adverse event that occurs after the administration of a vaccine.



1 Scan or enter the 14-digit QR number



2 In the Visit Info tab, you can view the basic information and the most recent vaccine administered.



# Adverse Event Entry

9

Click on Save/Upload

Adverse Event

Symptoms onset date  
11/03/2026

Calendar

AEFI Signs & Symptoms  
Test

Type of issue  
Major Minor

Hospitalized  
Yes No

Name of hospital  
Test

Address of hospital  
Test

Outcome  
Recovered with sequelae

Visit Info Clinical Info

5

Enter the symptoms onset date.

6

Select the type of issue – whether it is minor or major.

7

Indicate whether the child or woman was hospitalized. If Yes, enter the hospital name and address.

8

Under the Outcome section, select the outcomes from the dropdown that the child or woman is experiencing.

4

Under the Symptoms section, select the complaints or issues that the child or woman is experiencing.

Adverse Event

Symptoms

Complain(s)

Severe Local Reaction	<input checked="" type="checkbox"/>
Fever	<input checked="" type="checkbox"/>
Rash	<input type="checkbox"/>
Unconsciousness	<input type="checkbox"/>
Injection site abscess	<input type="checkbox"/>
Swelling at injection site	<input type="checkbox"/>
Redness at injection site	<input type="checkbox"/>
Anaphylaxis	<input type="checkbox"/>
Fits and seizure	<input type="checkbox"/>
Diarrhea	<input type="checkbox"/>
Nausea and vomiting	<input type="checkbox"/>

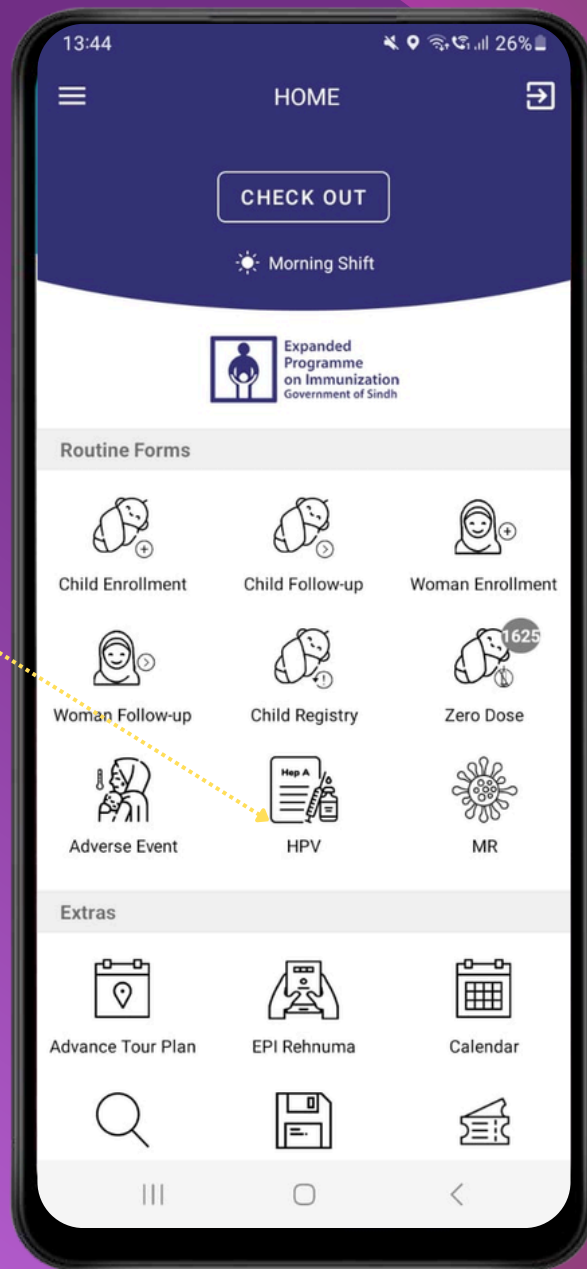
Visit Info Clinical Info

3

Click on the Clinical Info tab to open the page where you can record symptoms.

# Human Papillomavirus (HPV) -Form

The HPV Form is used to record and manage information related to HPV vaccination, helping ensure accurate documentation and tracking of immunization records.



# Understanding the HPV Form Layout

**Uploaded:**  
Displays forms that have been successfully uploaded.

**Uploading:**  
Displays forms that are currently in the process of being uploaded.

Tap on the Add Vaccination button to open the vaccination form.

