

MOBILE VA HEALTH

Immunization Campaign App. User Guide



2013

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 a phone or any mobile device with a small screen display is **NOT RECOMMENDED**.



ALL OF ITEMS BELOW MUST BE TRUE BEFORE USING THIS APP

Hardware/Software/Network Connectivity

- a. I **AM** using a Government Furnished Equipment (GFE) mobile device.
- b. I **AM** using a mobile device with a screen size of a tablet or larger (*App is not recommended on SmartPhone*).
- c. I **AM** connected to the VA Intranet network.
- d. 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.
- e. My local VistA site has applied latest patch to have the vaccine CPT codes published for the 2013-2014 influenza season by CDC (see [Table 5](#)).

Vaccine for Campaign (on-hand with the user)

- f. I **DO** have the physical copies of the Vaccine Information Statement (VIS) (*to be given to Patients*).
- g. I **DO** have the physical vial/box of the Vaccine (*need Trade Name, Lot Number, and Expiration Date*).
- h. 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**

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.

Additionally, refer to [Appendix – CPRS Prerequisites](#) for validating local site's **CPRS/VistA** set-up configurations prior to using the Immunization Campaign App at the designated local site.

2.2 User Access Levels

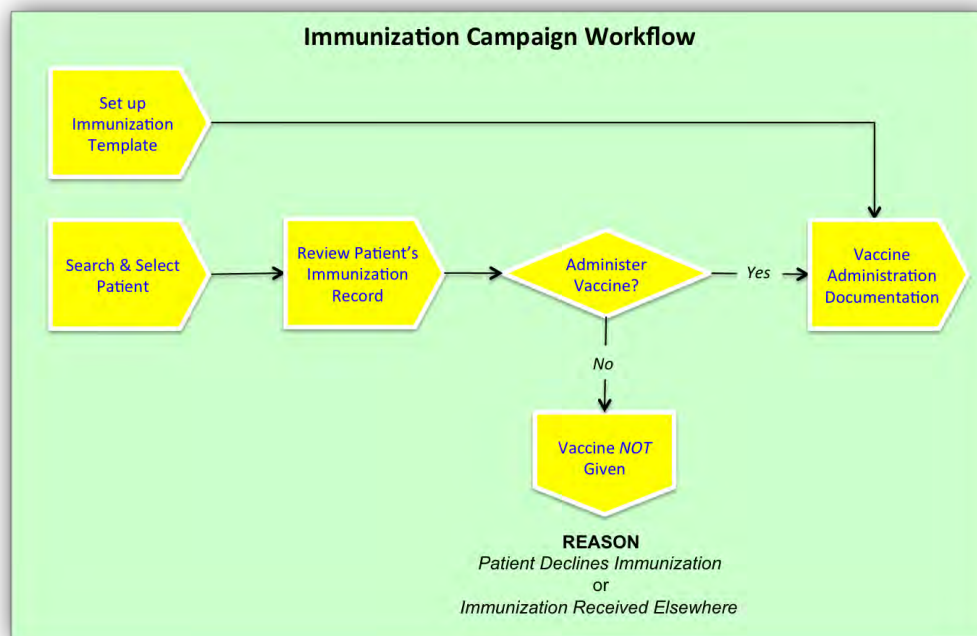
Only the users with valid VistA credentials* can use the application via Single-Sign-On (SSO).

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



* **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 credentials[†] (see Figure 3).

FIGURE 3 - PROVIDER LOGIN SCREEN



Department of Veterans Affairs
PROVIDER LOGIN

Username

Password

VA Hospital Location

Clear Sign In

[†] **VistA credentials:**

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

3.2 Home screen

Home screen provides four menu choices:

1. Immunization Template
2. Patients
3. Resources
4. User Guide

Overview of the menu options are further detailed in the subsequent sections and the following Figures and Tables illustrate the details of the screen.

Example of the *Initial* Home screen (currently shown without any Campaign information entered) is shown in Figure 4 and [Table 1](#).

FIGURE 4 - HOME SCREEN (NO CAMPAIGN)

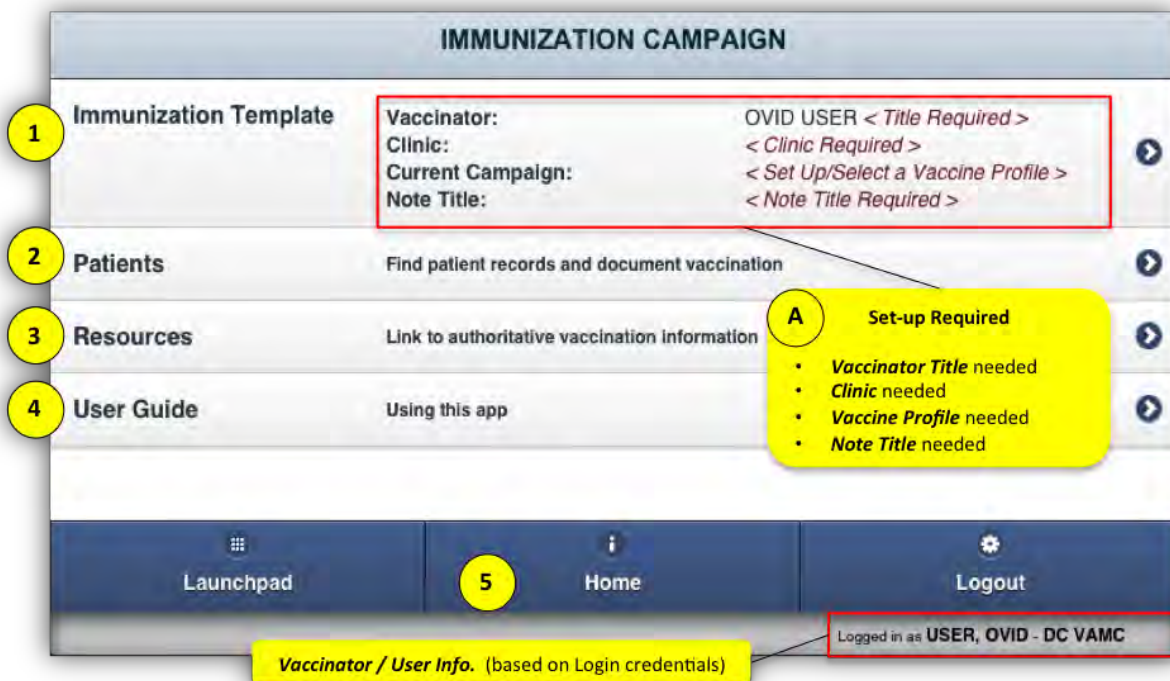


TABLE 1 - HOME SCREEN (NO CAMPAIGN) DETAILS

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	< Title Required >	Displays Vaccinator's Title information	<ul style="list-style-type: none"> Auto-populated based on login credentials, if available.
	< 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.
	< Note Title Required >	Displays the selected Note Title to be used to submit the Progress Note for the Patient.	<ul style="list-style-type: none"> Note Title is required as part of Immunization Template set-up. See Figure 5 for example of Note Title value entered/selected.

Example of the *Post Home* screen (shown with 3 vaccines selected for the Campaign) is shown in Figure 5 and [Table 2](#).

FIGURE 5 - HOME SCREEN (WITH CAMPAIGN)

IMMUNIZATION CAMPAIGN	
Immunization Template	<div> <div>1</div> <div>2</div> <div>3</div> <div>4</div> </div> <div> Vaccinator: Clinic: Current Campaign: Note Title: </div> <div> zztest staff01 R.N. DC/IMMUNIZATION-BLUE Fluzone (single-dose syringe) (IIV3) 1234A0987 Fluzone High-Dose (IIV3) 0987654321 FluMist Quadrivalent (LAIV4) Q12345 GENERAL NOTE </div>
Patients	Find patient records and document vaccination
Resources	Link to authoritative vaccination information
User Guide	Using this app

Set-up Completed

- Vaccinator Title entered
- Clinic entered/selected
- Vaccine Profile created/selected
- Note Title entered/selected

Launchpad

Home

Logout

Logged in as staff01, zztest - DC VAMC

TABLE 2 - HOME SCREEN (WITH CAMPAIGN) DETAILS

Item	Label	Description	Notes
1	Title	R.N. is the title value of the Vaccinator.	<ul style="list-style-type: none"> Auto-populated based on login credentials, if available.
2	Clinic	<p>“DC/IMMUNIZATION-BLUE” is the selected Clinic used as the Patient Encounter Location information related to the Immunization.</p>	<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.
3	Current Campaign	<p>Selected vaccine profiles for the campaign are:</p> <ul style="list-style-type: none"> Fluzone (single-dose syringe) Fluzone (High-dose) FluMist Quadrivalent 	<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 (Vaccine Type) Lot Number</i> To add & manage vaccine profiles, refer to 4.1.1 Vaccine Profiles for more details.
4	Note Title	<p>“General Note” is the selected Note Title information related to the Progress Note for Patient.</p>	<ul style="list-style-type: none"> Note Title information is displayed after note title value has been entered/selected from the Immunization Template screen. To enter & select Note Title information, refer to 4. 1 Setting up Immunization Template 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) & Note Title
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 screen is divided into three main sections, each highlighted with a colored border and a yellow callout bubble:

- Vaccinator / User information (Blue border):** Contains fields for 'Name' (value: zztest staff01) and 'Title' (value: R.N.).
- Clinic / Location information (Green border):** Contains fields for 'Clinic' (value: DC/IMMUNIZATION-BLUE) and 'Note Title' (value: GENERAL NOTE).
- Vaccine Profiles Information (Red border):** Contains a 'Delete' button and a table of vaccine profiles. The table has columns: 'Use in Campaign', 'Type', 'Trade Name (Manufacturer)', 'Route', 'Dose', and 'Lot #'. The table is titled 'Influenza'.

