

MOBILE VA HEALTH

Immunization Campaign App. User Guide



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DEPARTMENT OF VETERANS AFFAIRS

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1 GENERAL INFORMATION

This paper outlines the User Guide for Immunization Campaign App that will provide a VA provider the ability to review and document immunizations in a mobile setting (outside the traditional clinic).

1.1 App Overview

The purpose of the mobile Immunization Campaign App is to support VA providers in documenting Veteran immunizations. The workflow shall include assessment for contraindications or precautions for immunization, documentation of vaccine administered and immunization lot number (dose, site, etc.).

NOTE: The current version of the app supports the *Influenza* immunization only.

1.2 Organization of the User Guide

The User Guide describes the key features and functionality of the Immunization Campaign App.

The User Guide consists of four sections:

- General Information** - Section explains in general terms the App and the purpose for which it is intended.
- App Summary** - Section provides a general overview of the App. The summary outlines the use of the App's hardware and software requirements, App's Configuration, User Access Levels and Immunization Campaign (Influenza) Workflow.
- Getting Started** - Section explains how to launch the Immunization Campaign App from Launchpad and logging into the App. The section presents briefly the App's Home screen and associated menu option screens.
- Using the App** - Section provides a detailed description of App functions.

To aid in understanding of the App, example screenshot figures are provided with the key relevant information annotated on the screenshot. And, if applicable, an additional table with a list of key data fields represented in the screenshot is provided for further explanation.

2 APP SUMMARY

App Summary section provides a general overview of the App. The summary outlines the uses of the App's hardware and software requirements, App's configuration, User Access Levels and Immunization Campaign (Influenza) Workflow.

2.1 App Configuration

Immunization Campaign App operates on mobile devices with screen display width resolution of 768 pixels or higher (e.g. tablets, laptops, etc.). To minimize data entry errors while using the App, operating the App on phone or any mobile device with small screen display is **NOT** recommended.

The application requires connection to the VA intranet network in order use the App. Data saved in VistA database can be seen using *CPRS* and *Mobile Patient Viewer App*, if needed.



ALL OF ITEMS BELOW MUST BE TRUE BEFORE USING THIS APP

Hardware/Software/Network Connectivity

- ❖ I am using a Government Furnished Equipment (GFE) mobile device.
- ❖ I am using a mobile device with a screen size of a tablet or larger (*App is not recommended on SmartPhone*).
- ❖ I am connected to the VA Intranet network.
- ❖ I do have access to **CPRS** nearby in case I need to view** or enter allergy information or document a contraindication to the vaccine for a Patient.

Vaccine for Campaign (on-hand with the user)

- ❖ I do have the physical copies of the Vaccine Information Sheet (VIS) (*to be given to Patients*).
- ❖ I do have the physical vial/box of the Vaccine (*need Trade Name, Lot Number, and Expiration Date*).
- ❖ I do have the package inserts published by the manufacturer of the Vaccine or some other definitive source of information (*to determine if the formulation contains latex*).

**** Possible to view allergy information from the *Mobile Patient Viewer App***

2.2 User Access Levels

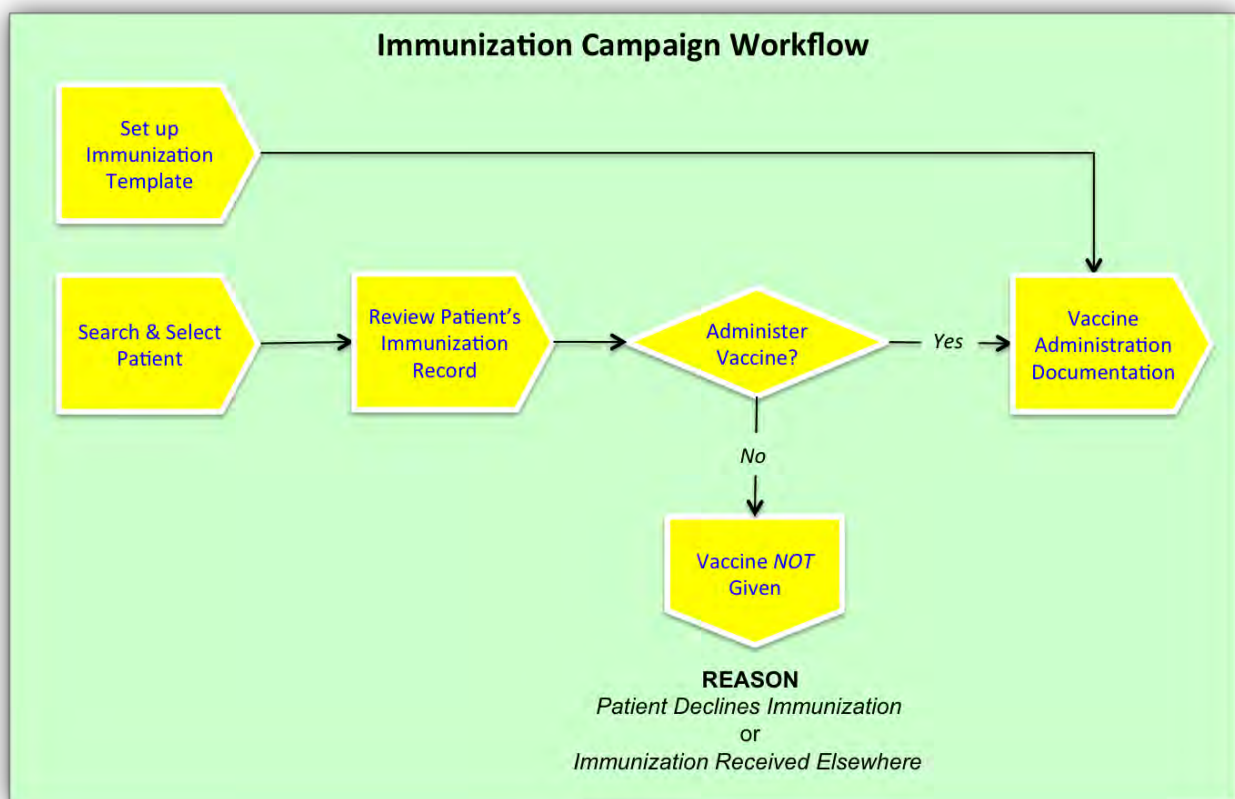
Only the users with valid VistA credentials¹ can use the application via Single-Sign-On (SSO).

Additionally, only the users with valid **Electronic Signature Code** can save data (“Sign & Submit”) to the VistA database.

2.3 Immunization Campaign Workflow

The following workflow illustrated below summarizes the high-level process of Administering Immunization for a Patient (see Figure 1).

FIGURE 1 - IMMUNIZATION CAMPAIGN WORKFLOW



¹ **VistA credentials:**

User Name (Access Code); Password (Verify Code); VA Hospital Location (Your Facility)

3 GETTING STARTED

Getting Started section explains how to access Immunization Campaign App from Launchpad, and logging in. The section presents briefly the App's Home screen and associated menu option screens.

3.1 Installation and Logging In

Immunization Campaign App can be downloaded from the *VHA App Store* and installed on to the mobile device.

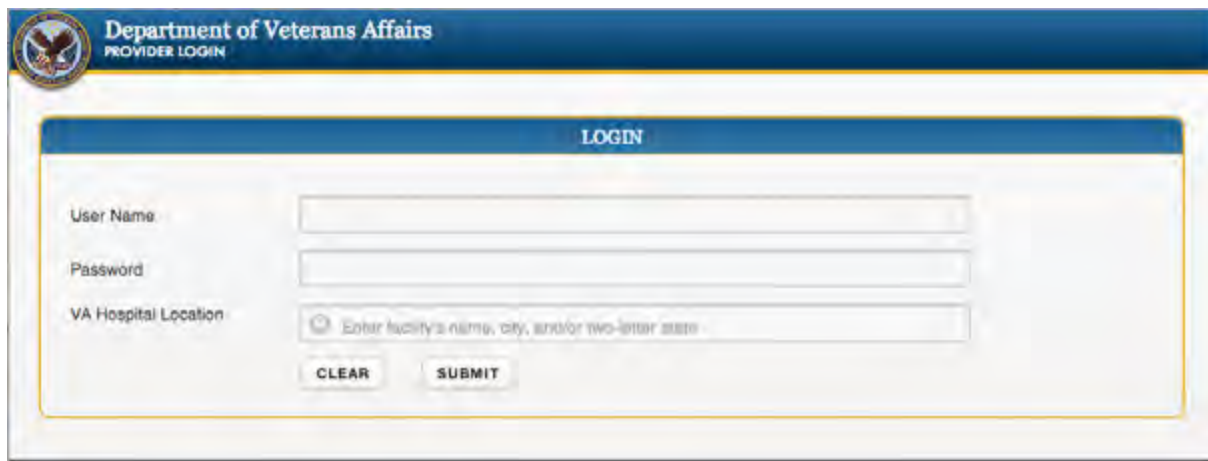
To launch the App, select the Immunization Campaign App from the Launchpad ([see Figure 2](#)).

FIGURE 2 – EXAMPLE OF LAUNCHPAD WITH IMMUNIZATION CAMPAIGN APP ICON



If the user is not already logged-in from the Launchpad, the Login screen is shown and the user enters valid VistA credentials² (see Figure 3).

FIGURE 3 - PROVIDER LOGIN SCREEN



The screenshot shows the Department of Veterans Affairs Provider Login screen. The header is blue with the VA logo and the text "Department of Veterans Affairs PROVIDER LOGIN". Below the header is a white box with a blue "LOGIN" title. Inside the box, there are three input fields: "User Name", "Password", and "VA Hospital Location". The "VA Hospital Location" field has a dropdown arrow and placeholder text "Enter facility's name, city, and/or two-letter state". At the bottom of the box are "CLEAR" and "SUBMIT" buttons.

² **VistA credentials:**

User Name (*Access Code*); Password (*Verify Code*); VA Hospital Location (*Your Facility*)

3.2 Home screen

Home screen provides four menu choices: Immunization Template, Patients, Resources, and User Guide (see Figure 4). Overview of the menu options are further detailed in subsequent sections.

Details of the screen are illustrated in Figure 4, Figure 5 & Table 1, Table 2 below.

