



Pharmacy Information System (PhIS) and Clinic Pharmacy System (CPS)

User Manual PhIS Plus

Vaccine Management

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Name	Role / Designation	Organization	Signature & Date
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1.0 Introduction

1.1 Overview of PhIS Plus

Pharmacy Information System Plus or better known as PhIS Plus is a complete and comprehensive system for health care sector, which includes a centralized vaccine management platform that can manage mass vaccination by including Vaccine Centralized Procurement and Vaccine Distribution process

1.2 Purpose and Objectives

This user manual outlines the PhIS Plus and its key features and functionalities. The primary objective is to help guide users through the process of completing the application process.

User will understand the following activities in details:

- Receiving and Serialization
- Serialization Management

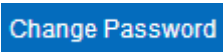
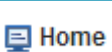
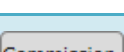
1.3 Organised Sections

These are the sections within this document:

- Section 1 : Introduction
- Section 2 : Application Standard Features
- Section 3 : Vaccine Management
- Section 4 : Acronyms

2.0 Application Standard Features

2.1 PhIS Plus Legend

Standard Legend			
	Login to PhIS		Logout from PhIS
	Change Login Password		Reset Login Screen
	Expand Menu		Collapse Menu
	Display Home Tab		Expand Module
	Collapse Module		Close All Open Tabs
	Refresh Screen		Search Record
	Add/Create New Record		Commission
	Confirm		Mandatory Field
	Calendar Icon		Cancel
	Close Window		Save
	Reject Transaction		Reject All
	Release All		Clear
	Release		Serialize

3.0 Vaccine Management

Overview

Vaccine Management modules consist of two (2) function which is Receiving and Serialization management. This is a process of assigning a unique serial number for each of vaccine product received from supplier.

User Group

This module is intended for user at PSV (Pusat Simpanan Vaksin)

Functional Diagram

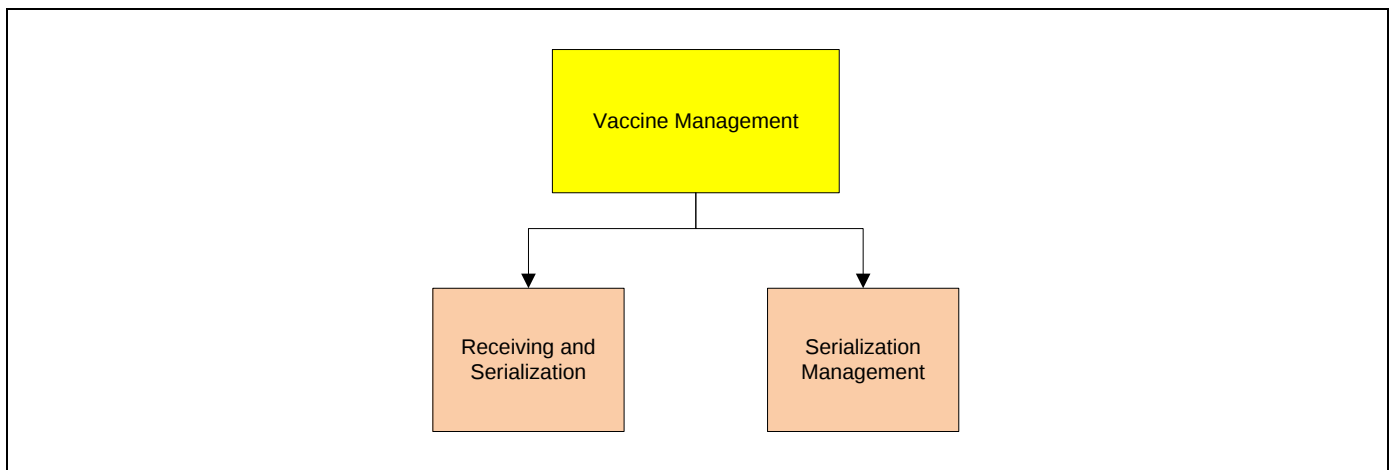


Figure 3.0-1

3.1 Login to IWP

To log in to receiving and serialization, follows step below:

Note

- PSV (Pusat Simpanan Vaksin) facility that using PhIS & CPS will log in to IWP to perform Receiving and Serialization process
- PSV (Pusat Simpanan Vaksin) facility that not using PhIS & CPS, users account need to be created in IWP in order to access and perform Receiving and Serialization process

