

Ministry of Health

COVax_{ON} Clinical Flow Modernization

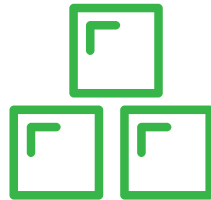
Overview of System Process Changes

Overview

- 1 Key Objectives and Benefits
- 2 Process Flow Changes
- 3 Screen Changes

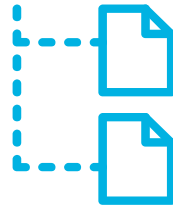
Introducing Clinical Flow Modernization

Starting in June, new system features will improve the usability of COVax_{ON} as well as enable it to support broader provincial immunization technology objectives in the future.



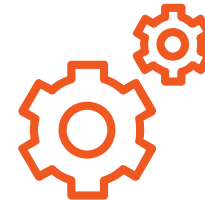
Creating a Foundation

Create a foundation for supporting other types of vaccines and external feeds/systems



Decoupling Inventory

Users can record historical doses without decrementing from provincial inventory supplies



Improving Maintenance

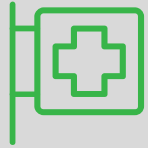
Improve the ability to perform system maintenance and enhancements

Process Flow Changes



Process Flow Categories

CURRENT



SIMPLIFIED

Intended for vaccines administered by **solo clinicians**



STANDARD

Intended for **mass immunization clinics**



HISTORICAL

Intended for documenting **past** or **out of province** immunizations

FUTURE



MODERNIZED

Intended for **all immunization Flows**

Process Flows | Current State



SIMPLIFIED

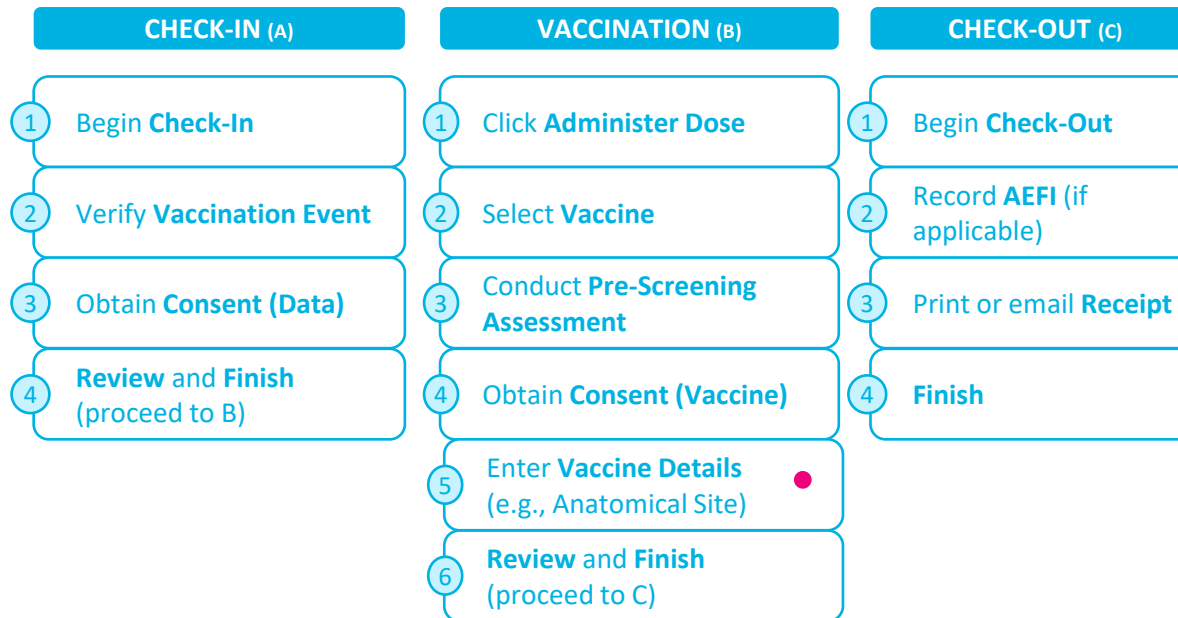
Intended for vaccines administered by **solo clinicians**

- 1 Click **Launch Simplified Flow**
- 2 Verify **Vaccination Event**
- 3 Obtain **Consent**
- 4 Select **Vaccine**
- 5 Conduct **Pre-Screening Assessment**
- 6 Enter **Vaccine Details** (e.g., Anatomical Site) ●
- 7 **Review and Finish**



STANDARD

Intended for **mass immunization clinics**



● Note that **Vaccine Details** differ for each flow. Refer to the appendix for more information.

