

Alberta Electronic Immunization/Adverse Reaction to Immunization (Imm/ARI)

Kroll User Guide

November 2025

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Alberta Electronic Immunization/Adverse Reaction to Immunization (Imm/ARI)

Introduction

Immunization is one of the most important and cost-effective public health innovations. In Canada, immunizations have saved more lives than any other health intervention and have contributed to the reduction in morbidity and mortality from a broad range of vaccine-preventable diseases in adults, children, and other vulnerable populations. Access to information on vaccinations is an important element in patient care. To address this, Alberta Health has created an immunization data repository known as Imm/ARI, which is short for Immunization/ARI (Adverse Reaction to Immunization).

A number of years ago, a piece of legislation entitled Immunization Regulation was passed that require all Alberta Health Care Providers (HCPs) who administer vaccinations to electronically contribute data to Imm/ARI. For further information click this hyperlink https://open.alberta.ca/publications/2018_182. Alberta Health has created a portal that enables practitioners to electronically submit data. This is a standalone tool and is not integrated with the Kroll system. In addition, publicly funded vaccinations (e.g. Influenza and COVID-19) had their information sent to Imm/ARI via a feed from the Alberta Blue Cross adjudication engine. This functionality will be discontinued in the very near future and all vaccinations will need to be entered via the portal.

To improve efficiency and reduce the risk of data transcription errors, the Kroll Team at TELUS Health has developed an interface that will enable customers to electronically send vaccination information to the Imm/ARI repository directly from their Kroll systems.

This user guide provides customers insight into the elements of Kroll related to the Imm/ARI integration and how to utilize them.

Enable Alberta Imm/ARI

Prerequisite: The Imm/ARI module requires Real Time Integration (**RTI**) with the Alberta Pharmacy Information Network (**PIN**).

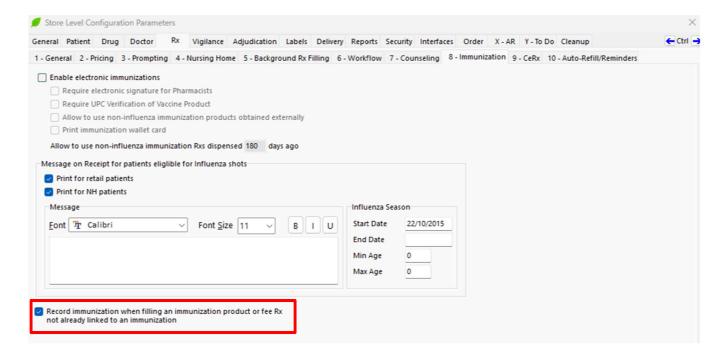
Before proceeding:

- Verify that PIN RTI is enabled and configured in your Kroll system.
- Note: Disabling PIN RTI will prevent vaccination data submission to both PIN and Imm/ARI

The Imm/ARI module was activated in your system through either an update that was ran the night before or the morning of the activation.

Required Store configuration option

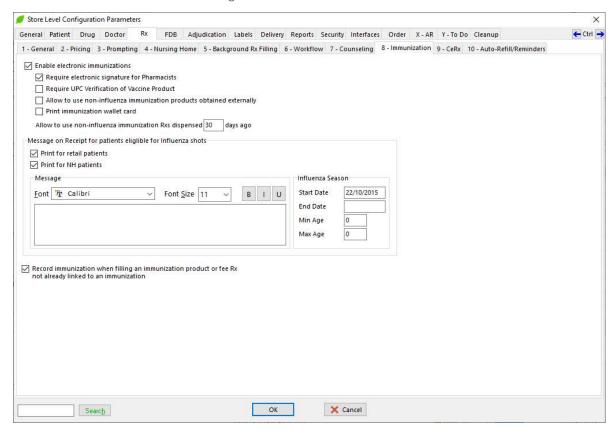
File > Configuration > Store > Rx > 8 - Immunization



The option labelled Record immunization when filling an immunization product or fee Rx not already linked to an immunization was turned on (checked as noted in the screenshot above) by an update that was ran when your Kroll System was activated on Imm/ARI. This store configuration option MUST remain checked at all times.

Store configuration option to enable Electronic Immunizations

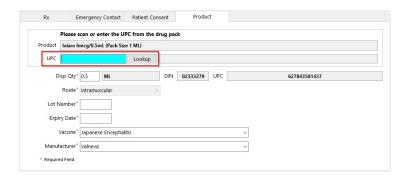
If you wish to use the Kroll Immunization Module-Electronic Mode, please follow the following steps:

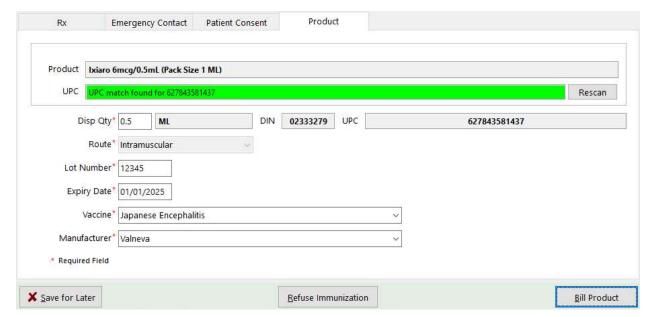


File > Configuration > Store > Rx > 8 - Immunization

- Enable electronic immunizations: Switches the immunization module from *Paper mode* to *Electronic mode*. When enabled, all documentation related to immunization (except for the patient consent form) occurs on—screen rather than needing to print and scan the information back into Kroll.
- Require electronic signature for Pharmacists: When this option is enabled, pharmacists must provide an electronic signature when finalizing immunizations. A compatible digital signature tablet or virtual signature pad is required.

• Require UPC Verification of Vaccine Product: When enabled, users must scan or enter the vaccine's UPC barcode suring immunization entry. The UPC must be pre-configured in the product's drug card for verification to succeed.





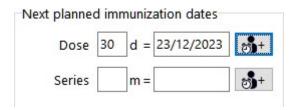
Allow to use non-influenza immunization products obtained externally: Enables pharmacist to administer and
document non-influenza vaccines that were not dispensed by their pharmacy. The immunization is still submitted to
Imm/ARI.

Example scenarios:

• The patient brings in a vaccine dispensed by another pharmacy.



· The vaccine necessitates more than one dose and the patient must wait before the subsequent injection can occur.



• **Print immunization wallet card:** Prompts user to print a wallet card-sized immunization card when finalizing an immunization, with options to customize which immunization types appear on the card.



• Allow to use non-influenza immunization Rxs dispensed _ days ago: Sets the time window (in days) for linking a previously dispenses immunization prescription to a new immunization record. This allows pharmacist to document administration of vaccines dispensed up to [X] day prior.

Example: If set to 30 days, a vaccine dispensed 25 days ago can still be linked when documenting the immunization administration.

Record immunization when filling an immunization product or fee Rx not already linked to an immunization:

Automatically prompts users to create an immunization record when dispensing a vaccine product or immunizationrelated fee prescription outside the immunization module.

Workflow:

User dispenses an immunization product via standard prescription filling (not through immunization module)

After finalizing the prescription, the Immunization Data Entry window appears

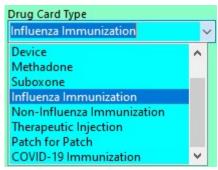
User can either:

- Create a new immunization record
- Link to an existing immunization record (for multi-dose vaccines)
- Skip (if administration will occur later)

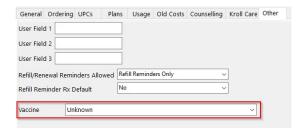
Setting up Drug Cards

For immunization products, two key fields control vaccine identification and reporting to Imm/ARI:

- 1. Drug Card Type (pre-existing field)
- Influenza Immunization
- Non-Influenza Immunization
- COVID-19 Immunization



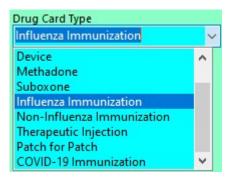
- 2. Vaccine (new field when Imm/ARI module is enabled)
- Located under the Other tab on the Drug Card
- Default value: Unknown
- Maps to specific vaccine codes sent to Imm/ARI



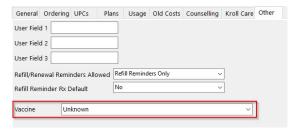
When the Imm/ARI module is enabled, a new **Vaccine** field appears on the Drug Card under the Other tab. This field maps immunization products to specific vaccine codes required for Imm/ARI reporting.

Field Locations

- Drug Card Type: Pre-existing field that categorizes products as:
 - Influenza Immunization
 - Non-Influenza Immunization
 - COVID-19 Immunization



- Vaccine: New field (Other tab on Drug Card)
 - Default: Unknown
 - Purpose: Specifies the exact vaccine code sent to Imm/ARI



Initial Configuration

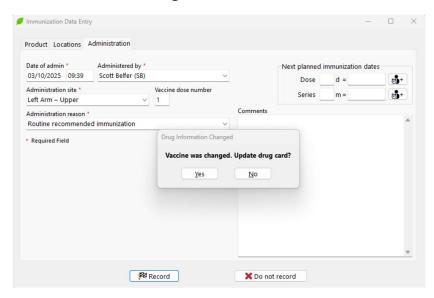
The Vaccine field may be pre-populated through:

- Automatic TELUS Health updates for common vaccines
- Manual selection by pharmacy staff

If the field remains "Unknown," users must select the vaccine type when documenting immunizations.

Workflow: Setting the Vaccine Type

First-Time Selection (Drug Card = "Unknown")



- 1. Open Immunization Data Entry for a patient
- 2. Select the appropriate vaccine in the Vaccine field (Product tab)
- Click Record
- 4. System prompts: "Do you want to update the Vaccine field on the Drug Card?"
 - Yes: Saves selection to Drug Card; auto-populates future immunizations
 - No: Applies only to current record; prompt repeats next time

Changing an Existing Vaccine Type

- 1. Immunization Data Entry auto-populates the Vaccine field from the Drug Card
- 2. User modifies the vaccine type (if needed)
- 3. Click Record
- 4. System prompts: "The vaccine type has changed. Update the Drug Card?"
 - Yes: Updates Drug Card with new value

• No: Retains original Drug Card value; change applies only to current record

Fee for Service Drug Card

Administration Fees for Non-Publicly Funded Vaccines

Selecting an Administration Fee

When billing for a non-publicly funded vaccine, use the Administration fee field on the Administration tab to select the appropriate fee-for-service drug card.

Pre-loaded Fee Drug Cards:

The system includes standard administration fee drug cards:

PDIN 00071111: Patient Assessment Without APA

PDIN 00081111: Patient Assessment With APA

Note: PDIN = Pseudo Drug Identification Number

Vaccine-Specific Fee Drug Cards:

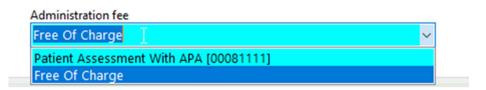
Some immunizations have designated fee drug cards, such as:

- DTaP Immunization Fee
- Prevnar 20 Immunization Fee

Consult your pharmacy's fee schedule or the Alberta Blue Cross resources for the complete list.

Free of Charge Option

To waive the administration fee (e.g., for promotional clinics or patient assistance programs), select "Free Of Charge" from the dropdown. This bypasses the fee billing process entirely.



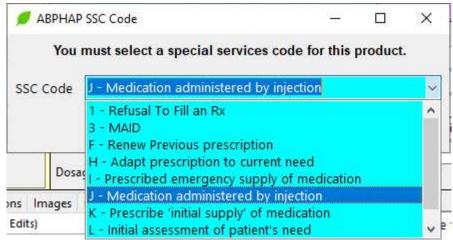
Special Services Codes (SSC)

When submitting claims to the Alberta Public Health Activities Program (ABPHAP), the system may prompt you to enter a Special Services Code (SSC) corresponding to the clinical service provided.

When SSC is required:

Specific immunization types designated by ABPHAP

Enhanced clinical services (e.g., extended patient counseling)



Where to find SSC information: Refer to the Alberta Blue Cross Pharmacy Resources page for current SSC requirements and fee schedules: https://www.ab.bluecross.ca/provider/type/pharmacy/resources.php

Processing Vaccines in Kroll when the Imm/ARI module is activated

Overview

Kroll provides three methods for processing immunizations. With the activation of the Imm/ARI module, all three methods remain available with enhancements to ensure complete data submission to Imm/ARI and PIN.

Available Processing Methods

- 1. Kroll Immunization Module (Electronic Mode) Direct electronic data entry and submission
- 2. **Kroll Immunization Module (Paper Mode)** Print– based workflow with subsequent electronic submission
- 3. F12 Fill Screen Standard prescription filling workflow adapted for immunizations

What Changed with Imm/ARI Activation

Automatic Network Submission

Previously, users were prompted to manually confirm network submission:

- X Before: "Send to the network?" prompt appeared
- X Before: "Record on network" checkbox required user selection

With Imm/ARI enabled:

- V Now: These prompts are disabled
- V Now: All immunizations automatically transmit to Imm/ARI and PIN

Enhanced Data Collection

Minor enhancements ensure all required fields are captured, documented, and transmitted to Imm/ARI.

Using the Kroll Immunization Module

Step 1: Select Immunization Type

When creating an immunization record on the patient card, select the immunization category:

- Influenza Seasonal flu vaccines
- Non-influenza All other vaccines (shingles, pneumonia, travel vaccines, etc.)
- COVID-19 COVID-19 vaccines and boosters

The system filters available products based on your selection.

Step 2: Choose Processing Mode

Mode	Action	Workflow
Electronic Mode	Click Perform Now	Opens Immunization Data Entry screen for immediate electronic processing
Paper Mode	Click Print Now	Prints immunization record; complete electronic submission later

Note: All patient examples in this guide use fictitious test data for demonstration purposes.

Filling a Non-Influenza Immunization (Electronic mode)

Scenario Overview

Scenario 1: Fill a New Prescription

• When to use: Standard workflow for dispensing and administering immunization products.

• **Default option** when processing non-influenza immunizations

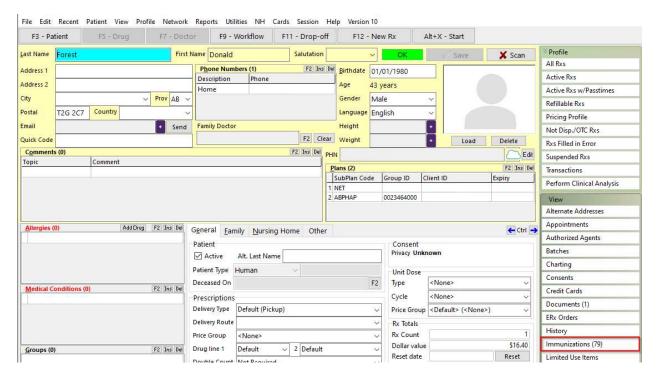
Scenario 2: Use a Product Obtained Externally

- When to use: Patient brings a vaccine obtained from another pharmacy or provider
- Requires: Configuration option enabled (File > Configuration > Store > Rx > 8 Immunization > " Allow use of non-influenza immunization products obtained externally")
- Example scenarios:
 - · Patient brings vaccine dispensed by another pharmacy
 - The vaccine necessitates more than one dose and the patient must wait before the subsequent injection can occur.