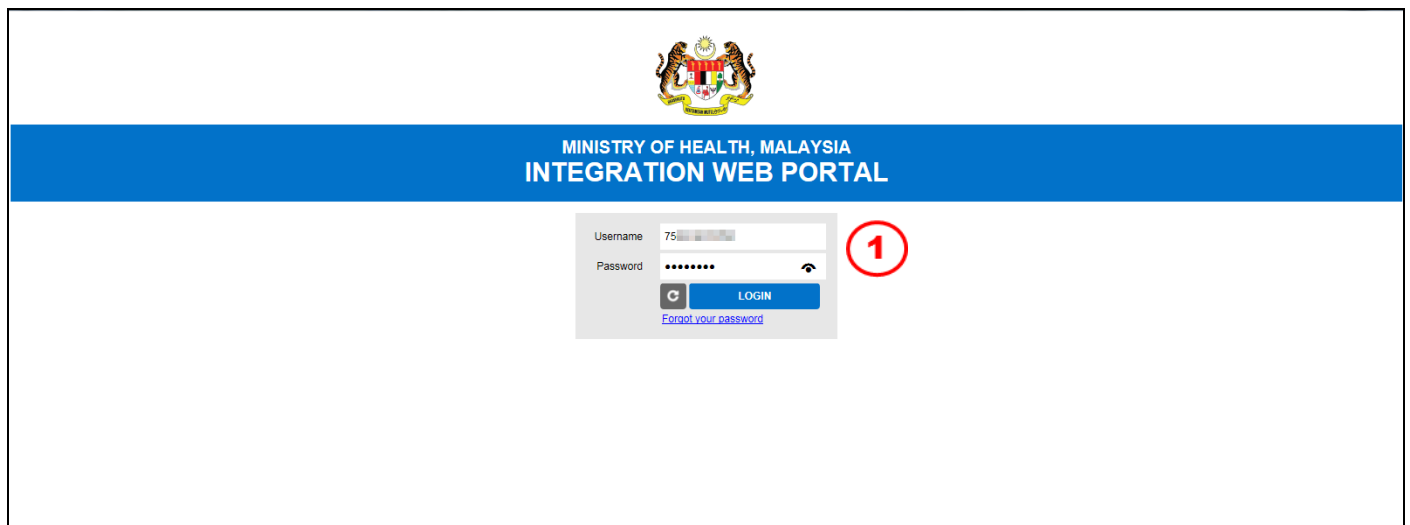
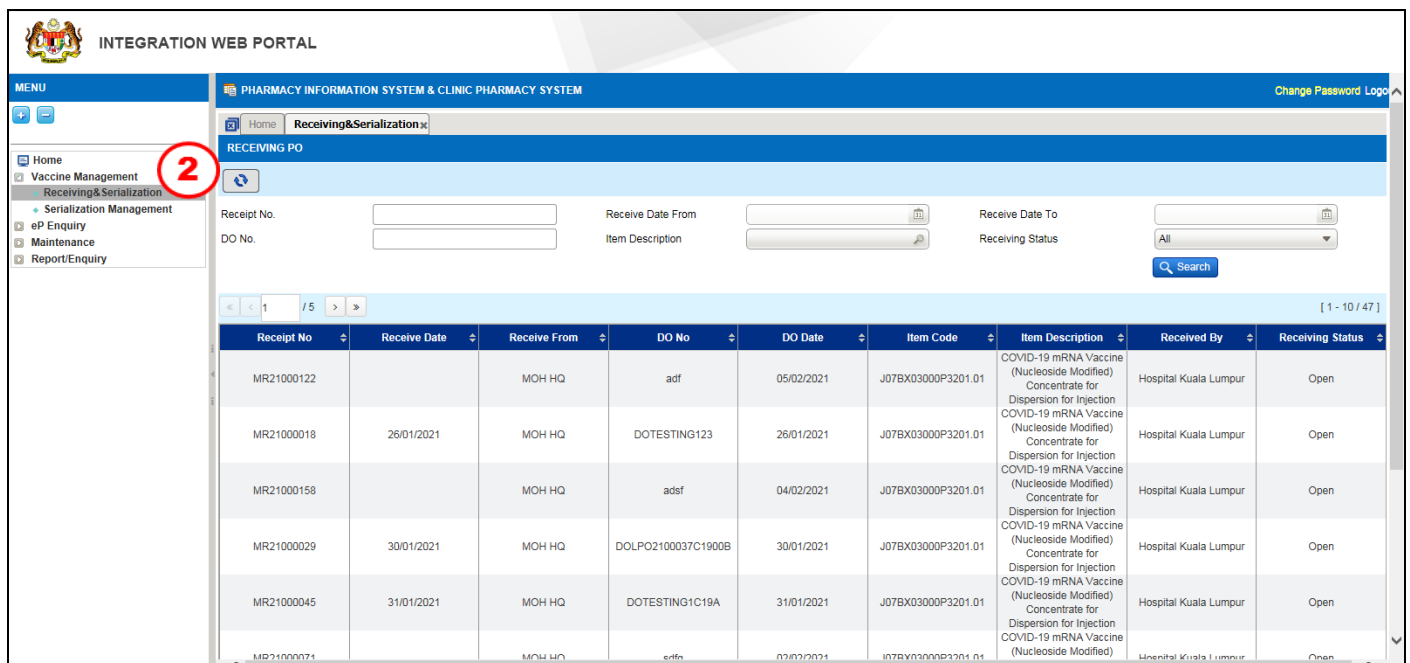


Figure 3.1-1 Login to IWP

STEP 1

Enter **Username** and **Password** then click on the button. IWP screen will be displayed as Figure 3.1-2



Receipt No.	Receive Date	Receive From	DO No.	DO Date	Item Code	Item Description	Received By	Receiving Status
MR21000122		MOH HQ	adf	05/02/2021	J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	Hospital Kuala Lumpur	Open
MR21000018	26/01/2021	MOH HQ	DOTESTING123	26/01/2021	J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	Hospital Kuala Lumpur	Open
MR21000158		MOH HQ	adsf	04/02/2021	J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	Hospital Kuala Lumpur	Open
MR21000029	30/01/2021	MOH HQ	DOLPO2100037C1900B	30/01/2021	J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	Hospital Kuala Lumpur	Open
MR21000045	31/01/2021	MOH HQ	DOTESTING1C19A	31/01/2021	J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	Hospital Kuala Lumpur	Open
MR21000071		MOH HQ	edfn	02/02/2021	J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	Hospital Kuala Lumpur	Open

Figure 3.1-2 IWP Homepage

STEP 2

Go to 'Vaccine Management' menu

Note

There are two (2) sub module in Vaccine Management which is:-

- Receiving and Serialization
- Serialization Management

a) Receiving and Serialization

PHARMACY INFORMATION SYSTEM & CLINIC PHARMACY SYSTEM Change Password Logout

Home **Receiving&Serialization**

RECEIVING PO

Receipt No. Receive Date From Receive Date To
 DO No. Item Description Receiving Status Search

< 3 / 5 >

Receipt No	Receive Date	Receive From	DO No	DO Date	Item Code	Item Description	Received By	Receiving Status
MR2100045	31/01/2021	MOH HQ	DOTESTING1C19A	31/01/2021	J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	Hospital Kuala Lumpur	Open
MR21000103		MOH HQ	DO106	05/02/2021	J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	Hospital Kuala Lumpur	Open
MR21000165		MOH HQ	DO523326235	08/02/2021	J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	Hospital Kuala Lumpur	Open
MR21000115		MOH HQ	DO116	05/02/2021	J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	Hospital Kuala Lumpur	Open
MR21000077		MOH HQ	DO000123TEST	04/02/2021	J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	Hospital Kuala Lumpur	Rejected

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Figure 3.1-3 Receiving and Serialization

b) Serialization Management

MINISTRY OF HEALTH MALAYSIA INTEGRATION WEB PORTAL

PHARMACY INFORMATION SYSTEM & CLINIC PHARMACY SYSTEM Change Password Logout

Home **Serialization Management**

SERIALIZATION INTEGRATION MANAGEMENT

Commissioning Resend

Serial No. Batch No.
 Item Description Integration Status
 Do No. Search

< 1 / 7 >

	DO No.	Item Description	Batch No.	Serial No.	Integration Status	Reason
☐	DOTESTINGC190A1	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0009	6090911624107	SUCCESS	
☐	DOTESTINGC190A1	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0010	2909922324368	SUCCESS	
☐	DOTESTINGC190A1	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0010	8054803735725	SUCCESS	
☐	DOTESTINGC190A1	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0010	8300262226827	SUCCESS	
☐	DOTESTINGC190A1	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0011	4119589826285	SUCCESS	
☐	DOTESTINGC19F	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0017	2881256623343	SUCCESS	
☐	DOTESTINGC19F	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0017	7296467127369	SUCCESS	
☐	DOTESTINGC19F	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0020	3022115168890	SUCCESS	
☐	DOTESTINGC19F	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0019	1798018648961	SUCCESS	
☐	DOTESTINGC19F	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0019	3785260280235	SUCCESS	

[1 - 10 / 70]

Figure 3.1-4 Serialization Management

3.2 Receiving and Serialization

User will be navigated to the receiving and serialization listing page.