Below the Vaccine Profiles section, there is a navigation bar with 'Launchpad', 'Home', and 'Logout' buttons. At the bottom right, it says 'Logged in as staff01, zztest - DC VAMC'.

Use in Campaign	Type	Trade Name (Manufacturer)	Route	Dose	Lot #
<input checked="" type="checkbox"/>	IIV3	Fluzone (single-dose syringe) (Sanofi Pasteur)	Intramuscular(IM)	0.5 mL single-dose prefilled syringe	1234A0987
<input checked="" type="checkbox"/>	IIV3	Fluzone High-Dose (Sanofi Pasteur)	Intramuscular(IM)	0.1 mL prefilled microinjection system	0987654321
<input checked="" type="checkbox"/>	LAIV4	FluMist Quadrivalent (MedImmune)	Intranasal(IN)	0.2 mL prefilled intranasal sprayer	Q12345
<input type="checkbox"/>	ccIIV3	Flucelvax (Novartis Vaccines)	Intramuscular(IM)	0.5 mL single-dose prefilled syringe	QWER1234

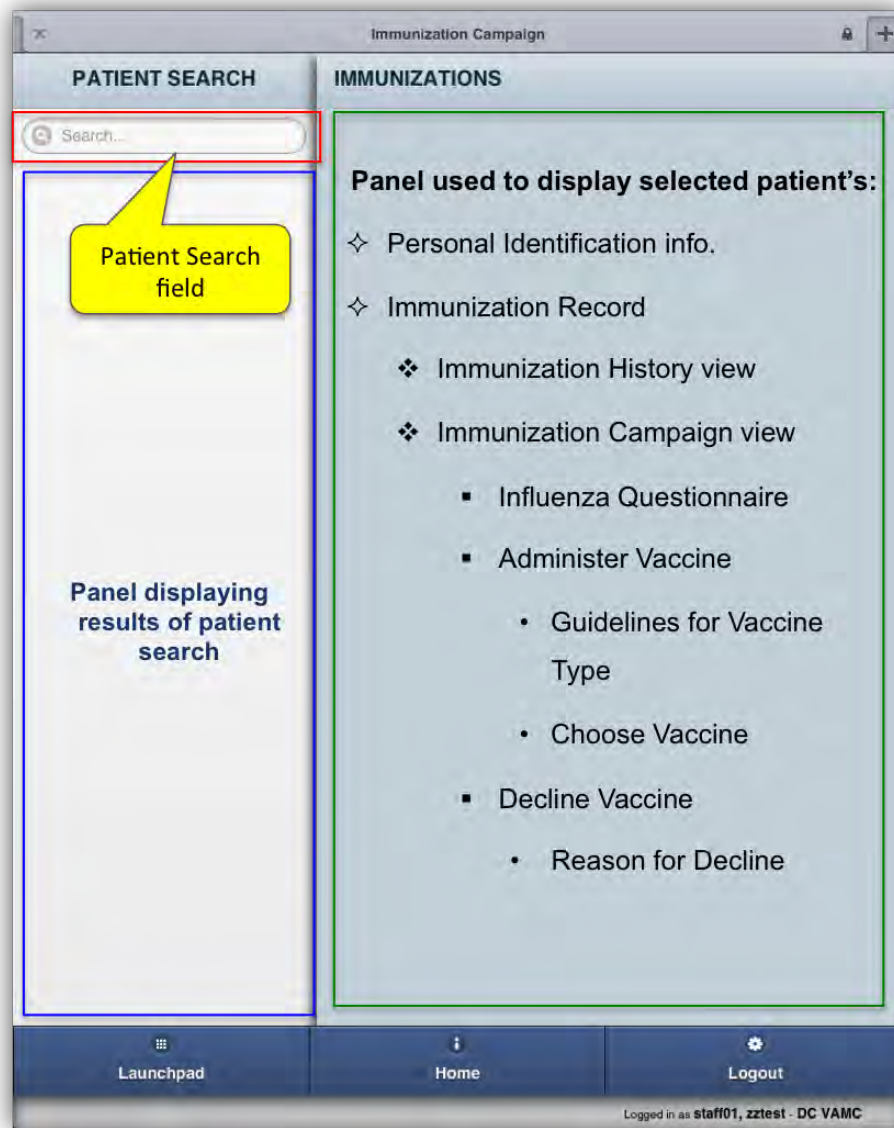
3.4 Patients screen

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

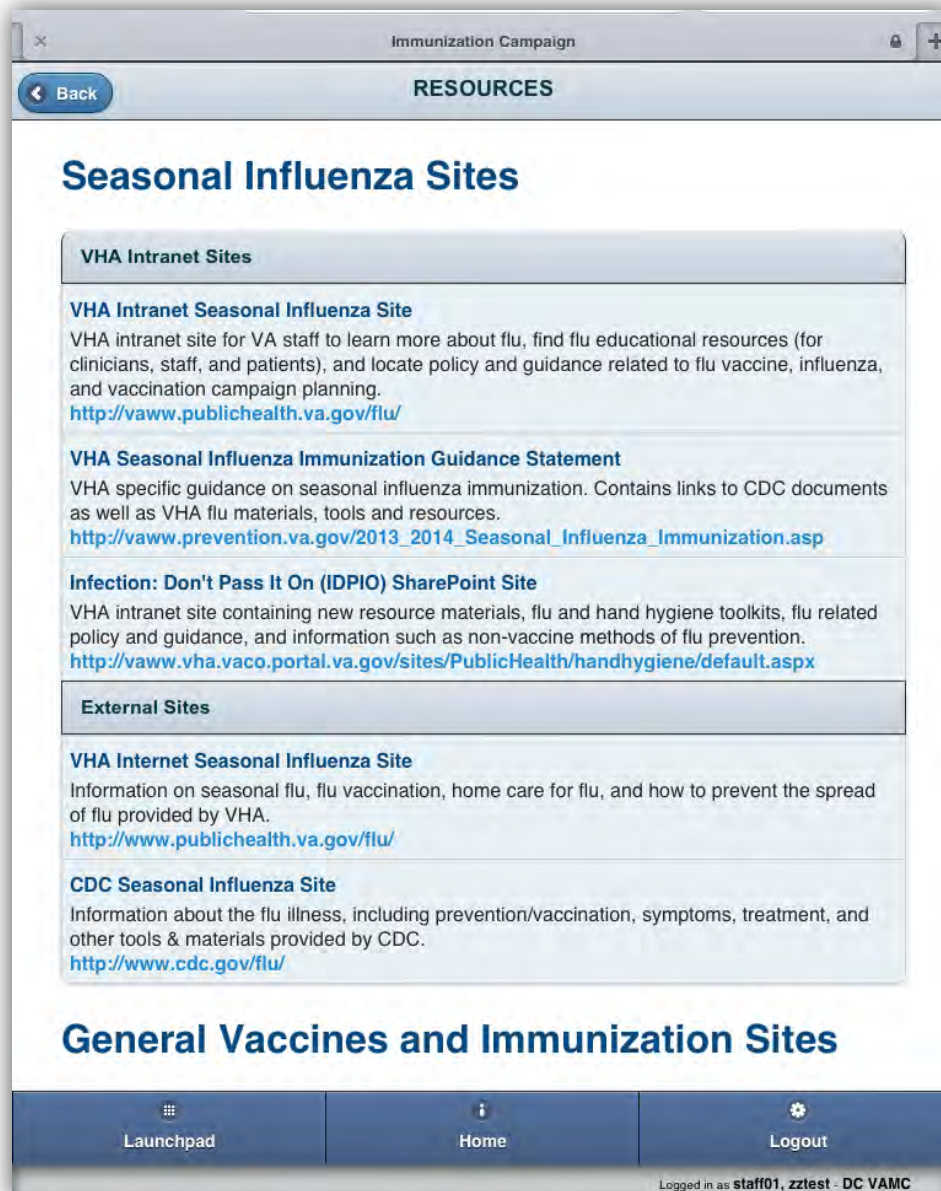


3.5 Resources screen

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](#).