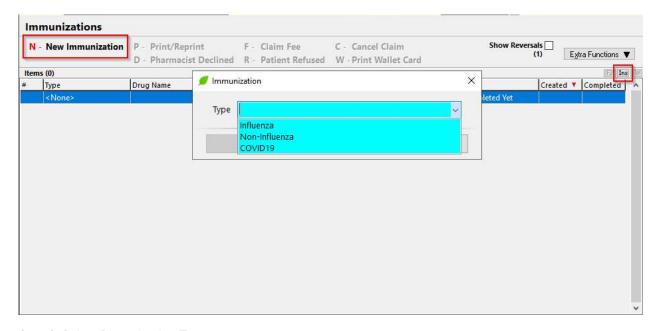
Scenario 1: Filling a New Prescription for an Immunization Product

Step 1: Access the Patient Profile and Immunization Module

- 1. Press **F3** to search for and open the patient profile
- 2. In the right-hand ribbon under View, select Immunizations



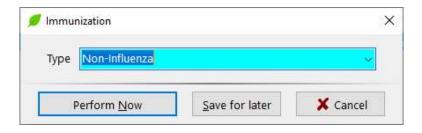
3. Press N (New Immunization) or click Ins



Step 2: Select Immunization Type

- 1. In the Immunization Type window, select Non-Influenza from the dropdown
- 2. Click **Perform Now** to proceed to electronic data entry

Immunization Type selection window

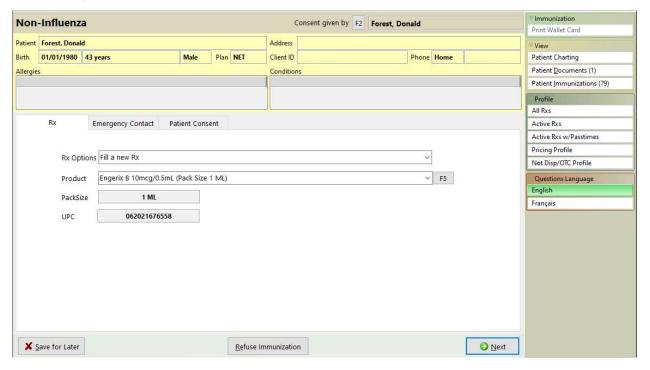


Step 3: Rx Tab - Select Product

Default Option: "Fill a new Rx" appears in the Rx Options dropdown

- 1. Verify "Fill a new Rx" is selected
- 2. Select the **Product** from the dropdown
- 3. Pack Size and UPC fields auto-populate based on the drug card configuration
- 4. Click Next

Rx tab with product selection



"Note: If the UPC field is blank, you may need to configure it on the drug card.

Step 4: Emergency Contact

Enter emergency contact information for the patient:

Option A: Manual Entry

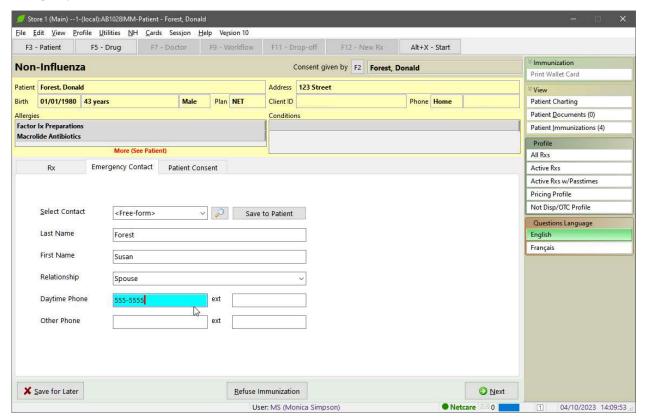
• Type the contact name and details directly in the Select Contact field

Option B: Link to Existing Patient

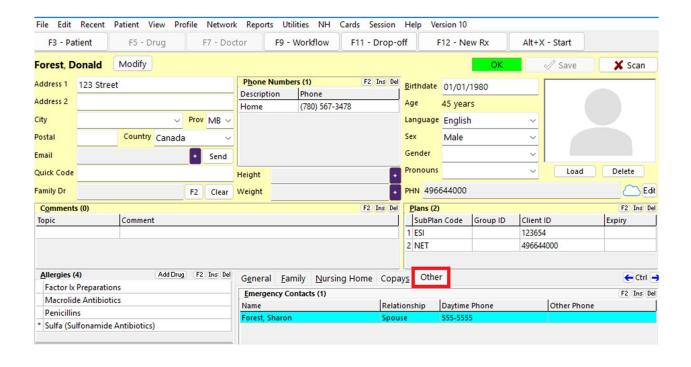
- Click the magnifying glass icon to search the patient database
- Select an existing patient profile to use as the emergency contact

Click Next to proceed.

Emergency Contact tab



Note: If the patient has an emergency contact saved on the Other tab of their patient card, the contact's information will pre-populate in the Emergency Contact fields. If there is more than one emergency contact linked to the patient profile, the user may select from the drop-down list where <Free-form> text appears.

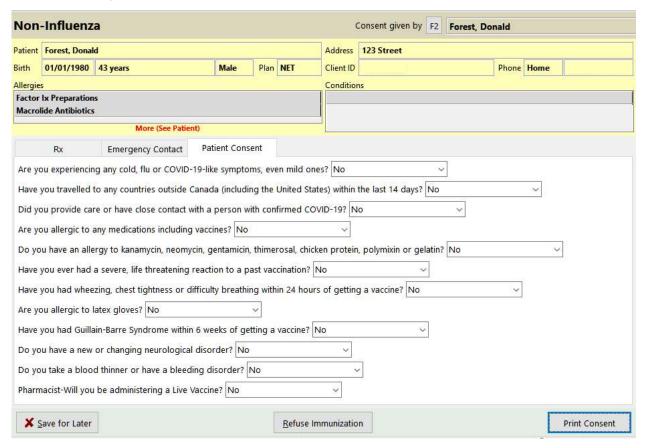


Step 5: Patient Consent

Complete the Consent Questionnaire

- 1. Answer all questions using the dropdown menus
- 2. All questions must be answered before the Print Consent button becomes enabled

Patient Consent questionnaire



If Patient is Eligible:

- 1. Click Print Consent
- 2. The Immunization Report window appears
- 3. Click **Print** to generate the consent form
- 4. Have the patient/guardian and pharmacist sign the printed form
- 5. Proceed to scan the signed form back into Kroll

		nacy, 123 Any Street, Var e: (647) 462-9587 Fax:			
PATIENT INFORMATION	N			TRACKING #: 8	3147
Donald Donald	Forest	Gender	01-Jan-1980	Weight	
Address ON		Healtr	Dard #	Phone Number	
Emergency Contact Scott Bellfer	Palaterote to Siblino	Patent Contact	a Phone Number	Contact's Other Phone Number	
	7	18.			_
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Have you ever had a severe				-	VO.
		breathing within 24 hours of ga	sting a vaccine?		ło
Are you allergic to talex glov					No.
Have you had Gulban-Barre					No.
Do you have a new or cha					NO.
Do you lake a blood thinner or have a bleeding disorder?					
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If Patient is Ineligible:

- 1. The Patient Consent tab becomes read-only
- 2. Click **Refuse Immunization** and the immunization will not be recorded on PIN. Follow steps as outlined under the <u>Refused_Immuizations</u> section.

Step 6: Scan Consent

If a document scanner is detected:

Option	Description
Scan Patient Consent Form	Scan the signed consent form directly into the system
Select from Network Scan	Import a consent form already scanned into Kroll

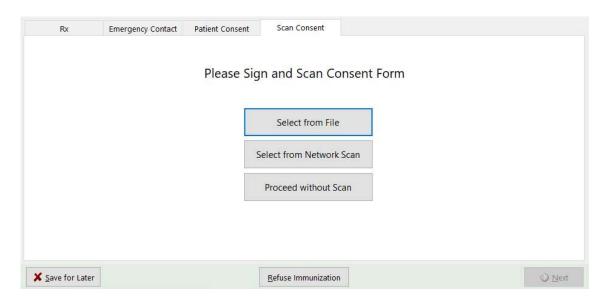
Option	Description
Proceed without Scan	Continue without attaching the consent form

If no scanner is detected:

Option	Description
Select from File	Browse and import the consent form from your computer
Select from Network Scan	Import a consent form already scanned into Kroll
Proceed without Scan	Continue without attaching the consent form

Click Next after scanning or selecting an option.

Scan Consent options



Step 7: Product Tab - Enter Product Details

Enter the following required fields:

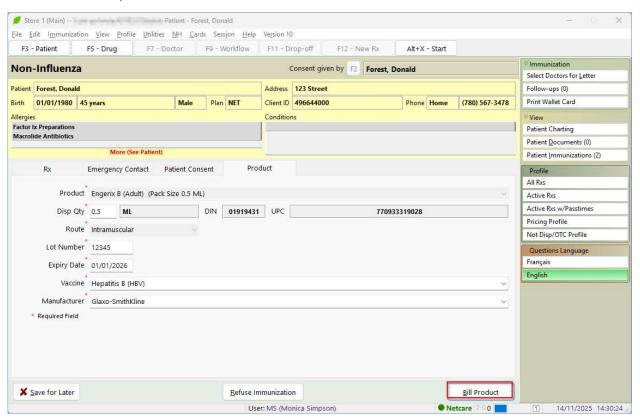
Field	Description	Source
Disp Qty	Quantity dispensed	Manual entry
Lot Number	Vaccine lot number	From vaccine packaging
Expiry Date	Vaccine expiration date	From vaccine packaging
Vaccine	Vaccine type	Dropdown (pre-populated if configured on drug card)

Field	Description	Source
Manufacturer	Vaccine manufacturer	Dropdown or auto-populated

Note: All fields must be completed before the Bill Product button becomes enabled.

Click Bill Product to proceed to prescription filling.

Product tab with required fields



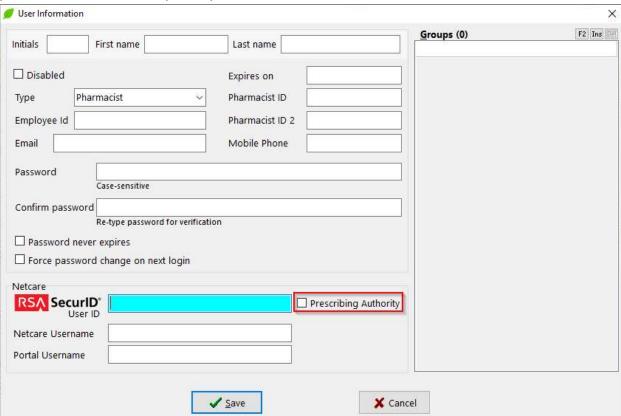
Step 8: Bill Product - F12 Fill Screen

The F12 Fill Rx screen opens with information pre-populated from the Product tab.

Doctor Card Auto-Population:

For Schedule 1 Immunizations (Prescription Required):

 Pharmacists with Additional Prescribing Authorization (APA) flagged in their user profile (Edit > Users and Groups) can prescribe these immunizations.



• The Doctor Card auto-populates with the pharmacist's prescriber information

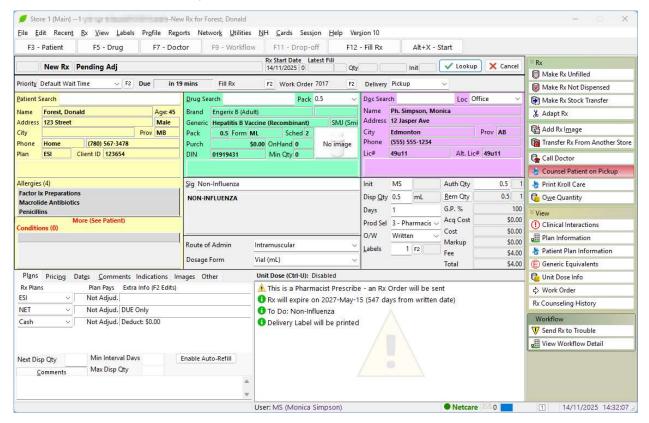
For Schedule 2 Immunizations (No Prescription Required):

• The Doctor Card auto-populates appropriately

Complete the prescription:

- 1. Verify all information is correct
- 2. Process the prescription as normal
- 3. Upon completion, you return to the Immunization module Product tab. Click Next to proceed.

F12 Fill screen for immunization product



Step 9: Locations

Verify and update location information:

Patient Address:

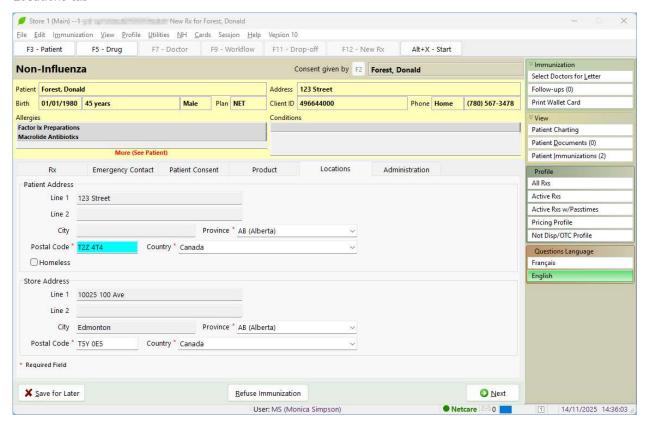
- Auto-populates from the patient profile
- Province, Postal Code, and Country are editable
- Check Homeless if applicable (makes all fields except Country read-only)

Store Address:

- Auto-populates from store configuration (File > Configuration > Store > General)
- Province, Postal Code, and Country are editable

Click Next to proceed.

Locations tab



Step 10: Administration

Enter the clinical administration details:

Required Fields:

Field	Description	Options/Notes
Date of admin	Date vaccine was administered	Date picker
Administered by	Person who administered the vaccine	Dropdown from Edit > Users and Groups
Administration site	Body location of injection	Dropdown (e.g., Left deltoid, Right deltoid)
Administration reason	Reason for immunization	Dropdown (options vary by vaccine type)
Administration fee	Fee for service billing	Dropdown (see note below)

Administration Fee Options:

Note: This field only appears for non-publicly funded vaccines.

Select the appropriate fee-for-service drug card:

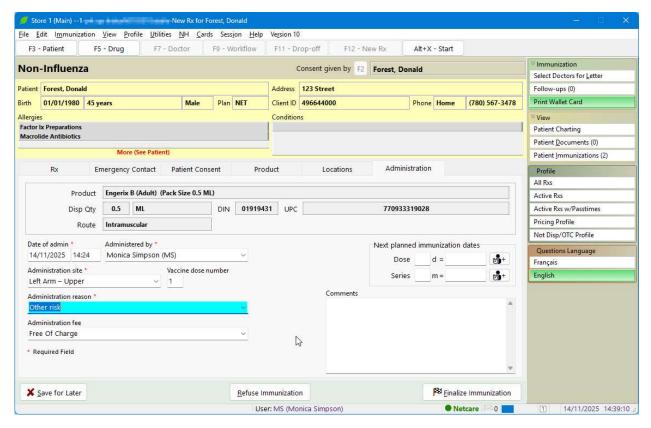
- PDIN 00071111: Patient Assessment Without APA
- PDIN 00081111: Patient Assessment With APA
- Vaccine-specific fees: (e.g., DTaP Immunization Fee, Prevnar 20 Immunization Fee)
- Free Of Charge: Waives the administration fee

Selecting a fee option triggers the F12 Fill screen to process the administration fee.