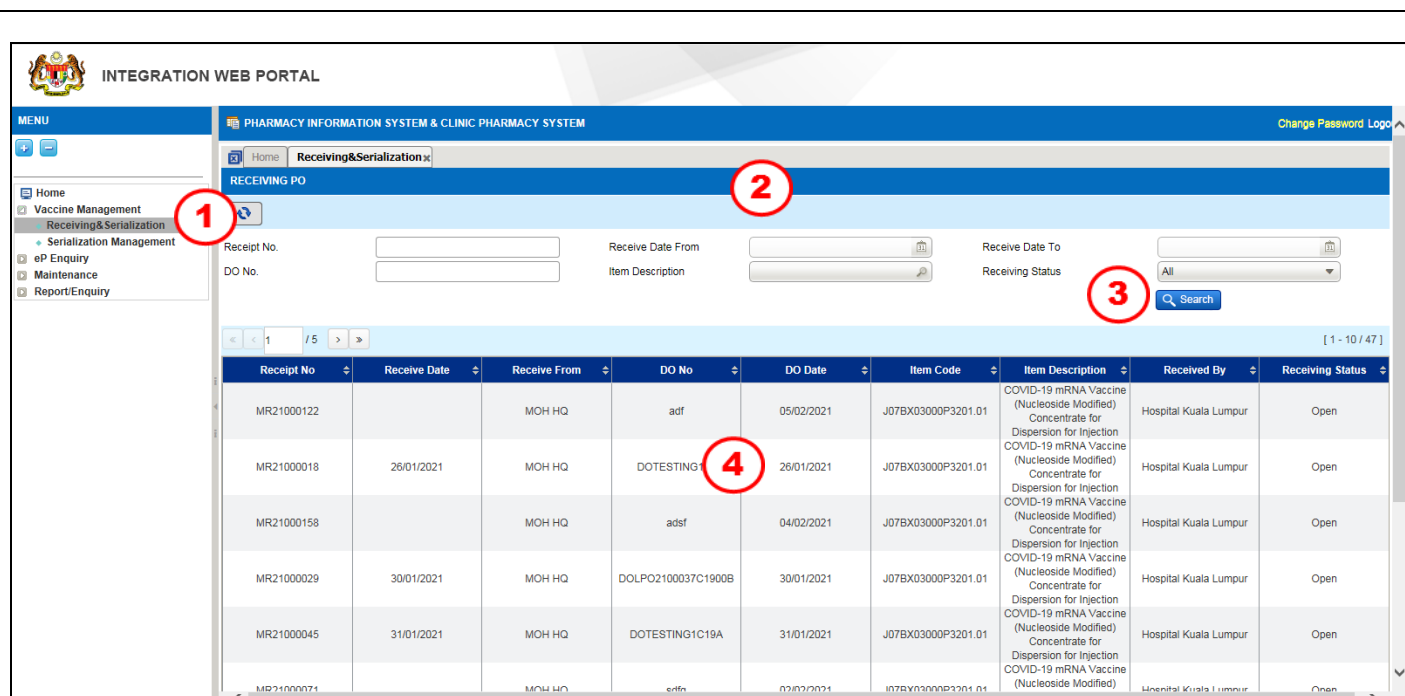


Figure 3.2-1 Receiving and Serialization

STEP 1

Go to 'Vaccine Management' menu and click on 'Receiving and Serialization' sub menu

Note

- List of records will be display based on the user login facility only
- List of records will be displayed Receiving Status as Open to proceed with receiving and serialization process

STEP 2

To search for existing records, user may search by criteria as follows:

No	Field	Description	Remark
a	Receipt No.	Receipt No	Allow user to filter and search Receipt No based on character
b	Do No.	Delivery Order No	Allow user to filter and search DO No based on character
c	Receive Date From	Search by selecting a date from the calendar	Filter and search existing records based on date. The date format will be 'DD/MM/YYYY'
d	Receive Date To	Search by selecting a date from the calendar	Filter and search existing records based on date. The date format will be 'DD/MM/YYYY'
e	Item Description	Search Item Description	Allow to search and filter based on Item Description selected
f	Receiving Status	Select status from drop down menu:- - All - Open - In Progress - Rejected - Closed	Filter and search existing records based on status

Table 3.2

STEP 3

Click on the  button to search and list of records will be displayed as per entered criteria

STEP 4

Double click on the records to open receiving and serialization screen as shown in figure 3.2-2

EXTERNAL RECEIVING AND SERIALIZATION

RECEIVING INFORMATION

Received No.

MR21000024

Created Date

09/02/2021 12:31 PM

Received From

Contract DO

Facility Code

11-14010002

Facility Name

Hospital Kuala Lumpur

Issue Note Date

Receive Type

MPO

Status

In Progress

DO No

QQQ

Item Sub Class

Vaccine

Item Group

Drug

Issue No.

Goods Received DateTime

01/01/2021 7:47 PM

Reject Reason

Receipt Amount(RM)