Activity and Location Type are displayed

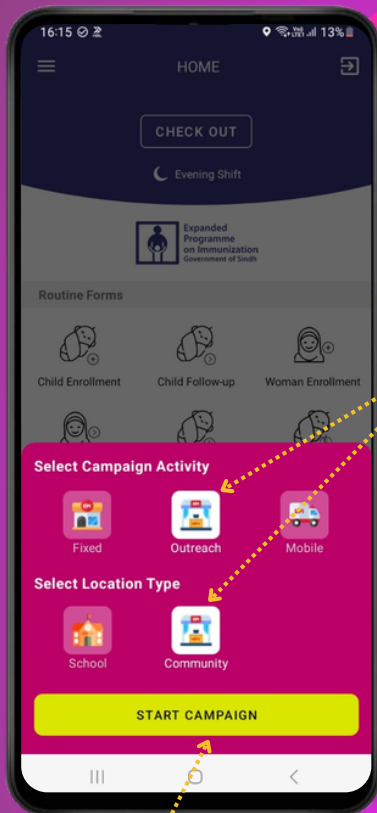
**Saved:**  
Displays forms saved locally on the device.

A Search bar is available to help you quickly find specific entries.

The screenshot shows a mobile application interface for HPV vaccinations. At the top, there's a header with a back arrow, the title 'Vaccinations', and two buttons: 'RHC-Bhaghan' and 'Outreach'. Below the header, there are three tabs: 'Uploaded' (selected), 'Saved', and 'Uploading'. A search bar is located below the tabs with the placeholder text 'Search by Name, Father's name or ID' and a magnifying glass icon. The main content area displays a list of four vaccination records, each with a unique ID, name, location, and date, and a 'View' button. At the bottom, there is a red 'Add Vaccination' button. The status bar at the very top shows the time as 14:21 and battery level at 32%.

ID	Name	Location	Date	Action
03B91E1BE15A	Komal	RHC-Bhaghan	01-10-2025	View
D64465B07F28	Sajni	RHC-Bhaghan	01-10-2025	View
99FB7F74A817	gulbano	RHC-Bhaghan	01-10-2025	View
BCB3597623E4	Benazir	RHC-Bhaghan	01-10-2025	View

# Steps to Administer an HPV Vaccination

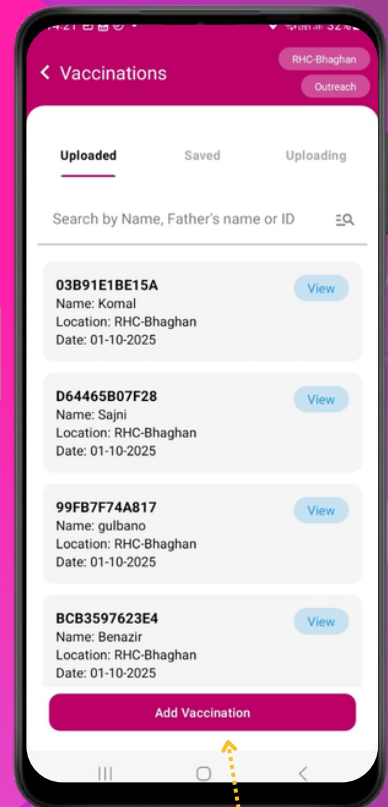


1

Click on the HPV Form, then select the Activity and Location Type.

2

Click on Start Campaign



3

Tap on the Add Vaccination button to open the vaccination form.

# Steps to Administer an HPV Vaccination

14:23 SAUMH Thatta  
Outreach

Vaccination Form

Father Name \*

Date of Birth Age

CNIC Number

Mobile Number

District  
Karachi Central District

Town/Taluka  
Gulberg

Union Council  
SAMNABAD - 2

Address

Save Upload

4

Fill in the required basic information for the girl in the form.

5

Tap on the Save button to store the form locally on the device.

6

Tap on the Upload button to submit the form to the server.

7

Tap on the Activity/Location Type to:

- Change or update the current activity/location
- Exit the current activity.

14:24 SAUMH Thatta  
Outreach

Vaccinations

Uploaded Saved Uploading

Search by Name, Father's name or ID

BD0A319DA50D  
Name: Hpvtestone  
Location: SAUMH Thatta  
Date: 10-03-2026

A22D50B9AE76  
Name: Testone

Select Campaign Activity **EXIT CAMPAIGN**

Fixed Outreach Mobile

Select Location Type

School Community

UPDATE HPV CAMPAIGN

8

Select a different Activity or Location Type, then tap on the Update button to apply the changes.