FIGURE 4 - HOME SCREEN (NO CAMPAIGN)

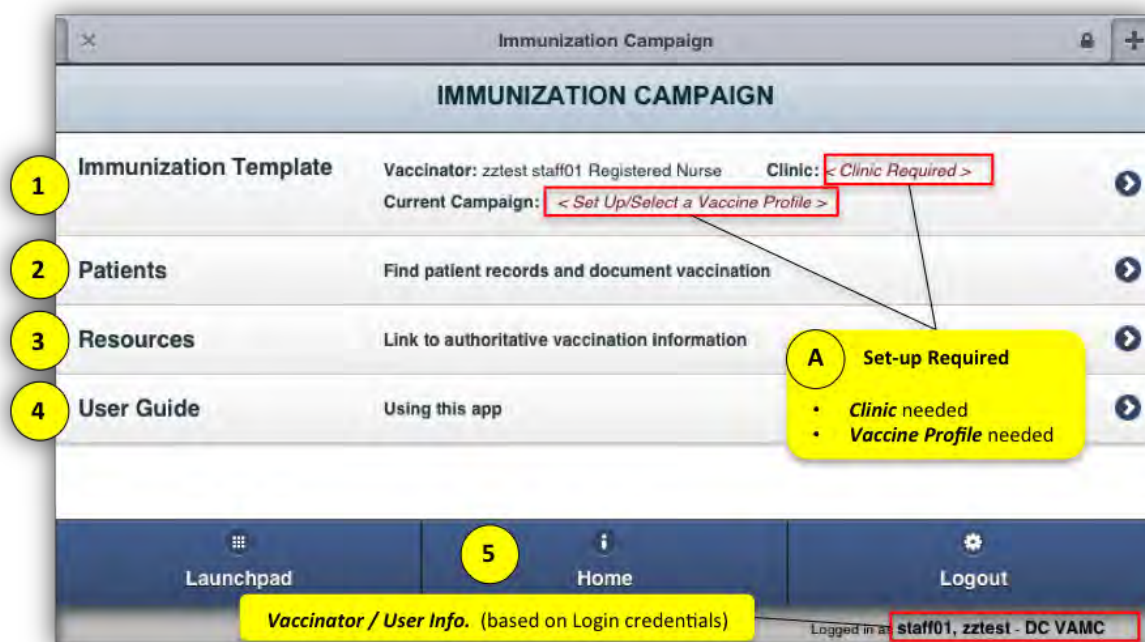


TABLE 1 - HOME SCREEN (NO CAMPAIGN) DETAILS

Item	Label	Description	Notes
1	Immunization Template	Immunization Template menu button	<ul style="list-style-type: none"> Go to Immunization Template screen. Refer to 3.3 Immunization Template screen for more details.
2	Patients	Patients menu button	<ul style="list-style-type: none"> Go to Patients screen. Refer to 3.4 Patients screen for more details.
3	Resources	Resources menu button	<ul style="list-style-type: none"> Go to Resources screen. Refer to 3.5 Resources screen for more details.
4	User Guide	User Guide menu button	<ul style="list-style-type: none"> Launch App's User Guide. Refer to 3.6 User Guide for more details.

5	Home	Home button	<ul style="list-style-type: none"> Return to Home screen. Refer to 3.2 Home screen for more details.
A	< Clinic Required >	Displays the selected Clinic applicable for the <i>Patient Encounter Location</i> related to the Immunization.	<ul style="list-style-type: none"> Clinic (Location) is required as part of Immunization Template set-up. See Figure 5 for example of Location / Clinic value entered/selected.
	< Set Up / Select a Vaccine Profile >	Displays the available vaccine profiles applicable for the Campaign	<ul style="list-style-type: none"> At least one vaccine profile is required as part of Immunization Template set-up. See Figure 5 for examples of vaccine profiles listed in the Campaign.

FIGURE 5 - HOME SCREEN (WITH CAMPAIGN)

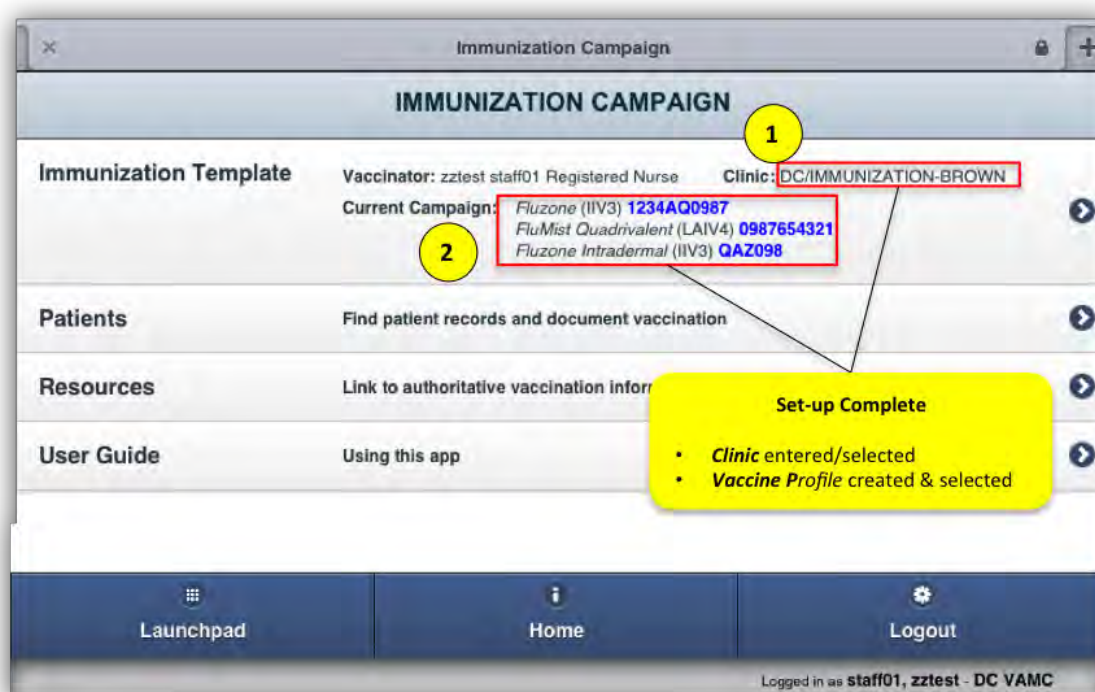


TABLE 2 - HOME SCREEN (WITH CAMPAIGN) DETAILS

Item	Label	Description	Notes
1	Clinic	“ DC/IMMUNIZATION-BROWN ” is the selected Clinic used as the Patient Encounter Location information related to the Immunization.	<ul style="list-style-type: none"> ○ Clinic information is displayed after clinic value has been entered/selected from the Immunization Template screen. ○ To enter & select Clinic information, refer to 4. 1 Setting up Immunization Template for more details.
2	Current Campaign	“ <i>Fluzone</i> (IIV3) 1234AQ0987 ” is the selected vaccine profile for the Campaign.	<ul style="list-style-type: none"> ○ Only the profiles shown here will be available for vaccine selection during the administration and documentation of immunization given. ○ Format: “<i>Trade Name</i> (Vaccine Type) Lot Number” ○ To add & manage vaccine profiles, refer to 4.1.1 Vaccine Profiles for more details.

3.3 Immunization Template screen

Immunization Template screen consist of three (3) key template information for Immunization (see Figure 6):

1. Vaccinator information
2. Location (Clinic)
3. Vaccine Profiles

Detail information on the template and how to set up the Immunization Template can be found in [4.1 Setting up Immunization Template](#).

FIGURE 6 - IMMUNIZATION TEMPLATE SCREEN

The screenshot shows the 'IMMUNIZATION TEMPLATE' screen. It has a 'Back' button at the top left. The main content is divided into three sections: 'Vaccinator', 'Location', and 'Vaccine Profiles'. The 'Vaccinator' section has fields for 'Name' (zztest staff01) and 'Title' (Registered Nurse). The 'Location' section has a dropdown menu showing 'DC/IMMUNIZATION-BROWN'. The 'Vaccine Profiles' section has a 'Delete' button and a '+' button. Below this is a table of vaccine profiles for 'Influenza'. The table has columns: 'Use in Campaign', 'Type', 'Trade Name (Manufacturer)', 'Route', 'Dose', and 'Lot #'. There are four rows of vaccine profiles. The first three rows are checked under 'Use in Campaign'. The bottom row is not checked. At the bottom of the screen are buttons for 'Launchpad', 'Home', and 'Logout'. A status bar at the very bottom says 'Logged in as staff01, zztest1 - DC VAMC'.

Vaccinator

Name: zztest staff01 Title: Registered Nurse

Location

DC/IMMUNIZATION-BROWN

Vaccine Profiles

Set up Vaccine Profiles to be used across all vaccination records created during a campaign.

Use in Campaign	Type	Trade Name (Manufacturer)	Route	Dose	Lot #
<input checked="" type="checkbox"/>	IIV3	Fluzone (Sanofi Pasteur)	Intramuscular(IM)	0.5 mL single-dose prefilled syringe	1234AQ0987
<input checked="" type="checkbox"/>	LAIV4	FluMist Quadrivalent (MedImmune)	Intranasal(IN)	0.2 mL prefilled intranasal sprayer	0987654321
<input checked="" type="checkbox"/>	IIV3	Fluzone Intradermal (Sanofi Pasteur)	Intradermal(ID)	0.1 mL prefilled microinjection system	QAZ098
<input type="checkbox"/>	ccIIV3	Flucelvax (Novartis Vaccines)	Intramuscular(IM)	0.5 mL single-dose prefilled syringe	12345