110.00

Remarks

RECEIVING DETAILS

1 / 1

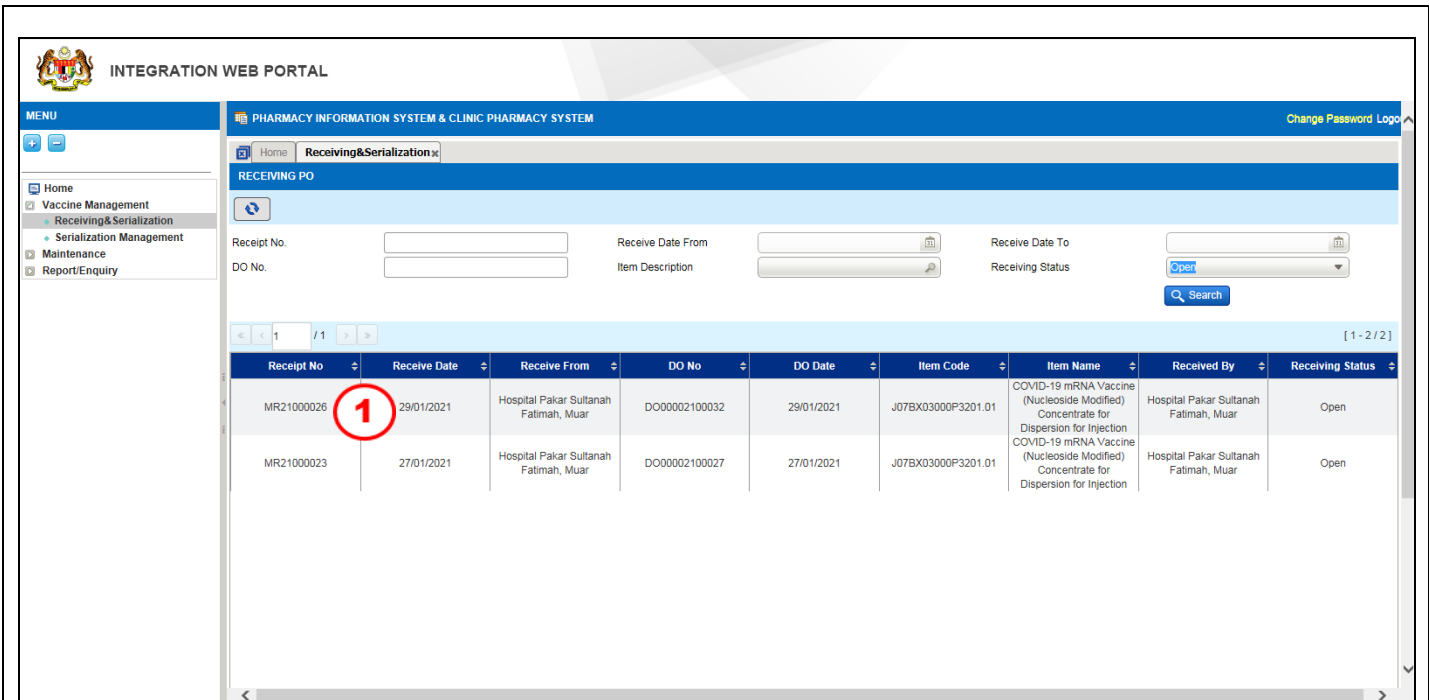
[1 - 1 / 1]

Item Code	Item Description	Batch No	Expiry Date	Packaging Description	Received Quantity(SKU)	Received Quantity(PKU)	Unit Price(RM)	Total Amount (RM)	Serialization Count	Serialization	Release
J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	11	30/01/2021	pack of 195 vial	2145	11	10.00	110.00	0	Serialize	Release

Figure 3.2-2 Receiving and Serialization

3.2.1 Serialize and Commission

To serialize and commission records, perform the step below



INTEGRATION WEB PORTAL

PHARMACY INFORMATION SYSTEM & CLINIC PHARMACY SYSTEM

Home | **Receiving&Serialization** | Change Password | Logo

RECEIVING PO

Receipt No. Receive Date From Receive Date To
DO No. Item Description Receiving Status

[1 - 2 / 2]

Receipt No	Receive Date	Receive From	DO No	DO Date	Item Code	Item Name	Received By	Receiving Status
MR21000026	29/01/2021	Hospital Pakar Sultanah Fatimah, Muar	DO00002100032	29/01/2021	J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	Hospital Pakar Sultanah Fatimah, Muar	Open
MR21000023	27/01/2021	Hospital Pakar Sultanah Fatimah, Muar	DO00002100027	27/01/2021	J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	Hospital Pakar Sultanah Fatimah, Muar	Open

Figure 3.2.1-1 Receiving and Serialization

Note

Search record with Receiving status = Open to proceed with serialize and commission process

STEP 1

Double click on the records and Receiving and Serialization screen will be displayed as Figure 3.2.1-2

EXTERNAL RECEIVING AND SERIALIZATION

Commission Reject

RECEIVING INFORMATION

Received No.

MR21000026

Created Date

29/01/2021 10:27 PM

Received From

CPDO

Facility Code

11-01060015

Facility Name

Hospital Pakar Sultanah Fatimah, Muar

Issue Note Date

Receive Type

MPO

Status

Open

DO No

DO00002100032

Item Sub Class

Item Group

Drug

Issue No.

Goods Received Date/Time

29/01/2021 4:45:18 PM

Reject Reason

Receipt Amount(RM)

11,000.00

Remarks

RECEIVING DETAILS

1 / 1

Item Code	Item Description	Batch No	Expiry Date	Packaging Description	Received Quantity(SKU)	Received Quantity(PKU)	Unit Price(RM)	Total Amount (RM)	Serialization Count	Serialization	Release
J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	VR0001	30/06/2021	pack of 195 vial	5	5.0	1100.0	5500.0	0	Serialize	Release
J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	VR0002	30/06/2021	pack of 195 vial	5	5.0	1100.0	5500.0	0	Serialize	Release

Figure 3.2.1-2 Receiving and Serialization

Note

Information displayed for Receiving Information section and Receiving Details section is comes from Master Receiving entered at HQ (BPF) stage

STEP 2

Select **Good Receive Date and Time**

STEP 3

Click on the **Serialize** button and Item Batch Details screen will be displayed as shown in Figure 3.2.1-3

ITEM BATCH DETAILS

Info

Item Description

COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrat

Item Code

J07BX03000P3201.01

Packaging Description

pack of 195 vial

Expiry Date

30/06/2021

Brand Name

COMIRNATY

Batch No

VR0001

Order Quantity(PKU)

10

Receiving Quantity(PKU)

5

Unit Price(PKU)

1100.0000

Amount

5,500.00

Conversion Factor

195

SKU

pack

1 / 1

Serial No	Clear
	Clear

Figure 3.2.1-3 Item Batch Details

Note

- By default, one (1) row of Serial No will be displayed
- After entering Serial No on the first row, new row will be added
- Serial No row will be added based on the Receiving Quantity (PKU)