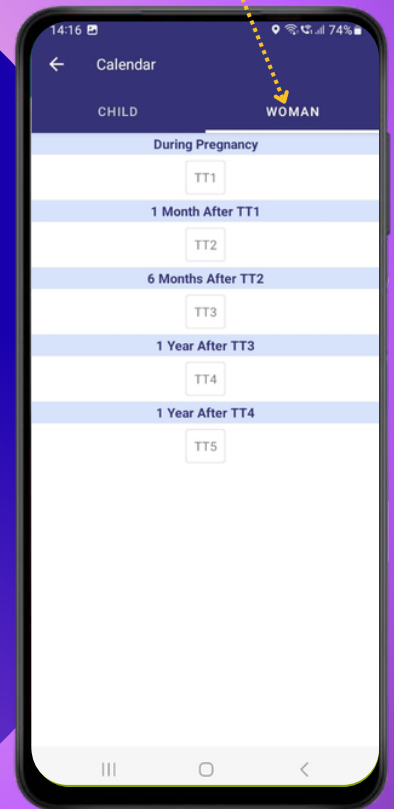
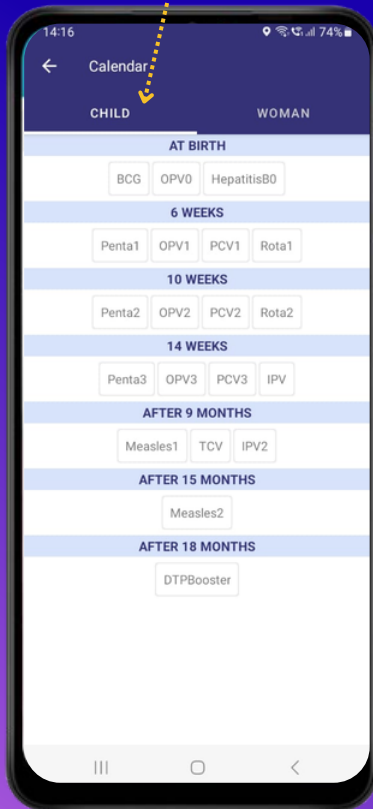
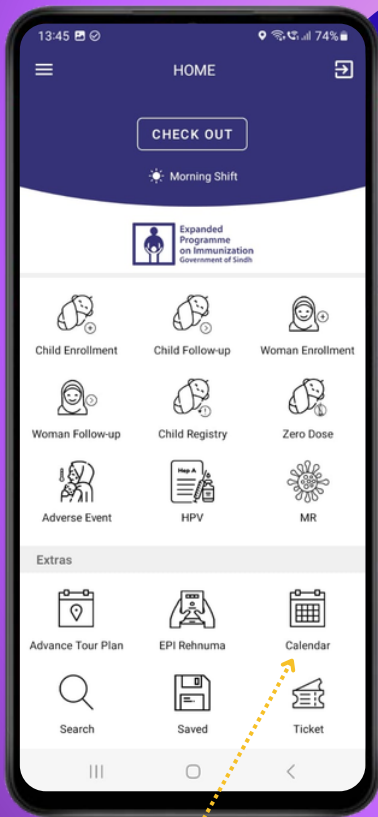
9

Tap on the Exit button to exit and return to the home screen.

# Vaccination Calendar

This tab shows child schedule for vaccinations

This tab shows Women schedule for vaccinations

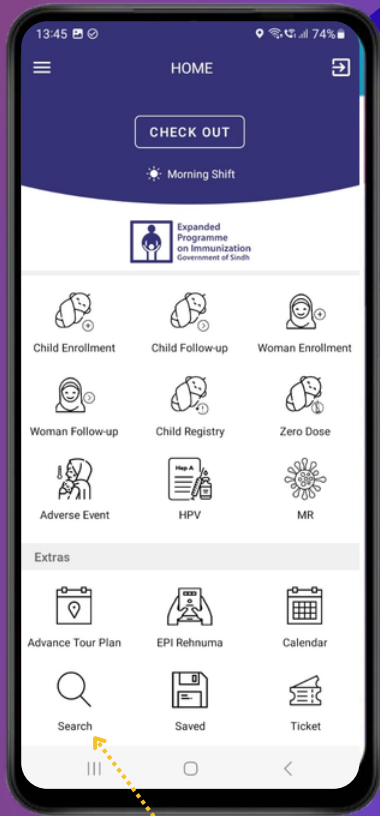


Calendar form represent the recommended vaccine schedules for child and woman.

# Search Functionality

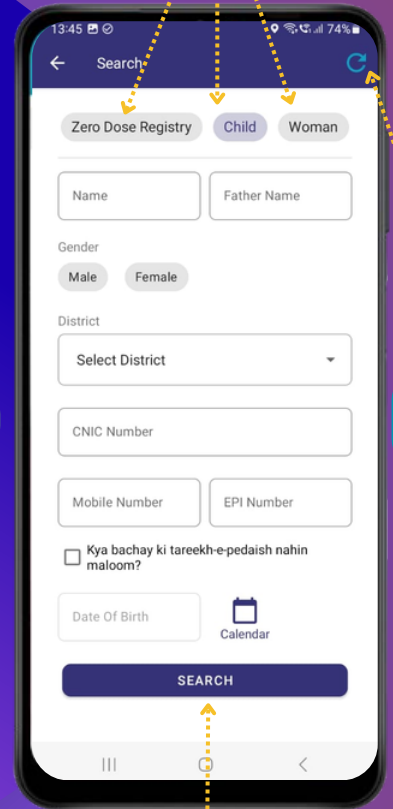
1

Select the record type (Zero Dose, Child, or Woman) to search the required data.