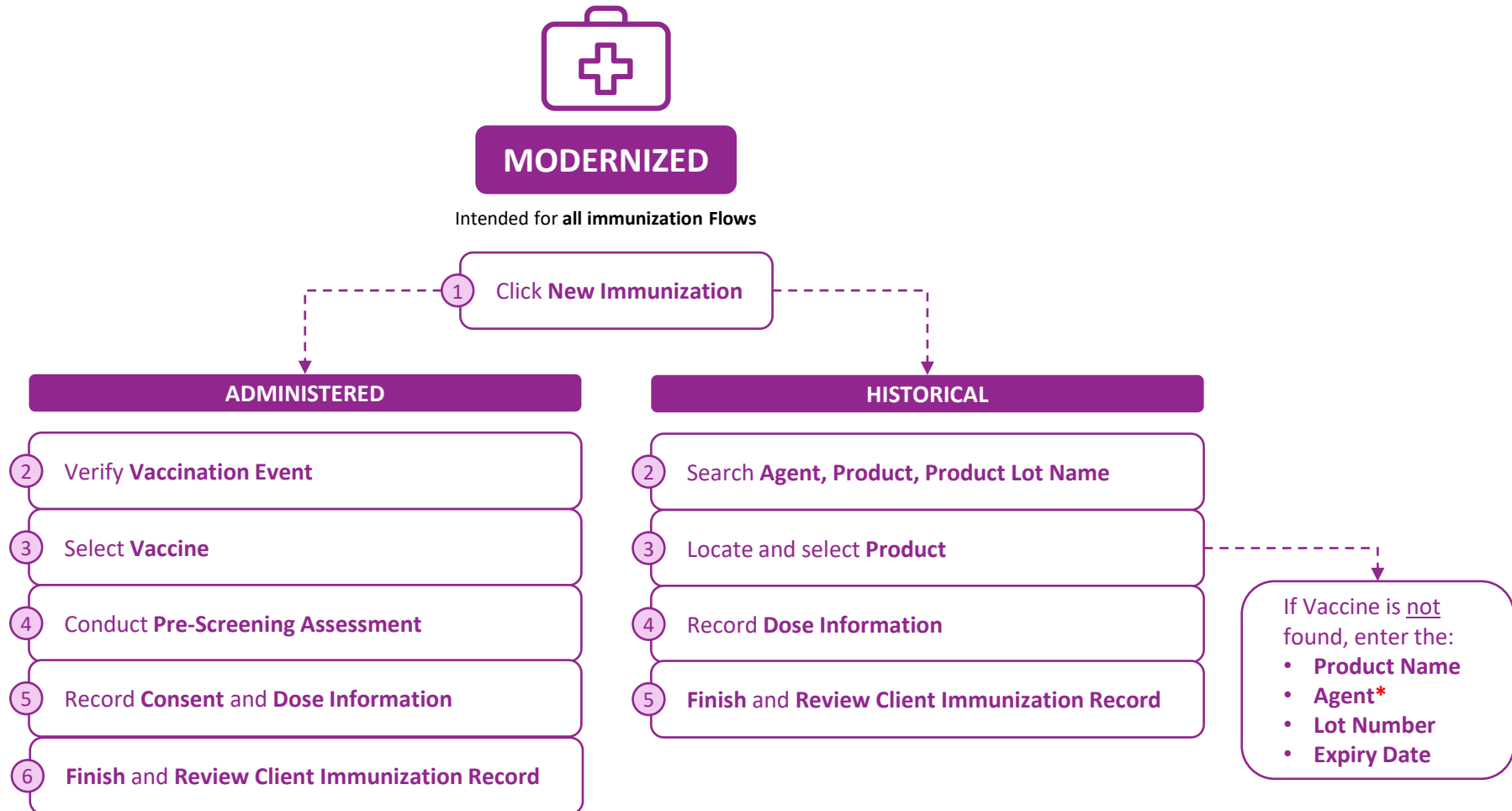


HISTORICAL

Intended for documenting **past** or **out of province** immunizations

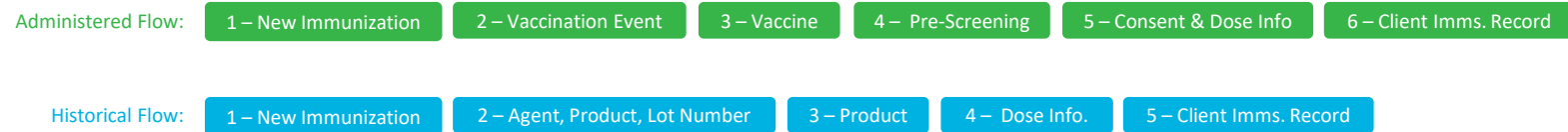
- 1 Select **Document Historical Dose**
- 2 **Out of Province Non-ON Stock**
- 3 **Product**
- 4 **Lot Number + Expiry Date**
- 5 Obtain **Consent (Service)**
- 6 Enter **Vaccine Details** (e.g., Country) ●
- 7 **Review and Finish**

Process Flows | Future State

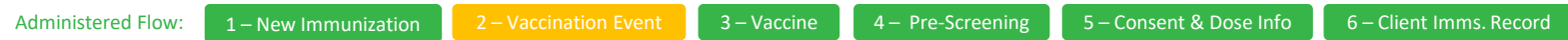


Let's dive into the modernized process flows

Look out for one of the two maps at the top of each page as an indicator of which flow we're in:



Look out for the yellow highlight as an indicator of which step of the flow we're in:



Record a Vaccination: *Administered*



Record a Vaccination | Administered

Administered Flow:

1 – New Immunization

2 – Vaccination Event

3 – Vaccine

4 – Pre-Screening

5 – Consent & Dose Info

6 – Client Imms. Record

Step 1

From the client record, click **New Immunization**, then select 'Administered'.

Differences from current state:

- On the client record, Check-in, Check out, and Administer Dose buttons have been replaced with one button called **New Immunization**.
- The **New Immunization** button can be accessed from either the client record, or the vaccination event page to record a dose.
- After clicking the **New Immunization** button on the client record, users can select **Administered** to record a dose.

The screenshot displays a client record for 'Mr. test_kk_29481'. At the top, there are three buttons: 'New Immunization' (highlighted with a green box), 'Review Dose Administered', and 'Generate Unique Key'. Below these are fields for 'Age' (0 Years 2 Month(s)) and 'Total Doses' (0). There is an 'Alerts (0)' section with a 'New' button. A message states 'We found no potential duplicates of this Client.' Below that is a 'Clinical Notes (0)' section. A 'Details' table shows fields like Client Name, ID, Alias, Duplicate Key, Health Card Number / COVID ID, RPDB Number, Birthdate, Alternative ID, Estimated DoB, Other Alternative ID, Gender, Alternative ID #, and Event ID. A modal dialog titled 'New Immunization' is open, showing a radio button selection for 'Administered' (selected) and 'Historical'. A 'Next' button is at the bottom right of the modal.