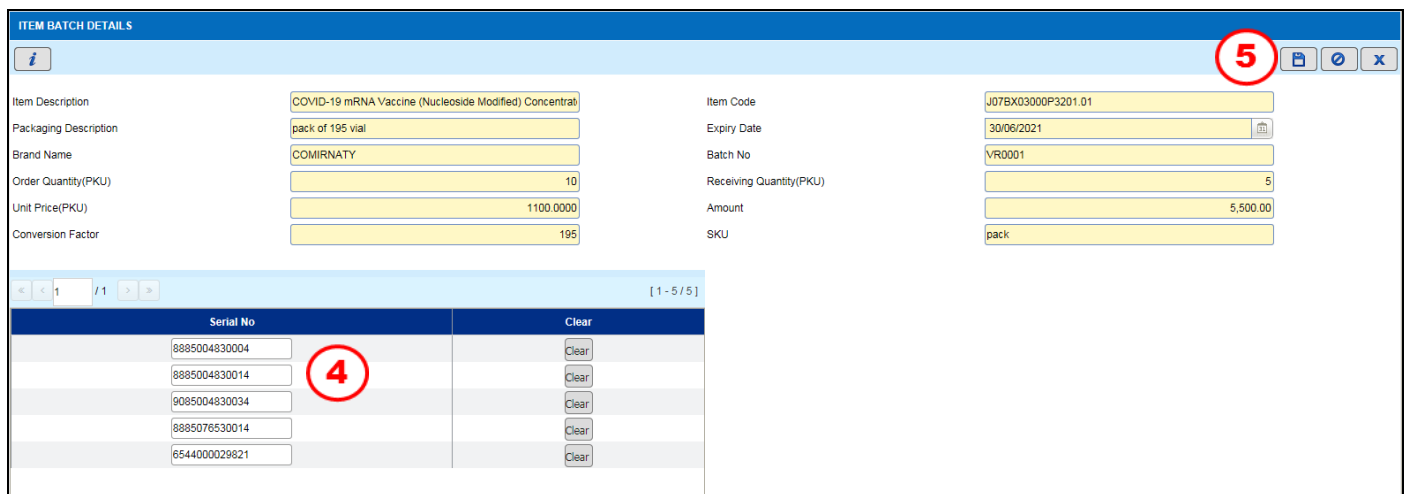


Figure 3.2.1-4 Item Batch Details

STEP 4

Enter all **Serial No**

Note

- User can use bar code device to scan serial number
- User can clear entered Serial No by click on the  button

STEP 5

Click on the  button to save the record

Note

- Confirmation message will be displayed as Figure 3.2.1-5

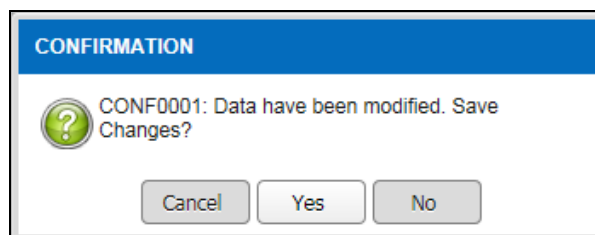
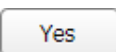


Figure 3.2.1-5 Confirmation Message

- Click on the  button and information message will be displayed as Figure 3.2.1-6

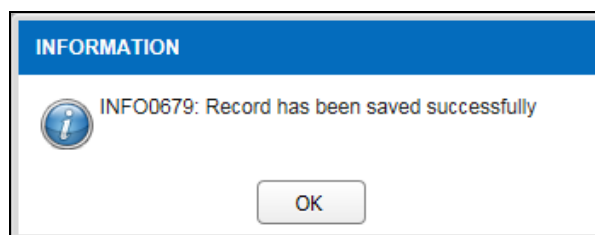
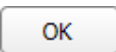


Figure 3.2.1-6 Information Message

- Click on the  button and system will go back to Receiving and Serialization screen as shown in Figure 3.2.1-7

6

EXTERNAL RECEIVING AND SERIALIZATION

Commission Reject X

RECEIVING INFORMATION

Received No. MR21000026

Received From CPDO

Facility Name Hospital Pakar Sultanah Fatimah, Muar

Receive Type MPO

DO No DO00002100032

Item Group Drug

Goods Received DateTime 29/01/2021 4:45:18 PM

Receipt Amount(RM) 11,000.00

Remarks

Created Date 29/01/2021 10:27 PM

Facility Code 11-01060015

Issue Note Date

Status Open

Item Sub Class

Issue No.

Reject Reason

RECEIVING DETAILS

1 / 1
[1 - 2 / 2]

Item Code	Item Description	Batch No	Expiry Date	Packaging Description	Received Quantity(SKU)	Received Quantity(PKU)	Unit Price(RM)	Total Amount (RM)	Serialization Count	Serialization	Release
J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	VR0001	30/06/2021	pack of 195 vial	5	5.0	1100.0	5500.0	5	Serialize	Release
J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	VR0002	30/06/2021	pack of 195 vial	5	5.0	1100.0	5500.0	5	Serialize	Release

Figure 3.2.1-7 Receiving and Serialization

Note

- Successfully Serial No records will be updated on the Serialization Count in Receiving Details section
- User need to complete serialization for all batch no (if any) display in Receiving Details before can proceed for commission

STEP 6

Click on the Commission button

Note

- Confirmation message will be displayed as Figure 3.2.1-8

CONFIRMATION

?

CONF0001: Data have been modified. Save Changes?

Cancel
Yes
No

Figure 3.2.1-8 Confirmation Message

- Click on the Yes button
- Status will change to In Progress after successfully commission
- Tray Status will updated to Quarantine as shown in Figure 3.2.1-9
- Serial No records will be integrate into Vaccine Management System(VMS)

ITEM BATCH DETAILS

Item Description

COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrat

Item Code

J07BX03000P3201.01

Packaging Description

pack of 195 vial

Expiry Date

30/06/2021

Brand Name

COMIRNATY

Batch No

BP0020

Order Quantity(PKU)

10

Receiving Quantity(PKU)

5

Unit Price(PKU)

1100.0000

Amount

5,500.00

Conversion Factor

195

SKU

pack

Release All

Reject All

< < 1 / 1 > >

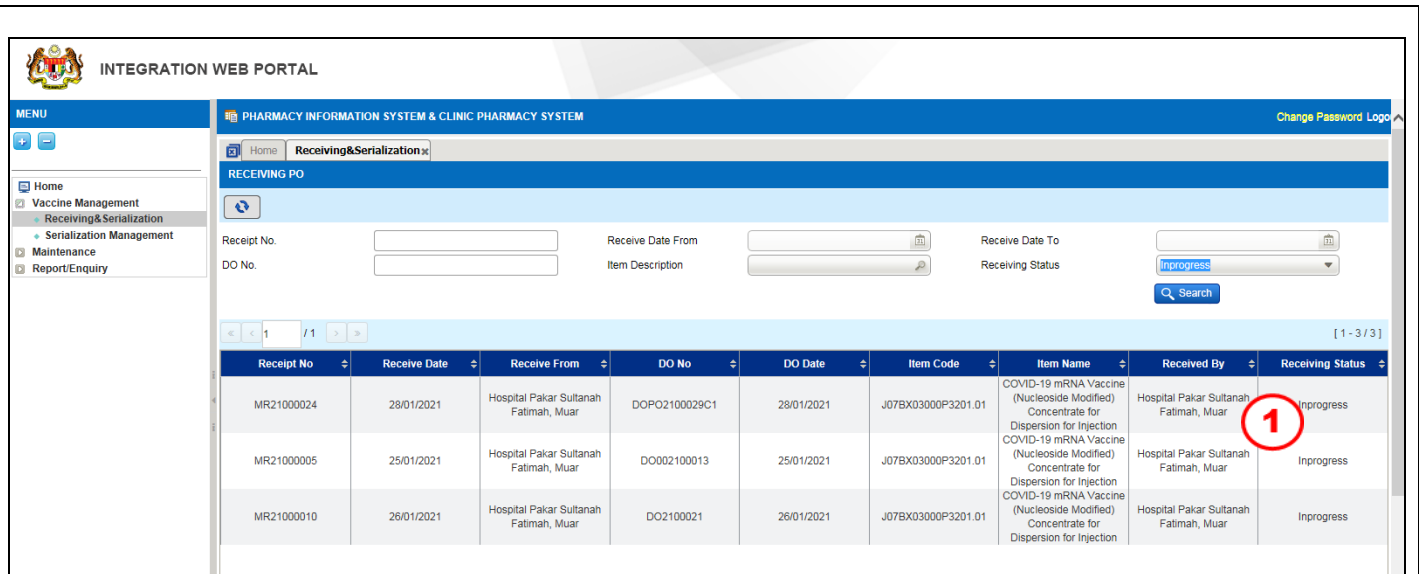
[1 - 5 / 5]