Launchpad Home Logout

Logged in as staff01, zztest1 - DC VAMC

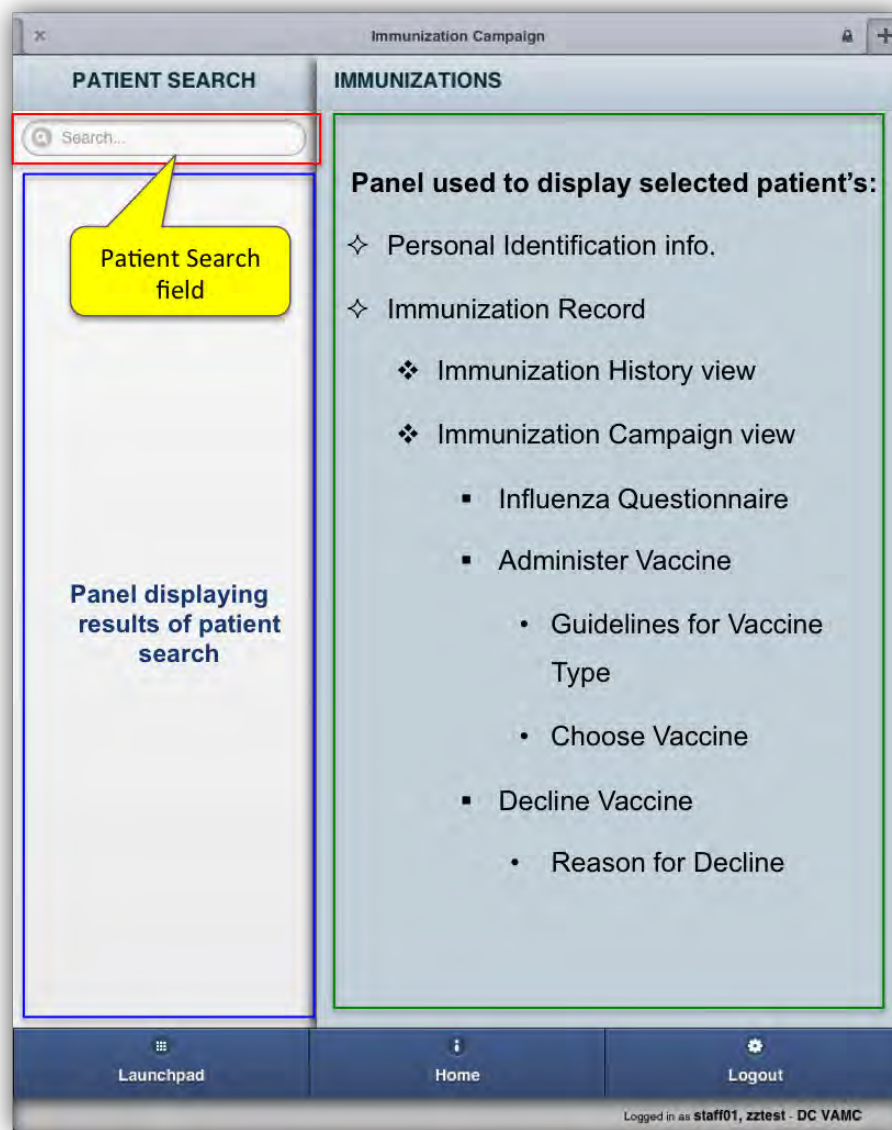
3.4 Patients screen

Patients screen consist of three (3) key areas/panels (see Figure 7):

1. Patient Search field
2. Patient Search Results area
3. Right-Panel displaying the selected Patient's pertinent information related to administering Influenza Immunization

Detail information on Patient screen and how to administer influenza immunization within the screen can be found in [4.2 Immunization Documentation Workflow](#).

FIGURE 7 - PATIENTS SCREEN LAYOUT



3.5 Resources screen

Resources screen will allow users to view current provider-based guidelines and vaccine related information/recommendation for Influenza Immunization as well as General Vaccines and Immunizations (see Figure 8).

Additional details on Resources screen can be found in [4.3 Resources](#).

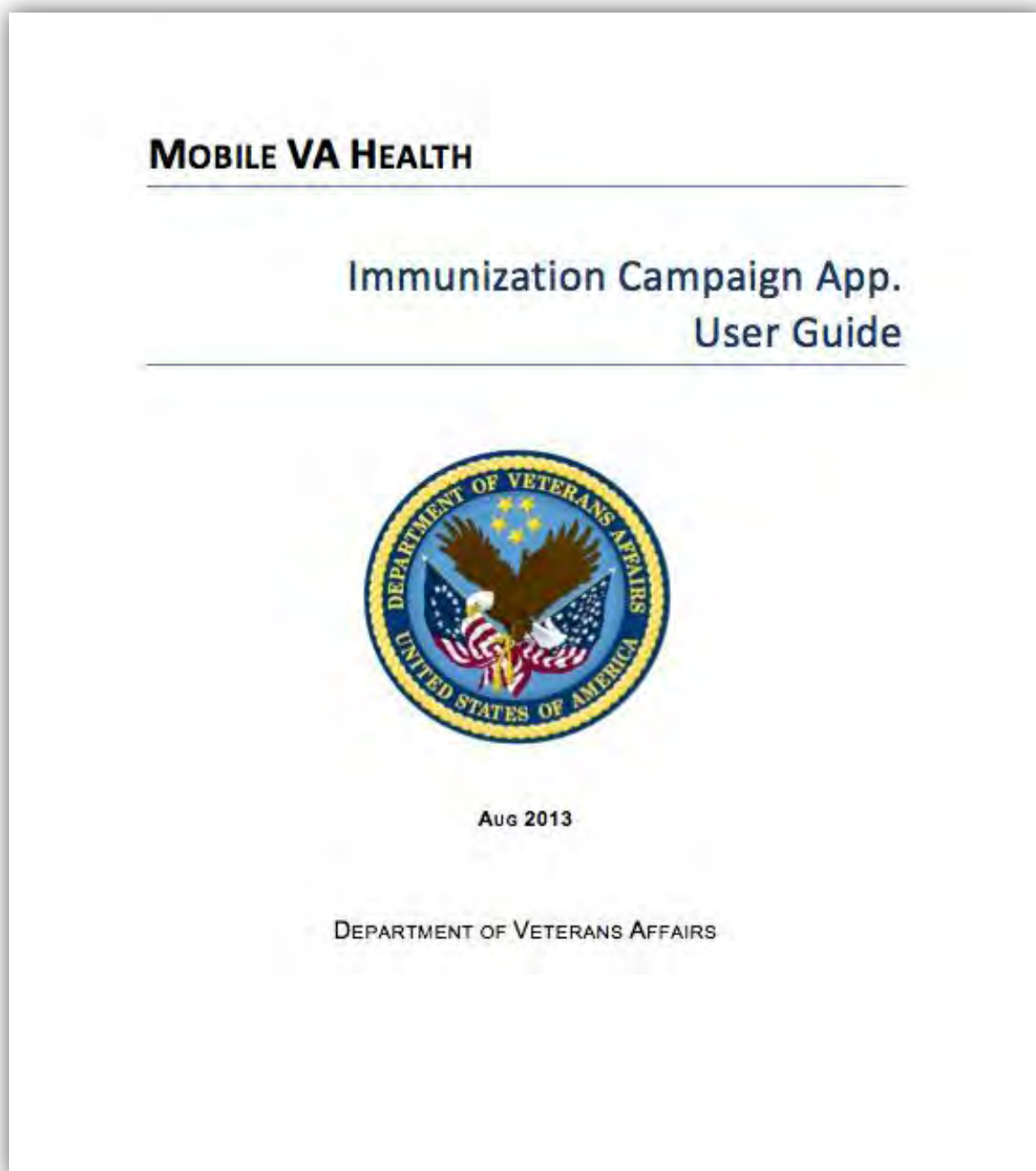
FIGURE 8 - RESOURCES SCREEN



3.6 User Guide

To find assistance on using of this App, User Guide documentation is launched via device's PDF reader application.

FIGURE 9 - USER GUIDE DOCUMENT



4 USING THE APP

This section provides a detailed description of App functions.

4.1 Setting up Immunization Template

Before administering immunization to patients, Immunization Template set-up must be set-up completed in order to document patient's immunization data.

The purpose of the Immunization Template is to enter the repetitive information associated with submitting the immunization data (e.g. vaccinator information, clinic/location, and general vaccine information such as trade name/manufacturer, etc.) once and eliminate the repeat data entry of the same immunization data when documenting the immunization for specific patient.

The Immunization Template consists of three (3) sections:

- Vaccinator
- Location (Clinic)
- Vaccine Profiles

FIGURE 10 - IMMUNIZATION TEMPLATE (INITIAL VIEW)

Immunization Campaign

IMMUNIZATION TEMPLATE

Vaccinator

Name: zztest staff01 Title: Registered Nurse

Location

Enter/Select a clinic...

Set up Vaccine Profiles to be used across all vaccination records created during a campaign.

Vaccine Profiles

No vaccine profiles exist.
Click on the button to add a new vaccine profile.


Launchpad Home Logout

Logged in as staff01, zztest - DC VAMC

Callout box (5) shows a list of vaccine profiles:

- DC/IMMUNIZATION-BLUE
- DC/IMMUNIZATION-BROWN
- DC/IMMUNIZATION-GREEN
- DC/IMMUNIZATION-ORANGE
- DC/IMMUNIZATION-SILVER
- DC/IMMUNIZATION-YELLOW

TABLE 3 - IMMUNIZATION TEMPLATE (INITIAL VIEW) DETAILS

Item	Label	Description	Notes
1	Back	Back button	<ul style="list-style-type: none"> Return to Home screen.
2	Name (Vaccinator)	Vaccinator (User's) Last name & First name	<ul style="list-style-type: none"> Auto-populated based on login credentials. Display only / un-editable.
3	Title (Vaccinator)	Vaccinator (User's) Title	<ul style="list-style-type: none"> Auto-populated based on login credentials, if available. Editable field / enter or update Title Required field. See TIP #1 for important note on Title information.
4	Location (Clinic)	Designated Clinic location for Immunization	<ul style="list-style-type: none"> Enter/select Clinic information (ask your Supervisor for which clinic value to use). Auto-fill (after 3 letters); see pop-up in Figure 10. Required field. See TIP #2 for important note on Location (Clinic) information.
5		Add New Vaccine Profile button	<ul style="list-style-type: none"> Tap / click to display New Vaccine Details screen. Refer to 4.1.1.1 Add Vaccine Profile – New Vaccine Details screen for more details.
6	Vaccine Profiles	List of Vaccine Profiles (empty list shown)	<ul style="list-style-type: none"> Vaccine Profiles will be listed after adding new profiles via Item #5. At least one vaccine profile required in the list in order to administer vaccine to patients. See TIP #1 for important note on Vaccine Profiles.
7	Back	Home button	<ul style="list-style-type: none"> Return to Home screen.

TIP #1 - About *Vaccinator Title & Vaccine Profiles*

Vaccinator Title & Vaccine Profiles entered in the Immunization Template screen is saved/stored in the device the App is running on.

The information is not saved or associated to the user's login credentials.

TIP #2 – About *Location (Clinic)* Information

Location (Clinic) information entered in the Immunization Template screen is ***NOT*** saved/stored after the App is closed or user logs off.

Information must be entered *every time* the Immunization Campaign App is launched, regardless of the device or user.

4.1.1 Vaccine Profiles

The Vaccine Profiles section consist of three (3) key functions:

1. Add new Profile
2. View/edit existing Profile
3. Select a profile for Campaign usage

4.1.1.1 Add Vaccine Profile – New Vaccine Details screen

Adding a vaccine profile to the Immunization Template is described in figures & tables below.