Optional Field:

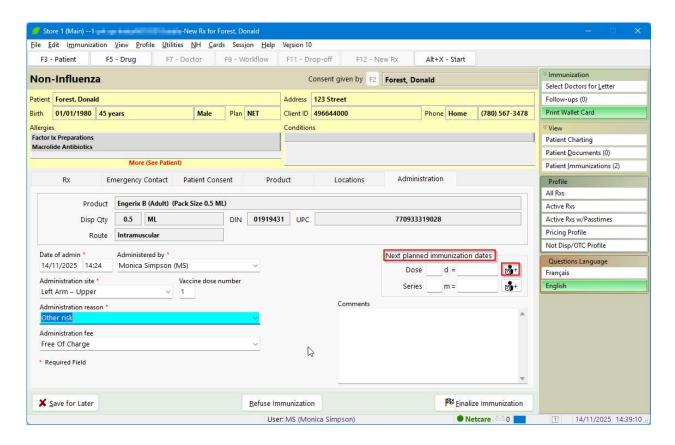
• Subsequent doses: If the vaccine requires multiple doses, enter follow-up information

Administration tab



Immunization Follow-up

Under Next planned immunization dates, click the person icon far right on the Dose field. This allows the user to decide if they want to follow-up with the patient and create an appointment after the original immunization has occurred.

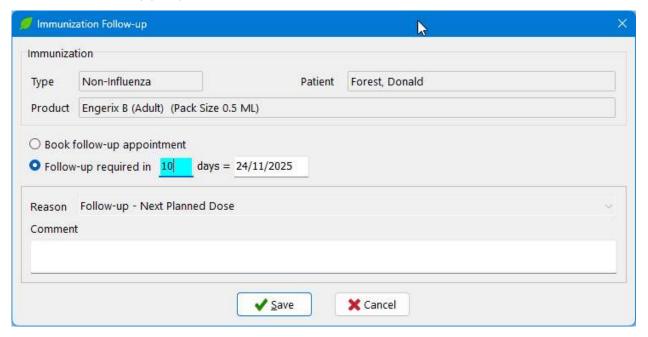


The Immunization Follow-up screen will display.

Option	Description
Book follow-up appointment	Opens the Calendar to create an appointment
Follow-up required in _ days	Creates a To-Do entry in F9-Workflow for the specified number of days in the future
011 1 0 111 51 11	

Click Save and then Finalize Immunization.

Immunization Follow-up prompt



The Immunization is sent and recorded on Imm/ARI in the background.

Step 12: Print Immunization Record

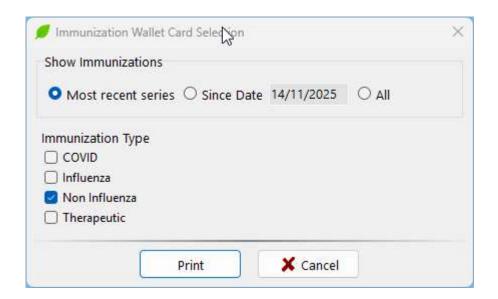
A prompt appears: "Do you want to print Immunization Record for the patient?"

- Yes: Prints the immunization record for the patient
- No: Saves without printing (can be printed later)

Print confirmation prompt



The Immunization Wallet Car selection window appears if there is a planned next dose and the user can pick which immunization type and then **Print**.



Kroll Pharmacy (555) 555-1234 10025-100 Street NW, Edmonton AB T2Z 412 www.kroll.ca

Forest, Donald DOB: 01-Jan-1980

IMMUNIZATION RECORD

14-Nov-2025 Engerix B (Adult)
Dose#1 Next Dose: 24-Nov-2025 Lot: 12345

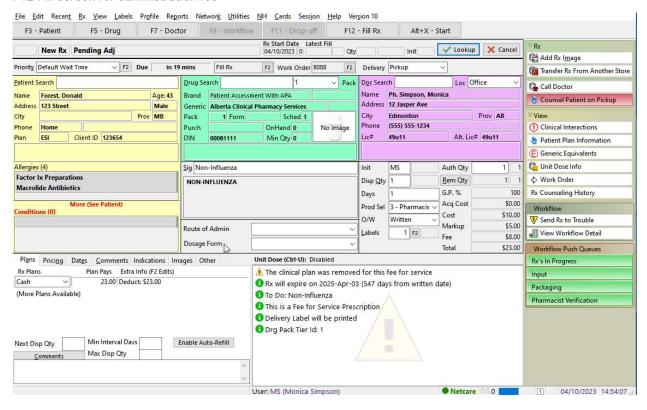
Step 13: Bill Administration Fee (if applicable)

If an administration fee was selected, the F12 Fill screen opens:

- Sig auto-populates with "Non-Influenza"
- Clinical plan is removed
- Fee-for-service drug card is pre-populated

Complete the prescription filling process.

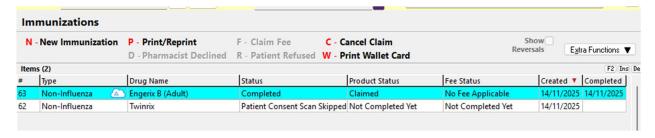
F12 Fill screen for administration fee



Viewing and Reprinting Immunization Records

To view a completed immunization:

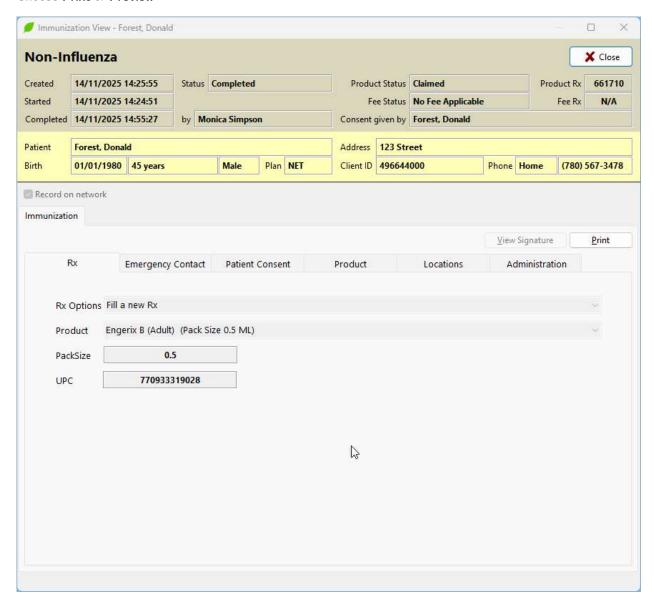
- 1. Open the patient's Immunizations module
- 2. Highlight the immunization record
- 3. Press F2 to open the Immunization View



Immunization View Tabs:

Immunization Tab:

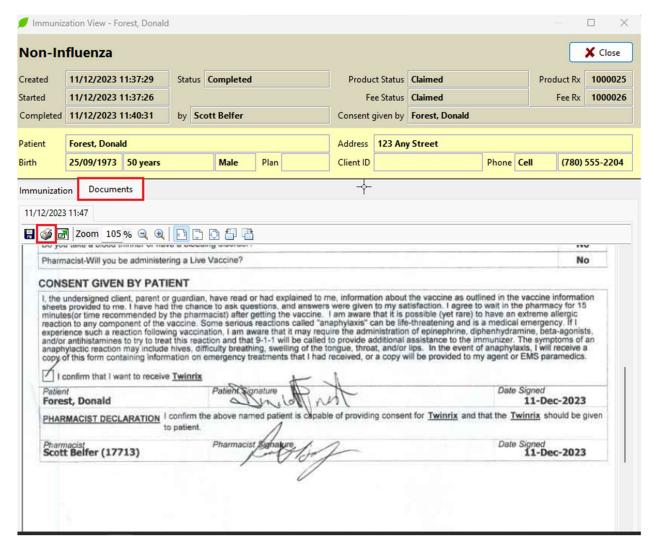
- Contains 5 sub-tabs showing all data entered during the workflow
- Click Print to reprint the immunization record
- Choose Print or Preview



Documents Tab:

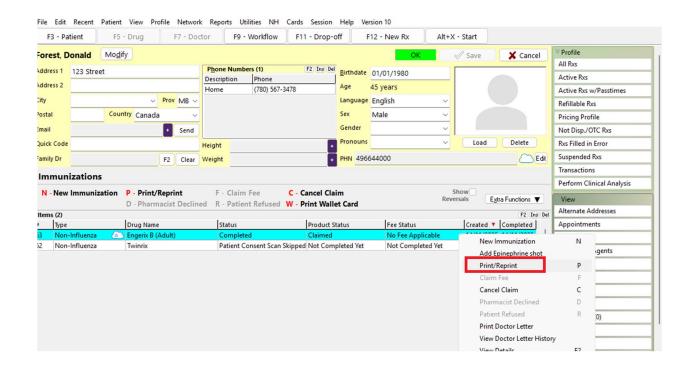
- Displays the scanned patient consent form
- Click the **Printer icon** to reprint the consent form

Immunization View window



Alternative Method:

- Highlight the immunization in the Immunization History screen
- Press P (Print/Reprint)



Scenario 2: Performing an Immunization for a Product Obtained Externally

When to Use: Patient brings a vaccine obtained from another pharmacy, clinic, or provider.

Prerequisites:

- Configuration option must be enabled: File > Configuration > Store > Rx > 8 Immunization
- Enable "Allow use of non-influenza immunization products obtained externally"

Workflow Overview

The workflow is similar to Scenario 1 with these key differences:

- 1. Select "Use a Product obtained externally" in the Rx Options dropdown
- 2. The prescription is flagged as "Not Dispensed"
- 3. The immunization still transmits to Imm/ARI

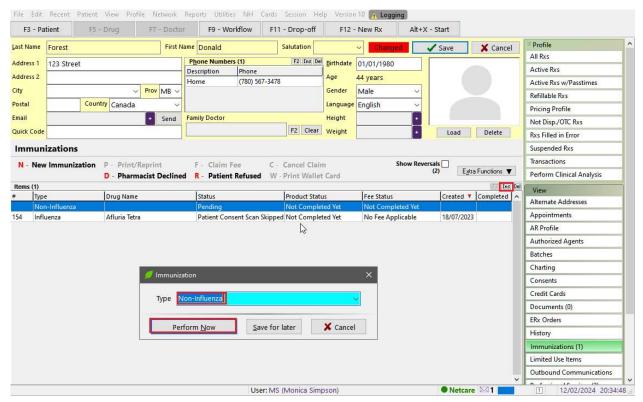
Step-by-Step Instructions

Step 1: Access Immunization Module

- 1. Open the patient card
- 2. Select Immunizations in the right-hand ribbon

- 3. Press Ins (or N for New Immunization)
- 4. Select Non-Influenza
- 5. Click Perform Now

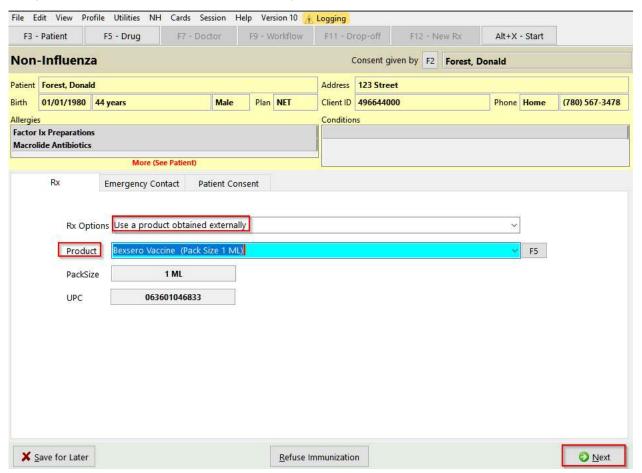
Immunization Type selection



Step 2: Rx Tab - Select External Product

- 1. Under Rx Options, select Use a Product obtained externally
- 2. Select the **Product** from the dropdown
- 3. Click Next

Rx Options with "Use a Product obtained externally" selected



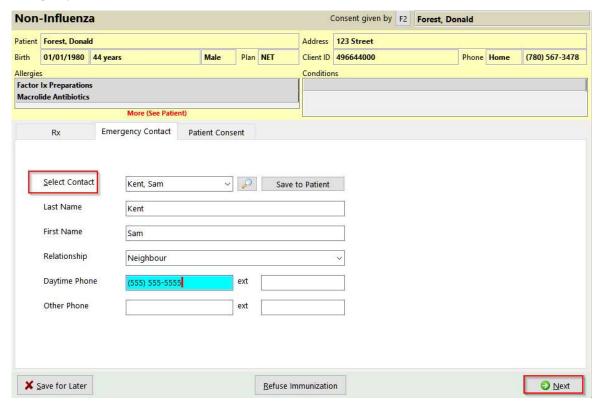
Note: This option only appears if the configuration setting is enabled.

Step 3: Emergency Contact

Enter emergency contact information (same as Scenario 1).

Click Next.

Emergency Contact tab

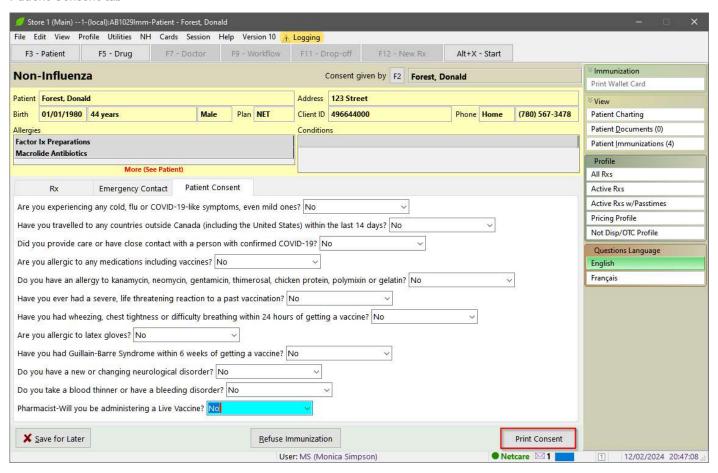


Step 4: Patient Consent

- 1. Complete the consent questionnaire
- 2. Click Print Consent
- 3. Have the patient/guardian and pharmacist sign the form

Click Next.

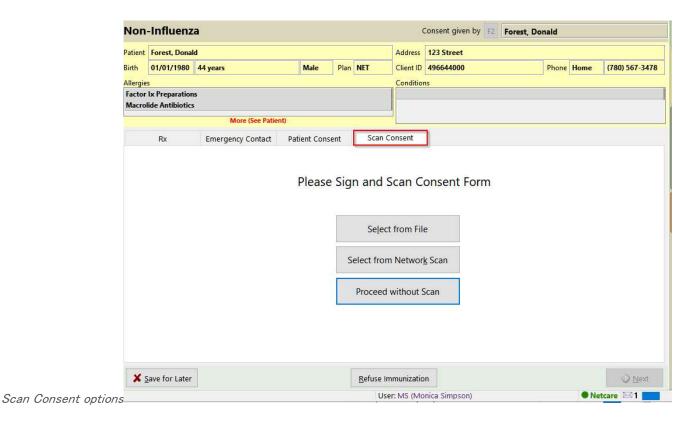
Patient Consent tab



Step 5: Scan Consent

Choose a scan option to attach the signed consent form.

Click Next.