Serial No	Tray Status
1234794	Quarantine
1234821	Quarantine
1234862	Quarantine
1234950	Quarantine
1234971	Quarantine

Figure 3.2.1-9 Item Batch Details

3.2.2 Release and Confirm

To Release and Confirm records, perform the step below



Receipt No	Receive Date	Receive From	DO No	DO Date	Item Code	Item Name	Received By	Receiving Status
MR21000024	28/01/2021	Hospital Pakar Sultanah Fatimah, Muar	DOPO2100029C1	28/01/2021	J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	Hospital Pakar Sultanah Fatimah, Muar	Inprogress
MR21000005	25/01/2021	Hospital Pakar Sultanah Fatimah, Muar	DO002100013	25/01/2021	J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	Hospital Pakar Sultanah Fatimah, Muar	Inprogress
MR21000010	26/01/2021	Hospital Pakar Sultanah Fatimah, Muar	DO2100021	26/01/2021	J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	Hospital Pakar Sultanah Fatimah, Muar	Inprogress

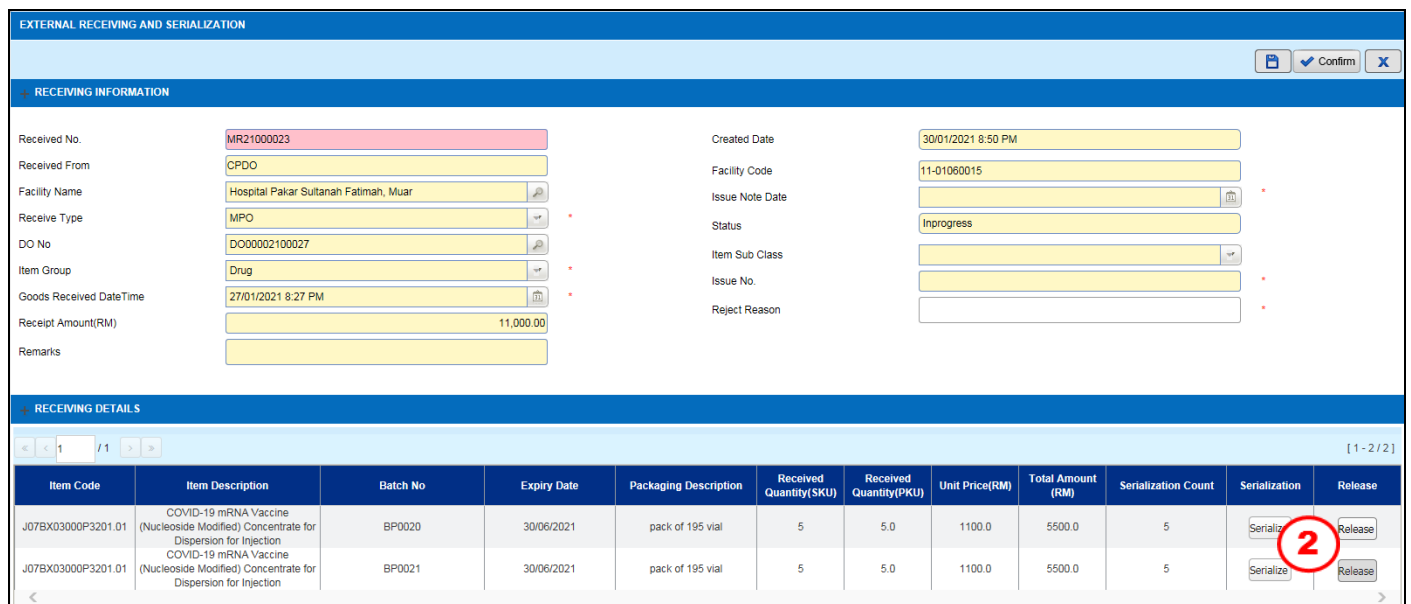
Figure 3.2.2-1 Receiving and Serialization

Note

Search record with Receiving status = In Progress to proceed with release and confirm process

STEP 1

Double click on the records and Receiving and Serialization screen will be displayed as Figure 3.2.2-2