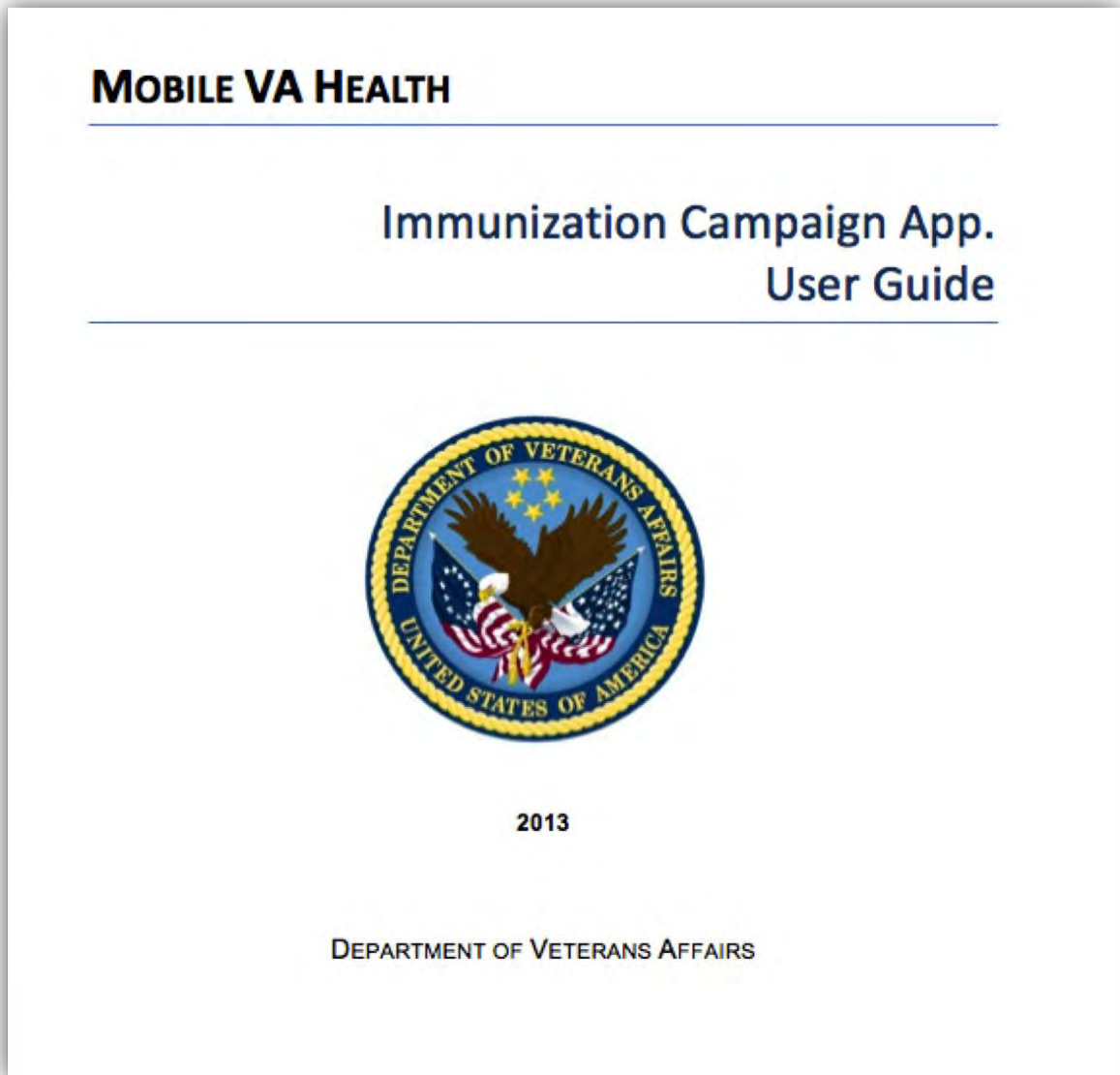
FIGURE 8 - RESOURCES SCREEN



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

Using the App section provides a detailed description of App's major 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/manufacture, 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 information
- Location (Clinic) & Note Title
- Vaccine Profiles

FIGURE 10 - IMMUNIZATION TEMPLATE (INITIAL VIEW)

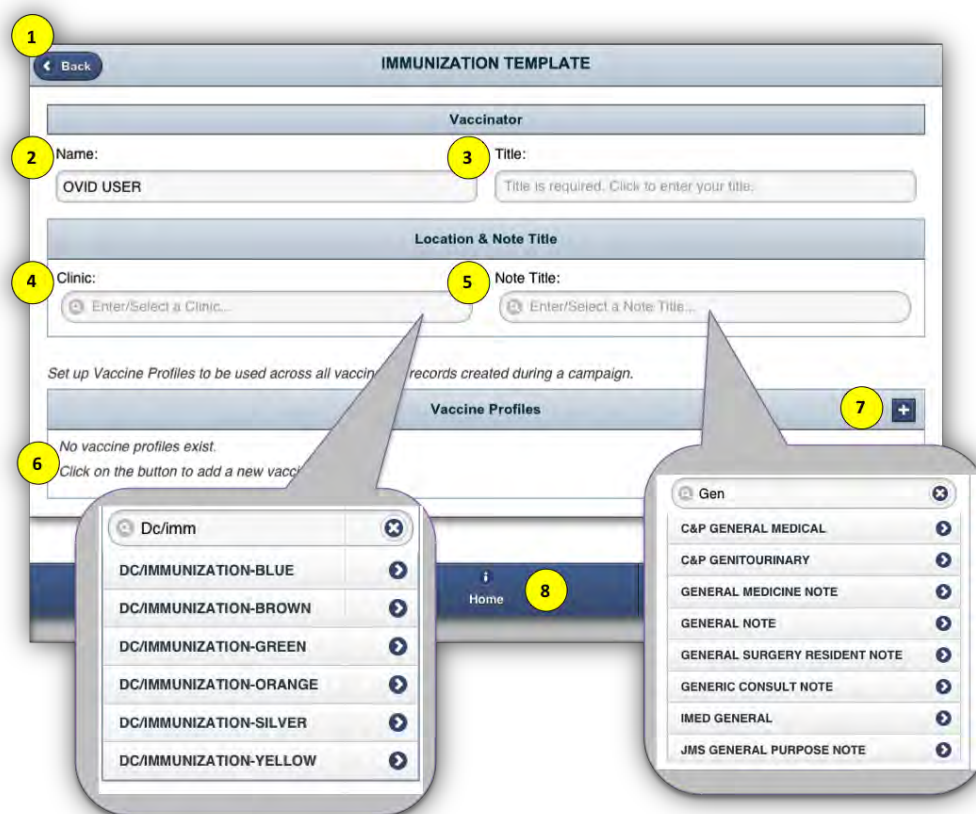



TABLE 3 - IMMUNIZATION TEMPLATE (INITIAL VIEW) DETAILS

Item	Label	Description	Notes
	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.
	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.
	Note Title	Designated Note Title for Progress Note submission.	<ul style="list-style-type: none"> Enter/select Note Title (ask your Supervisor for which Note Title value to use). Auto-fill (after 3 letters); see pop-up in Figure 10. Required field. See TIP #2 for important note on Note Title.
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 <i>item</i> #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.
		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.

8	Home	Home button	○ Return to Home screen .
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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 & Note Title

Location (Clinic) information & ***Note Title*** 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

The screenshot shows the 'New Vaccine Details' screen with the following fields and callouts:

- 1**: Vaccine Type: Select one (dropdown menu)
- 2**: Version of VIS: (text input field)
- 3**: VIS URL: (text input field)
- 4**: Test URL: (button)
- 5**: Trade Name: Select one (dropdown menu)
- 6**: Manufacturer: (text input field)
- 7**: Dose: (text input field)
- 8**: Route: (text input field)
- 9**: Lot Number: (text input field)
- 10**: Expiration Date: Month (dropdown), Day (dropdown), Year (dropdown)
- 11**: Save (button)

A yellow callout box points to the 'Vaccine: Influenza' field with the text: 'Currently, only the **Influenza** vaccine is supported. Other vaccines may be added on future releases of the App.'

* All fields are required.

Cancel Save

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 <i>Item #1</i>). 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 <i>Item #1</i>). 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 <i>Item #3</i>.
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 <i>Item #1</i>) are displayed in the dropdown selection box (see Figure 12). See TIP #3 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 <i>Item #5</i>). 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 <i>Item #5</i>). 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 <i>Item #5</i>). 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 <i>Item #5</i>). Display only / un-editable (see Figure 13). See TIP #3 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 <i>Item #5</i>). See TIP #3 for important information on Expiration Date.