FIGURE 11 - NEW VACCINE DETAILS SCREEN

TABLE 4 – NEW VACCINE DETAILS SCREEN DETAILS

Item	Label	Description	Notes
1	Vaccine Type	Dropdown selection box with list of vaccine types.	<ul style="list-style-type: none"> Vaccine Type must be selected first in order to populate the other data fields (see Figure 12).

2	Version of VIS	Date of the VIS version.	<ul style="list-style-type: none"> ○ Auto-populated based on Vaccine Type selected (see Item #1). ○ Display only / un-editable (see Figure 13).
3	VIS URL	URL address of the VIS published by CDC.	<ul style="list-style-type: none"> ○ Auto-populated based on Vaccine Type selected (see Item #1). ○ Defaulted to English version. ○ Display only / un-editable (see Figure 13).
4	Test URL	Button to launch the URL on the device's browser.	<ul style="list-style-type: none"> ○ Tap / click to launch the VIS URL address populated from Item #3.
5	Trade Name	Dropdown selection box with list of Trade Name vaccines.	<ul style="list-style-type: none"> ○ Only the Trade Name vaccines associated with the Vaccine Type selected (see Item #1) are displayed in the dropdown selection box (see Figure 12). ○ See TIP #for important information on Trade Name.
6	Manufacturer	Manufacturer name of the selected Trade Name vaccine.	<ul style="list-style-type: none"> ○ Auto-populated based on Trade Name selected (see Item #5). ○ Display only / un-editable (see Figure 13).
7	Dose	Default dosage information provided by the manufacturer.	<ul style="list-style-type: none"> ○ Auto-populated based on Trade Name selected (see Item #5). ○ Display only / un-editable (see Figure 13).
8	Route	Default Route method information provided by the manufacturer.	<ul style="list-style-type: none"> ○ Auto-populated based on Trade Name selected (see Item #5). ○ Display only / un-editable (see Figure 13).
9	Lot Number	Data field for Lot Number.	<ul style="list-style-type: none"> ○ Enter the Lot Number of the Trade Name vaccine selected (see Item #5). ○ Display only / un-editable (see Figure 13). ○ See TIP #for important information on Lot Number.
10	Expiration Date	Date field for Expiration Date.	<ul style="list-style-type: none"> ○ Enter the Expiration Date of the Trade Name vaccine selected (see Item #5). ○ See TIP #for important information on Expiration Date.

11 Save

Save button

- Saves the Vaccine Profile.
- Return to [3.3 Immunization Template screen](#).

TIP #3 – Vaccine used during a Campaign

During an Immunization Campaign use, the user should have the vial/box of vaccine on-hand to ensure the Trade Name, Lot Number, and the Expiration Date of the vaccine written on the vial/box to matches up with the data entered in the App.

FIGURE 12 - LIST OF VALUES (DROPDOWN SELECTION BOX) FOR NEW VACCINE DETAILS SCREEN

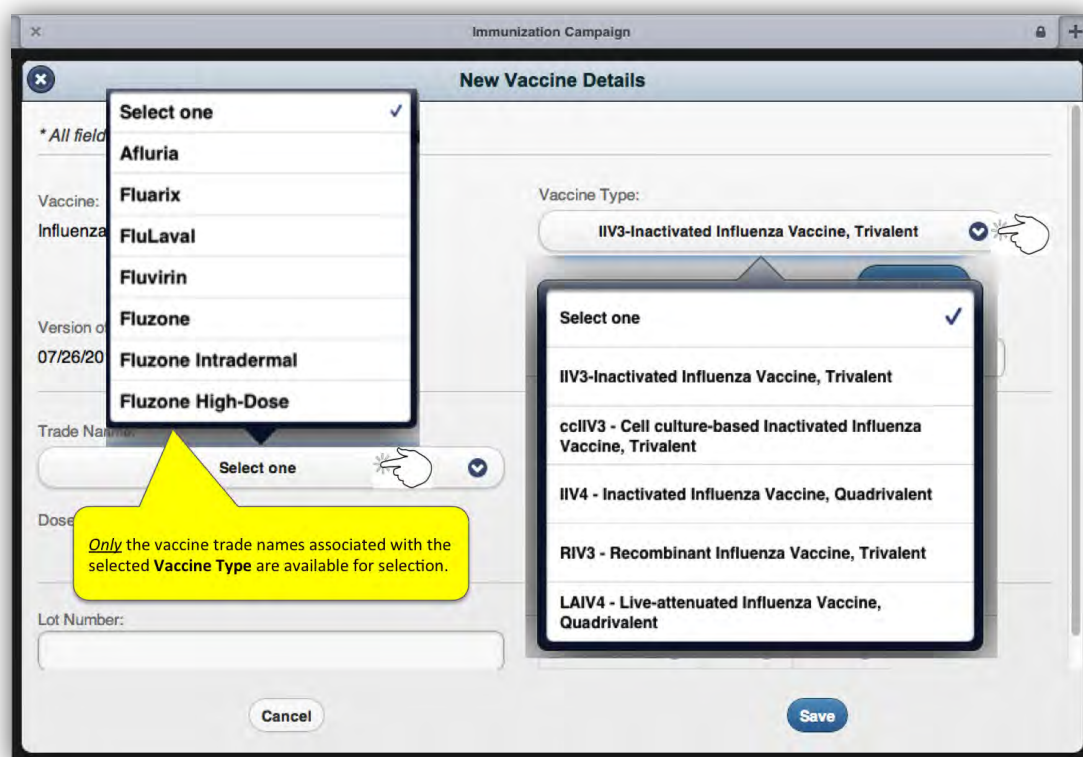


FIGURE 13 - DATA ENTRY FOR NEW VACCINE DETAILS SCREEN

New Vaccine Details

* All fields are required.

Vaccine: Influenza

Vaccine Type: IIV3-Inactivated Influenza Vaccine, Trivalent

Version of VIS: 07/26/2013

VIS URL: <http://www.cdc.gov/vaccines/hcp/vis/vis-statements/flu.pdf>

Trade Name: Fluzone

Manufacturer: Sanofi Pasteur

Dose: 0.5 mL single-dose prefilled syringe

Route: Intramuscular

Lot Number: 1234567890

Expiration Date: August 31, 2016

Buttons: Cancel, Save

Callouts:

- Version of VIS and VIS URL are auto-populated based on the Vaccine Type selected.
- Dose, Manufacturer, and Route are auto-populated based on the Trade Name selected.
- On Save, a pop-up window will appear stating you will have to re-enter the Lot Number for validation.

NOTE: Licensed Influenza Vaccines for 2013-2014 Influenza season published by CDC

The auto-population of vaccine data for Influenza Vaccine data is based on information published by CDC for the 2013-2014 influenza season (see Table 5).

[Interim Recommendations: Prevention and Control of Influenza with Vaccines: Recommendations of the Advisory Committee on Immunization Practices \(ACIP\), 2013](http://www.cdc.gov/flu/professionals/acip/2013-interim-recommendations.htm)
<http://www.cdc.gov/flu/professionals/acip/2013-interim-recommendations.htm>

TABLE 5 - LICENSED INFLUENZA VACCINES AVAILABLE DURING THE 2013 - 2014 INFLUENZA SEASON PUBLISHED BY CDC.

Vaccine Type	Trade Name	Manufacturer	Dose (default value)	Route
cclIV3 - Cell culture-based Inactivated Influenza Vaccine, Trivalent	Flucelvax	Novartis	5.0 mL multidose vial	IM - Intramuscular

Vaccine Type	Trade Name	Manufacturer	Dose (default value)	Route
IIV3 - Inactivated Influenza Vaccine, Trivalent	Afluria	CSL Limited	0.5 mL single-dose prefilled syringe	IM - Intramuscular
	Fluarix	GlaxoSmithKline	0.5 mL single-dose prefilled syringe mL	IM - Intramuscular
	FluLaval	GlaxoSmithKline	5.0 mL multidose vial	IM - Intramuscular
	Fluvirin	Novartis	0.5 mL single-dose prefilled syringe	IM - Intramuscular
	Fluzone	Sanofi Pasteur	0.5 mL single-dose prefilled syringe	IM - Intramuscular
	Fluzone Intradermal	Sanofi Pasteur	0.1 mL prefilled microinjection system	ID - Intradermal
	Fluzone High-Dose	Sanofi Pasteur	0.5 mL single-dose prefilled syringe	IM - Intramuscular
IIV4 - Inactivated Influenza Vaccine, Quadrivalent	Fluarix Quadrivalent	GlaxoSmithKline	0.5 mL single-dose prefilled syringe	IM - Intramuscular
	Fluzone Quadrivalent	Sanofi Pasteur	0.5 mL single-dose prefilled syringe	IM - Intramuscular
RIV3 - Recombinant Influenza Vaccine, Trivalent	FluBlok	Protein Science	0.5 mL single-dose vial	IM - Intramuscular
LAIV4 - Live-attenuated Influenza Vaccine, Quadrivalent	FluMist Quadrivalent	MedImmune	0.2 mL prefilled intranasal sprayer	IN - Intranasal

When adding a Vaccine Profile, only one Vaccine Profile per **Trade Name / Manufacturer** is allowed.

When attempting to add a profile that already exists with the same **Trade Name / Manufacturer**, User may opt to overwrite the existing profile with the new information (see Figure 14).

FIGURE 14 - OVERWRITING EXISTING PROFILE

The screenshot shows a web application window titled "Immunization Campaign" with a sub-header "New Vaccine Details". The form contains the following fields:

- Vaccine:** Influenza
- Version of VIS:** 07/26/2013
- Trade Name:** Fluzone
- Dose:** 0.5 mL single-dose prefilled syringe
- Lot Number:** 1234567890
- Route:** Intramuscular(IM)
- Expiration Date:** August 31, 2016

A yellow callout box contains the text: "More than one Vaccine Profile may be entered into the app at a time, however, two vaccine profiles for the same Trade Name/Manufacturer are not allowed. Adding vaccine profile that already exists with the same Trade Name/Manufacturer, following confirmation message will be displayed:"

A modal dialog box titled "Confirm overwrite profile" is displayed in the center. It contains the text: "You already have a saved profile for this trade name. If you continue, the saved profile will be overwritten. Do you want to continue?" with "Yes" and "No" buttons.

At the bottom of the form are "Cancel" and "Save" buttons.

4.1.1.2 View Vaccine Profile (existing) - Vaccine Details screen

To view any existing profiles in the Vaccine Profiles list, tap/click the profile row to display the Vaccine Details screen. Details of the screen are described in Figure 15 below.