2

Fill the information you have



Refresh Button

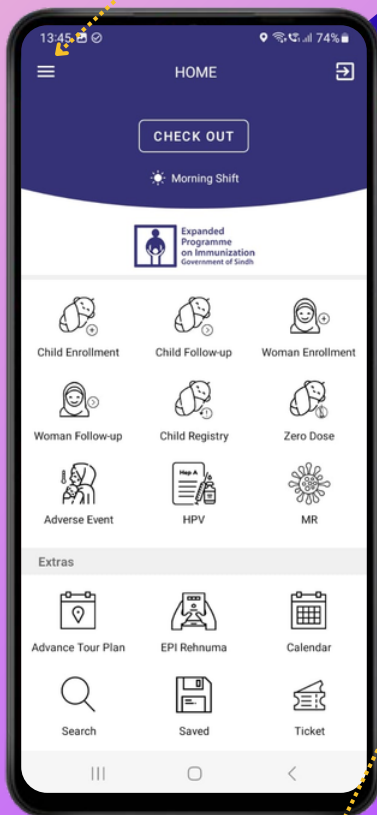
3

Click on Search.

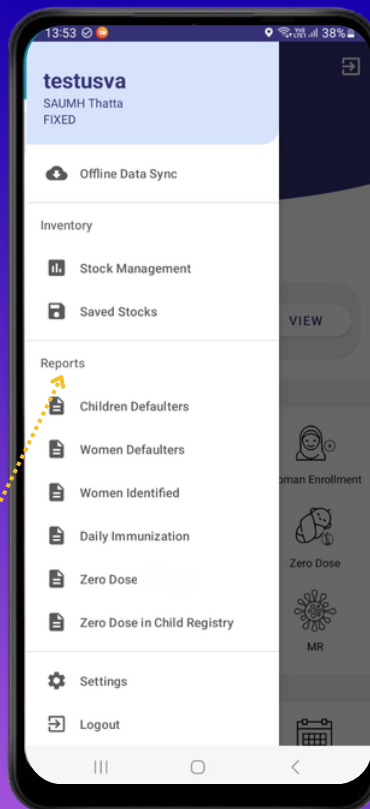
This feature is developed to search the record through basic information, in case the EPI Card with assigned QR code has lost.

# Downloadable Reports

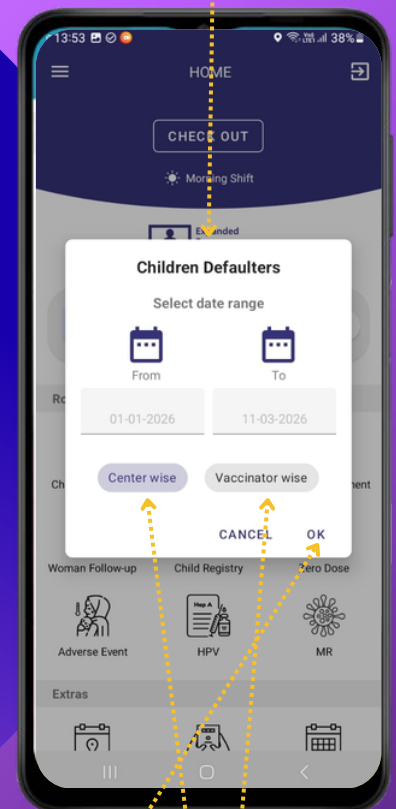
1 Click on the three-line (menu) icon on the Home Page.



2 A sidebar will open. From the sidebar, under 'Reports' choose the report you want to view from the available list.



3 After selecting the desired report, a modal window will appear select the From Date and To Date.



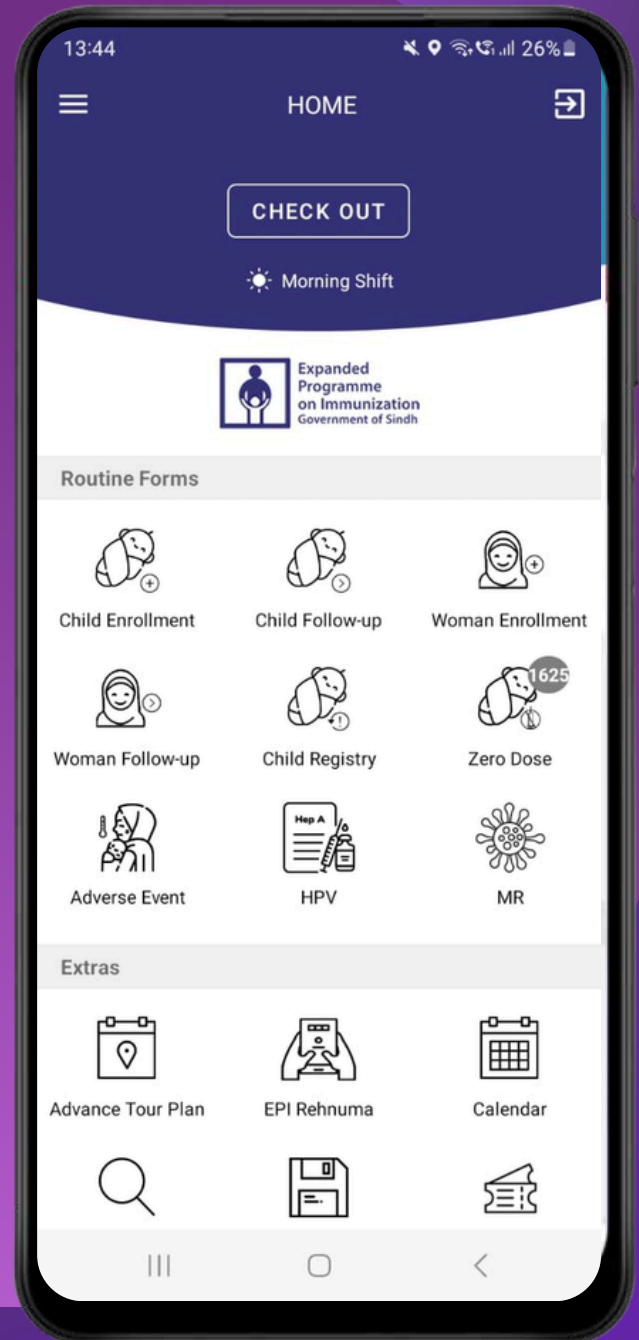
4 Choose how you want to download the report:

- Center-wise, or
- Vaccinator-wise

5 Click OK to download the report. The selected report will be downloaded to your device.

# Working in **Offline Mode**

SEIR application supports offline mode, which allows you to continue working even without an active internet connection. You can fill in routine forms and save them locally on your device. Once your internet connection is restored, you can upload the saved data to the system.



# Working in **Offline Mode**

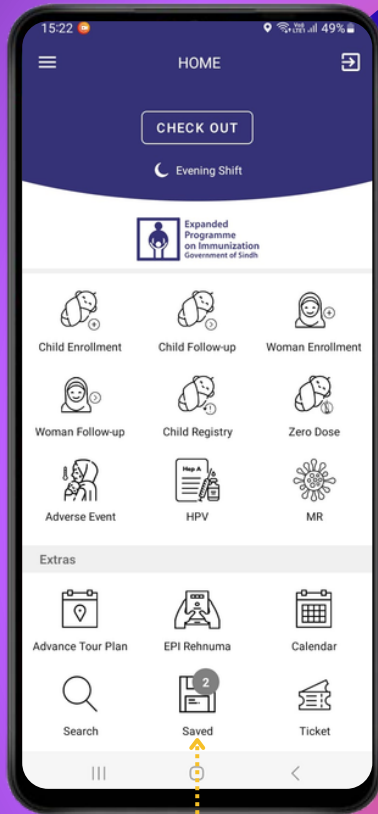
## While working offline, you can:

- Fill in all supported routine forms
- Save forms locally on your device
- View saved forms in the "Saved Forms" tab
- Edit previously saved forms
- Delete unwanted saved forms

## Limitations

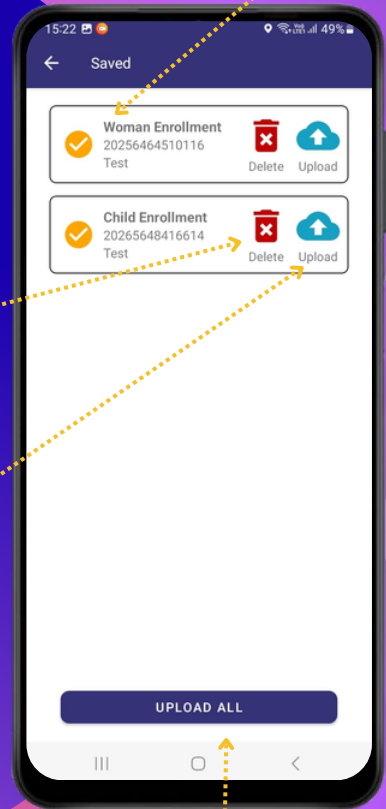
- Offline saved forms are stored only on the current device
- If the app is uninstalled, saved offline data may be lost
- Internet is required for final submission and synchronization

# Saved Forms



1 Tap the Saved Forms icon (this folder contains all forms that have not been uploaded due to internet unavailability or other reasons).