Record a Vaccination | Administered

Administered Flow:

1 – New Immunization

2 – Vaccination Event

3 – Vaccine

4 – Pre-Screening

5 – Consent & Dose Info

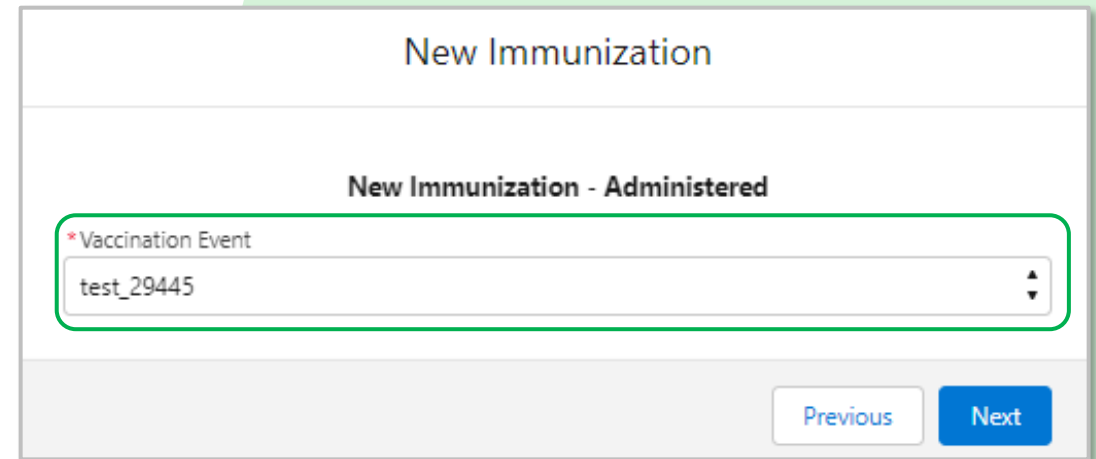
6 – Client Imms. Record

Step 2

Verify the **Vaccination Event** associated with the client.

Differences from current state:

- Selection of the **Vaccination Event** occurs after selecting the 'Administered' record type instead of during the check-in process.



The screenshot shows a web form titled "New Immunization". Below the title, there is a sub-section titled "New Immunization - Administered". A dropdown menu labeled "*Vaccination Event" is highlighted with a green border and contains the text "test_29445". At the bottom right of the form, there are two buttons: "Previous" and "Next".

Record a Vaccination | Administered

Administered Flow:

1 – New Immunization

2 – Vaccination Event

3 – Vaccine

4 – Pre-Screening

5 – Consent & Dose Info

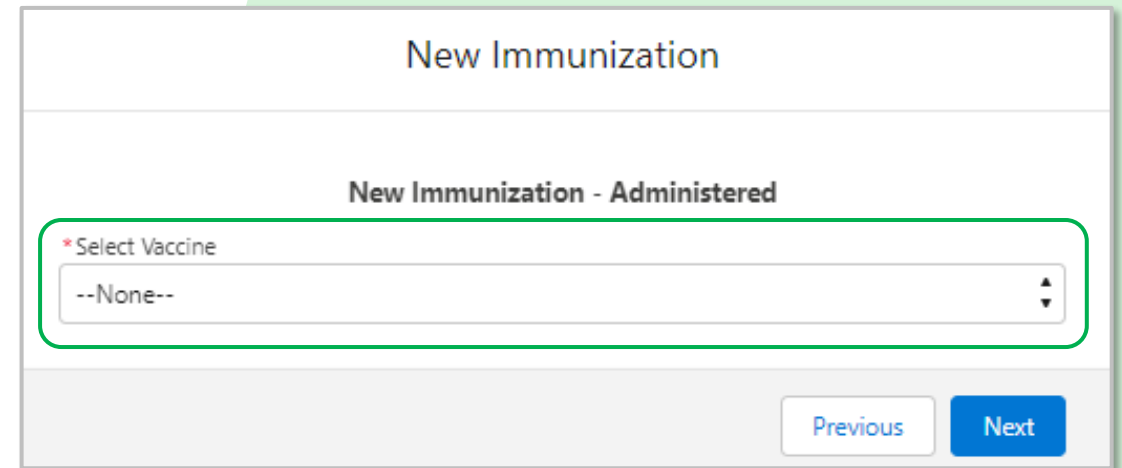
6 – Client Imms. Record

Step 3

Select the **Vaccine** from the drop-down menu.

Differences from current state:

- Previous dose administration details (Previous Dose Administered, Vaccine Administered, Anatomical Site, and Days Since Previous Dose) no longer appear at the top of the screen when selecting a vaccine.



The screenshot shows a web form titled "New Immunization". Below the title is a section labeled "New Immunization - Administered". Inside this section is a dropdown menu with the label "*Select Vaccine" and the text "--None--". The dropdown menu is highlighted with a green border. At the bottom right of the form, there are two buttons: "Previous" and "Next".

Record a Vaccination | Administered

Administered Flow:

1 – New Immunization

2 – Vaccination Event

3 – Vaccine

4 – Pre-Screening

5 – Consent & Dose Info

6 – Client Imms. Record

Step 4

Complete the **pre-screening assessment**.

Differences from current state:

- No changes

PFIZER-BIONTECH COVID-19 VACCINE mRNA (double) 4/8444test Pre-Screening Assessment

If the individual answers yes to any of the pre-screening questions, document details in the comments box below.

Have you been diagnosed with myocarditis or pericarditis following an mRNA COVID-19 vaccine?

The next dose in the mRNA COVID-19 vaccination series (Pfizer-BioNTech COVID-19 vaccine or Moderna COVID-19 vaccine) should be deferred in clients who experienced myocarditis or pericarditis following a previous dose of an mRNA COVID-19 vaccine.

Have you ever had myocarditis or pericarditis before?

If yes, individual should consult their clinical team for individual considerations and recommendations. If the diagnosis is remote and they are no longer followed clinically for cardiac issues, they should receive the vaccine.

Do you have today, or have you recently had new/unexplained shortness of breath or chest pain?

If yes, individual should consult with a health care provider prior to vaccination and/or if symptoms are severe, individual should be directed to the emergency department or instructed to call 911.

Have you been sick in the past few days? Do you have symptoms of COVID-19 or have a fever today?

Have you had a serious allergic reaction or a reaction within 4 hours to the COVID-19 vaccine before?

Do you have allergies to polyethylene glycol, tromethamine or polysorbate?

Have you had a serious allergic reaction to a vaccine or medication given by injection (e.g., IV, IM), needing medical care?