FIGURE 15 - VACCINE DETAILS SCREEN

The screenshot displays the 'Vaccine Details' screen within an 'Immunization Campaign' application. The screen is divided into two columns for vaccine information. The left column includes fields for 'Vaccine' (Influenza), 'Version of VIS' (07/26/2013), 'Trade Name' (Fluzone), 'Dose' (0.5 mL single-dose prefilled syringe), and 'Lot Number' (1234567890). The right column includes 'Vaccine Type' (IIV3-Inactivated Influenza Vaccine, Trivalent), a 'Test URL' button, 'VIS URL' (http://www.cdc.gov), 'Manufacturer' (Sanofi Pasteur), 'Route' (Intramuscular), and 'Expiration Date' (August). A yellow callout box points to the vaccine details, stating: 'All detail profile information for the vaccine are *display only (un-editable)* until **Edit** button is tapped/clicked.' A 'Back' button is at the bottom left. A yellow callout box points to the 'Edit' button at the bottom right, containing a list of instructions: 'Tap/click on **Edit** button to update the Vaccine Profile.' and 'A pop-up window will appear confirming the actions of editing the profile.' This pop-up window, titled 'Confirm edit profile', contains the text: 'Any changes will be reflected in all future vaccination administration for this vaccine. Do you want to continue?' and has 'Yes' and 'No' buttons.

Immunization Campaign

Vaccine Details

Vaccine: Influenza

Vaccine Type: IIV3-Inactivated Influenza Vaccine, Trivalent

Version of VIS: 07/26/2013

Trade Name: Fluzone

Dose: 0.5 mL single-dose prefilled syringe

Lot Number: 1234567890

Test URL

VIS URL: http://www.cdc.gov

Manufacturer: Sanofi Pasteur

Route: Intramuscular

Expiration Date: August

Back

Edit

Confirm edit profile

Any changes will be reflected in all future vaccination administration for this vaccine. Do you want to continue?

Yes No

- Tap/click on **Edit** button to update the Vaccine Profile.
- A pop-up window will appear confirming the actions of editing the profile.

4.1.1.3 Edit Vaccine Profile

Vaccine Details screen in Edit mode is described in Figure 16 below.

FIGURE 16 - VACCINE DETAILS (EDIT MODE)

Immunization Campaign

Vaccine Details

Vaccine: Influenza

Vaccine Type: IIV3-Inactivated Influenza Vaccine, Trivalent

Version of VIS: 07/26/2013

Trade Name: Fluzone

Dose: 0.5 mL single-dose prefilled syringe

Lot Number: 1234567890

Expiration Date: August 31 2016

VIS URL: <http://www.cdc.gov/vaccines/hcp/vis/vis-statements/flu.pdf>

Manufacturer: Sanofi Pasteur

Route: Intramuscular(IM)

Test URL

Only the following vaccine information are editable:

- VIS URL
- Lot Number
- Expiration Date

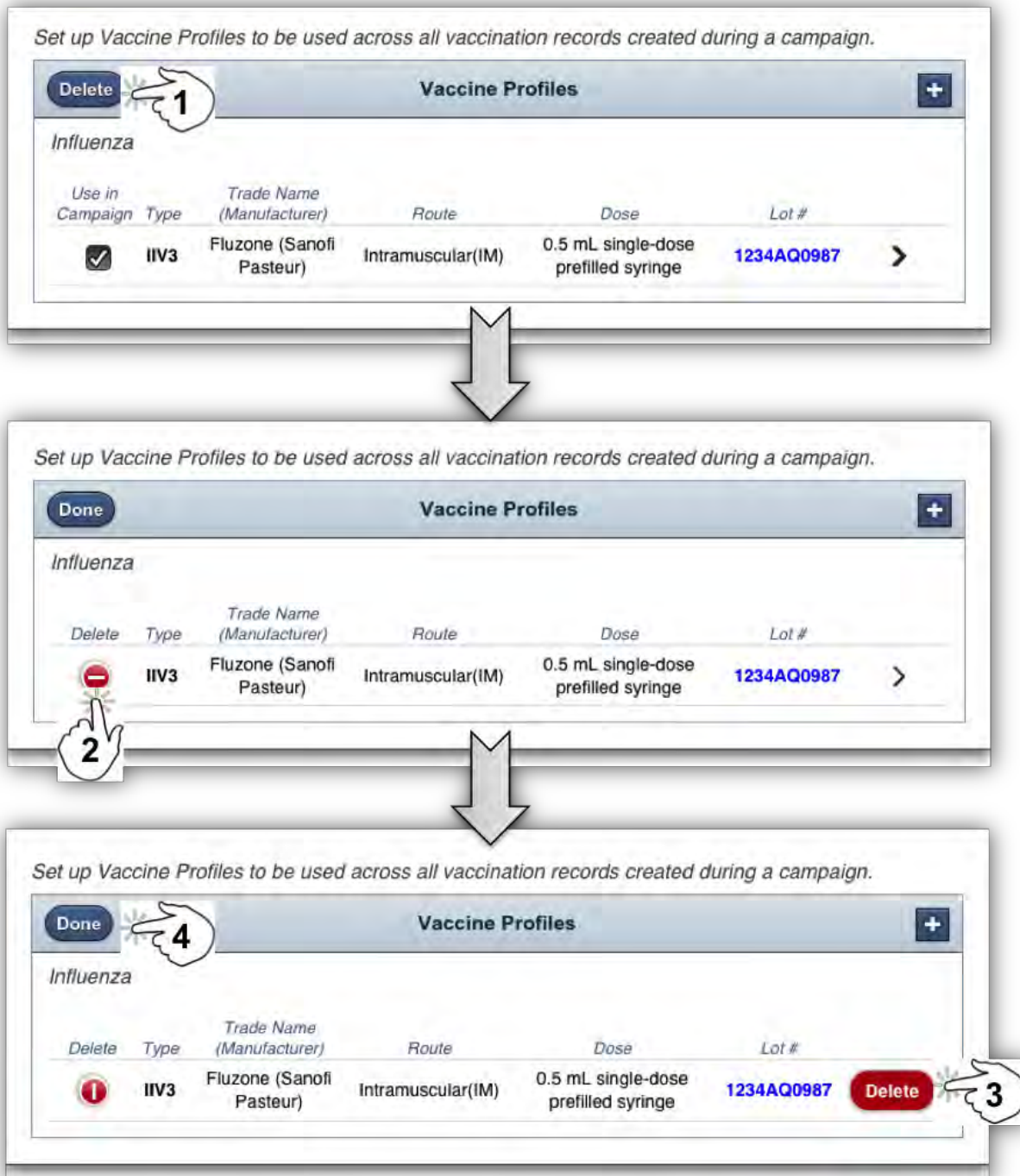
Cancel Save

If the Lot Number is updated, a pop-up window will appear stating you will have to re-enter the Lot Number for validation.

4.1.1.4 Delete Vaccine Profile(s)

Steps to deleting Vaccine Profile within the Immunization Template are described in Figure 17 below.

FIGURE 17 - DELETING VACCINE PROFILE(S) STEPS



4.1.1.5 Select Vaccine Profile(s) for Campaign Use

In order to use the Vaccine Profile(s) for Campaign use (i.e. to make it available for selection during the administration vaccine to the patient), from the list of Vaccine Profiles, check the box for the vaccine profile under the “*Use in Campaign*” column (see Figure 18).

FIGURE 18 – SELECTING VACCINE PROFILE FOR CAMPAIGN

Vaccine Profiles

Influenza

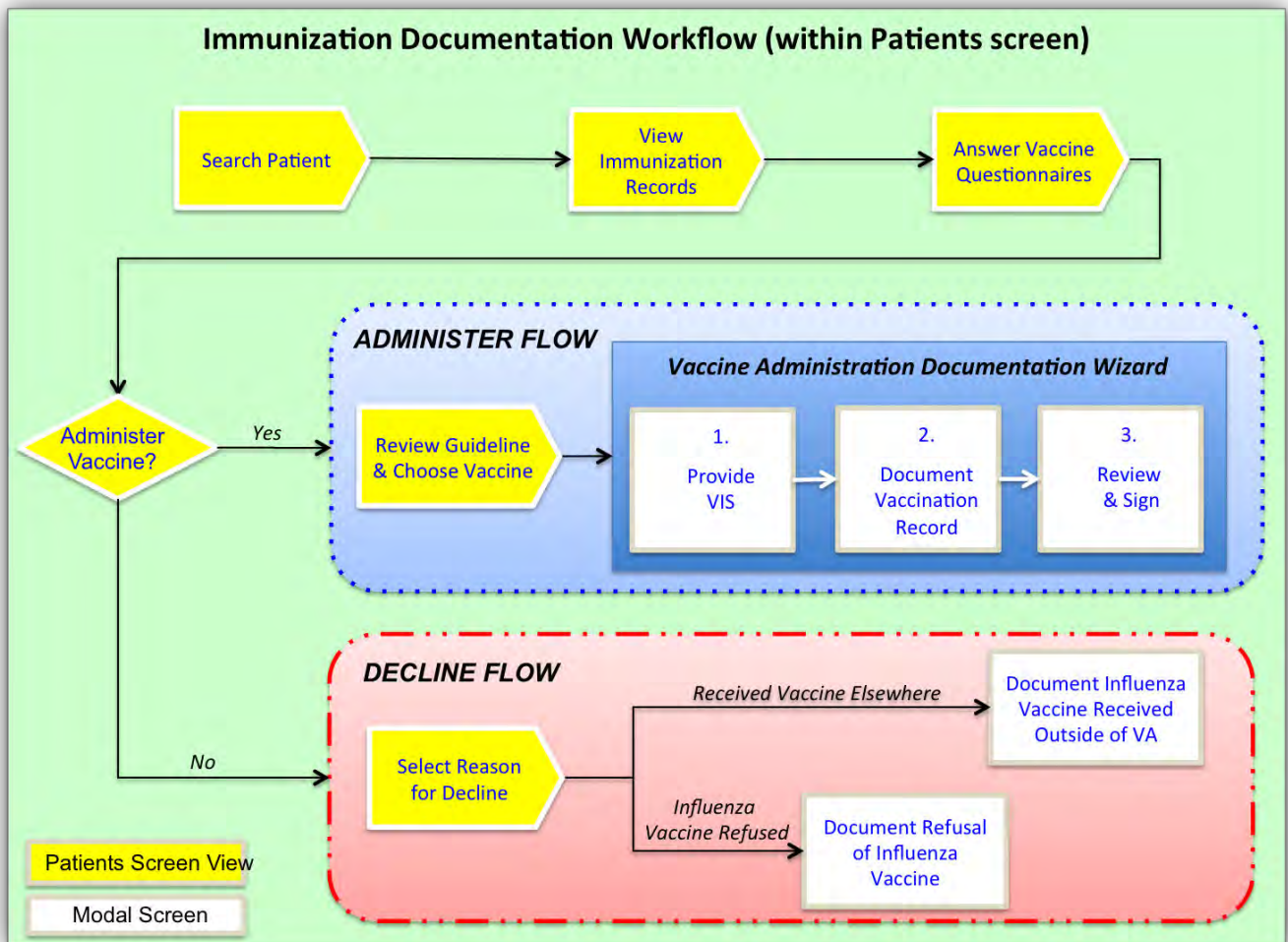
<i>Use in Campaign</i>	<i>Type</i>	<i>Trade Name (Manufacturer)</i>	<i>Route</i>	<i>Dose</i>	<i>Lot #</i>	
<input checked="" type="checkbox"/>	IIV3	Fluzone (Sanofi Pasteur)	Intramuscular(IM)	0.5 mL single-dose prefilled syringe	1234AQ0987	>
<input checked="" type="checkbox"/>	LAIV4	FluMist Quadrant (Merieux)	Intranasal	0.2 mL prefilled	0007051001	>
<input checked="" type="checkbox"/>	IIV3	Fluzone (Sanofi Pasteur)	Intramuscular(IM)	0.5 mL single-dose prefilled syringe	1234AQ0987	>
<input type="checkbox"/>	ccIIV3	Flucelvax (Novartis)	Intramuscular(IM)	0.5 mL single-dose prefilled syringe	1234AQ0987	>