2 From the list of saved forms, tap on any form to open it in edit mode, where you can update or modify the details.



5 Tap the Upload All button to upload all saved forms in bulk.

3 Tap on the Delete icon to remove a specific form entry if it is no longer required.

4 Tap the Upload button next to an individual form to upload that specific form.

# Saved Forms

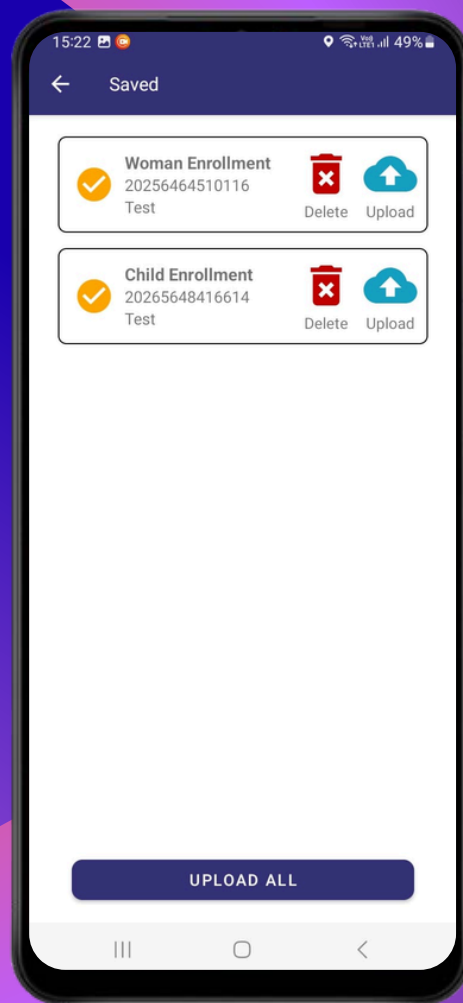
## Offline Upload and Synchronization Behaviour

The application supports offline form submission through a queued upload mechanism. Users may initiate the upload process by selecting the Upload action while the device is offline.

Upon initiation, the selected forms are added to a local upload queue and a system notification is displayed indicating that the forms will be automatically uploaded once a stable internet connection is available.

When network connectivity is restored, the system automatically processes the queued forms in the background and attempts synchronization with the server without requiring any additional user interaction. Upon successful upload, the corresponding forms are removed from the Saved Forms list.

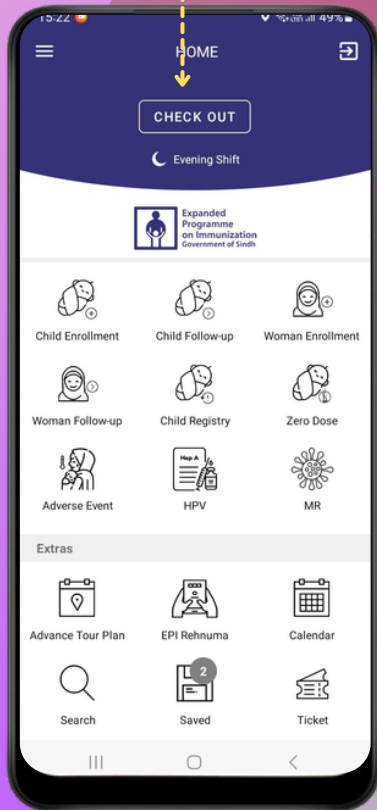
If any form fails to upload due to network issues, server errors, or connectivity interruptions, it will remain in or reappear within the "Saved Forms" list. The user can then view these forms again.



# SEIR Application Vaccinator Attendance

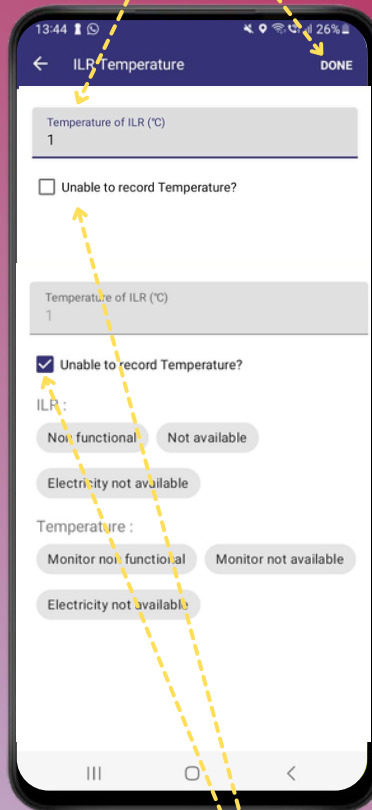
1

Tap on Check Out



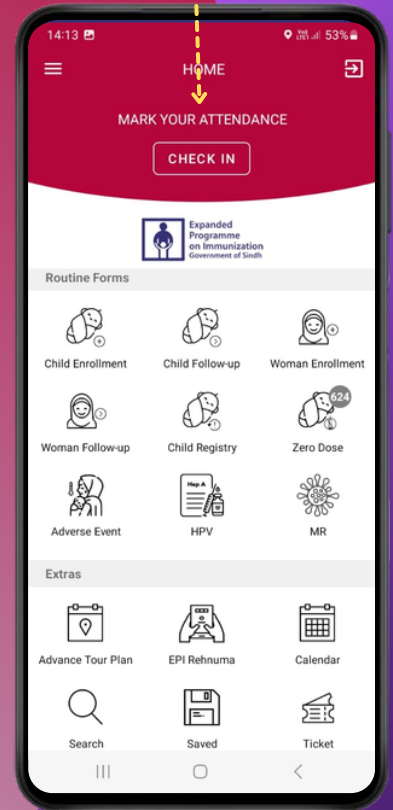
2

Enter the ILR Temperature then click on done.