Do you have a weakened immune system or are you taking any medications that can weaken your immune system (e.g., high dose steroids, chemotherapy)?

If yes, are you receiving stem cell therapy, CAR-T therapy, chemotherapy, immune checkpoint inhibitors, monoclonal antibodies or other treatment agents?

[Previous](#) [Next](#)

Record a Vaccination | Administered

Administered Flow:

1 – New Immunization

2 – Vaccination Event

3 – Vaccine

4 – Pre-Screening

5 – Consent & Dose Info

6 – Client Imms. Record

Step 5

Record **consent** and **dose information**.

Differences from current state:

- The **Reason For Immunization** and **Institution** fields have been added to the Dose Information screen.

Dose Information

The Vaccine Information Sheet has been reviewed and client consents to receiving the vaccine and all recommended doses in the series.
 I am consenting on the client's behalf and I confirm that I am the client's substitute decision maker (e.g., parent, legal guardian).

Vaccine: PFIZER-BIONTECH COVID-19 VACCINE mRNA 0.3 ml - EW0221, 2027-09-01

* Diluent Event Inventory
PFIZER Diluent 0.9% Sodium Chloride 0.2 ml - 26110DK, 2023-02-01

* Route
Intramuscular / intramusculaire

* Dosage Administered
0.3

* Dosage Unit of Measure
ml

* Anatomical Site
Please Select

* Date and Time
Feb 16, 2022 3:04 PM

Country Vaccine Administered: Canada
Vaccination Event: VE Mila Test A03

* Vaccine Administered By
Search Providers...

* Reason For Immunization
Child and Youth Eligible Population

Institution
881066 - Smithville District Christian High School - Smithville

Previous Next

Record a Vaccination | Administered

Administered Flow:

1 – New Immunization

2 – Vaccination Event

3 – Vaccine

4 – Pre-Screening

5 – Consent & Dose Info

6 – Client Imms. Record

Step 6

Finish and review the **client immunization record**.

Differences from current state:

- Details of the dose can be found on the **client immunization record**.
- The following tabs have been added to capture dose information:
 - **Basic Details**
 - **Consent & Assessment**
 - **Vaccine & Product Details**
 - **Files**
 - **History**

The screenshot shows a web application interface for recording a vaccination. At the top, there's a header for 'Client Immunization DA-20448778' with 'Generate Receipt' and 'Edit' buttons. Below this is a summary table with columns: Client (test_kk_29481), Record Type (Administered), Days Since Immunization (73), and Status (Entered in Error). A section titled 'Vaccine Product Information' lists: Product (PFIZER-BIONTECH COVID-19 VACCINE mRNA), Product Lot (PFIZER-BIONTECH COVID-19 VACCINE mRNA - 23232, 2021/09/18), Agent (COVID-19 mRNA), Diluent Product, and Diluent Product Lot. A tabbed interface below shows 'Basic Details' selected, with other tabs for 'Consent & Assessment', 'Vaccine & Product Details', 'Files', and 'History'. The 'Basic Details' section is expanded to show a grid of fields: Client (test_kk_29481), Dose Administration (DA-20448778), Sub-Type (Point of Service), Days Since Immunization (73), Country Vaccine Administered (Canada), Vaccination Event (test_29445), Reason for Immunization (Long Term Care: Resident), Immediate AEFI (checkbox), Source (Health Care Provider), and Authorized Organization (Toronto Hospital). A 'Dose Validation' section is partially visible at the bottom.

Record a Vaccination: *Historical*



Record a Vaccination | Historical

Historical Flow:

1 – New Immunization

2 – Agent, Product, Lot Number

3 – Product

4 – Dose Info.

5 – Client Imms. Record

Step 1

From the client record, click **New Immunization**, then select **Historical**.

Differences from current state:

- The Document Historical Dose menu option has been replaced with the **New Immunization** button.
- After clicking the **New Immunization** button, users can select **Historical**.

The screenshot displays a client record for 'Mr. test_kk_29481'. At the top, there are buttons for 'New Immunization', 'Review Dose Administered', and 'Generate Unique Key'. Below this, the client's age is shown as '0 Years 2 Month(s)' and 'Total Doses' as '0'. There is an 'Alerts (0)' section with a 'New' button. A message states 'We found no potential duplicates of this Client.' Below that is a 'Clinical Notes (0)' section. The main area is a 'Details' table with fields for Client Name, ID, Alias, Duplicate Key, Health Card Number / COVID ID, RPDB Number, Birthdate, Alternative ID, Estimated DoB, Other Alternative ID, Gender, Alternative ID #, and Event ID. A modal dialog titled 'New Immunization' is open, showing a radio button selection for 'Administered' and 'Historical', with 'Historical' selected. A 'Next' button is at the bottom right of the modal.

Record a Vaccination | Historical

Historical Flow:

1 – New Immunization

2 – Agent, Product, Lot Number

3 – Product

4 – Dose Info.

5 – Client Imms. Record

Step 2

Search for **product**.

Differences from current state:

- New Vaccine Product Search Screen.
- Search by **Agent**, **Product**, or **Product Lot Name**.

New Immunization

New Immunization - Historical

Search Vaccine Product

Agent
mRNA

Product

Product Lot Name

Previous Next

Record a Vaccination | Historical

Historical Flow:

1 – New Immunization

2 – Agent, Product, Lot Number

3 – Product

4 – Dose Info.

5 – Client Imms. Record

Step 3 Locate and select product.

Differences from current state:

- New Vaccine Product Search Results Screen.
- **Locate** and **select** product. If none of the displayed products match the criteria, move to the manual entry screen.

The screenshot displays the 'New Immunization' interface. The top section is titled 'New Immunization - Historical' and shows 'Vaccine Search Results' as a table with columns for Agent, Product, and Product Lot Name. Below this is a 'Manual Product Entry' form with fields for Product Name, Agent, Lot Number, and Expiry Date. Both sections include 'Previous' and 'Next' navigation buttons.