• Only the checked vaccine profile will show up in the vaccine choices available during the administration of vaccine to the patients.
 • Only the checked vaccine profile will appear on the Home screen's menu button for Immunization Template.

4.2 Immunization Documentation Workflow

Within the Patients screen, the following workflow below summarizes the overall process of Immunization Documentation for a Patient (see Figure 19).

FIGURE 19 - IMMUNIZATION DOCUMENTATION WORKFLOW



4.2.1 Search Patient

Searching for Patient within the Patients screen is described in Figure 20 below.

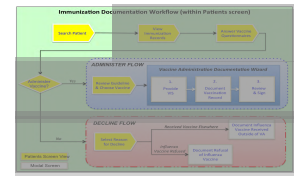


FIGURE 20 – SEARCH PATIENT ON PATIENTS SCREEN

Patient Search Field by:

Criteria	Example
Last name (full)	<i>Smith</i>
Last name + First name (both full)	<i>Smith, James</i>
SSN (last 4 #)	<i>9901</i>
Initial of last name + SSN (last 4 #)	<i>S9901</i>
SSN (full)	<i>123-45-9901</i> or <i>123459902</i>

Selected patient's info from the search results pane is display throughout the App.

patient01, zztest - MALE - 999-99-9901 - 05/05/1900 - 113

Logged in as **staff01, zztest - DC VAMC**

4.2.2 View Immunization Records

After patient has been selected from the [4.2.1 Search Patient](#), patient's immunization records is displayed (see Figure 21) on the right-panel of the Patients screens.

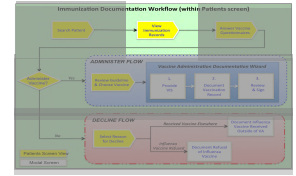


FIGURE 21 – VIEW IMMUNIZATION RECORDS

Immunization Campaign

IMMUNIZATIONS

patient01, zztest (9901)
MAY 05, 1900 (113) MALE

Immunization Campaign Immunization History

INFLUENZA

Last Received	Due	Facility
12/08/2011	12/08/2012	Salt Lake City HCS (Salt Lake City)

Administer vaccine today?

Immunization Campaign Immunization History

Collapse All

HEPA/HEPB AD

Date Received	Facility
10/18/2012	TEST VAMC
09/18/2012	Salt Lake City HCS (Salt Lake City UT)

INFLUENZA

Date Received	Facility
12/09/2011	TEST VAMC
12/08/2011	Salt Lake City
12/07/2011	TEST VAMC
12/05/2011	Salt Lake City HCS (Salt Lake City UT)

Immunization Details

SERIES:

REACTION: NONE

COMMENTS:

TestingComments

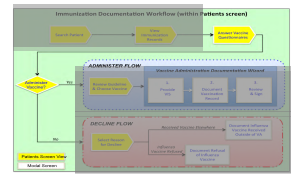
For **Immunization Campaign** view, since the current campaign is for the flu, only the patient's last **influenza** vaccination record is displayed (data from CDW).

For **Immunization History** view, patient's entire immunization records are displayed (data from CDW).

4.2.3 Answer Questionnaire for administering influenza vaccine

After viewing the patient's immunization records and the user determines to administer the influenza vaccine, questions related to administering influenza vaccine must be answered (see Figure 22).

FIGURE 22 – ANSWER QUESTIONNAIRE FOR ADMINISTERING INFLUENZA VACCINE



Administer vaccine today?

Confirm responses to the following questions related to administering influenza vaccine to the patient.

- Is the patient pregnant? (FEMALE only)

Yes

No

N/A
- Is the patient moderately or severely acutely ill today?

Yes

No

Note: Vaccination should not be delayed because of the presence of **mild** respiratory tract illness or other **mild** acute illness with or without fever.
- Is the patient allergic to eggs?

Yes

No

Note: Persons with egg allergy who are ages 18-49 should receive Flublok if it is available. Otherwise, persons with egg allergy resulting in **only** hives can receive influenza vaccine and should be observed for at least 30 minutes for signs of a reaction.
- Is the patient allergic to latex?

Yes

No
- Has the patient ever had a severe reaction to any influenza vaccine?

Yes

No
- Has the patient ever had Guillain-Barre Syndrome?

Yes

No

If patient does **NOT** have any contraindications, all of the above responses will be submitted as part of the patient's record.

If patient **DOES HAVE** a contraindication, close this application and document in CPRS instead!!

Administer vaccine today?

Yes

No (provide reason next)

All questions **must** be answered in order to **ENABLE** the answer buttons to "Administer vaccine today?"

Once user decided to administer influenza vaccine to the patient, vaccine type guideline is displayed to aid the user in choosing the correct vaccine (if multiple vaccine profiles are selected/available for Campaign use) for administration (see Figure 23).

Administer vaccine today?

Yes (provide vaccine next) No (provide reason next)

patient01, zztest (9901)
MAY 05, 1900 (113) MALE

Immunization Campaign Immunization History

INFLUENZA

Last Received	Due	Facility
12/08/2011	12/08/2012	Salt Lake City HCS (Salt Lake City UT)

Vaccine Type

All persons aged 6 months and older, including pregnant women, should be vaccinated annually against influenza. Details and exceptions are listed by vaccine type below.

Inactivated Influenza Vaccine (IIV)

Inactivated influenza vaccine is used with all persons aged 6 months and older, including pregnant women, except where a severe allergic reaction (e.g., anaphylaxis) to a previous dose or to a component of the vaccine (including egg protein) is a contraindication to the administration of influenza vaccine.

Live Attenuated Influenza Vaccine (LAIV4)

Live attenuated influenza vaccine (FluMist) should not be used with:

- Pregnant women
- Any of the following adults:
 - Persons with a history of hypersensitivity, including severe allergic reactions to components of LAIV;
 - Persons with severe immunosuppression, even if not related to the current illness.

Choose vaccine...

- Fluzone (IIV3) - 1234AQ0987
- FluMistQuadrivalent (LAIV4) - 0987654321
- FluzoneIntradermal (IIV3) - QAZ098

Choose vaccine: Choose vaccine...

Launchpad Home Logout

patient01, zztest MALE 999-99-9901 05/05/1900 113

Logged in as staff01, zztest DC VAMC

4.2.5 Vaccine Administration Documentation Wizard

For patients receiving influenza vaccine from VA, Vaccine Administration Documentation wizard is displayed.

Overall workflow process of Vaccine Administration Documentation is shown Figure 24 below.

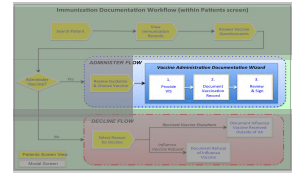
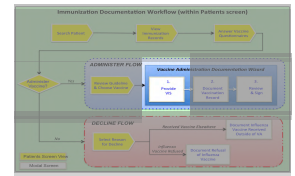


FIGURE 24 - VACCINE ADMINISTRATION DOCUMENTATION WORKFLOW



4.2.5.1 Provide Vaccine Information Sheet (VIS)

First step of the Vaccine Administration Documentation is to provide the Vaccine Information Sheet (VIS) published by CDC. This legal requirement can be met by either giving the patient a physical copy or by e-mailing an electronic copy.



In addition to giving a physical copy or an electronic copy of the VIS to the patient, the electronic version of the VIS can be viewed from the Provide Vaccine Information Sheet (VIS) screen by tapping/clicking on the Adobe PDF icon.

Each provider is encouraged to discuss and answer questions from patients receiving the vaccine regarding influenza vaccine or from information on the VIS.

Details of the screen are illustrated in Figure 25 & Table 6 below.

FIGURE 25 - PROVIDE VIS SCREEN

VACCINE ADMINISTRATION

1. Provide VIS 2. Document Vaccination Record 3. Review & Sign

Provide the patient with the opportunity to review the Vaccine Information Sheet (VIS).

patient01, zztest (9901)
May 05, 1900 (113) MALE

Vaccine Information Sheet (VIS)

IIV3-Inactivated Influenza Vaccine, Trivalent		
Version	English	Other
07/26/2013		Other languages (including Spanish)

Email VIS

Language: **English** Other

URL: <http://www.cdc.gov/vaccines/hcp/vis/vis-statements/flu.pdf>

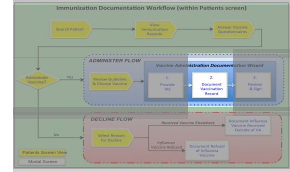
Email:

TABLE 6 – PROVIDE VIS SCREEN DETAILS

Item	Label	Description	Notes
1	Provide VIS	Wizard screen step	<ul style="list-style-type: none"> ○ Displays current step of the wizard
2	Vaccine Information Sheet (VIS)	VIS Version (date), PDF link to the VIS, and link to the Other Languages of the VIS is displayed.	<ul style="list-style-type: none"> ○ Information is based on the Vaccine Profile from the Immunization Template. ○ Display only / un-editable.
3	Language (English / Other)	Toggle button for VIS English vs. Other version.	<ul style="list-style-type: none"> ○ Selection will auto-populated the VIS URL link information (which is display only / un-editable field) ○ The URL of the selected language version is used to email the link to the Patient's email address (see Item 4). ○
4	Email	Email address field	<ul style="list-style-type: none"> ○ Enter the email address of the patient if the patient desires to receive the URL address of the VIS version selected in Item #3. ○ See annotation in Figure 25 for example of email sent.
5	Next	Next button	<ul style="list-style-type: none"> ○ Go to next step in the wizard. ○ Go to 4.2.5.2 Document Vaccination Report screen.