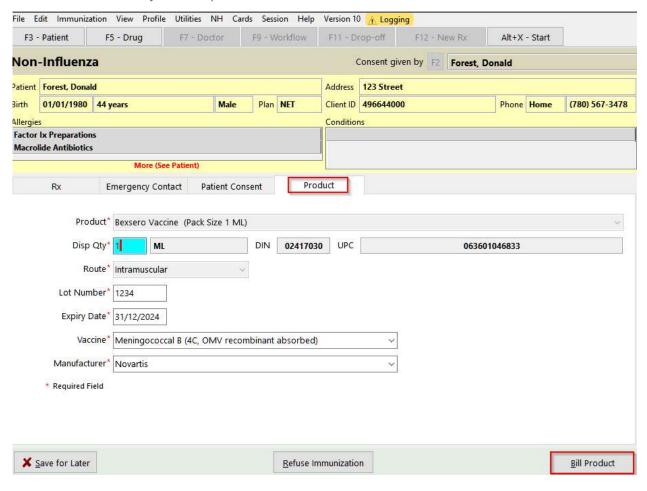
Step 6: Product Tab

Enter the required product details:

- Disp Qty
- Lot Number
- Expiry Date
- Vaccine
- Manufacturer

Click Bill Product.

Product tab for externally obtained product



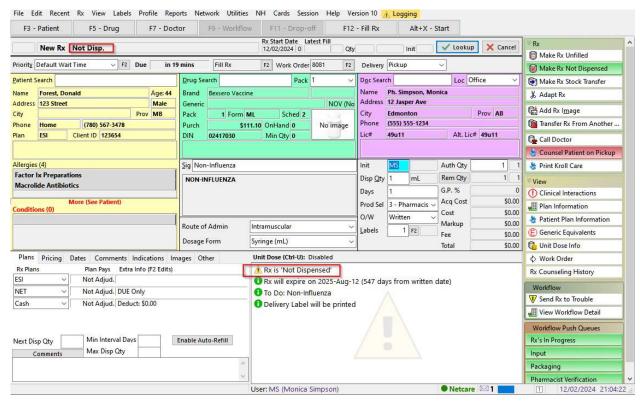
Step 7: Bill Product - Not Dispensed Prescription

The F12 Fill screen opens with the immunization product flagged as Not Dispensed.

Key Difference: The product is not actually dispensed by your pharmacy, so inventory is not affected.

Complete the adjudication process.

F12 Fill screen showing "Not Dispensed" flag



Step 8: Administration Tab

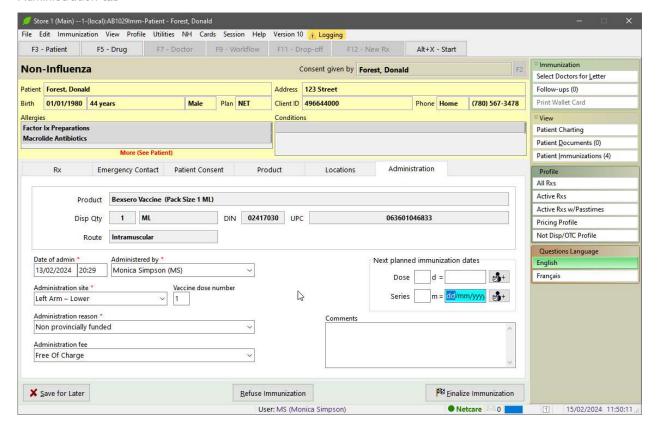
Enter the administration details (same as Scenario 1):

- Date of admin
- Administered by
- Administration site
- Administration reason
- Administration fee (if applicable)

Click Finalize Immunization.

The immunization is transmitted to Imm/ARI.

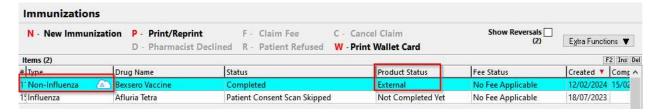
Administration tab



Step 9: Verify Submission

In the Immunizations Module:

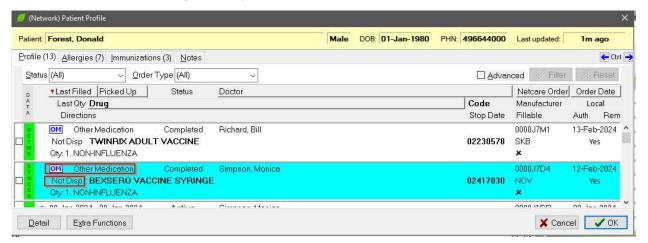
The record shows the immunization was obtained externally and uploaded to Imm/ARI
 Immunization History showing externally obtained product

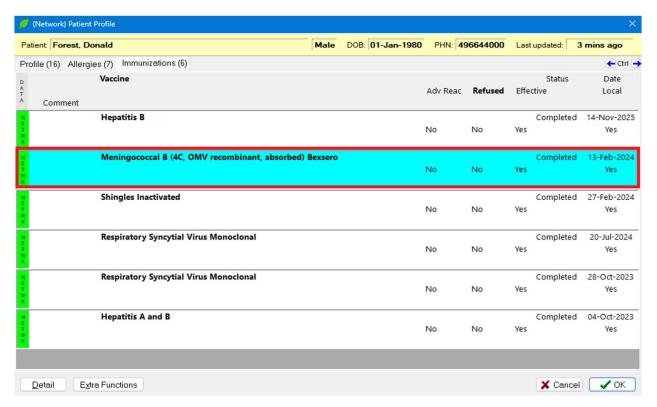


On the Network Patient Profile:

- Shows the non-influenza immunization product as Other Medication/Not Disp.
- Immunizations tab: Shows the immunization recorded on Imm/ARI

Network Patient Profile showing externally obtained immunization





Recording Emergency Epinephrine Shots (Electronic mode)

Record an epinephrine injection when:

- A patient experiences an adverse reaction to an immunization
- Epinephrine was administered as emergency treatment

• The immunization record is already completed in Kroll

Note: The epinephrine administration is linked to the specific immunization that caused the reaction and is reported to Imm/ARI.

Prerequisites

Before using this feature, ensure:

- \checkmark Epinephrine products are configured in Kroll drug cards

Step-by-Step Documentation Procedure

Step 1: Access the Patient Profile

- 1. Press F3 to search for and open the patient card
- 2. In the right-hand ribbon under View, select Immunizations

Step 2: Link Epinephrine to the Immunization Record

- 1. Locate the immunization record that caused the adverse reaction
- 2. Right-click on the immunization record
- 3. Select Add Epinephrine shot

Right-click menu with "Add Epinephrine shot" option

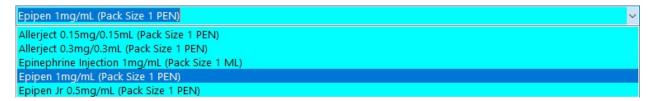


Important: Select the specific immunization that triggered the adverse reaction. The Epinephrine administration will be linked to this record.

Step 3: Product Tab - Select Epinephrine Product

The Emergency Epinephrine window opens on the **Product** tab.

- 1. Select the epinephrine product from the dropdown
 - Example: EpiPen, EpiPen Jr., or epinephrine injection

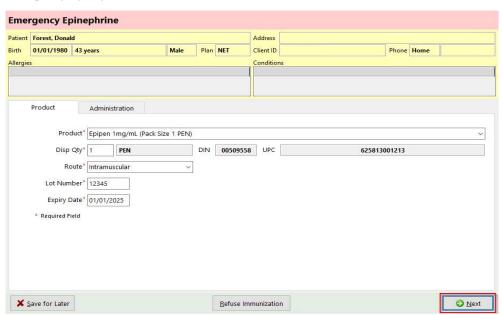


2. Complete the required fields:

Field	Description	Example
Disp Qty	Quantity administered	1
Route	Administration route	Intramuscular (IM), Subcutaneous (SC)
Lot Number	Product lot number	From epinephrine packaging
Expiry Date	Product expiration date	From epinephrine packaging

3. Click Next

Emergency Epinephrine Product tab



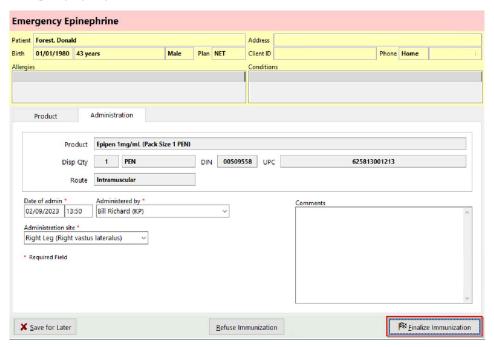
Note: All fields must be completed before you can proceed.

Step 4: Administration Tab - Record Administration Details

The Administration tab displays with the Date of admin pre-populate with the current date and time.

- 1. Select Administered by from the dropdown
 - Choose the healthcare provider who administered the epinephrine
- 2. Select Administration site from the dropdown
 - Choose the injection location (e.g., Left thigh, Right thigh, Left deltoid)
- 3. Click Finalize Immunization

Emergency Epinephrine Administration tab



Step 5: Immunization Follow-up

The Immunization Follow-up window appears.

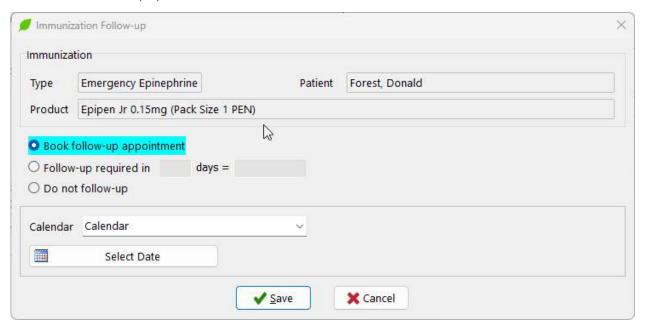
Select the appropriate option:

Option	When to Use
Book follow-up appointment	Schedule a follow-up visit to monitor the patient
Follow-up required in _ days	Create a reminder for follow-up contact
Do no follow-up	No automated follow-up needed (not recommended for adverse reactions)

Recommendation: Always schedule follow-up for patients who experienced adverse reactions requiring epinephrine.

Click Save.

Immunization Follow-up options

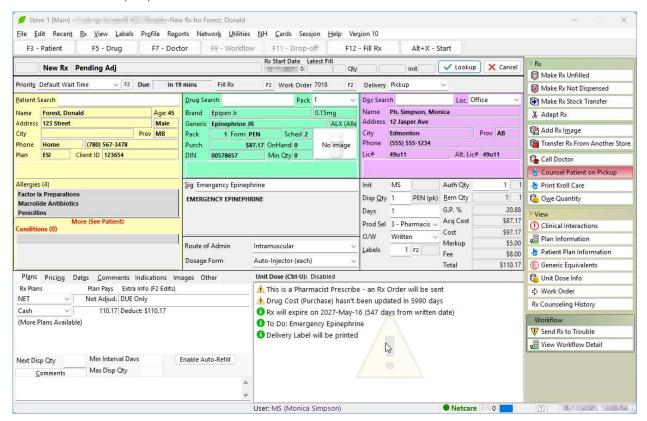


Step 6: Bill Epinephrine Administration

The F12 Fill Rx screen opens with the epinephrine product pre-populated.

- 1. Verify all information is correct:
 - Product matches the epinephrine administered
 - Quantity is correct
 - Date/time reflects the emergency administration
- 2. Complete the prescription filling process
- 3. Process billing according to your pharmacy's emergency medication protocols

F12 Fill screen for epinephrine



Note: Billing procedures for emergency epinephrine may differ from standard immunization fees. Consult your pharmacy's billing guidelines.

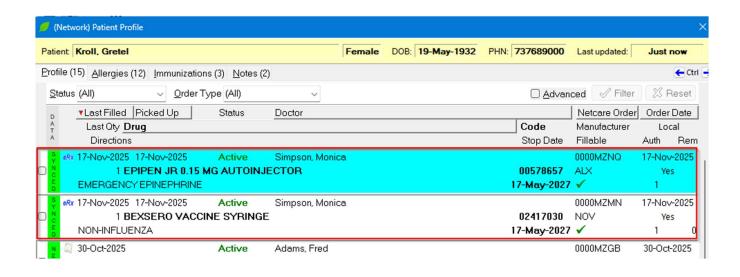
Step 7: Verify Documentation

After completing the workflow:

- 1. Return to the patient's Immunizations module
- 2. Verify the epinephrine administration is linked to the immunization record. The number for the linked emergency epinephrine will display the immunization number that is linked to follow by a -1. (Example: Immunization number is 63, the epinephrine is 63-1)
- 3. Confirm the emergency epinephrine was transmitted to PIN

Immunization record showing linked epinephrine administration

Items (3)					F	F2 Ins D
#	Туре	Drug Name	Status	Product Status	Fee Status	Created 🔻	Comp
63-1	mergency Epinephrine	Epipen Jr	Completed	Claimed	No Fee Applicable	15/11/2025	15/11
63	Non-Influenza 🛆	Engerix B (Adult)	Completed	Claimed	No Fee Applicable	14/11/2025	14/11
62	Non-Influenza	Twinrix	Patient Consent Scan Skipped	Not Completed Yet	Not Completed Yet	14/11/2025	



Filling a Non-Influenza Immunization (Paper mode)

Processing Non-Influenza Immunizations (Paper Mode)

Overview

What is Paper Mode?

Paper mode allows immunization documentation using printed forms that are completed manually, scanned back into Kroll, and then processed electronically.

Paper Mode will be used when:

- Electronic immunization configuration is disabled in your store
- Preference for paper-based documentation

Note: Even in Paper mode, immunization data must ultimately be entered electronically and transmitted to Imm/ARI and PIN.

Configuration

Enabling/Disabling Paper Mode:

Paper mode is controlled by the Electronic Immunizations setting:

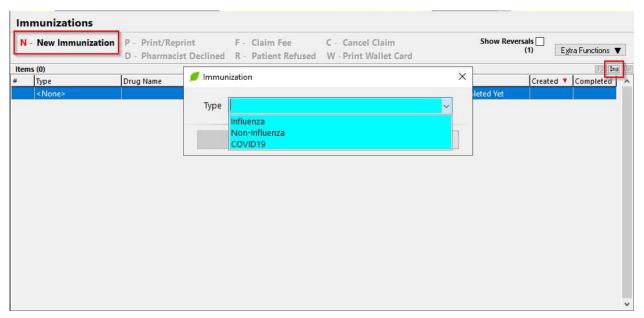
- Navigate to: File > Configuration > Store > Rx > 8 Immunization
- When Electronic Immunizations is disabled, the system operates in Paper mode
- When Electronic Immunizations is enabled, the system operates in Electronic mode

Step-by-Step Instructions

Step 1: Access Patient Profile and Immunization Module

- 1. Press **F3** to search for and open the patient profile
- 2. In the right-hand ribbon under View, select Immunizations
- 3. Press N (New Immunization) or click Ins

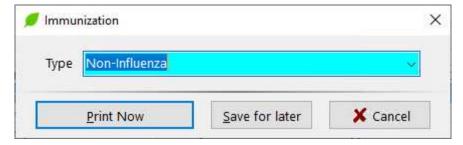
Accessing the Immunization module



Step 2: Select Immunization Type and Print Mode

- 1. The Immunization Type window opens
- 2. Select Non-Influenza from the dropdown
- 3. Click Print Now (Paper mode option)

Immunization Type selection with Print Now option

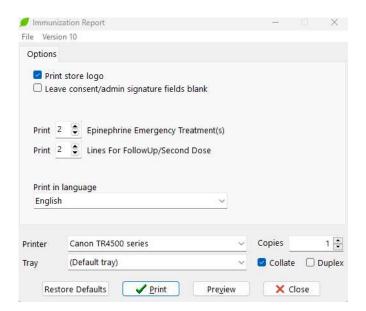


Step 3: Print Blank Immunization Form

The Immunization Report window appears.