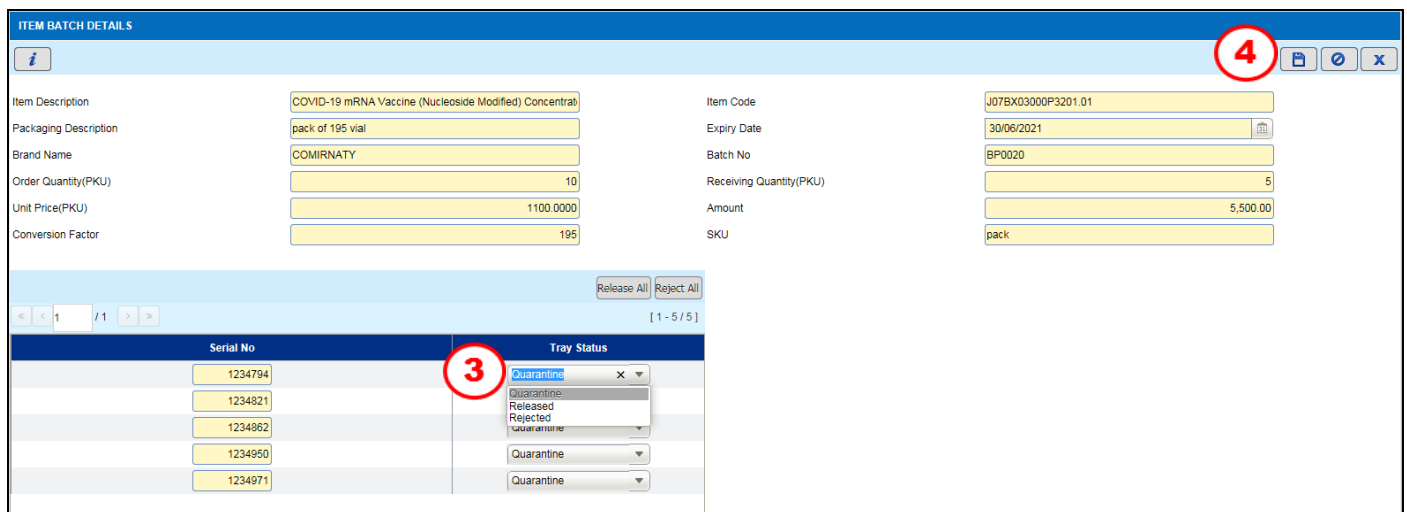


Item Code	Item Description	Batch No	Expiry Date	Packaging Description	Received Quantity(SKU)	Received Quantity(PKU)	Unit Price(RM)	Total Amount (RM)	Serialization Count	Serialization	Release
J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0020	30/06/2021	pack of 195 vial	5	5.0	1100.0	5500.0	5	Serialize	Release
J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0021	30/06/2021	pack of 195 vial	5	5.0	1100.0	5500.0	5	Serialize	Release

Figure 3.2.2-2 Receiving and Serialization

STEP 2

Click on the  button and Item Batch Details screen will be displayed as shown in Figure 3.2.2-3



ITEM BATCH DETAILS

Item Description: COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrat

Packaging Description: pack of 195 vial

Brand Name: COMIRNATY

Order Quantity(PKU): 10

Unit Price(PKU): 1100.0000

Conversion Factor: 195

Item Code: J07BX03000P3201.01

Expiry Date: 30/06/2021

Batch No: BP0020

Receiving Quantity(PKU): 5

Amount: 5,500.00

SKU: pack

Release All Reject All

Serial No Tray Status

Serial No	Tray Status
1234794	Quarantine
1234821	Quarantine
1234862	Quarantine
1234950	Quarantine
1234971	Quarantine

Figure 3.2.2-3 Item Batch Details

STEP 3

Change **Tray Status** to **Release** or **Rejected** for each of serial number in the screen

Note

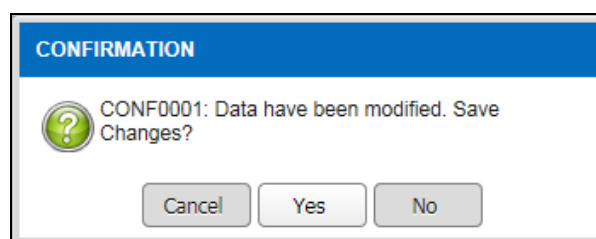
- User able to change all Tray Status to Rejected by click on the **Reject All** button
- User able to change all Tray Status to Released by click on the **Release All** button

STEP 4

Click on the  button to save the record

Note

- Confirmation message will be displayed as Figure 3.2.2-4



CONFIRMATION

CONF0001: Data have been modified. Save Changes?

Cancel Yes No

Figure 3.2.2-4 Confirmation Message

- Click on the **Yes** button

5

EXTERNAL RECEIVING AND SERIALIZATION

RECEIVING INFORMATION

Received No. MR21000023

Received From CPDO

Facility Name Hospital Pakar Sultanah Fatimah, Muar

Receive Type MPO

DO No DO00002100027

Item Group Drug

Goods Received DateTime 27/01/2021 8:27 PM

Receipt Amount(RM) 11,000.00

Remarks

Created Date 30/01/2021 8:50 PM

Facility Code 11-01060015

Issue Note Date

Status Inprogress

Item Sub Class

Issue No.

Reject Reason

RECEIVING DETAILS

< 1 / 1 >
[1 - 2 / 2]

Item Code	Item Description	Batch No	Expiry Date	Packaging Description	Received Quantity(SKU)	Received Quantity(PKU)	Unit Price(RM)	Total Amount (RM)	Serialization Count	Serialization	Release
J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0020	30/06/2021	pack of 195 vial	5	5.0	1100.0	5500.0	5	Serialize	Release
J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0021	30/06/2021	pack of 195 vial	5	5.0	1100.0	5500.0	5	Serialize	Release

Figure 3.2.2-5 Receiving and Serialization

Note

User need to update all batch (if any) Tray Status to Released or Rejected before can proceed to confirm the receiving. Repeat STEP 2 to STEP 4

STEP 5

Click on the button

Note

- Confirmation message will be displayed as Figure 3.2.2-6

CONFIRMATION

CONF0128: Are you sure you want to approve the record?

Cancel
Yes
No

Figure 3.2.2-6 Confirmation Message

- Click on the Yes button and information message will be displayed as Figure 3.2.2-7

INFORMATION

INFO0673: Record approved successfully.

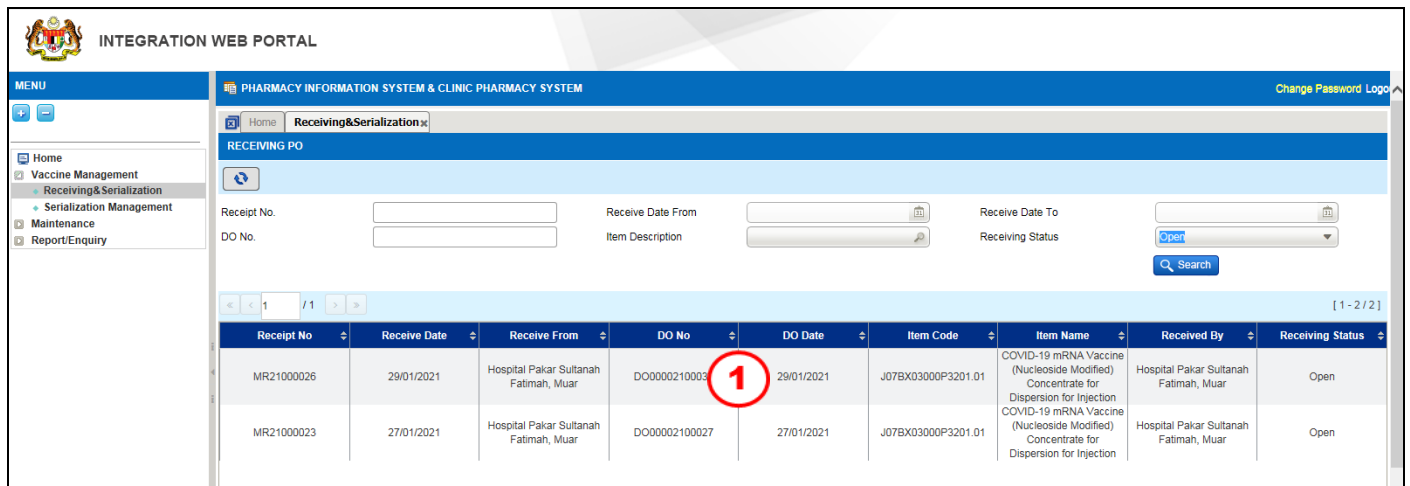
OK

Figure 3.2.2-7 Information Message

- Click on the OK button and Status will change to 'Closed'
- Item which is Tray Status = Released, stock will be flow and update in the facility PhIS & CPS application

