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la traduction

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Vaccine Dispensing (for COVID-19 & other vaccines)

This work was kindly sponsored by the New Zealand Ministry of Foreign Affairs and Trade

This chapter describes the main dispensing process. Other relevant pages include:

- Setup instructions
- Recording Adverse Drug Reactions
- Dashboards for Vaccination Monitoring

Introduction

mSupply mobile has handled dispensing since 2019, and cold chain equipment monitoring since version 7 (March 2021).

Now it also has a specific workflow for vaccine dispensing. This differs from normal dispensing in several important ways

- Patient registration collects a lot more data than what is typically required for dispensing a prescription, such as
 - Has the patient ever had Covid-19 before?
 - Is the patient pregnant?
 - Is the patient lactating?
 - $\circ\,$ Has the patient ever had an adverse reaction to a vaccine previously?
- The dispensing workflow is greatly simplified
 - When an existing patient is chosen, the extra information fields are chosen, as many of them are time-dependent, so the current value for the field might be different from the saved value. For instance, the patient might not have been pregnant when they were recorded in the system some weeks or months ago, but they are now.
 - $\circ\,$ Only items marked as vaccines are shown, so there is no need to type in the item name-you simply choose from the list.
 - $\circ\,$ The dispensed quantity is always one, so no quantity field needs filling out.
 - $\circ\,$ The vaccine batch and VVM status are shown, and the batch used can be selected.
 - $\circ\,$ If using multi-dose vials, the batch with an open vial is chosen by default.
 - $\circ\,$ You can record that the patient refused vaccination.
 - $\,\circ\,$ You can record who the vaccinator was.
- Adverse Reaction Reporting is added to the system.
 - The adverse reaction reporting data that is collected is configurable on the server, so can vary depending on the vaccination campaign being run at the time. Further documentation is available here

Last update: 2021/04/06 fr:mobile:user_guide:vaccine_dispensing https://wiki.msupply.foundation/fr:mobile:user_guide:vaccine_dispensing?rev=1617680821 03:47

Setup

Setup is technical and needs to be done carefully. We know you're careful

Here are the instructions

Using the module

Once Setup is complete, you'll end up with an mobile navigation screen that looks like this:

	* **	Supply	SYNC ENABLED 📥 🛱 🔊
	Customer Invoices Customer Requisitions Dispensing		Supplier Invoices Supplier Requisitions
	Current Stock Stocktake		Vaccinations
U LOG OUT			SETTINGS

Step one: Patient details

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	0	2	
Step: 1 Select a patient			Search online New Patient
Last name	FIRST NAME	LAST NAME	D.O.B
First name		Enter the patient's details to start	searching for them
Date of birth			
Cancel			

Note that each step has a **Cancel** button which will cancel the process You can also press on any one of the three steps along the top of the window after they've been completed to revisit that step and edit details if needed.

Selecting a patient

- Search by last name, first name and Date of birth
 - In the example below, we've entered the first and last name exactly, and the date of birth. Amazingly, there is only one match!
- When typing, we look up in your local database first. If the patient still doesn't come up, click the **Search online** button, which will use the same search information you have already entered and send a request to your cloud server to see if the patient exists anywhere in your system.
 - NOTE: Requires the internet
 - $\circ\,$ If you still can't find the patient, click "New Patient"
 - $\circ\,$ If you do find your patient, click on the row to go to step 2

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		mSupply	SYNC ENABLED
	•	2	
tep: 1 Select a patient			Search online New Patient
Last name Griffin	FIRST NAME	LAST NAME	D.O.B
First name	Joshua	Griffin	25 Jun 1989
Joshua	_		
25/06/1989	1		
22/06/1989			

Step two: Add or edit patient information

2025/08/07 18:32 5/7	Dispensation des vaccins (pour la COVID-19 et d'autres vaccins)			
<	* mSupply	SYNC ERROR. LAST SYNC 18.3.2021 🛛 📥 🛱 🗟		
0	0			
Step: 2 Edit the patients details	Extra inform	nation		
Last name Is required Griffin First name Is required Joshua Date of birth Is required 25/06/1989 Email	Previous serious allergic Has the patient had an Yes Previous adverse events Has the patient had an Yes R Currently Pregnant Is the patient currently	reactions by serious allergic reactions in the past? No v dowing immunisation by adverse effects following an immunisation in the past? No		
Phone Address 1 Address 2	Currently Lactating Is the patient currently Yes Covid 19 Status Ever tested positive for O Has the patient ever te	v lactating? No COVID-19 sted positive for COVID-19?		
Cancel		Next		

After choosing a patient, you're shown the standard mSupply information for the patient in the lefthand panel, and any extra information that you have configured in the right-hand panel.

Step three: Dispense a vaccine

- Here you can select who the vaccinator is these will be set up on your primary server
- You can also select which vaccine you are giving to the patient. The one which was dispensed most recently will be auto-selected for you.
- You can also select which batch the patient received. The batch which is open and with the most recent expiry will be auto-selected for you.
- Alternatively, you can select REFUSE VACCINE which will note that the patient refused to be vaccinated
- Tapping **Confirm** will send you back to the menu page.
- Tapping OK & Next will allow you to vaccinate another patient.

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		⊘	•		0		
Step: 3 Selec	ct the vaccine						
Vaccinator VA Vaccine AE	DMINISTRATOR	•			Patient Joshua Griffin	Rei	used vaccine
Vaccines				Available batches			
CODE	NAME		QUANTITY	BATCH NAME	PACKS	DOSES	EXPIRY
vl	Vaccine 1		10000	supplier_invoice1	10000	10000	N/A
v2	Vaccine 2		100				

Refused vaccinations

If the patient refuses to be vaccinated, then check the **Refused vaccine** checkbox at top-right.

			💃 m S	Supply		SYNC ENABLED \blacksquare \rightleftarrows
					\bigcirc	
Step: 3 Selec	ct the vaccine					
Vaccinator VA Vaccine AI	DMINISTRATOR	•			Patient Joshua Griffin	Refused vaccine 🗸
Vaccines				Available batches		
CODE	NAME		QUANTITY	BATCH NAME	PACKS	DOSES EXPIRY
vl	Vaccine 1		10000			
v2	Vaccine 2		100			
Cancel					Confirm	OK & Next

A note will be recorded on the patient's file with the date of refusal.

Adverse Reactions

You can record an adverse drug reaction (ADR), or specifically in this case, an Adverse event from immunisation (AEFI). As this is not restricted to vaccines, the functionality is described in a separate page here