- 1. Click **Print** to generate the blank immunization form
- 2. The form prints with patient information pre-populated
- 3. The system creates a pending immunization record

Immunization Report window



Immunization Record

Kroll pharmacy, 10025 100 Ave, Edmonton AB T5Y 0E5 Phone: (780) 555-1234 Fax: (780) 555-4321

PATIENT INFORMATION First Name Sweets Hansel Last Name Kriohmzmcmt Address AB Emergency Contact Relationship to Patient TRACKING #: 66 Weight 22-Sep-1946 Weight Phone Number 225203100 Contact's Phone Number Contact's Other Phone Number

SCREENING QUESTIONNAIRE

SCREENING QUESTIONNAIRE				
Are you experiencing any cold, flu or COVID-19-like symptoms, even mild ones?		Yes	No	Unsure
Have you travelled to any countries outside Canada (including the United States) within the last 14 days?	Yes	No	Unsure	
Did you provide care or have close contact with a person with confirmed COVID-19?	Yes	No	Unsure	
Are you allergic to any medications including vaccines?		Yes	No	Unsure
Do you have an allergy to kanamycin, neomycin, gentamicin, thimerosal, chicken protein, polymixin or gelatin?		Yes	No	Unsure
Have you ever had a severe, life threatening reaction to a past vaccination?	Yes	No	Unsure	
Have you had wheezing, chest tightness or difficulty breathing within 24 hours of getting a vaccine?	Yes	No	Unsure	
Are you allergic to latex gloves?	Yes	No	Unsure	
Have you had Guillain-Barre Syndrome within 6 weeks of getting a vaccine?	Yes	No	Unsure	
Do you have a new or changing neurological disorder?		Yes	No	Unsure
Do you take a blood thinner or have a bleeding disorder?		Yes	No	Unsure
Pharmacist-Will you be administering a Live Vaccine? (If "No", skip the following questions)		Yes	No	
Do you have a medical condition that can weaken your immune system? (eg. Leukemia, Lymphoma, HIV/AIDs)		Yes	No	Unsure
Are you taking any medications that can weaken your immune system within the past 3 months? (eg Prednisone	etc)	Yes	No	Unsure
Have you received any other vaccines in the last 4 weeks?		Yes	No	Unsure
Are you or do you think you might be pregnant?	N/A	Yes	No	Unsure

CONSENT GIVEN BY PATIENT/AGENT

sheets provided to me. I have had the chance minutes(or time recommended by the pharms reaction to any component of the vaccine. So experience such a reaction following vaccinal and/or antihistamines to try to treat this react anaphylactic reaction may include hives, difficopy of this form containing information on er	e to ask questions, and answers were given to my s acist) after getting the vaccine. I am aware that it is sme serious reactions called "anaphylaxis" can be li tion, I am aware that it may require the administration ion and that 9-1-1 will be called to provide additional culty breathing, swelling of the tongue, throat, and/o mergency treatments that I had received, or a copy	possible (yet rare) to have an extreme allergic fe-threatening and is a medical emergency. If I on of epinephrine, diphenhydramine, beta-agonists, il assistance to the immunizer. The symptoms of an or lips. In the event of anaphylaxis, I will receive a
I confirm that I want to receive OR	I confirm that I want my child to receive	
	Product	
Patient/Agent & Relationship	Patient/Agent Signature	Date Signed 15-Nov-2025
that the	above named patient is capable of providing conse	given to patient.
Pharmacist Monica Simpson (49u11)	Pharmacist Signature	Date Signed 15-Nov-2025

Immunization Record

	PHARM	ACY USE O	NLY					
First Name Sweets Hansel	Last Name Kriohmzmcmt	Sex M	DOB 22-Se	p-1946	Weight			
Address AB	Health Card # 225203100			00	Phone	Number		
NON-INFLUENZA VACCINE					TRACKI	NG#: 66	(Conti	nued)
Product						DIN	Dose	
Route Of Administration	Site Of Administration		Lot Nu	mber		Expiry Date		
Administered by Name and # Monica Simpson (49u11) Date/Time of Immunization	Administered By <pharmacist></pharmacist>							
EPINEPHRINE EMERGENCY	TREATMENT					TRACK	ING #:	66-1
Product Epipen Jr 0.15mg (Pack Size	•				v 0578657	PIN	Dose	
Route Of Administration	Site Of Administration		Lot Nu	mber		Expiry Date		
Administered by Name and # Monica Simpson (49u11) Date/Time of Injection	Administered By <pharmacist></pharmacist>							
EPINEPHRINE EMERGENCY	TREATMENT					TRACK		66-2
Product Epipen Jr 0.15mg (Pack Size					v 0578657	PIN	Dose	
Route Of Administration	Site Of Administration		Lot Nu	mber		Expiry Date		
Administered by Name and # Monica Simpson (49u11) Date/Time of Injection	Administered By <pharmacist></pharmacist>							
Comments								
FOLLOW-UP/NEXT DOSE								
Date	Reason F	or Follow-up			C	omment		

Immunization Record

PHARMACY USE ONLY				
First Name Sweets Hansel	Last Name Krlohmzmcmt	Sex M	^{DOB} 22-Sep-1946	Weight
Address AB		Health Ca	d # 225203100	Phone Number

Date	Reason For Follow-up	Comment

Status Update:

After printing, the immunization record shows three status areas as:

• Status: Printed Consent

Product status: Pending Claim

• Fee status: Pending Claim

Immunization record show the statuses



Step 4: Complete the Paper Form

Off-System Process:

1. Administer the immunization to the patient

- 2. Complete all sections of the printed form:
 - Patient consent information
 - Product details (lot number, expiry date, etc.)
 - Administration details (date, site, administered by)
 - Patient/guardian signature
 - Pharmacist signature
- 3. Ensure all required fields are completed and legible

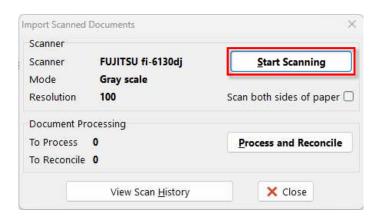
Important: The form must be fully completed before scanning.

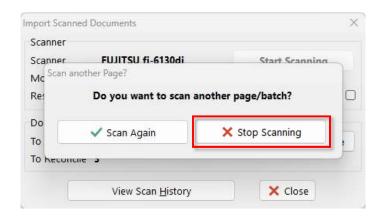
Step 5: Scan Completed Form into Kroll

Access Document Scanning:

- 1. From the Start Screen, navigate to Utilities > Printed Document Scan/Import
- 2. Place the completed immunization form(s) on the document scanner
- 3. Click Start Scanning
- 4. Wait for the scanning process to complete
- 5. Click Stop Scanning when all documents are scanned

Printed Document Scan/Import utility





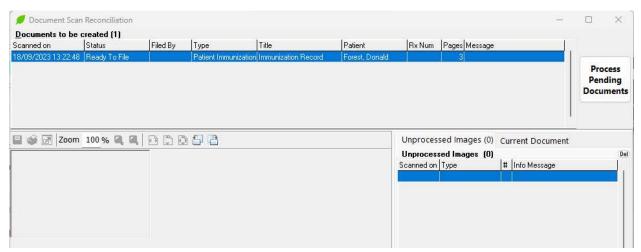
Note: Ensure all pages are attached as Kroll expects the same number of pages printed to be scanned back in.

Step 6: Process Scanned Documents

The Document Scan Reconciliation screen displays.

- 1. Review the scanned documents list
- 2. Click Process Pending Documents
- 3. Wait for processing to complete
- 4. Exit the utility to return to the Start Screen

Document Scan Reconciliation screen



What happens: The system links scanned forms to their corresponding pending Immunization records.

Step 7: Verify Scanned Form

- 1. Return to the patient card
- 2. Click Immunizations
- 3. Locate the immunization record

Status Update:

The record now shows:

- Status: Signed Consent (updated from Pending)
- Completed Date: Now populated with the date

Immunization record showing Signed Consent status

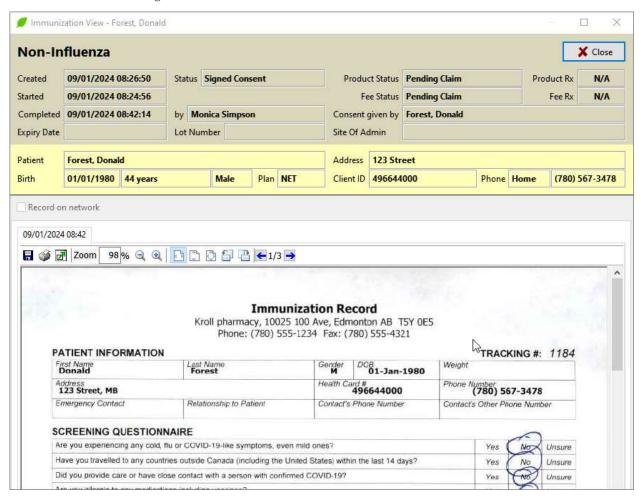


Step 8: View Scanned Form (Optional)

To view or print the scanned form:

- 1. Highlight the immunization record
- 2. Press F2 to open the Immunization View
- 3. The scanned form displays

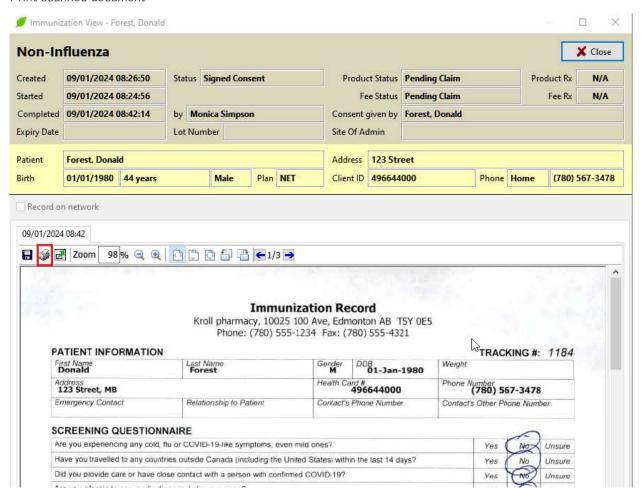
Immunization View showing scanned document

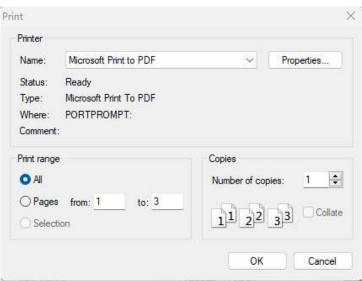


To print the scanned form:

- 1. Click the **Printer icon** in the upper left corner
- 2. The Print dialog displays
- 3. Click OK
- 4. The scanned form prints

Print scanned document





	Kroll pharmacy, 100	unization Re 25 100 Ave, Edn 555-1234 Fax: (nonton AB T5Y 0E5				
PATIENT INFORMATIO	N				TRACE	KING #:	1184
First Name Donald	Last Name Forest	Gender M	01-Jan-1980	Weight			
Address 123 Street, MB		Health C	496644000	Phone No	mber 780) 56	7-3479	
Emergency Contact	Relationship to Patient	Contact's	Phone Number	Contact's	Other Ph	one Num	ber
SCREENING QUESTIO	NNAIRE					_	
Are you experiencing any col	d, flu or COVID-19-like symptoms, e	ven mild ones?			Yes (Now	Unsure
Have you travelled to any cou	intries outside Canada (including the	United States) with	in the last 14 days?		Yes	No	Unsure
T-10 - 10 - 10 - 10 - 10 - 10 - 10 - 10	close contact with a person with con				Yes	(NO)	Unsure
Are you allergic to any medic					Yes	No	Unsure
	namycin, neomycin, gentamicin, thim	nerosal chicken pro	tein, polymixin or gelatin	2	Yes	(No)	Unsure
Have you ever had a severe, life threatening reaction to a past vaccination?				Yes	(No)	Unsure	
Have you had wheezing, chest tightness or difficulty breathing within 24 hours of getting a vaccine?				Yes	(No)	Unsure	
Are you allergic to latex gloves?				Yes	(No)	Unsure	
Have you had Guillain-Barre Syndrome within 6 weeks of getting a vaccine?					Yes	(No)	Unsure
Do you have a new or changing neurological disorder?					Yes	(No	Unsure
Do you take a blood thinner or have a bleeding disorder?					Yes	Wa	Unsure
Pharmacist-Will you be admir	nistering a Live Vaccine? (# No. skip t	he following guestions;			Yes	(No)	2.502.0
Do you have a medical condi	tion that can weaken your immune s	ystem? (eg. Leuken	nia, Lymphoma, HIV/AID	ls)	Yes	(No)	Unsure
Are you taking any medicatio	ns that can weaken your immune sy	stem within the past	3 months? (eg Prednise	one etc)	Yes	(Na)	Unsure
Have you received any other	vaccines in the last 4 weeks?			-	Yes	(No)	Unsure
Are you or do you think you n	night be pregnant?			(N/A	Yes	No	Unsure
CONSENT GIVEN BY P	ATIENT/ACENT			0			
sheets provided to me. I have minutes(or time recommende reaction to any component of experience such a reaction to and/or antihistamines to try to anaphylactic reaction may incopy of this form containing in	ent or guardian, have read or had exp had be chance to ask questions, and d by the pharmacstyl after getting the the vaccine. Some serious reaction to treat this reaction and that 9-1-1 will use he will be serious the some formation on emergency treatments consider the serious programment of the Patient's good to the serious consideration of the Patient's good to the serious consideration of the Patient's good to the serious consideration of the serious con- traction of the serious consideration of the serious con- traction of the serious contraction of the serious contraction of the serious con- traction of the serious contraction of the serious	nd answers were gi e vaccine I am aw, s called "anaphylaxi it may require the a il be called to provid ling of the tongue, ti s that I had received at my child to receive	ven to my satisfaction. I are that it is possible (ye s" can be life-threatening dministration of epineph e additional assistance to roat, and/or lips. In the , or a copy will be provid	agree to wait rare) to hav g and is a me rine, diphent to the immun event of ana ed to my age	in the phe an extre dical eme ydramine zer. The phylaxis, ant or EMS	armacy forme allerg ingency. It beta-ago symptoms will receib paramen	or 15 fic fil onists, s of an
Patient/Atlent & Polistionship	Patient/Aged VSigna	ture			Date Sign	ed	

Step 9: Enter Immunization Data Electronically

Important: Even though the paper form is complete, data must be entered electronically for transmission to Imm/ARI.

- 1. From the patient's Immunizations screen, highlight the immunization record
- 2. Press F (Claim Fee) or select Claim Fee from the menu

Immunizations screen with Claim Fee option



The Immunization Data Entry window opens.