4

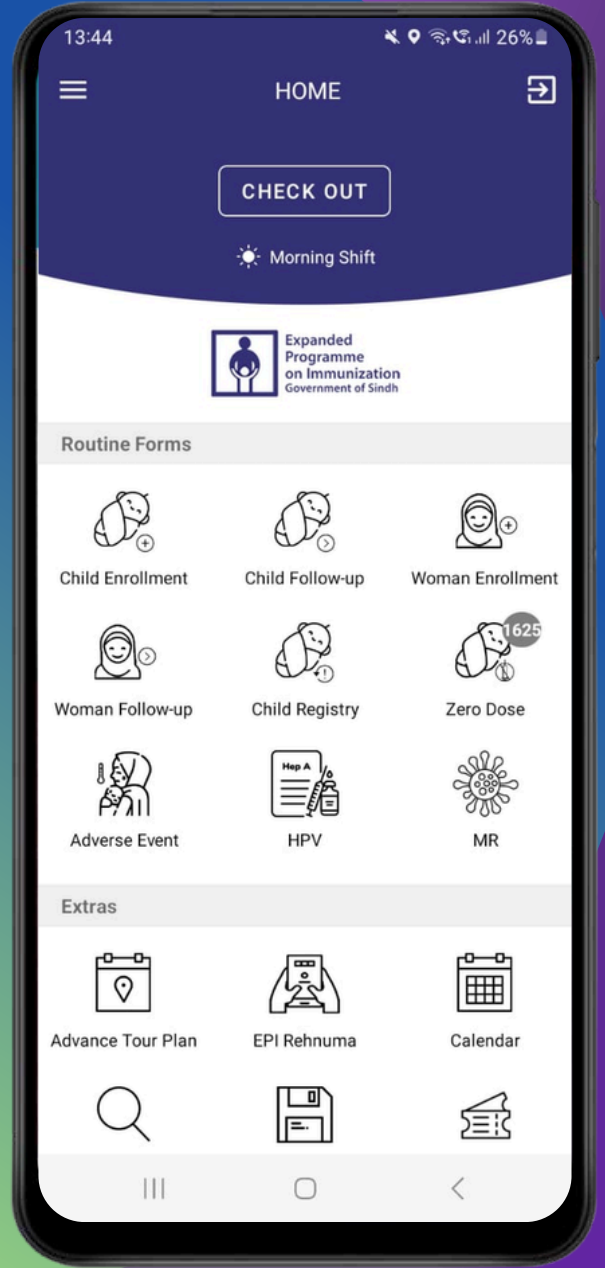
You have successfully Checked Out.



3

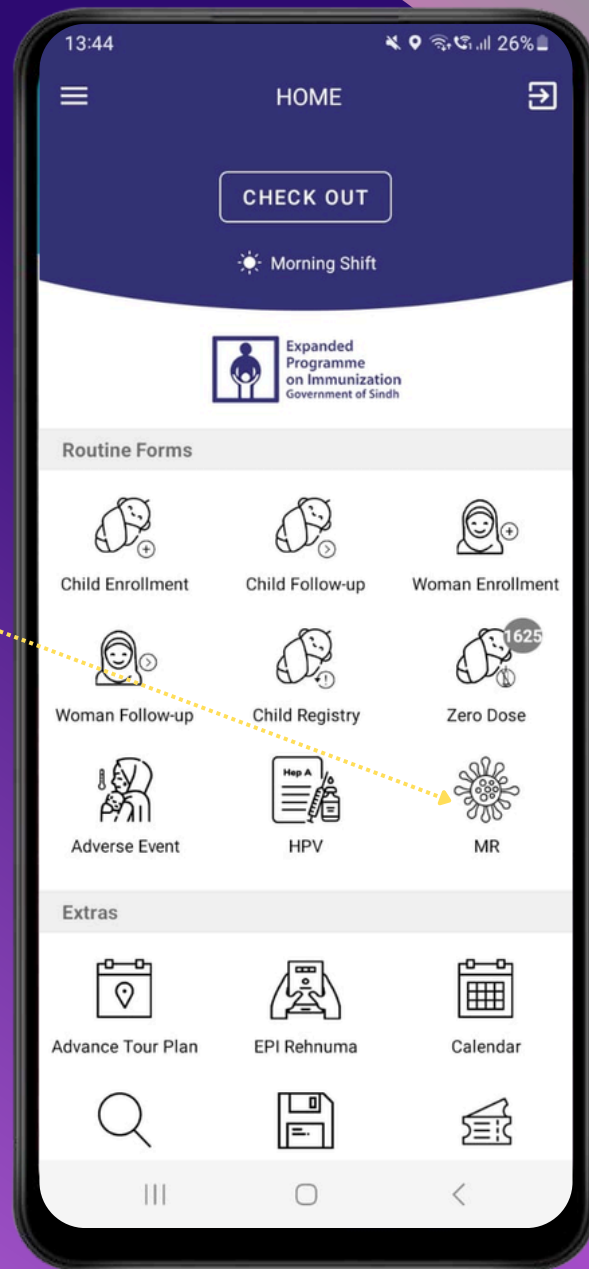
In case "unable to record the temperature" check this box and select your reasoning

# SEIR- CAMPAIGNS



# MR-OPV Vaccination

The MR-OPV Vaccination Module in SEIR was developed for the MR-OPV campaign conducted from 17th November to 29th November 2025, enabling the capture and transmission of vaccination data from the field to the central system.