11	Save	Save button	Saves the Vaccine Profile. Return to 3.3 Immunization Template screen .
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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

New Vaccine Details

* All fields are required.

Vaccine: Influenza

Vaccine Type: IIV3-Inactivated Influenza Vaccine, Trivalent

Version of Vaccine: 07/26/2013

Trade Name: **Select one**

Dose: **Select one**

Lot Number:

Expiration Date: Month Day Year

Save

Only the vaccine trade names associated with the selected Vaccine Type are available for selection.

Trade Name Dropdown Options:

- Select one
- Afluria (single-dose)
- Afluria (multi-dose vial)
- Fluarix
- FluLaval
- Fluvirin (single-dose)
- Fluvirin (multi-dose vial)
- Fluzone (single-dose syringe)
- Fluzone (single-dose vial)
- Fluzone (multi-dose vial)
- Fluzone Intradermal

Vaccine Type Dropdown Options:

- Select one
- IIV3-Inactivated Influenza Vaccine, Trivalent
- ccIIV3 - Cell culture-based Inactivated Influenza Vaccine, Trivalent
- IIV4 - Inactivated Influenza Vaccine, Quadrivalent
- RIV3 - Recombinant Influenza Vaccine, Trivalent
- LAIV4 - Live-attenuated Influenza Vaccine, Quadrivalent

FIGURE 13 - DATA ENTRY FOR NEW VACCINE DETAILS SCREEN

The screenshot shows the 'New Vaccine Details' form with the following fields and values:

- 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 (single-dose vial)
- Manufacturer:** Sanofi Pasteur
- Dose:** 0.5 mL single-dose vial
- Route:** Intramuscular
- Lot Number:** 1234567890
- Expiration Date:** August 31, 2016

Annotations (yellow 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.

Buttons: Cancel, Save, Test URL.

Pop-up window text: Re-enter lot number. You must re-enter the lot number for security reasons. OK

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](#)).

[Summary* Recommendations: Prevention and Control of Influenza with Vaccines: Recommendations of the Advisory Committee on Immunization Practices—\(ACIP\)—United States, 2013-14](#)

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

Vaccine Type	Trade Name	Manufacturer	Dose (default value)	Route [‡]	CPT Code [§]
ccIIV3 Cell culture-based Inactivated Influenza Vaccine, Trivalent	Flucelvax	Novartis	0.5 mL single-dose prefilled syringe	IM	90661
IIV3 Inactivated Influenza Vaccine, Trivalent	Afluria (single-dose)	CSL Limited	0.5 mL single-dose prefilled syringe	IM	90656
	Afluria (multi-dose vial)	CSL Limited	5.0 mL multi-dose vial	IM	90658
	Fluarix	GlaxoSmithKline	0.5 mL single-dose prefilled syringe	IM	90656
	FluLaval	GlaxoSmithKline	5.0 mL multi-dose vial	IM	90658
	Fluvirin (single-dose)	Novartis	0.5 mL single-dose prefilled syringe	IM	90656
	Fluvirin (multi-dose vial)	Novartis	5.0 mL multi-dose vial	IM	90658
	Fluzone (single-dose syringe)	Sanofi Pasteur	0.5 mL single-dose prefilled syringe	IM	90656
	Fluzone (single-dose vial)	Sanofi Pasteur	0.5 mL single-dose vial	IM	90656
	Fluzone (multi-dose vial)	Sanofi Pasteur	5.0 mL multi-dose vial	IM	90658
	Fluzone Intradermal	Sanofi Pasteur	0.1 mL prefilled microinjection system	ID	90654
	Fluzone High-Dose	Sanofi Pasteur	0.5 mL single-dose prefilled syringe	IM	90662
IIV4 Inactivated Influenza Vaccine, Quadrivalent	Fluarix Quadrivalent	GlaxoSmithKline	0.5 mL single-dose prefilled syringe	IM	90686
	FluLaval Quadrivalent	GlaxoSmithKline	5.0 mL multi-dose vial	IM	90688
	Fluzone Quadrivalent (single-dose syringe)	Sanofi Pasteur	0.5 mL single-dose prefilled syringe	IM	90686
	Fluzone Quadrivalent (single-dose vial)	Sanofi Pasteur	0.5 mL single-dose vial	IM	90686

[‡] IM=intramuscular; ID=intradermal; IN=intranasal.

[§] Administrative CPT of 90471 also applied in addition to the vaccine CPT.

Vaccine Type	Trade Name	Manufacturer	Dose (default value)	Route ‡	CPT Code §
RIV3 Recombinant Influenza Vaccine, Trivalent	FluBlok **	Protein Science	0.5 mL single-dose vial	IM	Q2033
	FluBlok	Protein Science	0.5 mL single-dose vial	IM	90673
LAIV4 Live-attenuated Influenza Vaccine, Quadrivalent	FluMist Quadrivalent	MedImmune	0.2 mL prefilled intranasal sprayer	IN	90672 ††

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 the 'New Vaccine Details' form with the following fields: Vaccine (Influenza), Version of VIS (07/26/2013), Trade Name (Fluzone (single-dose)), Dose (0.5 mL single-dose vial), Lot Number (1234567890), and 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 titled 'Confirm overwrite profile' is displayed in the center, asking: '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.

** CPT Q2033 applied prior to Jan. 1, 2014 or until CPT 90673 patch has been applied to the local Vista site.

†† Only CPT 90672 applied without the administrative CPT of 90471.

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 shows the 'Vaccine Details' screen with the following fields:

- Vaccine:** Influenza
- Vaccine Type:** IIV3-Inactivated Influenza Vaccine, Trivalent
- Version of VIS:** 07/26/2013
- Trade Name:** Fluzone (single-dose vial)
- Dose:** 0.5 mL single-dose vial
- Lot Number:** 1234567890
- Test URL:** (button)
- VIS URL:** http://www.c
- Manufacturer:** Sanofi Pasteur
- Route:** Intramuscular
- Expiration Date:** July

At the bottom, there are 'Back' and 'Edit' buttons. A yellow callout box points to the 'Edit' button with the following text:

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

The 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?' with 'Yes' and 'No' buttons.

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)

Vaccine Details

Vaccine: Influenza

Vaccine Type: IIV3-Inactivated Influenza Vaccine, Trivalent

Version of VIS: 07/26/2013

Trade Name: Fluzone (single-dose vial)

Dose: 0.5 mL single-dose vial

Manufacturer: Sanofi Pasteur

Route: Intramuscular(IM)

Test URL

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

Only the following vaccine information are editable:

- VIS URL
- Lot Number
- Expiration Date

Lot Number: 1234567890

Expiration Date: July 31, 2016

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

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

1 **Delete** **Vaccine Profiles**

Influenza

Use in Campaign	Type	Trade Name (Manufacturer)	Route	Dose	Lot #	
<input checked="" type="checkbox"/>	IIV3	Fluzone (single-dose vial) (Sanofi Pasteur)	Intramuscular(IM)	0.5 mL single-dose vial	1234567890	>
<input checked="" type="checkbox"/>	IIV3	Fluzone High-Dose (Sanofi Pasteur)	Intramuscular(IM)	0.1 mL prefilled microinjection system	0987654321	>
<input checked="" type="checkbox"/>	LAIV4	FluMist Quadrivalent (MedImmune)	Intranasal(IN)	0.2 mL prefilled intranasal sprayer	Q12345	>
<input type="checkbox"/>	ccIIV3	Flucelvax (Novartis Vaccines)	Intramuscular(IM)	0.5 mL single-dose prefilled syringe	QWER1234	>

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

2 **Done** **Vaccine Profiles**

Influenza

Delete	Type	Trade Name (Manufacturer)	Route	Dose	Lot #	
<input checked="" type="checkbox"/>	IIV3	Fluzone (single-dose vial) (Sanofi Pasteur)	Intramuscular(IM)	0.5 mL single-dose vial	1234567890	>
<input checked="" type="checkbox"/>	IIV3	Fluzone High-Dose (Sanofi Pasteur)	Intramuscular(IM)	0.1 mL prefilled microinjection system	0987654321	>
<input checked="" type="checkbox"/>	LAIV4	FluMist Quadrivalent (MedImmune)	Intranasal(IN)	0.2 mL prefilled intranasal sprayer	Q12345	>
<input type="checkbox"/>	ccIIV3	Flucelvax (Novartis Vaccines)	Intramuscular(IM)	0.5 mL single-dose prefilled syringe	QWER1234	>

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

3 **Done** **Vaccine Profiles**

Influenza

Delete	Type	Trade Name (Manufacturer)	Route	Dose	Lot #	
<input checked="" type="checkbox"/>	IIV3	Fluzone (single-dose vial) (Sanofi Pasteur)	Intramuscular(IM)	0.5 mL single-dose vial	1234567890	>
<input checked="" type="checkbox"/>	IIV3	Fluzone High-Dose (Sanofi Pasteur)	Intramuscular(IM)	0.1 mL prefilled microinjection system	0987654321	>
<input checked="" type="checkbox"/>	LAIV4	FluMist Quadrivalent (MedImmune)	Intranasal(IN)	0.2 mL prefilled intranasal sprayer	Q12345	Delete
<input type="checkbox"/>	ccIIV3	Flucelvax (Novartis Vaccines)	Intramuscular(IM)	0.5 mL single-dose prefilled syringe	QWER1234	>