Step 10: Complete Required Data Entry

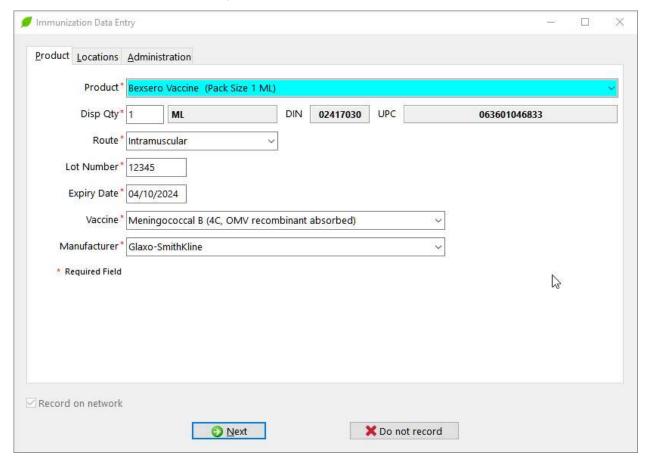
Product Tab:

Enter all required fields by referencing the completed paper form:

- Product details
- Lot number
- Expiry date
- Quantity
- Vaccine type
- Manufacturer

Click Next.

Product tab in Immunization Data Entry



Note: The 'Record on network' checkbox is greyed out. The immunization will automatically be transmitted to the network.

Step 11: Locations Tab

Verify and complete location information:

Patient Address:

- Auto-populates from patient profile
- Province, Postal Code, and Country are editable
- Check Homeless if applicable

Store Address:

• Auto-populates from store configuration

Click Next.

Locations tab

roduct Locatio	ns Administration		
Patient Address			
Line 1	123 Street		
Line 2			
City	Province * AB (Alberta)		
Postal Code	* T5Y 0E4 Country * Canada		
Homeless			
Store Address			
Line 1	10025 100 Ave		
Line 2			
City	Edmonton Province * AB (Alberta)		
Postal Code	T5Y 0E5 Country * Canada ~		
Required Field			

Step 12: Administration Tab

Enter all required administration details:

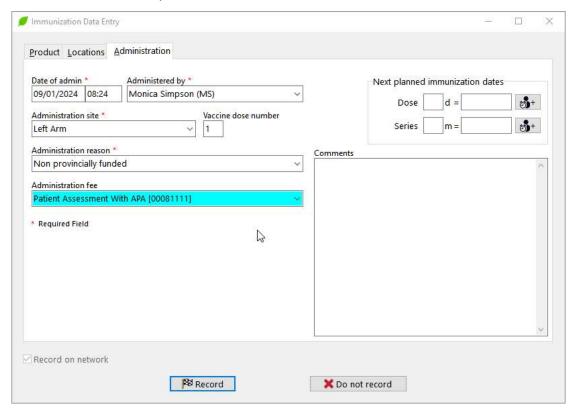
Field	Description	Source
Date of admin	Date vaccine was administered	From paper form
Administered by	Healthcare provider who administered	Dropdown selection

Field	Description	Source
Administration site	Injection location	Dropdown selection
Administration reason	Reason for immunization	Dropdown (vaccine-specific)
Administration fee	Fee for service billing	Dropdown (if non-publicly funded)

^{*} All required fields must be completed to enable the **Record** button.

Click Record.

Administration tab with required fields



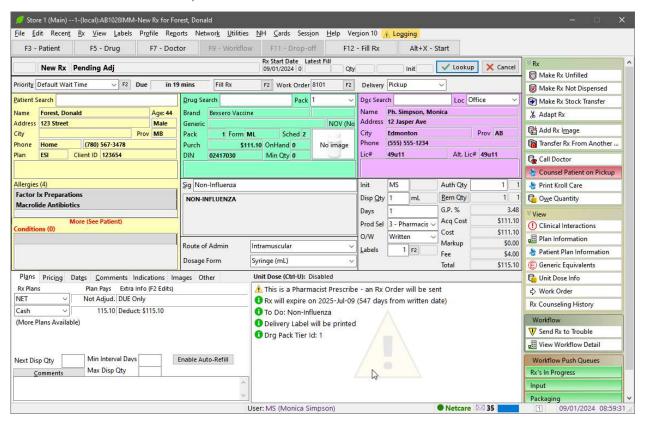
Step 13: Bill Immunization Product

The F12 Fill Rx screen opens for the immunization product.

1. Verify all information is correct:

- Product matches the administered vaccine
- Quantity is correct
- Date matches the administration date
- Patient information is accurate
- 2. Complete the prescription filling process
- 3. Process adjudication

F12 Fill screen for immunization product



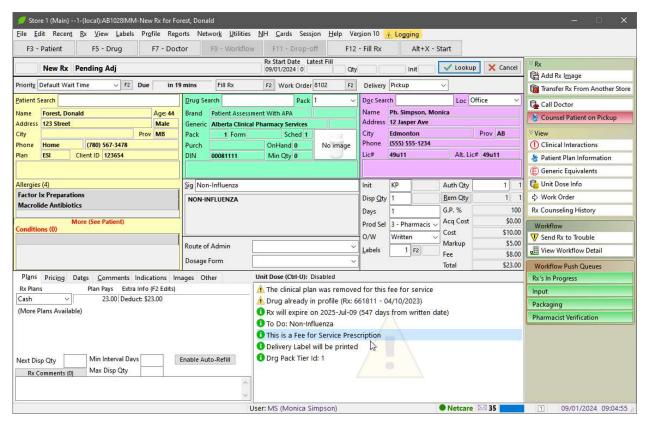
Step 14: Bill Administration Fee (if applicable)

If an administration fee was selected, the F12 Fill Rx screen opens again for the fee-for-service billing.

- 1. Verify the fee drug card is correct (e.g., PDIN 00071111 or 00081111)
- 2. Complete the prescription filling process

3. Process adjudication

F12 Fill screen for administration fee



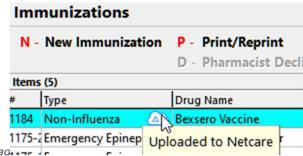
Step 15: Verify Transmission to Network

After completing all billing:

- 1. Return to the patient's Immunizations screen
- 2. Locate the immunization record
- 3. Verify the cloud symbol () appears next to the record

Cloud Symbol Indicates:

- Ø Data transmission complete
- Record is now part of the provincial immunization registry



Immunization record with cloud symbol indicating network upload

Printing Completed Forms

To print a copy of the scanned immunization form:

Method 1: From Immunization View

- 1. From the Immunizations screen, highlight the immunization record
- 2. Press F2 to open Immunization View
- 3. Click the **Printer icon** in the upper left corner
- 4. Click **OK** in the Print dialog
- 5. The scanned form prints

Method 2: From Documents Tab

- 1. Press F2 to open Immunization View
- 2. Click the Documents tab
- 3. The scanned consent form displays
- 4. Click the Printer icon
- 5. The form prints

Paper Mode vs. Electronic Mode Comparison

Aspect	Paper Mode	Electronic Mode	
Initial documentation Print blank form, complete manually		Enter data directly in Kroll	

Aspect	Paper Mode	Electronic Mode
Patient signature	Physical signature on paper	Electronic signature pad (if configured)
Data entry timing	After administration and scanning	During administration process
Scanning required	Yes - completed forms must be scanned	Optional – consent forms only
Steps to complete	More steps (print, fill, scan, enter data)	Fewer steps (direct data entry)
Network transmission	Automatic after data entry	Automatic after finalization

Important Notes

■ Documentation Requirements:

- Paper forms must be fully completed and signed before scanning
- Scanned forms are stored electronically in Kroll
- Electronic data entry is still required for Imm/ARI transmission
- Maintain paper forms according to pharmacy record retention policies

⚠ Common Mistakes to Avoid:

- X Scanning incomplete forms (all fields must be filled)
- X Forgetting to complete electronic data entry after scanning
- X Not verifying the cloud symbol appears (confirms network upload)
- X Assuming scanning alone transmits data to Imm/ARI

⊘ Best Practices:

- Complete paper forms immediately after administration
- Scan forms promptly to avoid backlog
- Verify scanned image quality before processing
- Complete electronic data entry the same day
- Check for cloud symbol to confirm successful upload

Recording Emergency Epinephrine Shots (Paper mode)

Record an epinephrine injection when:

- A patient experiences an adverse reaction to an immunization
- Epinephrine was administered as emergency treatment
- The immunization record is already completed in Kroll
- Your system is configured for Paper mode immunization processing

Note: The epinephrine administration is linked to the specific immunization that caused the reaction and is reported to Imm/ARI and PIN.

Prerequisites

Before using this feature, ensure:

- ✓ Epinephrine products are configured in Kroll drug cards
- ullet The original immunization record is completed in Kroll
- \checkmark Paper mode is enabled (File > Configuration > Store > Rx > 8 Immunization)

Step-by-Step Documentation Procedure

Step 1: Access the Patient Profile

- 1. Press **F3** to search for and open the patient profile
- 2. In the right-hand ribbon under View, select Immunizations

Step 2: Link Epinephrine to the Immunization Record

- 1. Locate the immunization record that caused the adverse reaction
- 2. Right-click on the immunization record
- 3. Select Add Epinephrine shot

Right-click menu with "Add Epinephrine shot" option

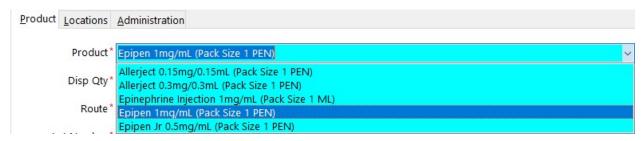
lmi	munizations								
N -	New Immunization	P - Print/Reprint D - Pharmacist Declined	F - Claim Fee R - Patient Refused	C - Cancel Claim W - Print Wallet Card	Show Reversals (80) Extra Functions		v		
Item	s (6)							F2 In	s Del
#	Туре	Drug Name	Status	Product Status	Fee Statu	is e	Created 🔻	Completed	1 ^
1130	Non-Influenza		Printed Consent	Pending Claim	Pending	Claim	16/08/2023		
1129	Non-Influenza 🛆	lxiaro	Signed Consent	Claimed	Claim	New Immuniza	ation	N	1
1127	Non-Influenza		Refused by Patient	No Product Applicable	No Fe	Add Epinephrine shot			
4007			Day of Bart			Aud Epinephili	ie snot		

Important: Select the specific immunization that triggered the adverse reaction. The epinephrine administration will be linked to this record.

Step 3: Complete Immunization Data Entry

The Immunization Data Entry window opens, displaying all required fields on a single screen

Immunization Data Entry window for epinephrine (Paper mode)



Product Information

Field	Description	Example/Notes
Product*	Epinephrine product administered	Select from dropdown (e.g., EpiPen, EpiPen Jr.)
Disp Qty*	Quantity administered	Typically 1
Route*	Administration route	Intramuscular (IM), Subcutaneous (SC)
Lot Number*	Product lot number	From epinephrine packaging

Field	Description	Example/Notes
Expiry Date*	Product expiration date	From epinephrine packaging

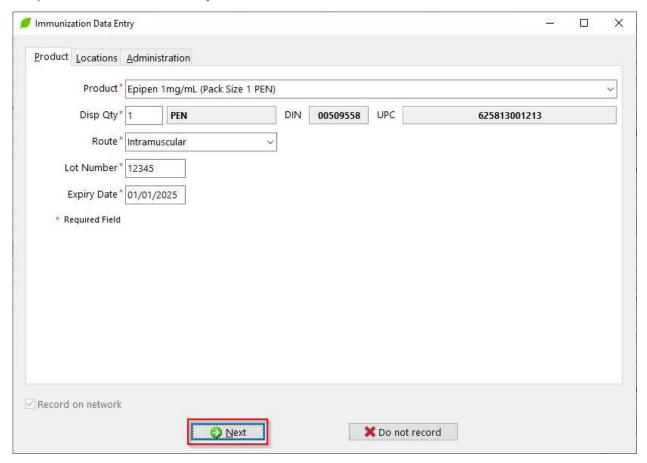
Administration Information

Field	Description	Example/Notes
Date of admin*	Date epinephrine was administered	Auto-populated with current date/time (editable)
Administered by*	Healthcare provider who administered	Select from dropdown (Edit > Users and Groups)
Administration site*	Injection location	Select from dropdown (e.g., Left thigh, Right thigh)

All fields marked with an asterisk (*) must be completed before you can proceed.

Click Next.

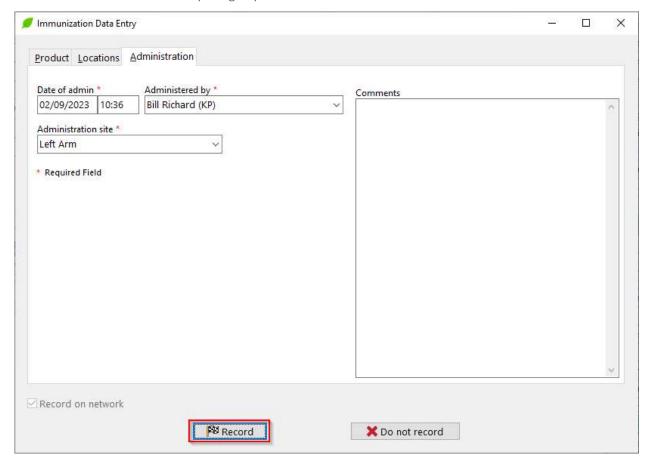
Completed Immunization Data Entry fields



Step 4: Administration tab

- 1. Enter the required information indicated by an *
- 2. Click Record

Record button enabled after completing required fields



What happens: The system saves the epinephrine administration and links it to the immunization record.

Step 5: Bill Epinephrine Administration

After clicking Record, the F12 Fill Rx screen opens with the epinephrine pre-populated

- 1. Verify all information is correct:
 - Product matches the epinephrine administered
 - Quantity is correct
 - Date/time reflects the emergency administration
- 2. Complete the prescription filling process

Step 6: Notify Patient's Prescriber

Important: In Paper mode, prescriber notification is not available for the Emergency Epinephrine administration.

Manual notification required:

- 1. Contact the patient's primary healthcare provider by phone, fax, or secure messaging
- 2. Inform them of:
 - The adverse reaction
 - Epinephrine administration
 - Patient's current condition
 - Any follow-up care provided
- 3. Document the notification in the patient's pharmacy records

Alternative: Generate a notification letter using your pharmacy's standard procedures.

Recording an Immunization from the F12 - Fill screen

This workflow allows you to process immunizations using the standard prescription filling screen (F12 Fill Rx) instead of the dedicated Immunization module. When you fill an immunization product, Kroll automatically prompts you to complete the immunization documentation.