# MR-OPV Vaccination Steps

15:01

MR-OPV Campaign

District  
Karachi Central District

Town/Taluka  
Gulberg

Union Council  
SAMNABAD - 2

Session Type

Site Name

MR Coverage

OPV Coverage

Kya app aj ki session site pe mojud hain?

SUBMIT

1

Select district, town, and UC

2

Select session type  
(Fixed / Outreach)

3

Enter site name

4

Enter MR and OPV  
coverage

5

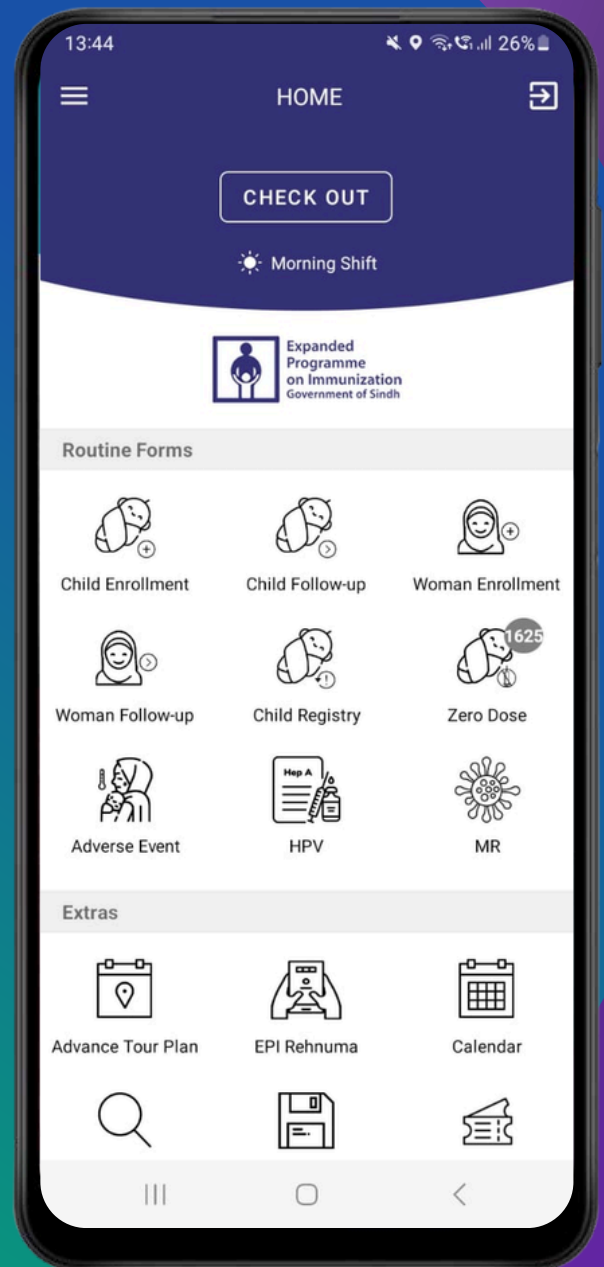
Check/uncheck the info

6

submit the form

# SEIR Application Troubleshooting Guide

This section provides quick solutions to common issues faced by vaccinators while using the SEIR application.



# Troubleshooting **Guide**

1

## **Problem**

- Login & Access Issues

**Cause:** Wrong credentials or extra spaces

## **Solution**

- Re-enter username and password carefully
- Ensure no extra spaces or special characters
- Check internet connection

2

## **Problem**

- Internet Not Working

**Cause:** Network unavailable

## **Solution**

- Check mobile data or Wi-Fi connection
- Verify active internet package
- Save forms in Offline mode and sync later when internet is available

3

## **Problem**

- Update App Pop-up Appears Repeatedly

**Cause:** Users have not updated the application

## **Solution**

- Update SEIR application when available

# Troubleshooting **Guide**

4

## **Problem**

- Server Down Message

## **Solution**

- Inform supervisor immediately
- Continue offline data entry
- Sync when server is restored

5

## **Problem**

- QR Code Does Not Exist During Follow-up

## **Solution**

- Complete enrollment before follow-up

6

## **Problem**

- Lost EPI Card / QR Not Available

## **Solution**

- Use search function to retrieve record