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

4 **Done** **Vaccine Profiles**

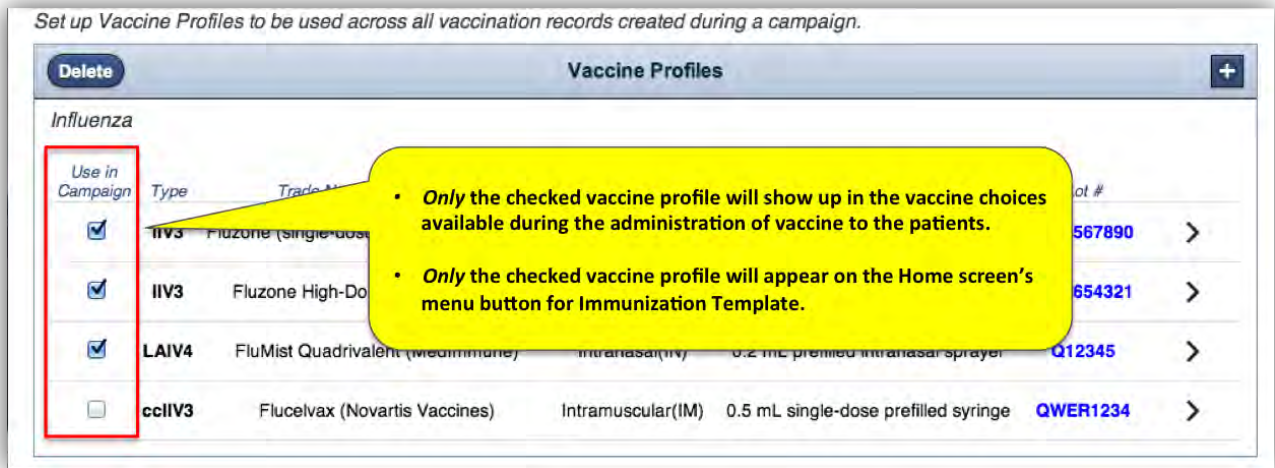
Influenza

Delete	Type	Trade Name (Manufacturer)	Route	Dose	Lot #	
<input checked="" type="checkbox"/>	IIV3	Fluzone (single-dose vial) (Sanofi Pasteur)	Intramuscular(IM)	0.5 mL single-dose vial	1234567890	>
<input checked="" type="checkbox"/>	IIV3	Fluzone High-Dose (Sanofi Pasteur)	Intramuscular(IM)	0.1 mL prefilled microinjection system	0987654321	>
<input type="checkbox"/>	ccIIV3	Flucelvax (Novartis Vaccines)	Intramuscular(IM)	0.5 mL single-dose prefilled syringe	QWER1234	>

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).

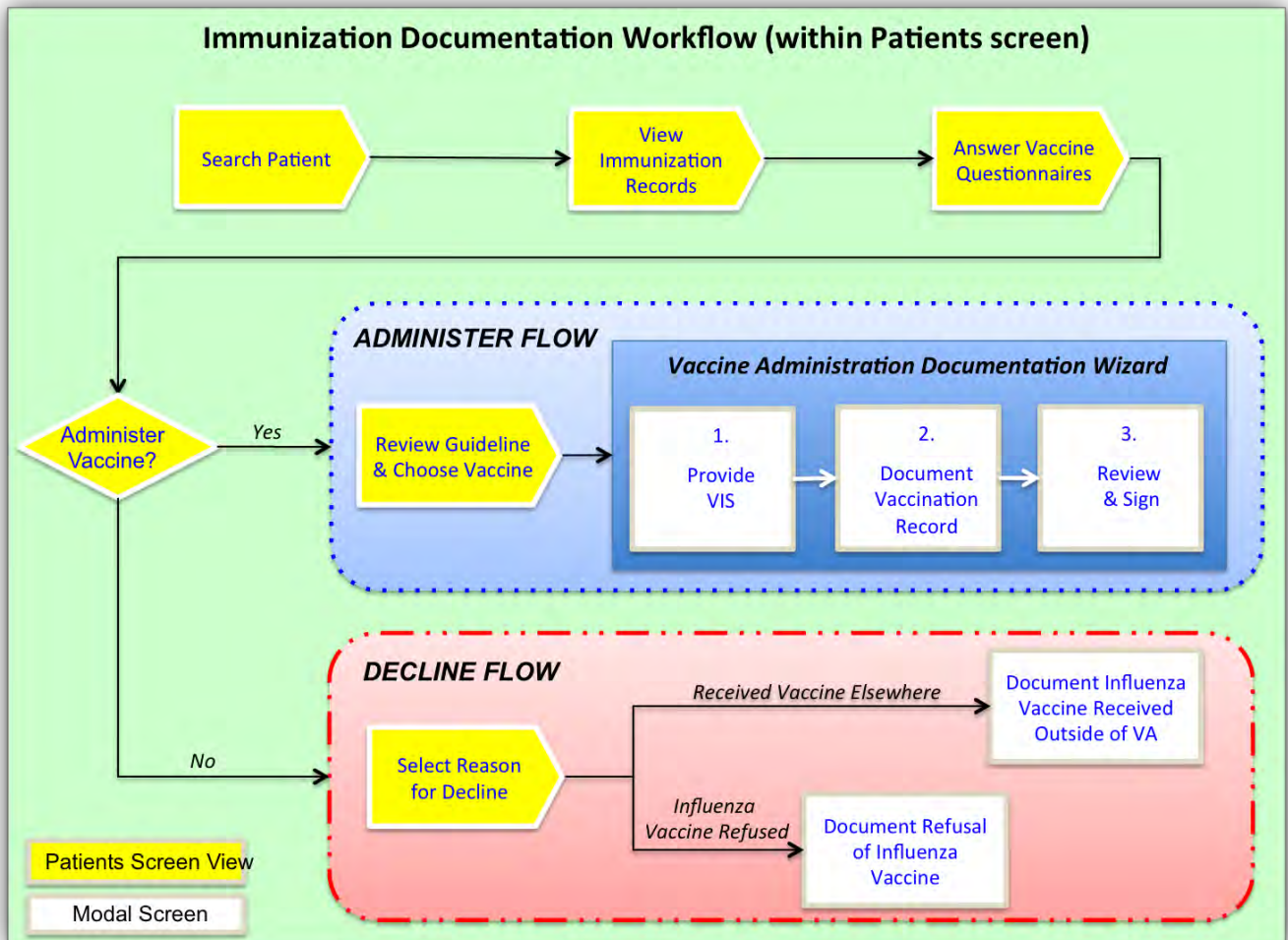
FIGURE 18 – SELECTING VACCINE PROFILE FOR CAMPAIGN



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.