Agent	Product	Product Lot Name
<input type="radio"/> COVID-19 mRNA	MODERNA COVID-19 mRNA-789	MODERNA COVID-19 mRNA-789 - 6474766673, 2022/09/07
<input type="radio"/> COVID-19 mRNA	PFIZER-BIONTECH COVID-19 VACCINE mR...	PFIZER-BIONTECH COVID-19 VACCINE mRNA - E167499, 2021/09/23
<input type="radio"/> COVID-19 mRNA	PFIZER-BIONTECH COVID-19 VACCINE mR...	PFIZER-BIONTECH COVID-19 VACCINE mRNA - 123, 2021/08/31
<input type="radio"/> COVID-19 mRNA	PFIZER-BIONTECH COVID-19 VACCINE mR...	PFIZER-BIONTECH COVID-19 VACCINE mRNA - 78567867900, 2082/08/20
<input type="radio"/> COVID-19 mRNA	PFIZER-BIONTECH COVID-19 VACCINE mR...	PFIZER-BIONTECH COVID-19 VACCINE mRNA - 23232, 2021/09/18
<input type="radio"/> COVID-19 mRNA	PFIZER-BIONTECH COVID-19 VACCINE mR...	PFIZER-BIONTECH COVID-19 VACCINE mRNA - 6899, 2021/09/11
<input type="radio"/> COVID-19 mRNA	PFIZER-BIONTECH COVID-19 VACCINE mR...	PFIZER-BIONTECH COVID-19 VACCINE mRNA - 654321234567, 2084/08/11
<input type="radio"/> COVID-19 mRNA	PFIZER-BIONTECH COVID-19 VACCINE mR...	PFIZER-BIONTECH COVID-19 VACCINE mRNA - 12345678, 2021/09/30
<input type="radio"/> COVID-19 mRNA	PFIZER-BIONTECH COVID-19 VACCINE mR...	PFIZER-BIONTECH COVID-19 VACCINE mRNA - 3456789012, 2021/10/09
<input type="radio"/> COVID-19 mRNA	PFIZER-BIONTECH COVID-19 VACCINE mR...	PFIZER-BIONTECH COVID-19 VACCINE mRNA - 001820, 2021/10/07
<input type="radio"/> COVID-19 mRNA	PFIZER-BIONTECH COVID-19 VACCINE mR...	PFIZER-BIONTECH COVID-19 VACCINE mRNA - FT4572, 2021/10/15
<input type="radio"/> COVID-19 mRNA	PFIZER-BIONTECH COVID-19 VACCINE mR...	PFIZER-BIONTECH COVID-19 VACCINE mRNA - 1111, 2022/03/05
<input type="radio"/> COVID-19 mRNA	PFIZER-BIONTECH COVID-19 VACCINE mR...	PFIZER-BIONTECH COVID-19 VACCINE mRNA - 0000, 2022/01/08

Manual Product Entry

Product Name:

*Agent:

Lot Number:

Expiry Date:

Previous Next

Record a Vaccination | Historical

Historical Flow:

1 – New Immunization

2 – Agent, Product, Lot Number

3 – Product

4 – Dose Info.

5 – Client Imms. Record

Step 4

Record **dose information**.

Differences from current state:

- **Source** and **Sub-Type** fields have been added to the Historical Dose Information screen.

New Immunization

New Immunization - Historical

Vaccination info. has been validated.

Product : Aniket - PFIZER BIONTECH COVID-19-2

* Source
Please select

* Sub-Type
Please select

Route
Intramuscular / intramusculaire

Dosage Administered
None

Previous Next

Record a Vaccination | Historical

Historical Flow:

1 – New Immunization

2 – Agent, Product, Lot Number

3 – Product

4 – Dose Info.

5 – Client Imms. Record

Step 5

Finish and review the **client immunization record**.

Differences from current state:

- Details of the dose can be found on the **client immunization record**.
- The following tabs have been added to capture dose information:
 - **Basic Details**
 - **Consent & Assessment**
 - **Vaccine & Product Details**
 - **Files**
 - **History**

The screenshot displays the 'Client Immunization' record for DA-20448778. At the top right, there are buttons for 'Generate Receipt' and 'Edit'. Below the header, a table shows the following information:

Client	Record Type	Days Since Immunization	Status
test_kk_29481	Administered	73	Entered in Error

Below the table, the 'Vaccine Product Information' section lists:

- Product : PFIZER-BIONTECH COVID-19 VACCINE mRNA
- Product Lot : PFIZER-BIONTECH COVID-19 VACCINE mRNA - 23232, 2021/09/18
- Agent : COVID-19 mRNA
- Diluent Product :
- Diluent Product Lot :

The interface features a tabbed navigation system with the following tabs: 'Basic Details', 'Consent & Assessment', 'Vaccine & Product Details', 'Files', and 'History'. The 'Basic Details' tab is currently selected and expanded, showing the following fields:

Client	test_kk_29481	Vaccination Event	test_29445
Dose Administration	DA-20448778	Reason for Immunization	Long Term Care: Resident
Sub-Type	Point of Service	Immediate AEFI	<input type="checkbox"/>
Days Since Immunization	73	Source	Health Care Provider
Country Vaccine Administered	Canada	Authorized Organization	Toronto Hospital

At the bottom of the expanded tab, there is a section for 'Dose Validation' which is currently collapsed.

Screen Changes



Screen Changes | Client Record

- 1 A **New Immunization** button has been added, replacing flow-related buttons (Check-in, Check out, and Document Historical Dose buttons have been removed). Users can use the **New Immunization** button from either the Client or VE page to record a dose.
- 2 **Total Doses** is the only count displayed (no more other doses).
- 3 **Review Dose Administered** and **Generate Unique Key** are now buttons (not menu options). The functionality is unchanged.
- 4 All vaccinations will be recorded under the new **Client Immunizations** tab, replacing the previous **Dose Administration** section.