When to Use This Method:

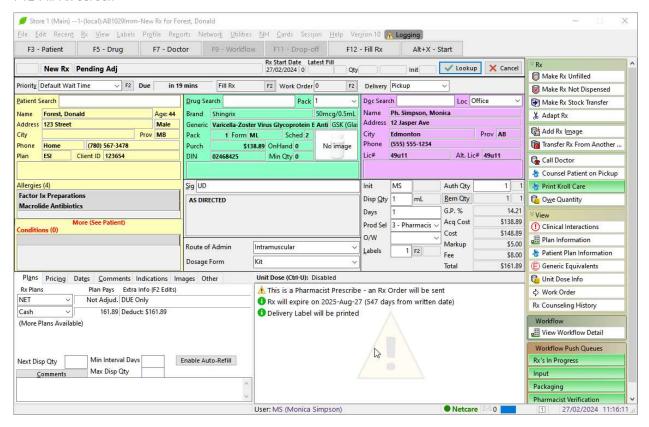
- You prefer the traditional prescription filling workflow
- You're processing immunizations alongside other prescriptions
- You're more familiar with F12 Fill than the Immunization module
- You want to bill the product first, then complete immunization details

Result: The immunization is documented and transmitted to Imm/ARI and PIN,

Step 1: Open F12 Fill Rx Screen and complete prescription

- 1. Access the prescription filling screen and enter all the details.
- 2. Click F12 Fill Rx (or press F12)

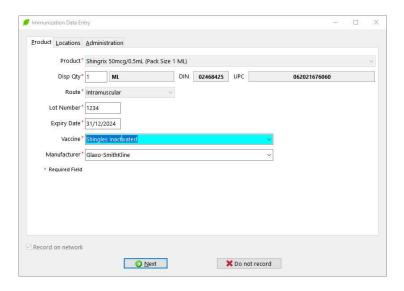
F12 Fill Rx screen

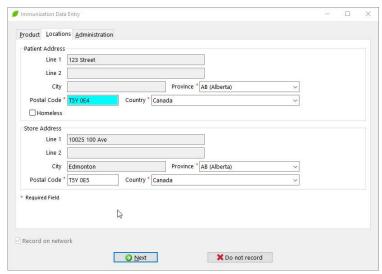


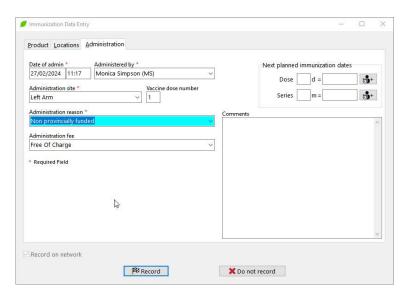
Step 2: Immunization Data Entry Window Appears

After successfully filling the prescription, the **Immunization Data Entry** window automatically displays. Once all required fields are entered, click **Next** to proceed and complete through the Location and Administration tabs then finally click **Record**.

The prescription and immunization are now recorded on PIN and Imm/ARI







Step 3: Verify Successful Transmission

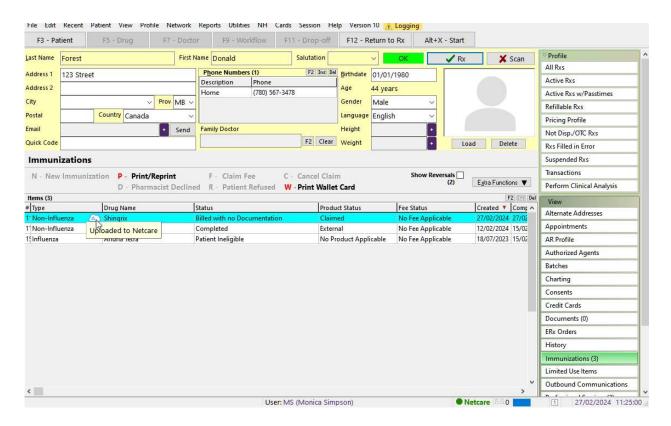
After completing all steps:

- 1. Navigate to the patient's Immunizations module
- 2. Locate the newly created immunization record
- 3. Verify the cloud symbol () appears next to the record

Cloud Symbol Indicates:

- \checkmark Immunization successfully uploaded to Imm/ARI and PIN
- Ø Data transmission complete
- Record is now part of the provincial immunization registry

Immunization record with cloud symbol



Completing Immunizations that are 'Saved for Later'

Call up a patient using **F3 – Patient** search or select an immunization from the **F9 – Workflow** screen. On the right-hand ribbon, under the **View** section, select **Immunizations**.

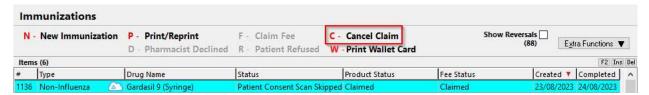
- Call up the Patient Profile using F3 Patient or selecting an incomplete immunization in F9-Workflow.
- 2. On the right-hand ribbon, select Immunizations.
- 3. Highlight the immunization (hit spacebar)
- 4. Type 'F' to Call up and complete the immunization as outlined in previous steps.

Imr	nunizations P.	Print/Reprint F - Call up C - Cancel Claim										
11111	Immunizations D - Pharmacist Declined R - Patient Refused space - Mark Rxs											
#	Patient	Туре	Status	Product Status	Fee Status	Created	1					
4	Ditschun, William Paul	Non-Influenza	Signed Consent	Reversed	Not Completed Yet	05/06/2023	1					
1020	Ditschun, William Paul	Non-Influenza	Patient Consent Scan Skipped	Reversed	Not Completed Yet	14/06/2023						
1026	Ditschun, William Paul	Non-Influenza	Patient Consent Scan Skipped	Reversed	Not Completed Yet	14/06/2023						
1030	Kelly-Winnicki, Gyongyi Braedan	Non-Influenza	Patient Consent Scan Skipped	Reversed	Not Completed Yet	16/06/2023						
1031	Kelly-Winnicki, Gyongyi Braedan	Non-Influenza	Patient Consent Scan Skipped	Reversed	Not Completed Yet	16/06/2023						
1032	Kelly-Winnicki, Gyongyi Braedan	Non-Influenza	Patient Consent Scan Skipped	Not Completed Yet	Not Completed Yet	16/06/2023						
1088	Forest, Donald	Non-Influenza	Patient Consent Scan Skipped	Reversed	Not Completed Yet	22/06/2023						
1089	Forest, Donald	Non-Influenza	Patient Consent Scan Skipped	Reversed	Not Completed Yet	22/06/2023						
1090	Forest, Donald	Non-Influenza	Patient Consent Scan Skipped	Reversed	Not Completed Yet	22/06/2023						
1091	Forest, Donald	Non-Influenza	Patient Consent Scan Skipped	Reversed	Not Completed Yet	22/06/2023						
1092	Forest, Donald	Non-Influenza	Patient Consent Scan Skipped	Reversed	Not Completed Yet	26/06/2023						
1096	Forest, Donald	Non-Influenza	Patient Consent Scan Skipped	Reversed	Not Completed Yet	27/06/2023						
1101	Forest, Donald	Non-Influenza	Patient Consent Scan Skipped	Reversed	Not Completed Yet	27/06/2023						
1114	Ditschun, William Paul	Non-Influenza	Patient Consent Scan Skipped	Reversed	Not Completed Yet	11/07/2023						
1115	Ditschun, William Paul	Non-Influenza	Patient Consent Scan Skipped	Reversed	Not Completed Yet	12/07/2023						
1123	Test, Patient	Non-Influenza	Pending	Not Completed Yet	Not Completed Yet	11/08/2023						
1130	Forest, Donald	Non-Influenza	Printed Consent	Pending Claim	Pending Claim	16/08/2023						
1132	Forest, Donald	Non-Influenza	Patient Consent Scan Skipped	Reversed	Not Completed Yet	17/08/2023						
1136	Forest, Donald	Non-Influenza	Pending	Not Completed Yet	Not Completed Yet	23/08/2023	1					
1129-1	Forest, Donald	Emergency Epinephrine	Signed Consent	Pending Claim	No Fee Applicable	16/08/2023	1					

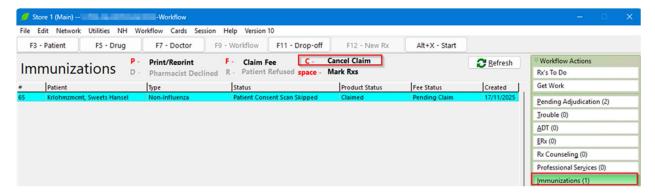
Cancelling a Vaccine

A Vaccine can be cancelled from either the **F3 - Patient** or the **F9 - Workflow** screen. However, an immunization that is completed entirely will no longer appear in **F9 - Workflow** under the **Immunizations** tab and must be cancelled from the Patient immunization screen.

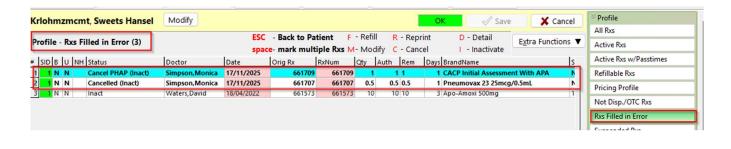
F3-Patient/Immunization



F9-Worklow/ Immunization

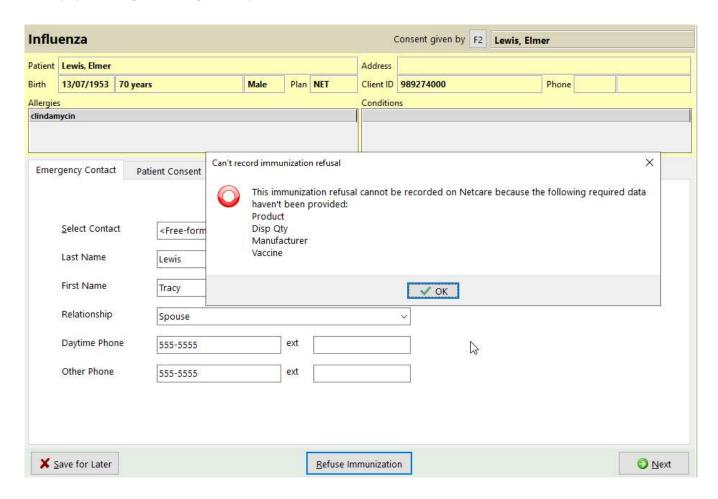


- Call up the Patient Profile using F3 Patient or selecting an incomplete immunization in F9-Workflow.
- 6. On the right-hand ribbon, select Immunizations.
- 7. Highlight the appropriate immunization record and select **C Cancel Claim**. The claim will begin the reversal process without further prompting.
- Note: If a Fee for Service was billed for the Immunization, the fee portion of the record will be reversed first, and then the immunization product will be reversed thereafter. These reversals are found under the *Rxs Filled in Error* profile on the patient card.

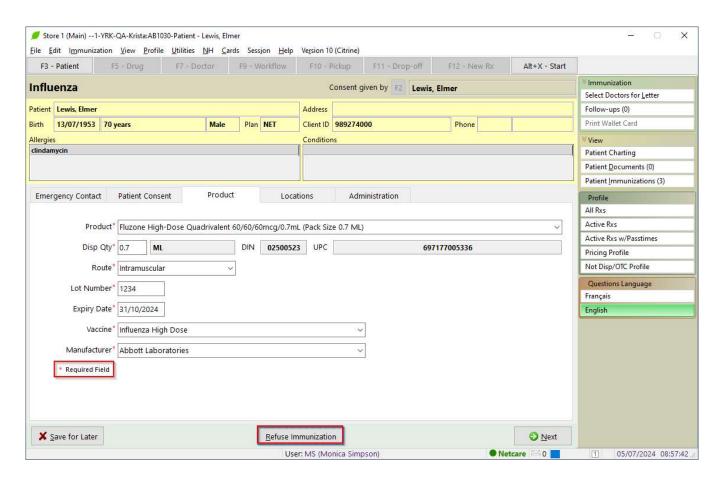


Refused Immunizations

All refused Immunizations must be recorded on the Immunization Network. The patient or pharmacist may refuse an immunization that is not completed at any time, however, if the immunization is not recorded on the network first, an error will display indicating the missing data required.

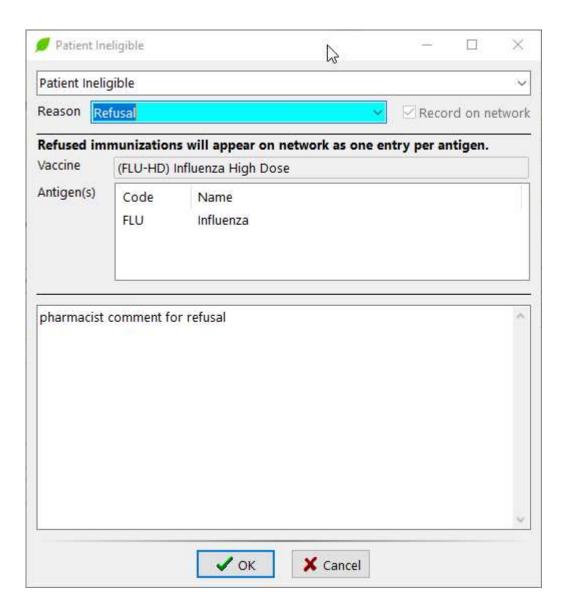


Choose **OK** on this message and select Next to continue to the **Product** tab. On this tab enter the required information and then select **Refuse Immunization**.

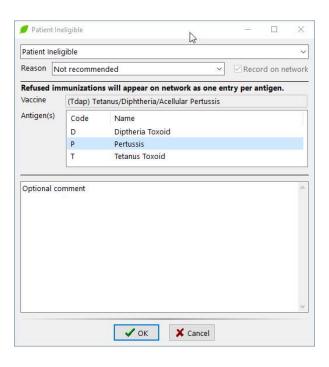


The Patient Ineligible form opens, allowing the user to select from Declined by Pharmacist, Patient Refused or Patient Ineligible and then select a Reason. This will be recorded on the network.

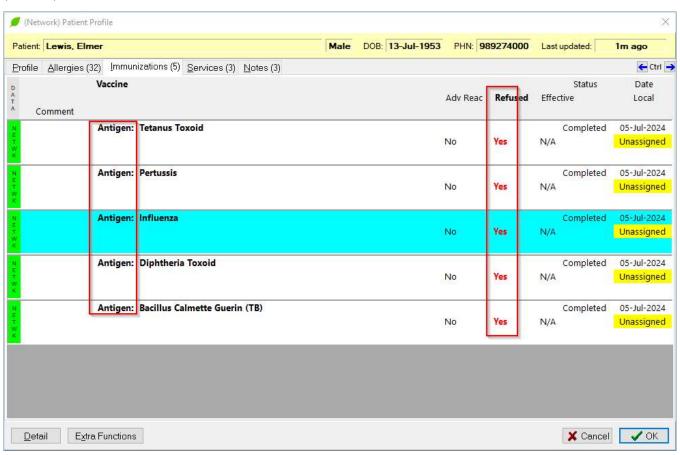
Refused Immunizations will appear on network as one entry per antigen after selecting OK.



If an immunization has more than one antigen, it will be recorded on the network as refused for each antigen.



(Network) Patient Profile



Immunization Batch Lookup

What is Immunization Batch Lookup?

This tool allows you to locate immunization records that were initially accepted by Imm/ARI but later rejected during validation processing. When the network identifies issues with submitted immunizations, you will receive notification with batch numbers to help identify and correct the affected records.

When to Use This Feature:

- You receive a rejection notification email from Alberta Health
- Immunizations were initially accepted but later flagged for errors
- You need to locate specific immunization records by batch number
- You must correct and retransmit rejected immunizations

Why this happens: Imm/ARI performs additional validation after initial submission. Issues discovered during this process trigger rejection notifications, even though the submission appeared successful initially.

Understanding Rejection Notifications

Email Source:

Rejection notifications are sent from Alberta Health's Imm/ARI system.

Email contains:

- Batch Number(s): Unique identifier for the affected immunization submission
- Rejection Reason(s): Description of the validation error
- Patient Information: May include partial patient details (depending on the error)
- Instructions: Guidance on correcting and resubmitting

Sample Email:

Sample rejection notification email from Alberta Health

Outstanding Rejection Report for Delivery Management Site - Alternate Kroll Pharmacy

This is an automated email. Please do not reply to this email.