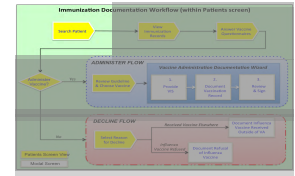
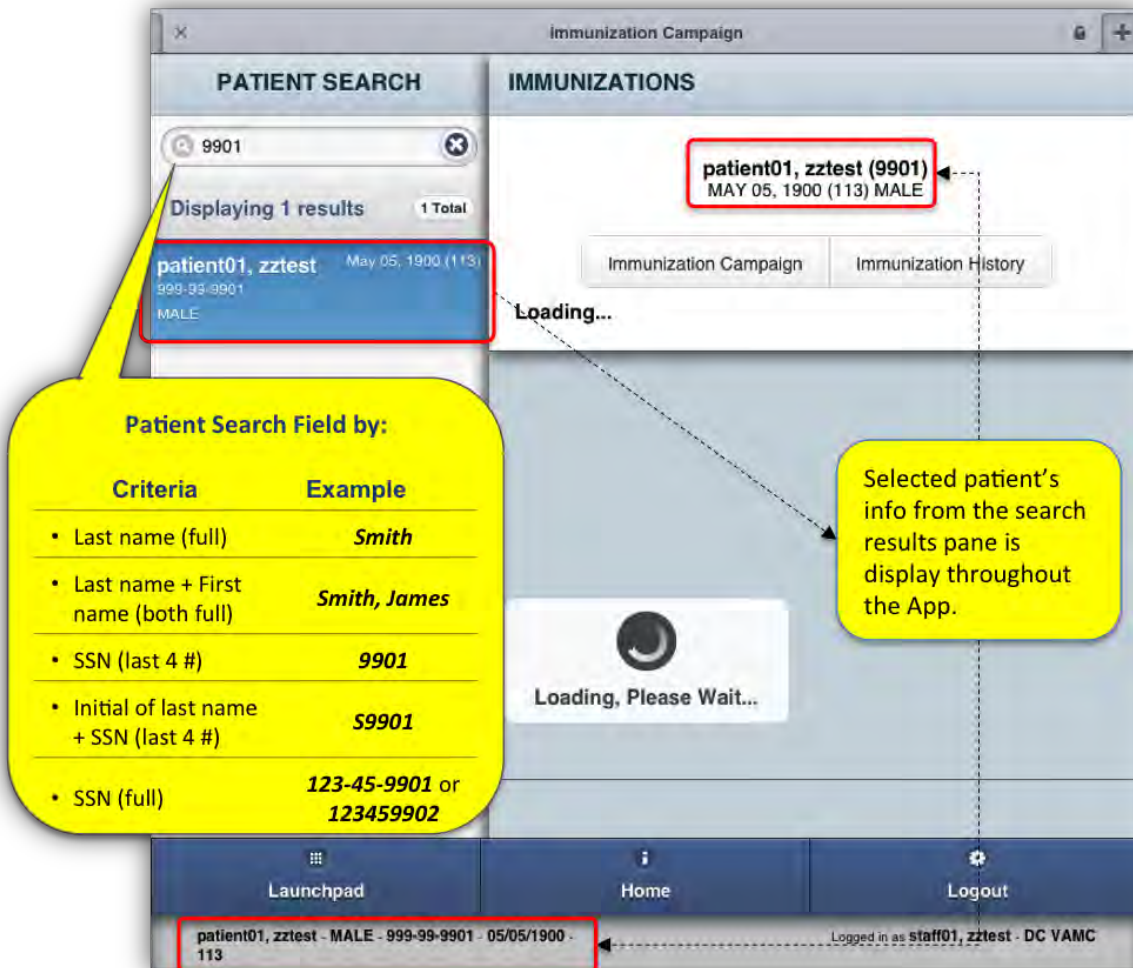


FIGURE 20 – SEARCH PATIENT ON PATIENTS SCREEN



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.

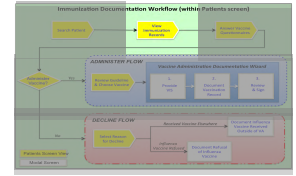


FIGURE 21 – VIEW IMMUNIZATION RECORDS

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

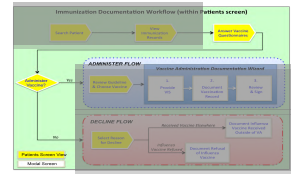
For *Immunization Campaign* view, since the current campaign is for the flu, only the patient's last *influenza* vaccination record is displayed (data from CDW).

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.

1. Is the patient pregnant? (FEMALE only)

Yes No N/A

2. 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.

3. 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.

4. Is the patient allergic to latex?

Yes No

5. Has the patient ever had a severe reaction to any influenza vaccine?

Yes No

6. 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 the patient DOES have a contraindication and vaccine will NOT be given at this time, close this application and document in CPRS instead. Do not select "No" below; continue to CPRS.

Administer vaccine today?

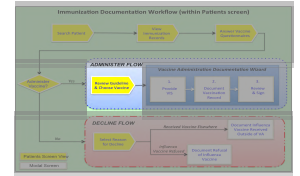
Yes No

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

4.2.4 Review Guideline and Choose Vaccine to administer (Administer Vaccine?)

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).

FIGURE 23 – VACCINE TYPE GUIDELINE AND VACCINE SELECTION



The screenshot shows the 'Immunization Campaign' interface. At the top, there is a question 'Administer vaccine today?' with 'Yes' and 'No' buttons. Below this, there is a table of results. A large yellow arrow points from the 'Yes' button to the 'Vaccine Administration Workflow' section. This section includes a guideline for influenza vaccine type, stating that all persons aged 6 months and older should be vaccinated annually. Below the guideline, there is a list of vaccine types: 'Inactivated Influenza Vaccine (IIV)', 'Live Attenuated Influenza Vaccine (LAIV)', and 'FluMist Quadrivalent (LAIV4)'. A yellow callout box explains that the guideline is provided to aid in choosing the appropriate vaccine. Another yellow callout box states that only vaccine profiles selected for the campaign are available. A third yellow callout box points to a 'Choose vaccine...' dropdown menu, explaining that choosing a vaccine enables the buttons. The dropdown menu shows three options: 'Fluzone (single-dose_syringe) (IIV3) - 1234A0987', 'Fluzone High-Dose (IIV3) - 0987654321', and 'FluMist Quadrivalent (LAIV4) - Q12345'. Below the dropdown menu, there are 'Choose Vaccine:' and 'Cancel' buttons, which are highlighted with a red box.

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.

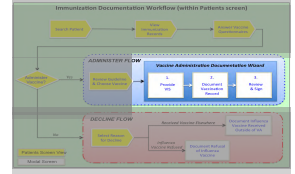
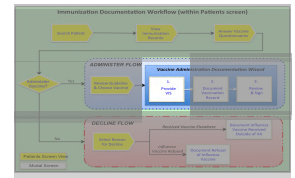


FIGURE 24 - VACCINE ADMINISTRATION DOCUMENTATION WORKFLOW



4.2.5.1 Provide Vaccine Information Statement (VIS)

First step of the Vaccine Administration Documentation is to provide the Vaccine Information Statement (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 Statement (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

The screenshot shows the 'VACCINE ADMINISTRATION' screen with a progress bar at the top indicating three steps: 1. Provide VIS (highlighted with a blue arrow and a yellow circle 1), 2. Document Vaccination Record, and 3. Review & Sign.

Below the progress bar, the text reads: 'Provide the patient with the opportunity to review the Vaccine Information Statement (VIS).'. On the right, patient information is displayed: 'patient01, zztest (9901)', 'May 05, 1900 (113) MALE'.

The main section is titled 'Vaccine Information Statement (VIS)'. It contains a table for 'IIV3-Inactivated Influenza Vaccine, Trivalent' with columns for 'Version', 'English', and 'Other'. The 'Version' column shows '07/26/2013'. There is a red 'PDF' icon and a link to 'Other languages'.

Below the table, there is an 'Email VIS' section. It includes a 'Language' dropdown menu with 'English' selected and 'Other' as an option (highlighted with a yellow circle 3). There is a 'URL' field with the value 'http://www.cdc.gov/vaccines/hcp/vis/vis-statements/flu.pdf'.

At the bottom, there is an 'Email' field with the placeholder text 'Enter patient email address, if desired.' (highlighted with a red box and a yellow circle 4). To the right of this field is a 'Send' button with a checkmark icon.

At the very bottom, there are 'Cancel' and 'Next' buttons, with the 'Next' button highlighted by a yellow circle 5.

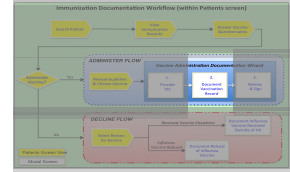
A callout box on the right shows an 'Email' field with the value 'Personal@email.com' and a 'Send' button with a checkmark icon. Below this, a green box says 'Email sent'.

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 Statement (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 <i>Item 4</i>). ○
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 <i>Item #3</i>. ○ 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

VACCINE ADMINISTRATION

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

Please document the vaccination record for the patient. **patient01, zztest (9901)**
May 05, 1900 (113) MALE

1 Visit Related To * * indicates required

Service Connected Condition: Yes No
 Combat Vet (Combat Related): Yes No
 Agent Orange Exposure: Yes No
 Ionizing Radiation Exposure: Yes No
 Southwest Asia Conditions: Yes No (Pre-set, Editable)
 Shipboard Hazard and Defense: Yes No (Non/Pre-set, Non-editable)
 MST: Yes No (Non-set, Editable)
 Head and/or Neck Cancer: Yes No (Non-set, Editable)

2 Vaccination Record

Vaccine: Influenza Trade Name: Fluzone (single-dose v Manufacturer: Sanofi Pasteur Expiration Date: 07/31/2016 Version of VIS: 07/26/2013
 Vaccine Type: IIV3-Inactivated Influenza Vaccine, Trivalent Route: Intramuscular(IM) Date VIS Given: 09/30/2013

3 Edit **4 Edit**

Dose *: 0.5 mL single-dose vial Lot Number *: 1234567890

5 Injection Site * Choose injection site...
 Choose injection site...
 Deltoid, Left
 Deltoid, Right
 Dorsogluteal, Left
 Dorsogluteal, Right
 Vastus Lateralis, Left
 Vastus Lateralis, Right
 Ventrogluteal, Left
 Ventrogluteal, Right

6 Comments / Notes:
 Please include any other pertinent patient factors such as pregnancy status, reaction to vaccine, or a when immunization was received.