Current

The screenshot shows the current interface for a client record. At the top, there are buttons for 'Launch Simplified Flow', 'Check-in', and 'Administer Dose'. A dropdown menu is open, showing options: 'Check Out', 'Document Historical Dose', 'Review Dose Administered', 'Generate Unique Key', 'edit', 'Sharing', 'Change Owner', and 'Provincial Registry Remediation'. A 'Total Valid Dose' of 4 and 'Total Other Doses' of 2 are displayed. The 'Alerts (0)' section is empty. The 'Related' section shows client details for 'Bob Ross TEST client'. The 'Dose Administration (3+)' section lists three doses with details like 'Time Given', 'Status', and 'Record Type'. A 'Clinical Notes (0)' section is also visible.

Future

The screenshot shows the future interface for a client record. At the top, there are three buttons: 'New Immunization', 'Review Dose Administered', and 'Generate Unique Key'. A 'Total Doses' of 0 is displayed. The 'Alerts (0)' section has a 'New' button. The 'Related' section shows client details for 'Mr. test_kk_29481' and a new 'Client Immunizations' tab. The 'Dose Administration' section is replaced by a large empty area. A 'Clinical Notes (0)' section is also visible.

Screen Changes | Client Immunizations (List)

- 1 The list of DA records section has moved from the right-hand side to the **Client Immunizations** tab.
- 2 The following columns have been added to the Client Immunizations list view:
 - Sub-type
 - Agent
 - Vaccine Product
 - Days Since Immunization
- 3 The list is sortable by any column.
- 4 The list can be expanded to view all immunizations for the client.

Current | Client Record | Dose Administration (List)

The screenshot shows the 'Current' interface for a client record. The top section displays client information: Bob Ross TEST client, Age 67 Years 8 Month(s), Service Status Checked Out, Total Valid Dose 4, and Total Other Doses 2. Below this is an 'Alerts (0)' section. The main area is split into 'Related' and 'Details' tabs. The 'Details' tab shows fields like Client Name, Alias, Verified Chosen Name, Health Card Number / COVID ID, Generate COVID ID, Birthdate, Estimated DoB, Gender, Send Booking Invitation Email, Personal Invitation Code, Event ID, Active SES, ID, Duplicate Key, RPDB Number, Alternative ID, Other Alternative ID - Please specify, Alternative ID #, Public Health Unit (PHU) (Toronto Public Health), Inactive, Inactive Reason, Date of Death, Indigenous, and Other Indigenous specify. On the right side, there is a 'Dose Administration (3-)' list with three entries, each showing Time Given, Status, and Record Type. A 'View All' button is at the bottom of this list. A 'Clinical Notes (0)' section is also visible at the bottom right.

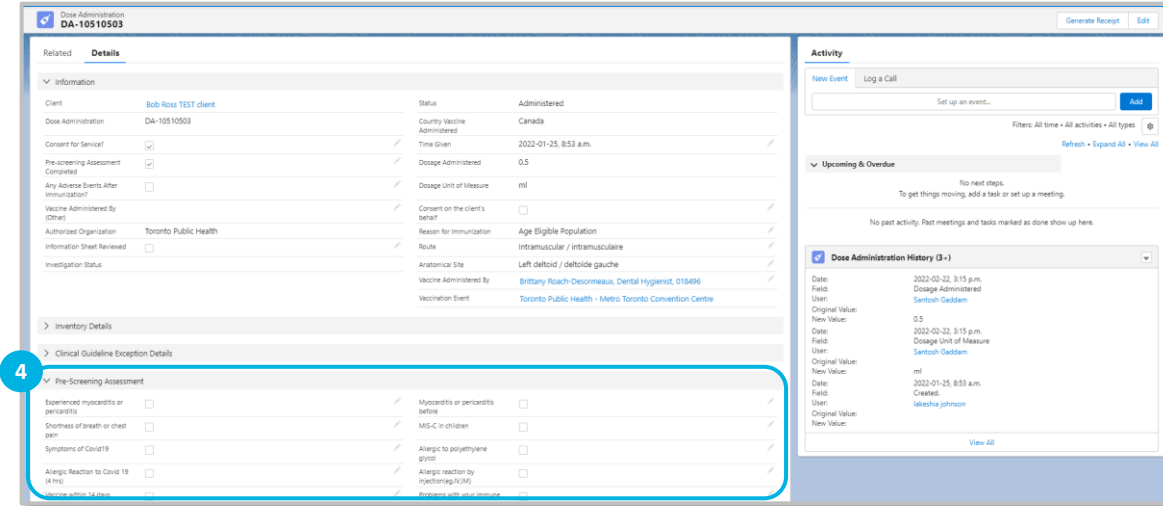
Future | Client Record | Client Immunizations (List)

The screenshot shows the 'Future' interface for a client record. The top section displays client information: Bob Ross TEST client, Age 73 Years 6 Month(s), and Total Doses 1. Below this is an 'Alerts (1)' section with one alert: 'Eligible for Shortened Interval' (Shortened 2nd Dose Interval, Cancelled, 2022-03-04). The main area is split into 'Related' and 'Details' tabs. The 'Details' tab shows fields like Client Name, Alias, Verified Chosen Name, Health Card Number / COVID ID, Generate COVID ID, Birthdate, Estimated DoB, Gender, Send Booking Invitation Email, Personal Invitation Code, Event ID, Active SES, ID, Duplicate Key, RPDB Number, Alternative ID, Other Alternative ID - Please specify, Alternative ID #, Public Health Unit (PHU) (Toronto Public Health), Inactive, Inactive Reason, Date of Death, Indigenous, and Other Indigenous specify. On the left side, there is a 'Client Immunizations (3)' list with three entries, each showing Dose Administration, Record Type, Sub-Type, Agent, Vaccine Product, Vaccination Date, Days Since Immunization, and Status. A 'View All' button is at the bottom of this list. A 'Clinical Notes (0)' section is also visible at the bottom right.