For any information, please reach out to ImmARI business team at ______@gov.ab.ca

Have a nice day.

tanding Immunization Events rejection:						
	Batch Number	Date Submitted	Immunization Date	Vaccine Code	Error Code	Reason for Rejection
	8	2 2023/05/03	2023/05/03	FLU-HD	11040	The Country Code must be reported.
	8	2023/05/03	2023/05/03	DA	11040	The Country Code must be reported.
	10	2023/05/04	2023/05/04	FLU	11040	The Country Code must be reported.
	10	2 2023/05/04	2023/05/04	HABV	11040	The Country Code must be reported.
	26	2023/05/17	1945/09/21	FLU-HD	15100	Must be a valid Vaccine Code.
	26	2023/05/17	1945/09/21	FLU-HD	15120	Must be a valid Manufacturer Code for the reported Immunization Date.
	26	2023/05/17	1945/09/21	FLU-HD	15420	Must be a valid Reason for Immunization for the reported Vaccine Code.
	26	2023/05/17	1945/09/21	FLU-HD	15460	The Immunization Date must be greater than or equal to the patient's Birth Date.
	29	3 2023/05/23	2023/05/23	FLU	14140	The Province Code must be reported if the Country Code is Canada.
	31	2023/05/29	2024/05/29	COVPBmRNA	15470	The Immunization Date must be less than or equal to today's date.
	32	2023/06/01	2023/05/25	RAB	15130	Must be a valid Delivery Organization of Service Code for the reported Immunization Date.
	32	3 2023/06/02	2008/02/10	Anth	15460	The Immunization Date must be greater than or equal to the patient's Birth Date.
	32	2023/06/02	2000/06/02	Anth	15460	The Immunization Date must be greater than or equal to the patient's Birth Date.
	33	2023/06/02	2000/06/02	Anth	15460	The Immunization Date must be greater than or equal to the patient's Birth Date.
	49	2 2023/07/07	2023/07/07	MMR-Var	15090	Must be a valid Reason For Immunization Code.
	49	2 2023/07/07	2023/07/07	MMR-Var	15420	Must be a valid Reason for Immunization for the reported Vaccine Code.
	49	3 2023/07/07	2023/07/07	BCG	15090	Must be a valid Reason For Immunization Code.
	49	3 2023/07/07	2023/07/07	BCG	15420	Must be a valid Reason for Immunization for the reported Vaccine Code.
	54	2 2023/07/13	2023/07/13	FLU	15420	Must be a valid Reason for Immunization for the reported Vaccine Code.
	132	2022/10/28	2022/10/27	DTaP-IPV	15540	The Immunization Date must be less than or equal to the service patient's date of death.

Common Rejection Reasons:

Rejection Reason	Description	Common Cause
Invalid vaccine code	Vaccine type doesn't match product	Incorrect vaccine selection in Product tab
Invalid lot number	Lot number format incorrect	Typo or invalid characters in lot number
Expired vaccine	Expiry date has passed	Vaccine administered after expiration
Invalid administration site	Site code not recognized	Incorrect selection from dropdown
Missing required field	Mandatory data not provided	Incomplete data entry
Duplicate record	Immunization already exists	Record submitted multiple times
Invalid patient information	Patient demographics don't match	PHN or demographic mismatch

Step-by-Step: Using Immunization Batch Lookup

Step 1: Receive and Review Rejection Email

- 1. Check your pharmacy email for notifications from Alberta Health
- 2. Locate the rejection notification email

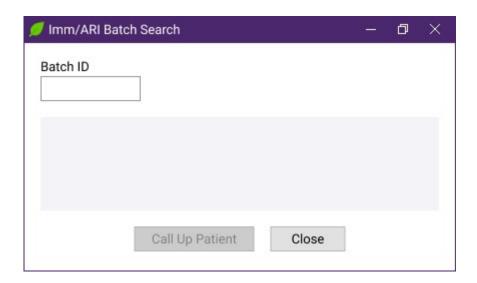
- 3. Identify the following information:
 - Batch Number (required for lookup)
 - Rejection Reason (explains what needs correction)
 - Patient details (if provided)

Important: Keep the email for reference. You will need the rejection reason to correct the issue.

Step 2: Access Immunization Batch Lookup

- 1. From the Kroll main menu, navigate to Network > Immunization Batch Lookup
- 2. The Immunization Batch Lookup window opens

Imm/ARI Immunization Batch Lookup Search



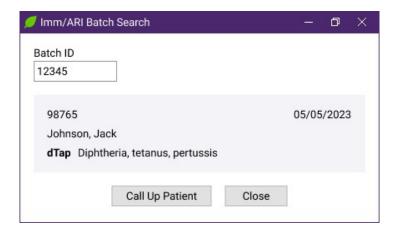
Step 3: Enter Batch Number

1. In the Batch ID field, enter the batch number from the rejection email

Step 4: Retrieve the Record

- 1. Click Call Up Patient
- 2. The system searches for the immunization record linked to the batch number
- 3. The corresponding patient and immunization record display

Imm/ARI Batch search with Batch ID field



To Correct a Vaccine noted on the Imm/ARI Batch

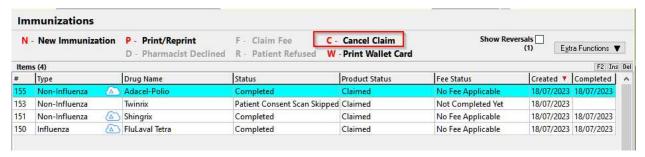
Step 1: Access Patient Immunization History

- 1. Press **F3** to search for and open the patient profile
- 2. In the right-hand ribbon under View, select Immunizations
- 3. The patient's immunization history displays

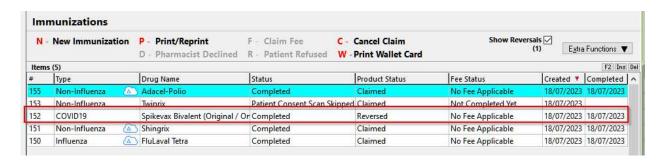
Step 2: Locate the Rejected Immunization

- 1. Review the immunization list
- 2. Identify the rejected immunization record using:
 - Date of administration (from rejection email or Batch Lookup)
 - Vaccine type (matches the rejected record)
 - Status indicators (may show error or pending status)
- 3. Highlight the rejected immunization record

Rejected immunization record highlighted



Tip: The rejected record may not have a cloud symbol (-), indicating failed transmission to Imm/ARI.



Step 3: Cancel the Rejected Claim

- 1. With the rejected immunization highlighted, select Cancel Claim
 - Method A: Click the Cancel Claim button
 - Method B: Right-click and select Cancel Claim from the menu
 - Method C: Use the keyboard shortcut (if available)

Step 4: Complete Prescription Details with corrections

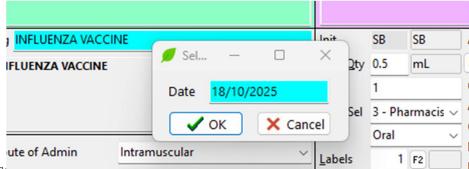
Enter all prescription information in the F12 Fill Rx screen:

- 1. Select the correct **Product** (immunization vaccine)
- 2. Enter Quantity (typically 1)
- 3. Complete all required fields
- 4. Do NOT click F12-Fill Rx yet
- 5. Backdate the Prescription

Important: The prescription must be backdated to the original administration date.

6. The Back Date Rx dialog appears

- 7. Enter the original administration date (the date the vaccine was actually given to the patient)
 - 1. Use the date from the cancelled immunization record
 - 2. This should match the date in the rejection email or Batch Lookup results
- 8. Click OK



Back Date Rx dialog with date entry

Why this matters: Backdating ensures the immunization appears in the patient's provincial record with the correct historical date, maintaining an accurate immunization timeline.

9. Complete Prescription Filling

- · Verify the prescription date now shows the backdated date
- Click F12-Fill Rx to continue
- Complete the prescription filling process as normal
- Process adjudication (if applicable)

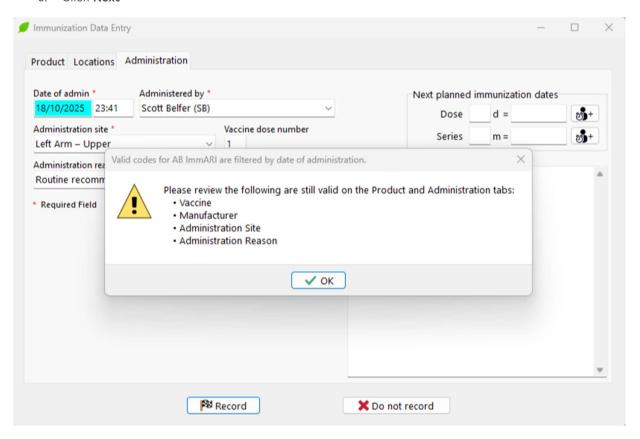
Step 5: Complete Immunization Data Entry

The **Immunization Data Entry** window appears (if using F12 Fill method) or continue through the immunization module ta bs.

Product Tab:

- 1. Complete all required fields:
 - Lot Number (verify accuracy this may have been the error)
 - Expiry Date (verify accuracy)

- Vaccine (ensure correct vaccine type is selected)
- Manufacturer
- Change the date to the original administered date for the patient.
- 2. Double-check the corrected field that caused the original rejection
- 3. Click Next

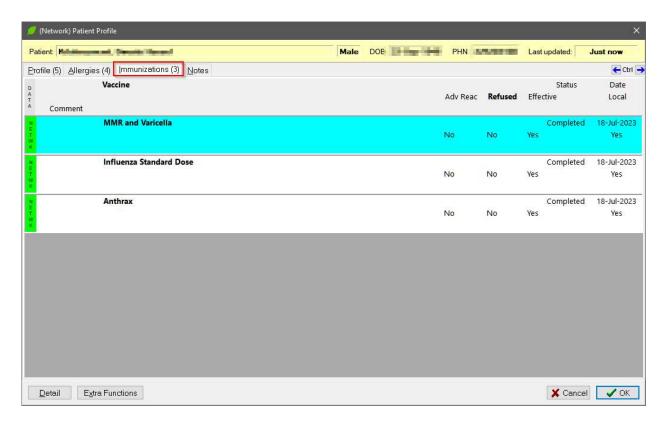


Step 6: Record the Corrected Immunization

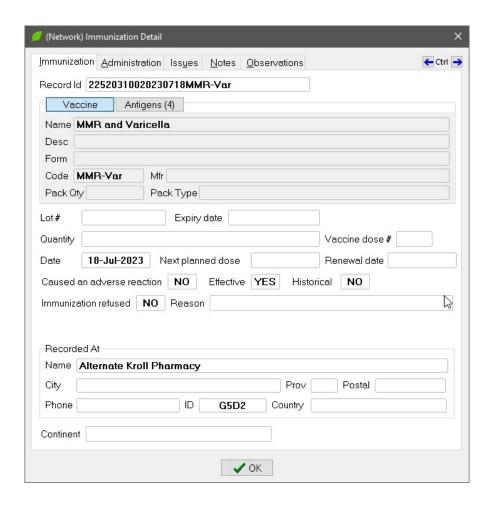
- 1. After validating all data is correct, click Record
- 2. The system saves the immunization and transmits to Imm/ARI
- 3. Complete any additional prompts:
 - Administration fee billing (F12 Fill screen appears if fee selected)
 - Immunization follow-up options
 - Print immunization record prompt

Network Patient Profile

The patient's immunization claims are viewable on the (Network) Patient Profile under the Immunizations tab.



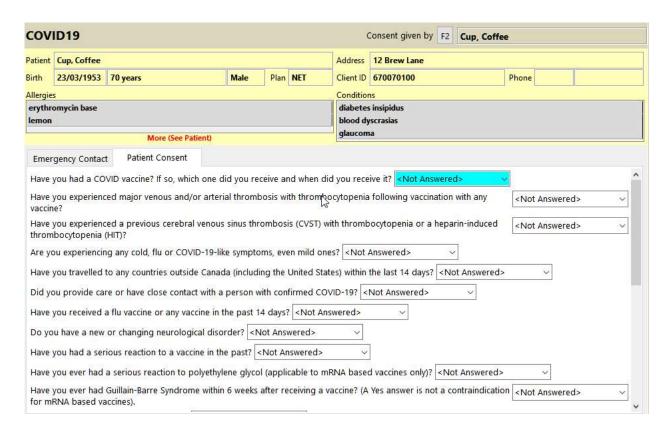
To display additional information detail the vaccine, press 'D' and the (Network) Immunization Detail window opens.



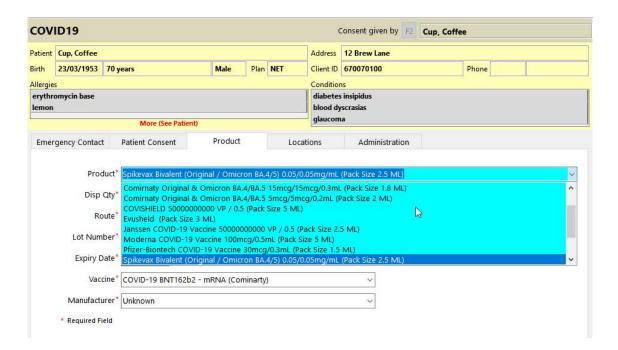
Influenza and Covid-19

This user guide has been created towards inserting **Non-Influenza** drug products. The Influenza and COVID-19 immunizations will follow the same workflow with the following differences:

• The Patient Consent questions are aligned with the appropriate Immunization.



The list of products available for selection will be specific to the Immunization workflow chosen.



Status Types

Status

- · Completed: The immunization has been completed and the claim has been recorded.
- Completed Paper: The immunization has been completed in Paper mode.
- Declined by Pharmacist: The immunization has been declined by the pharmacist; no claim has been sent to the network.
- Patient Consent Scan Skipped: The patient consent has not yet been scanned; claim has not been sent to the network.
- Pending: The immunization is incomplete or has been marked as 'Saved for Later'; no claim has been sent to the network
- Printed Consent: The patient consent form has been printed, but not scanned back into the system; no claim has been sent to the network (*Paper mode* only).
- Ready for Administration: An Emergency Epinephrine shot function has been initiated, but is incomplete or has been marked as 'Saved for Later'; no claim has been sent to the network
- Refused by Patient: The immunization has been refused by the patient; no claim has been sent to the network.
- · Signed Consent: The patient consent form has been scanned back into the system.

Product Status

- · Claimed: The immunization or Emergency Epinephrine shot is complete; claim has been sent to the network.
- Not Completed Yet: The immunization or Emergency Epinephrine shot is incomplete or has been marked as 'Saved for Later'.
- No Product Applicable: The immunization or Emergency Epinephrine shot has been declined by the pharmacist or
 refused by the patient. No product has been administered nor has a claim been sent to the network.
- · Pending Claim: The immunization or Emergency Epinephrine is complete; claim has not been sent to the network.

Fee Status

- No Fee Applicable: When filling an immunization product, selecting 'Free Of Charge' in the *Administration fee* field will automatically waive the fee portion.
- Not Completed Yet: The Immunization or Emergency Epinephrine shot is incomplete or has been marked as 'Saved for Later'.
- Pending Claim: The Immunization or Emergency Epinephrine shot is complete; claim for Fee for Service has not been submitted.