7 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

Choices for injection sites vary depending on the **Route** method (Intramuscular, Intradermal, Intranasal)

8 Back Next

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 <i>Item #5</i>) 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 <i>Items</i> #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.

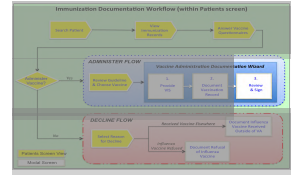


FIGURE 27 - REVIEW & SIGN SCREEN

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
Yes No

Southwest Asia Conditions
Yes No

Combat Vet (Combat Related)
Yes No

Shipboard Hazard and Defense
Yes No

Agent Orange Exposure
Yes No

MST
Yes No

Ionizing Radiation Exposure
Yes No

Head and/or Neck Cancer
Yes No

Vaccination Record

Vaccine:
Influenza

Trade Name:
Fluzone (single-dose v

Manufacturer:
Sanofi Pasteur

Vaccine Type:
IIV3-Inactivated Influenza Vaccine, Trivalent

Dose:
0.5 mL single-dose vial

Injection Site:
Deltoid, Right

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 staff01

Title:
R.N.

Signed:
09/30/2013

Clinic:
DC/IMMUNIZATION-BLUE

Note Title:
GENERAL NOTE

In the event user tries to "Sign & Submit" without having the following data items entered/selected from the [Immunization Template](#) (or forgot to do so), an input data field instead of display label will be shown:

- Vaccinator Title
- Clinic (Location)
- Note Title

Once the value(s) is(are) entered/selected, it will be auto-saved to the [Immunization Template](#), thus user does not have to do it again for next patient.

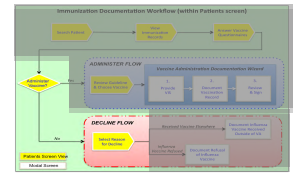
Back Sign & Submit 1

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 Password / 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.

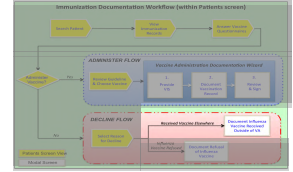
Choose reason...

- 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.)

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

* indicates required

Vaccination Information

1 Immunization Received Date:*

September 30 2013

2 Vaccine Administered:

General Influenza

3 Dose

4 Com

5 The

Is t

Is t

Is t

Has

Has

Vacc

OVID

Signed:

09/30/2013

Note Title:*

Enter/Select a Note Title...

Clinic:*

Enter/Select a Clinic...

Cancel Sign & Submit 6

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

In the event user tries to "Sign & Submit" without having the following data items entered/selected from the [Immunization Template](#) (or forgot to do so), an input data field instead of display label will be shown:

- Vaccinator Title
- Clinic (Location)
- Note Title

Once the value(s) is(are) entered/selected, it will be auto-saved to the [Immunization Template](#), thus user does not have to do it again for next patient.

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).
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 <i>Items 6</i>.
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 Password / 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.

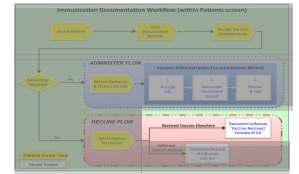


FIGURE 30 - DOCUMENT REFUSAL OF INFLUENZA VACCINE SCREEN

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

1 **Comments / Notes:**

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

NOTE: Do NOT use this form if the patient has already been vaccinated (VA). Return to the previous screen and select Reason =

2 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?
- 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?
- Has the patient ever had Guillain-Barre Syndrome? No

Vaccinator: zztest staff01 Title: R.N.

Signed: 09/30/2013 Clinic: Enter/Select a Clinic...

Note Title: GENERAL NOTE

Cancel Sign & Submit 3

In the event user tries to "Sign & Submit" without having the following data items entered/selected from the [Immunization Template](#) (or forgot to do so), an input data field instead of display label will be shown:

- Vaccinator Title
- Clinic (Location)
- Note Title

Once the value(s) is(are) entered/selected, it will be auto-saved to the [Immunization Template](#), thus user does not have to do it again for next patient.

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 Password / 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 – Password & 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. For additional security, user's **Password** used to login to the App is also required.

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

FIGURE 31 - ELECTRONIC SIGNATURE CODE POPUP



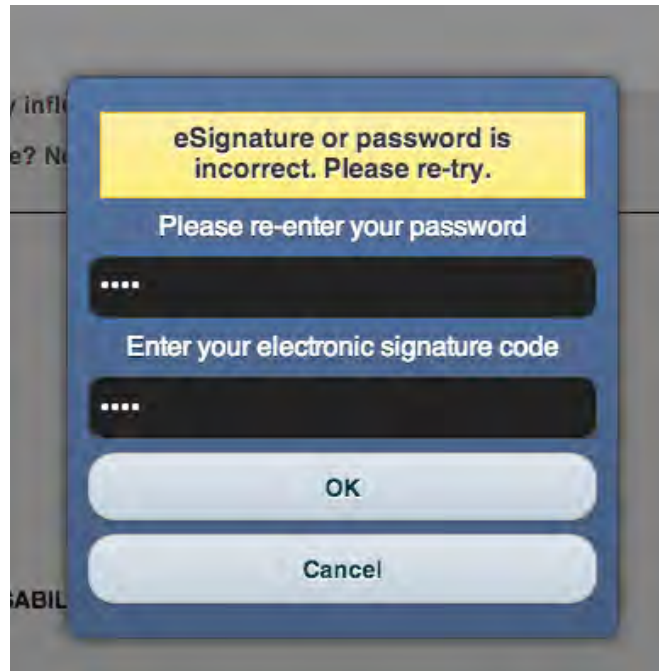
Upon entering a successful Password and Electronic Signature Code, the user is returned to the Patients screen with message indicating documentation successfully submitted (see Figure 32).

FIGURE 32 - SUCCESSFUL SUBMISSION MESSAGE



Invalid Password and/or Electronic Signature Code submission will display error message and user is prompted to re-enter the information (see Figure 33).

FIGURE 33 – INVALID PASSWORD / E-SIGNATURE CODE 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 34)
- General Vaccines and Immunization Sites (see [Figure 35](#))

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

FIGURE 34 - RESOURCES SCREEN (SEASONAL INFLUENZA SITES)