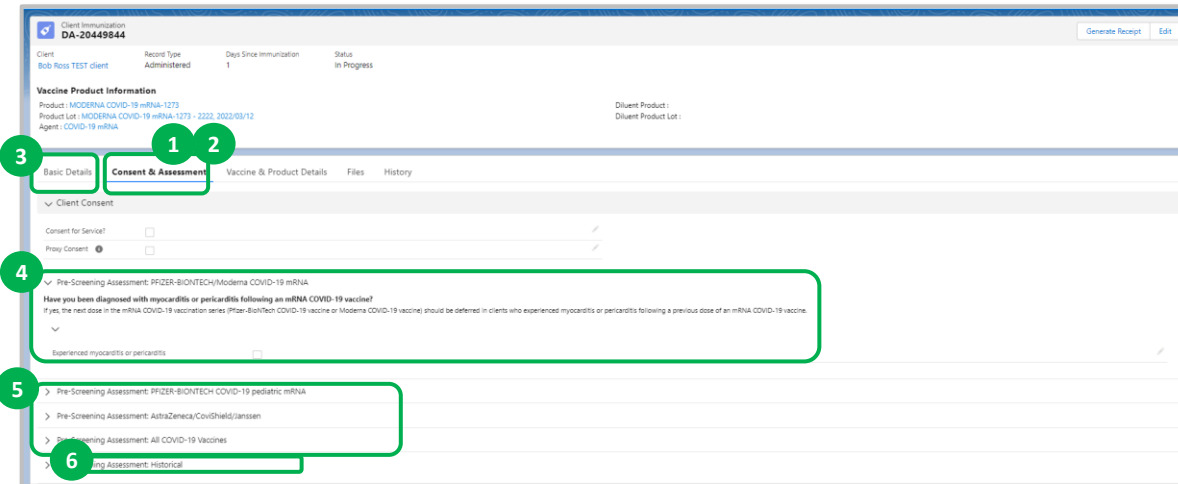
Screen Changes | Consent & Assessment

- 1 The Consent & Assessment tab is not displayed for Historical records.
- 2 **Consent for Data Collection** is not required to be captured for each immunization.
- 3 If **Proxy Consent** is provided, proxy information needs to be documented directly on the Basic Details tab.
- 4 **Pre-Screening Assessment** questions are grouped into sections to optimize user experience (scrolling, extra clicks).
- 5 **Pre-Screening Assessment** questions are also grouped by specific product, and common questions are available under the All Covid-19 Vaccines Section.
- 6 **Pre-Screening Assessment: Historical** retains data from previous pre-assessment questions based on NACI guidelines which are no longer applicable.

Current | DA Record | Details (Consent & Assessment)



Future | Client Immunization Record | Consent & Assessment



Screen Changes | Basic Details

- 1 Dose Administration Record has been re-named to Client Immunization Record.
- 2 New labels have been added to the top of the immunization record.
- 3 Each immunization record is created with **Status** of 'In Progress'. Once all required fields are populated, the Status is updated to 'Administered'.
- 4 **Vaccine Product** Information is displayed and static on all tabs. Values are based on the product previously selected in the flow.
- 5 The **Sub-Type** is defaulted to 'Point of Service' for Record Type = 'Administered'. User must select a sub-type for Record Type = 'Historical'.
- 6 The **Source** is defaulted to 'Health Care Provider'. This is important for future integration activities.

Current | DA Record | Details

Future | Client Immunization Record | Basic Details

Screen Changes | Vaccine & Product Details

- 1 Inventory details will be displayed in the **Vaccine & Product Details** tab. There are no changes from current state.

Current | DA Record | Details (Information & Inventory Details)

The screenshot shows the 'Current' DA Record interface for record DA-10510503. It features a 'Details' tab with two main sections: 'Information' and 'Inventory Details'. The 'Information' section includes fields for Client (Bob Ross TEST client), Dose Administration (DA-10510503), Consent for Service?, Pre-screening Assessment Completed, Any Adverse Events After Immunization?, Vaccine Administered By (Other), Authorized Organization (Toronto Public Health), Information Sheet Reviewed, and Investigation Status. The 'Inventory Details' section includes Vaccine (MODERNA COVID-19 mRNA-1273 0.5 ml - 124124, 2021-09-01), Site Location-Vaccine, Org Vaccine Inventory, Vaccine Product (MODERNA COVID-19 mRNA-1273), Vaccine Adjusted Expiration Date, Diluent Event Inventory, Site Location-Diluent, Diluent Inventory, Diluent Product, and Diluent Adjusted Expiration Date. A blue circle with the number '1' highlights the 'Inventory Details' section. The right-hand side of the interface shows an 'Activity' section with 'New Event' and 'Log a Call' buttons, and a 'Dose Administration History (3-)' section listing previous doses.

Future | Client Immunization Record | Vaccine & Product Details

The screenshot shows the 'Future' Client Immunization Record interface for record DA-20449853. It features a 'Vaccine & Product Details' tab. The 'Vaccine Product Information' section includes Product (PFIZER-BIONTECH COVID-19 VACCINE mRNA), Diluent Product (PFIZER Diluent 0.9% Sodium Chloride), Product Lot (PFIZER-BIONTECH COVID-19 VACCINE mRNA - 23232, 2021/09/18), Diluent Product Lot (PFIZER Diluent 0.9% Sodium Chloride - 7777, 2022/03/05), Agent (COVID-19 mRNA), and Diluent Agent (COVID-19 mRNA). The 'Dose Details' section includes Route (Intramuscular / intramusculaire), Anatomical Site (Left deltoid / deltoïde gauche), Vaccination Date (2022-03-09, 3:03 p.m.), Administered By (Poppy Pomfrey, Nurse Practitioner, 23456), Dosage (0.3), and Dosage Unit of Measure (ml). The 'Inventory Details' section includes Vaccine Event Inventory (PFIZER-BIONTECH COVID-19 VACCINE mRNA 0.3 ml - 23232, 2021-09-18), Site Location-Vaccine, Org Vaccine Inventory (PFIZER-BIONTECH COVID-19 VACCINE mRNA 0.3 ml - 23232, 2021-09-18), Diluent Event Inventory (PFIZER Diluent 0.9% Sodium Chloride 0.5 ml - 7777, 2022-03-05), Site Location-Diluent, and Org Diluent Inventory (PFIZER Diluent 0.9% Sodium Chloride 0.5 ml - 7777, 2022-03-05). A blue circle with the number '1' highlights the 'Vaccine & Product Details' tab.