4.2.5.2 Document Vaccination Report

Second step of the Vaccine Administration Documentation is to document the patient's vaccination report in the Document Vaccination Report screen.



Details of the screen are illustrated in Figure 26 & Table 7 below.

FIGURE 26 - DOCUMENT VACCINATION RECORD SCREEN

TABLE 7 – DOCUMENT VACCINATION RECORD SCREEN DETAILS

Item	Label	Description	Notes
1	Visit Related To	<p>The section displays patient service related data items with following fields with yes/no options:</p> <ul style="list-style-type: none"> • Service Connected Condition • Southwest Asia Conditions • Combat Vet • Shipboard Hazard and Defense • Agent Orange Exposure • MST • Ionizing Radiation Exposure • Head and/or Neck Cancer 	<ul style="list-style-type: none"> ○ Some fields are pre-populated with patient service related data. ○ Review information displayed for documentation of the vaccination record for the patient. ○ Do not select any option for a field that is enabled but not pre-selected.
2	Vaccination Record	Administered vaccine information	<ul style="list-style-type: none"> ○ Vaccine information is based on the vaccine profile added in the Immunization Template screen. ○ Display only / un-editable
3	Edit / Dose	Vaccine dosage information field with Edit button.	<ul style="list-style-type: none"> ○ Auto-populated based on based on the vaccine profile added in the Immunization Template screen. ○ Update the Dose information of the vaccine administered, if necessary.
4	Edit / Lot Number	Vaccine Lot Number information with Edit button.	<ul style="list-style-type: none"> ○ Auto-populated based on based on the vaccine profile added in the Immunization Template screen. ○ Update the Lot Number of the vaccine administered, if necessary. ○ To ensure Lot Number is entered accurately, user is required to enter the number two times (see Figure 13). ○
5	Injection Site	Dropdown selection box field with list of injection site.	<ul style="list-style-type: none"> ○ Select an injection site from the Injection site dropdown box field. ○ Only the injection site values associated with the Route method (see Figure 26 for Item #5) are displayed in the dropdown selection box.

6	Comments / Notes	Free text comments fields.	<ul style="list-style-type: none">○ Enter optional comments regarding the administration of the vaccine to the patient.
7	The following information will be added to the Comments / Notes	Questions & Answers from the Influenza vaccine Questionnaires displayed.	<ul style="list-style-type: none">○ Note to the user that patient's Questionnaires answers are included with the Comments in Items 6.
8	Next	Next button	<ul style="list-style-type: none">○ Go to next step in the wizard.○ Go to 4.2.5.3 Vaccine Administration Wizard (Review & Sign) screen.

4.2.5.3 Vaccine Administration Wizard (Review & Sign)

Last step of the Vaccine Administration Documentation is to review documented vaccination report (completed from previous step) in the Review & Sign screen.

Details of the screen are illustrated in Figure 27 & Table 8 below.

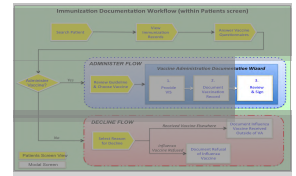


FIGURE 27 - REVIEW & SIGN SCREEN

VACCINE ADMINISTRATION

1. Provide VIS 2. Document Vaccination Record 3. Review & Sign

The following vaccination record will be submitted for the patient. Please review and validate. Click "Back" to make any corrections.

patient01, zztest (9901)
May 05, 1900 (113) MALE

Visit Related To

Service Connected Condition	Southwest Asia Conditions
Yes No	Yes No
Combat Vet (Combat Related)	Shipboard Hazard and Defense
Yes No	Yes No
Agent Orange Exposure	MST
Yes No	Yes No
Ionizing Radiation Exposure	Head and/or Neck Cancer
Yes No	Yes No

Vaccination Record

Vaccine:	Trade Name:	Manufacturer:	Expiration Date:	Version of VIS:
Influenza	Fluzone	Sanofi Pasteur	03/31/2013	07/15/2013
Vaccine Type:		Route:		Date VIS Given:
IV3-Inactivated Influenza Vaccine, Trivalent		Intramuscular (IM)		07/23/2013
Dose:		Lot Number:		
0.5 mL single-dose prefilled syringe		1254A0007		
Injection Site:				
Distal, Left				

Comments / Notes:

Is the patient pregnant? (FEMALE only) N/A

Is the patient moderately or severely acutely ill today? No

Is the patient severely allergic to eggs? No

Is the patient allergic to latex? No

Has the patient ever had a severe reaction to any Influenza vaccine? No

Has the patient ever had Guillain-Barre Syndrome? No

Vaccinator: zztest 9901

Signed: 07/23/2013

Title: Registered Nurse

Clinic: DCIMMUNIZATION-BROWN

Back Sign & Submit 1

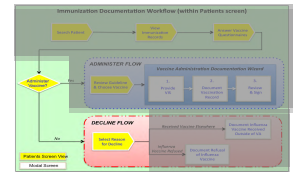
If the Title or Clinic value were not provided in the Immunization Template page, the user will be prompted to provide them here in order to Sign & Submit.

TABLE 8 – REVIEW & SIGN SCREEN DETAILS

Item	Label	Description	Notes
1	Sign & Submit	Sign & Submit button	<ul style="list-style-type: none">○ Tap / click to submit the document (save to database)○ A popup to enter the Electronic Signature Code is displayed upon tap / click of the button. Refer to 4.2.7 Sign & Submit - Electronic Signature Code more details.

4.2.6 Decline Immunization Workflow

If the user decided NOT to administer influenza vaccine to the patient after [4.2.3 Answer Questionnaire for administering influenza vaccine](#), a reason for not receiving the influenza vaccine from VA should be documented.



Details of the Patients screen with the view of declining vaccine from VA are illustrated in Figure 28 below.



VACCINE NOT GIVEN DUE TO CONTRAINDICATION OR PRECAUTION

If the patient does not receive the vaccine because of a contraindication or precaution, close the App and document as appropriate in CPRS.

FIGURE 28 - REASON FOR DECLINE VACCINE VIEW

Note: Select reason "Influenza vaccine refused" ONLY if the patient declined to receive vaccine without any contraindication.

If patient **DOES HAVE** any contraindication, close this application and document in CPRS instead!!

Choose a Reason to ENABLE these buttons.

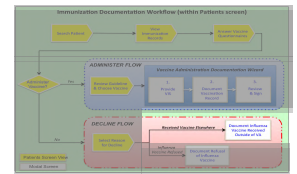
Choose reason...

- Received vaccine elsewhere
- Influenza vaccine refused ✓

Document Reason Details Cancel

4.2.6.1 Document Influenza Vaccine Received Outside of VA screen

For vaccine decline of “Received Vaccine Elsewhere” (e.g. patient received the vaccine outside of VA such as Walgreen, CVS, drugstore, etc.), the screen Document Influenza Vaccine Received Outside of VA is used to update the Patient’s immunization record.



Details of the screen are illustrated in Figure 29 & Table 9 below.

FIGURE 29 - DOCUMENT INFLUENZA VACCINE RECEIVED OUTSIDE OF VA SCREEN

Document Influenza Vaccine Received Outside of VA

Record the Influenza vaccination information the patient received outside of VA. (example: CVS, Walgreens, other providers, etc.)

patient02, zztest (9902)
Oct 05, 1900 (112) MALE

Vaccination Information

1 Immunization Received Date:*

July 23 2013

2 Vaccine Administered:

General Influenza

3 Dose:

4 Comments / Notes:*

Please include any other pertinent patient factors such as pregnancy

5 The following information will be added to the Comments / Notes

Is the patient pregnant? (FEMALE only) N/A
Is the patient moderately or severely acutely ill today? No
Is the patient severely allergic to eggs? No
Is the patient allergic to latex? No
Has the patient ever had a severe reaction to any influenza vaccine? No
Has the patient ever had Guillain-Barre Syndrome? No

Vaccinator: zztest staff01
Signed: 07/23/2013

Title: Registered Nurse

6

Cancel Sign & Submit

If trade name is selected, the default Dose value will be auto-populated for the selected trade name.

* indicates required

Afluria
Fluarix
FluLaval
Fluvirin
Fluzone
Fluzone Intradermal
Fluzone High-Dose
Flucelvax
Fluarix Quadrivalent
FluBlok
FluMist Quadrivalent

If the Title value was not provided in the Immunization Template page, the user will be prompted to provide it here in order to Sign & Submit.

TABLE 9 – DOCUMENT INFLUENZA VACCINE RECEIVED OUTSIDE OF VA SCREEN DETAILS

Item	Label	Description	Notes
1	Immunization Received Date	Date field for the Immunization received.	<ul style="list-style-type: none"> Enter the date of the vaccine received by the patient. If the patient does not know exact date, enter approximate month & year and for day, use the 1st of the month. Required field.
2	Vaccine Administered	Dropdown selection box field with list of vaccine received	<ul style="list-style-type: none"> Pre-selected to “General Influenza” If specific Trade Name vaccine is known, select the Trade Name from the dropdown selection box field (see Figure 29 Item #2).
3	Dose	Dose information of the vaccine received.	<ul style="list-style-type: none"> If Dose information of the vaccine received is known, enter the dosage.
4	Comments / Notes	Free text comments fields.	<ul style="list-style-type: none"> Enter comments regarding the vaccine received outside of VA for the Patient Required field.
5	The following information will be added to the Comments / Notes	Questions & Answers from the Influenza vaccine Questionnaires displayed.	<ul style="list-style-type: none"> Note to the user that patient’s Questionnaires answers are included with the Comments in Items 6.
6	Sign & Submit	Sign & Submit button	<ul style="list-style-type: none"> Tap / click to submit the document (save to database) A popup to enter the Electronic Signature Code is displayed upon tap / click of the button. Refer to 4.2.7 Sign & Submit - Electronic Signature Code more details.

4.2.6.2 Document Refusal of Influenza Vaccine screen

For vaccine decline of “Influenza Vaccine Refused”, the screen Document Refusal of Influenza Vaccine is used to document on Patient’s record that the Patient declined immunization.