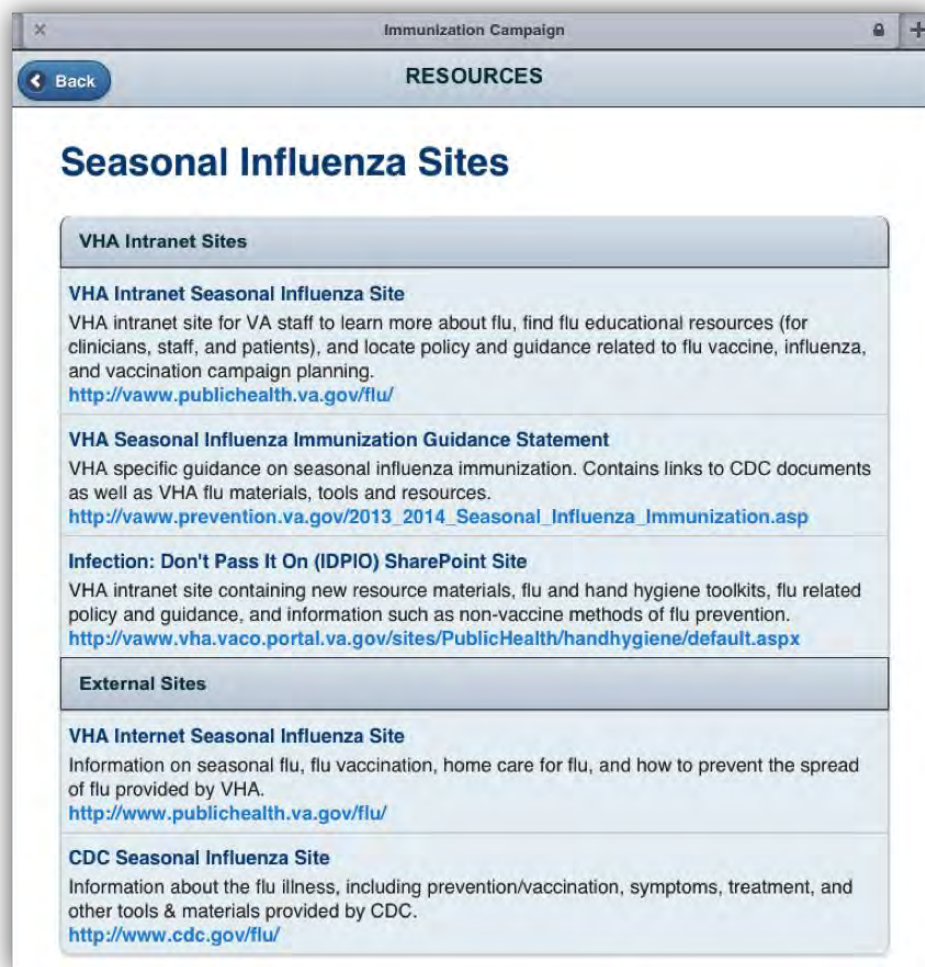
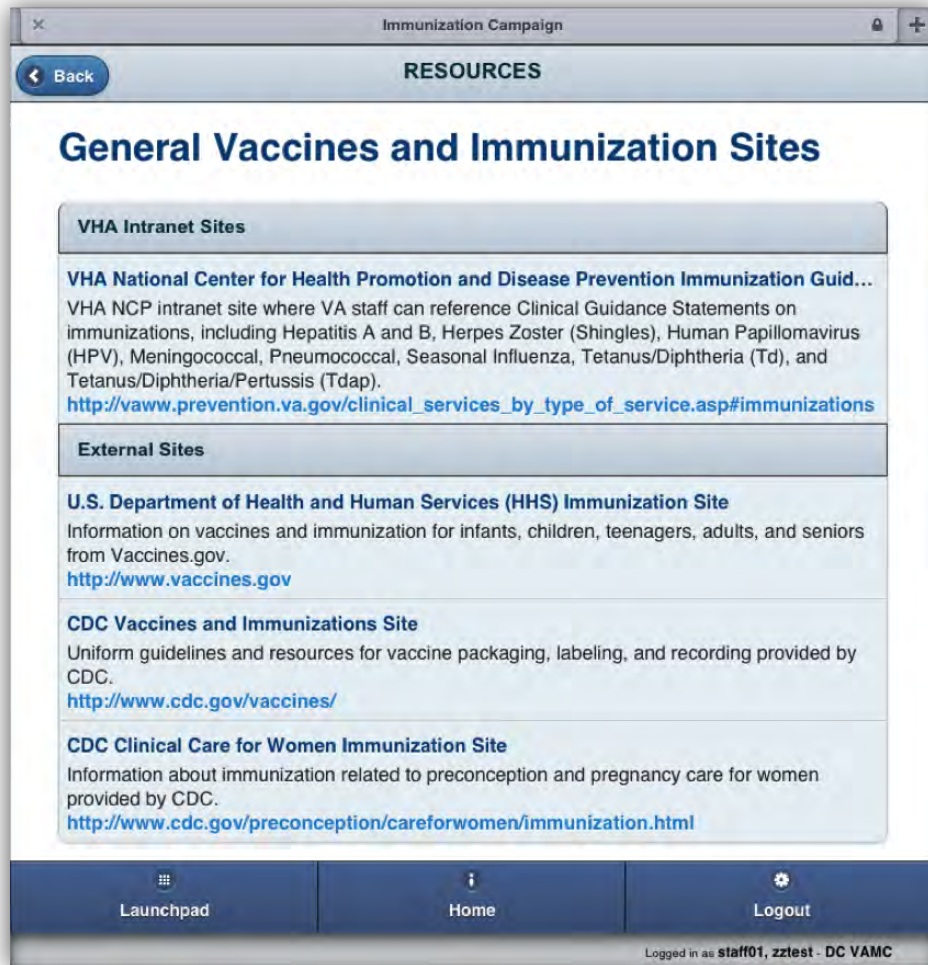


FIGURE 35 - RESOURCES SCREEN (GENERAL VACCINES AND IMMUNIZATION SITES)



4.4 User Guide

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

FIGURE 36 – USER GUIDE (TABLE OF CONTENTS)

Table of Contents	
<u>TABLE OF CONTENTS</u>	<u>2</u>
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1.2 ORGANIZATION OF THE USER GUIDE	6
<u>2 APP SUMMARY</u>	<u>7</u>
2.1 APP CONFIGURATION	7
2.2 USER ACCESS LEVELS	8
2.3 IMMUNIZATION CAMPAIGN WORKFLOW	8
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5 Appendix – CPRS Prerequisites

Appendix section provides list of required prerequisites for deploying the Immunization Campaign App at the specific VA Hospital (**VistA**) location.

At the local **VistA** site (the location of the server which the user connects to when logging into **CPRS**), where the Immunization Campaign App is deployed, it is imperative that local **VistA** (**CPRS**) is properly configured/set-up with proper “codes”.

In order to successfully submit patient’s immunization record via Immunization Campaign App, please verify (and if applicable, apply necessary patch/updates)^{**} the items for the local **VistA** (**CPRS**) site where the App will be used.

TABLE 11 - CPRS PREREQUISITES PREPARATION

CPRS DATA	VALUE	NOTES
User/VistA Credentials <ul style="list-style-type: none">User NamePasswordVA Location (VistA)Provider’s Electronic Signature Code	<ul style="list-style-type: none">CPRS Access CodeCPRS Verify CodeFacility (e.g. DC VAMC)Electronic Signature Code of the Provider the user belongs to.	
Primary Diagnosis Code	V04.81	Code for Immunization
Secondary Stop Code - DSS ID	710 (Flu/Pneumococcal Vaccination)	Secondary Stop Code to properly credit the workload
National / Enterprise Note Title	IMMUNIZATION NOTE	Map local Note Title to this Enterprise Note Title.
Health Factor	INFLUENZA VACCINE REFUSED	Used for capturing refusal of vaccination.

^{**} Latest Lexicon patch may be required and applied to the CPRS/VistA in order to have all values listed per Table 11.

CPRS DATA	VALUE	NOTES																						
CPT for Influenza Vaccines	<table><tr><th>Code</th><th>Description</th></tr><tr><td>90471</td><td>For immunization administration for patients over 18 years of age or for immunization administrations performed by an office nurse who is allowed by applicable statute or regulation to explain the risks and benefits of vaccines, codes 90471-90474 should be reported</td></tr><tr><td>90654</td><td>Influenza virus vaccine, split virus, preservative-free, for intradermal use</td></tr><tr><td>90656</td><td>Influenza virus vaccine, trivalent, split virus, preservative free, when administered to individuals 3 years and older, for intramuscular use</td></tr><tr><td>90658</td><td>Influenza virus vaccine, trivalent, split virus, when administered to individuals 3 years of age and older, for intramuscular use</td></tr><tr><td>90661</td><td>Influenza virus vaccine, derived from cell cultures, subunit, preservative and antibiotic free, for intramuscular use</td></tr><tr><td>90662</td><td>Influenza virus vaccine, split virus, preservative free, enhanced immunogenicity via increased antigen content, for intramuscular use</td></tr><tr><td>90672</td><td>Influenza virus vaccine, Quadrivalent, live, for intranasal use</td></tr><tr><td>90673 (Q2033)</td><td>Influenza virus vaccine, Recombinant Hemagglutinin Antigens, for intramuscular use</td></tr><tr><td>90686</td><td>Influenza virus vaccine, Quadrivalent, split virus, preservative free, when administered to individuals 3 years of age and older, for intramuscular use</td></tr><tr><td>90688</td><td>Influenza virus vaccine, Quadrivalent, split virus, when administered to individuals 3 years of age and older, for intramuscular use</td></tr></table>	Code	Description	90471	For immunization administration for patients over 18 years of age or for immunization administrations performed by an office nurse who is allowed by applicable statute or regulation to explain the risks and benefits of vaccines, codes 90471-90474 should be reported	90654	Influenza virus vaccine, split virus, preservative-free, for intradermal use	90656	Influenza virus vaccine, trivalent, split virus, preservative free, when administered to individuals 3 years and older, for intramuscular use	90658	Influenza virus vaccine, trivalent, split virus, when administered to individuals 3 years of age and older, for intramuscular use	90661	Influenza virus vaccine, derived from cell cultures, subunit, preservative and antibiotic free, for intramuscular use	90662	Influenza virus vaccine, split virus, preservative free, enhanced immunogenicity via increased antigen content, for intramuscular use	90672	Influenza virus vaccine, Quadrivalent, live, for intranasal use	90673 (Q2033)	Influenza virus vaccine, Recombinant Hemagglutinin Antigens, for intramuscular use	90686	Influenza virus vaccine, Quadrivalent, split virus, preservative free, when administered to individuals 3 years of age and older, for intramuscular use	90688	Influenza virus vaccine, Quadrivalent, split virus, when administered to individuals 3 years of age and older, for intramuscular use	<p>For all vaccine given, CPT 90471 is also applied, in addition to the CPT for the vaccine given</p> <p>NOTE: For CPT 90672, CPT 90471 IS NOT applied.</p> <p>90673 will be available after January 1, 2014.</p> <p>Q2033 should be active until 90673 become activated at local Vista site, at which time, Q2033 will get deactivated.</p> <p>Only one code (either Q2033 or 90673) is active at anytime.</p>
	Code	Description																						
	90471	For immunization administration for patients over 18 years of age or for immunization administrations performed by an office nurse who is allowed by applicable statute or regulation to explain the risks and benefits of vaccines, codes 90471-90474 should be reported																						
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