Screen Changes | Files

1 In the current state, **Files** are located under the Related tab of the client record.

In the future state, **Files** associated with a specific dose administration are displayed in the **Files** tab. There are no other changes from current state.

Current | Client Record | Related (Files)

The screenshot shows the 'Person Account' for 'Bob Ross TEST client'. The 'Related' tab is active, displaying a table of 'Sociodemographic Data' and a 'Files (5)' section. A blue box highlights the 'Files (5)' section, which contains five PDF files. A '1' in a blue circle is placed over the 'Files (5)' header.

Sociodemographic Data	Last Modified Date	Status
SES-000152888	2021-10-14, 8:36 a.m.	Active

Files (5)

- Dose_Admin_Bob_Ross_1638461831363.pdf
- Dose_Admin_Bob_Ross_1638458375971.pdf
- Dose_Admin_Bob_Ross_1638458366067.pdf
- Dose_Admin_Bob_Ross_1638458029713.pdf
- Dose_Admin_Bob_Ross_1638457440821.pdf

Future | Client Immunization Record | Files

The screenshot shows the 'Client Immunization' record for 'DA-20449844'. The 'Files' tab is highlighted with a green box and a '1' in a green circle. The 'Files (0)' section is currently empty, with an 'Upload Files' button and a 'drop files' area.

Client Immunization DA-20449844

Client: Bob Ross TEST client | Record Type: Administered | Days Since Immunization: 1 | Status: In Progress

Vaccine Product Information

Product: MODERNA COVID-19 mRNA-1273 | Diluent Product: |
Product Lot: MODERNA COVID-19 mRNA-1273 - 2222, 2022/03/12 | Diluent Product Lot: |
Agent: COVID-19 mRNA

Basic Details | Consent & Assessment | Vaccine & Product | **Files** | History

Files (0)

Upload Files

Or drop files

System Details

Created By: LaKeshia Johnson, 2022-03-08, 10:17 a.m. | Last Modified By: LaKeshia Johnson, 2022-03-08, 10:17 a.m.

Screen Changes | History

1 In the current state, Dose Administration **History** is viewable from the section on the right-hand side of the DA record, as well as from the Related tab.

In the future state, **History** associated with a specific dose administration will be displayed in the **History** tab of the Client Immunization record.

There are no other changes to the history data elements from current state. History related to Client record changes are still available from the Related tab on the Client record.

Current | DA Record | Related (Dose Administration History)

1

Date	Field	User	Original Value	New Value
2022-02-22, 3:15 p.m.	Dosage Administered	Santosh Gaddam		0.5
2022-02-22, 3:15 p.m.	Dosage Unit of Measure	Santosh Gaddam		ml
2022-01-25, 8:53 a.m.	Created	lakeshia johnson		
2022-01-25, 8:53 a.m.	Dose Administration	lakeshia johnson		DA-10510503

Future | Client Immunization Record | History

1

Date	Field	User	Original Value	New Value
2022-03-08, 10:17 a.m.	Created	LaKeshia Johnson		
2022-03-08, 10:17 a.m.	Dose Administration	LaKeshia Johnson		DA-20449844

Screen Changes | Historical Dose

- 1 Record type set to **Historical** based on the previous selection in the flow.
- 2 The **Agent** field will only be populated under Vaccine Product Information if the product was manually entered.
- 3 **Sub-Type** field is pre-populated from guided flow (OOP, NOS, or Other).
- 4 **Source** field is pre-populated from guided flow (Health Care Provider or Client).
- 5 **Vaccination Info. Has been validated** and **Proof of vaccination uploaded** checkboxes are pre-populated from guided flow.
- 6 Relevant documents can be uploaded under the **Files** tab.

Current

1 Record Type: Out Of Province

Information	Status
Client: Bob Ross TEST client	Administered
Dose Administration: DA-10509726	Country Vaccine Administered: United States
Vaccine Administered By (Other): Big Bird	Time Given: 2021-12-01, 10:13 a.m.
Authorized Organization: Out Of Province	Dosage Administered: /
Outside of Clinical Guidelines: <input type="checkbox"/>	Dosage Unit of Measure: /
Reason for Exception: /	Route: Intramuscular / intramusculaire
Inventory Details: /	Anatomical Site: Left deltoid / deltoïde gauche
Dose Validation: /	Vaccination Event: Out Of Province

5 Vaccination info. has been validated: Proof of vaccination uploaded:

Future

1 Record Type: Historical

2 Agent: COVID-19 mRNA

3 Sub-Type: Out of Province

4 Source: Health Care Provider

5 Vaccination info. has been validated: Proof of vaccination uploaded:

6 Files

Screen Changes | Create Vaccination Event

1 In the current state, the Inventory Tracked field does not exist.

In future state, a new field has been added to the New Vaccination Event screen called **Inventory Tracked**.

If an inventory manager intends for the inventory to be tracked, then the **Inventory Tracked** checkbox should be selected.

2 If an AO does not want to track the inventory, ensure the **Inventory Tracked** checkbox is un-checked.

If the **Inventory Tracked** checkbox is un-checked, a section will appear to input the Vaccine Event Product Lot Information.

Current

The 'Current' screenshot shows the 'New Vaccination Event' form. The 'Status' dropdown is set to 'New'. The 'Vaccination Event Type' dropdown is set to '--None--'. There is no 'Inventory Tracked' checkbox visible in this version of the form.

Future

The 'Future' screenshot shows the 'New Vaccination Event' form with an additional 'Inventory Tracked' checkbox at the bottom left, highlighted with a green circle and the number '1'. Below this checkbox, a 'Location' section is visible, which is currently collapsed.

The 'New Vaccine Event Product Lot' form is shown with a green circle and the number '2' highlighting the title bar. The 'Product Lot Name' field contains 'MODERNA COVID-19 mRNA-1273'. The 'Vaccination Event' field contains 'Marwa_test_VE'. The 'Status' dropdown is set to 'Active'. Buttons for 'Cancel', 'Save & New', and 'Save' are visible at the bottom.