Details of the screen are illustrated in Figure 30 & Table 10 below.

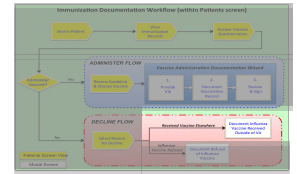


FIGURE 30 - DOCUMENT REFUSAL OF INFLUENZA VACCINE SCREEN

Immunization Campaign

Document Refusal of Influenza Vaccine

Patient was offered an annual Influenza vaccine today but declined immunization.

patient01, zztest (9901)
May 05, 1900 (113) MALE

Influenza Vaccine Refused * indicates required

Comments / Notes:*

Please provide detailed reasons for refusing Influenza vaccine from VA today.

NOTE: Do NOT use this form if the patient has already received the vaccine elsewhere (outside of VA). Return to the previous screen and select Reason = "Received vaccine elsewhere".

The following information will be added to the Comments / Notes:

Is the patient pregnant? (FEMALE only) N/A
Is the patient moderately or severely acutely ill today? No
Is the patient allergic to eggs? No
Is the patient allergic to latex? No
Has the patient ever had a severe reaction to any influenza vaccine? No
Has the patient ever had Guillain-Barre Syndrome? No

Vaccinator: zztest staff(0) Title:* Doctor

Signed: 05/01/2013

Cancel Sign & Submit

If the Title value was not provided in the [Immunization Template](#) page, the user will be prompted to provide it here in order to **Sign & Submit**.

TABLE 10 – DOCUMENT REFUSAL OF INFLUENZA VACCINE SCREEN DETAILS

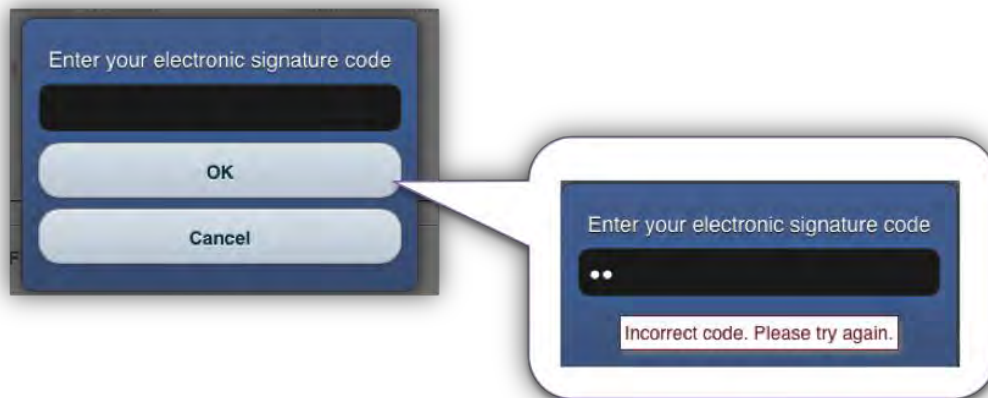
Item	Label	Description	Notes
1	Comments / Notes	Free text comments fields.	<ul style="list-style-type: none"> ○ Enter comments detailing the reason for refusing Influenza vaccine from VA. ○ Required field.
2	Sign & Submit	Sign & Submit button	<ul style="list-style-type: none"> ○ Tap / click to submit the document (save to database) ○ A popup to enter the Electronic Signature Code is displayed upon tap / click of the button. Refer to 4.2.7 Sign & Submit - Electronic Signature Code more details.

4.2.7 Sign & Submit - Electronic Signature Code

In order to submit any documentation (upon *Sign & Submit* of Administration or Decline of Vaccine), a valid **Electronic Signature Code** is required to save the documentation to the database.

A popup to enter the code is displayed anytime upon “*Sign & Submit*” button is tap / clicked (see Figure 31).

FIGURE 31 - ELECTRONIC SIGNATURE CODE POPUP



Upon entering a successful Electronic Signature Code, the user is returned to the Patients screen with message indicating documentation successfully submitted (see Figure 32).

FIGURE 32 - SUCCESSFUL SUBMISSION MESSAGE



4.3 Resources

Resources screen will allow users to view current provider-based guidelines and vaccine related information/recommendation for Influenza Immunization as well as General Vaccines and Immunizations.

The Resources screen consists of two sections:

- Seasonal Influenza Sites ([see Figure 33](#))
- General Vaccines and Immunization Sites ([see Figure 34](#))

Each section contains related webpage links and information provided by *VHA Intranet Sites* and *External Sites*.

FIGURE 33 - RESOURCES SCREEN (SEASONAL INFLUENZA SITES)

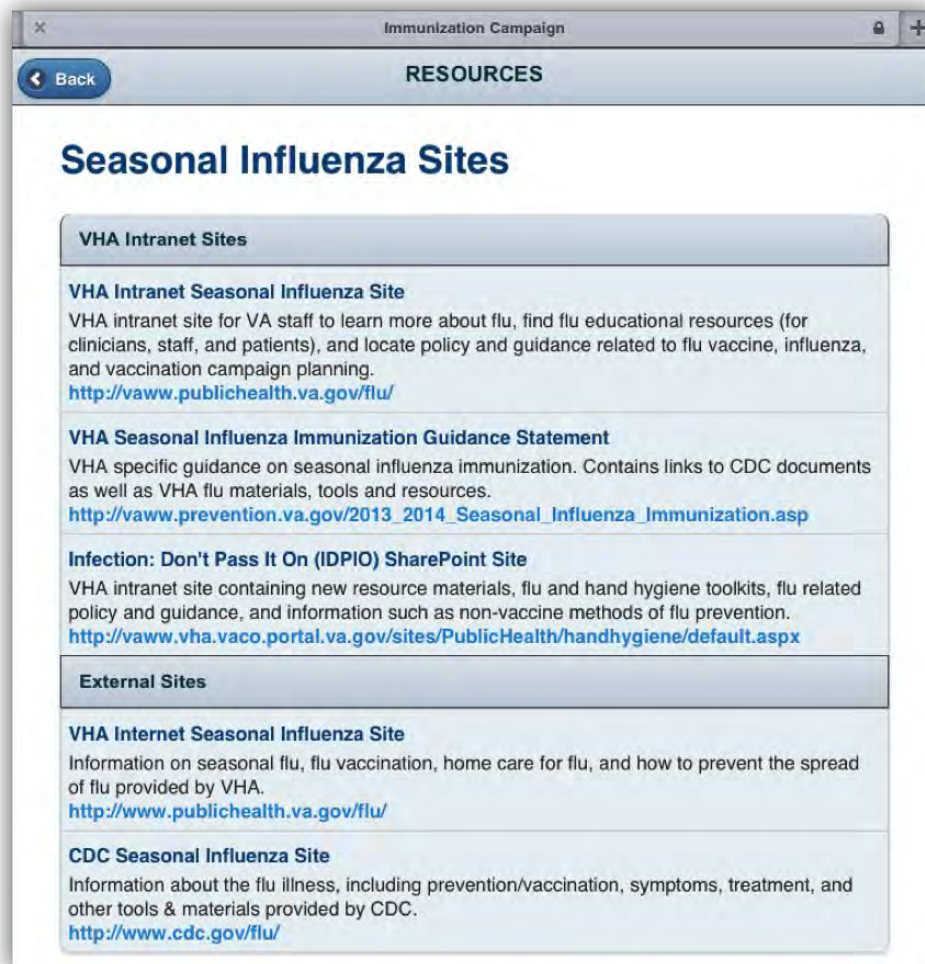
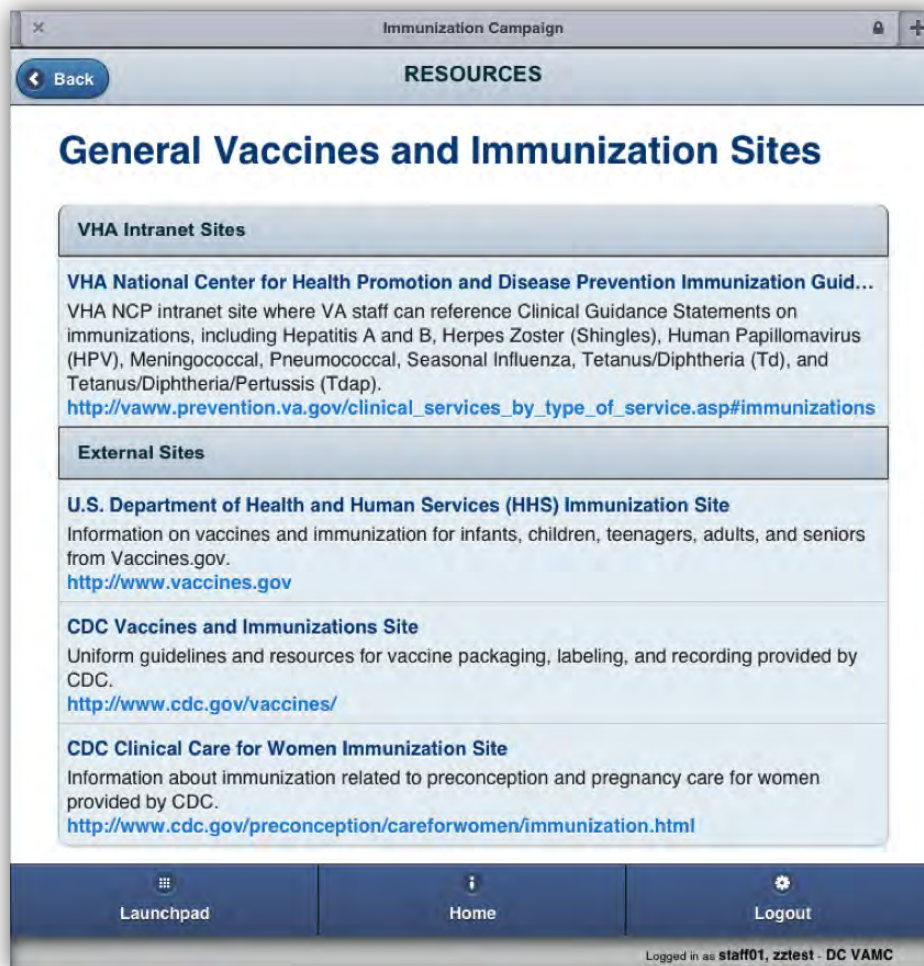


FIGURE 34 - RESOURCES SCREEN (GENERAL VACCINES AND IMMUNIZATION SITES)



4.4 User Guide

To find assistance on using of this App, User Guide documentation is launched via device's PDF reader application.