3.2.3 Reject records

To reject receiving and Serialization record, perform the step below



INTEGRATION WEB PORTAL

PHARMACY INFORMATION SYSTEM & CLINIC PHARMACY SYSTEM

Home | Receiving&Serialization

RECEIVING PO

Receipt No. [] Receive Date From [] Receive Date To []
DO No. [] Item Description [] Receiving Status [Open] [Search]

Receipt No	Receive Date	Receive From	DO No	DO Date	Item Code	Item Name	Received By	Receiving Status
MR21000026	29/01/2021	Hospital Pakar Sultanah Fatimah, Muar	DO0000210003	29/01/2021	J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	Hospital Pakar Sultanah Fatimah, Muar	Open
MR21000023	27/01/2021	Hospital Pakar Sultanah Fatimah, Muar	DO00002100027	27/01/2021	J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	Hospital Pakar Sultanah Fatimah, Muar	Open

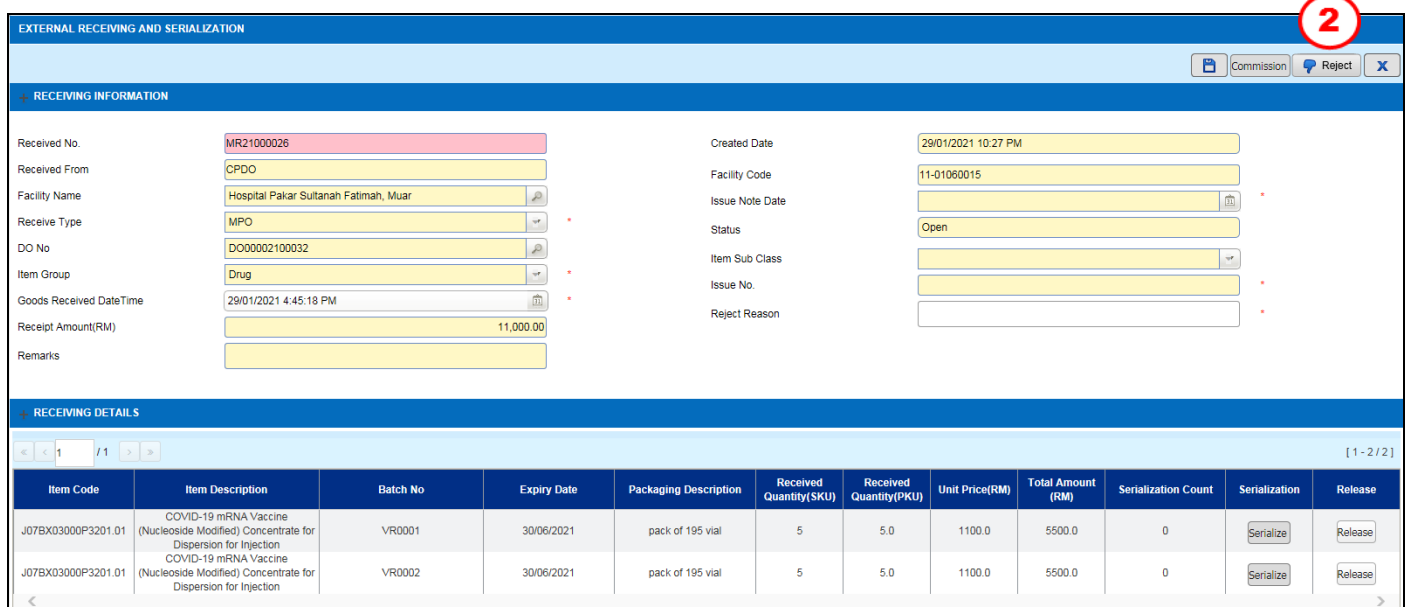
Figure 3.2.3-1 Receiving and Serialization

Note

- Search record with Receiving status = Open
- User is able to reject record before commission

STEP 1

Double click on the records and Receiving and Serialization screen will be displayed as Figure 3.2.3-2



EXTERNAL RECEIVING AND SERIALIZATION

Commission [] Reject [X]

RECEIVING INFORMATION

Received No. MR21000026
Received From CPDO
Facility Name Hospital Pakar Sultanah Fatimah, Muar
Receive Type MPO
DO No DO00002100032
Item Group Drug
Goods Received DateTime 29/01/2021 4:45:18 PM
Receipt Amount(RM) 11,000.00
Remarks

Created Date 29/01/2021 10:27 PM
Facility Code 11-01060015
Issue Note Date
Status Open
Item Sub Class
Issue No.
Reject Reason

RECEIVING DETAILS

Item Code	Item Description	Batch No	Expiry Date	Packaging Description	Received Quantity(SKU)	Received Quantity(PKU)	Unit Price(RM)	Total Amount (RM)	Serialization Count	Serialization	Release
J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	VR0001	30/06/2021	pack of 195 vial	5	5.0	1100.0	5500.0	0	Serialize	Release
J07BX03000P3201.01	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	VR0002	30/06/2021	pack of 195 vial	5	5.0	1100.0	5500.0	0	Serialize	Release

Figure 3.2.3-2 Receiving and Serialization

STEP 2

Click on the  button to reject the record

Note

- Confirmation message will be displayed as Figure 3.2.3-3

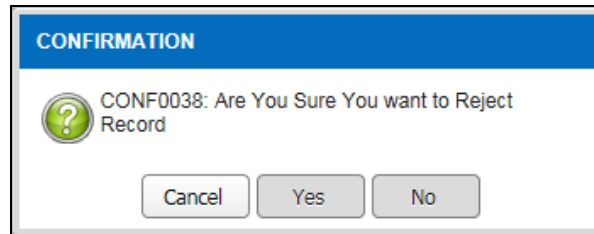
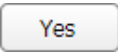


Figure 3.2.3-3 Confirmation Message

- Click on the  button and information message will be displayed as Figure 3.2.3-4

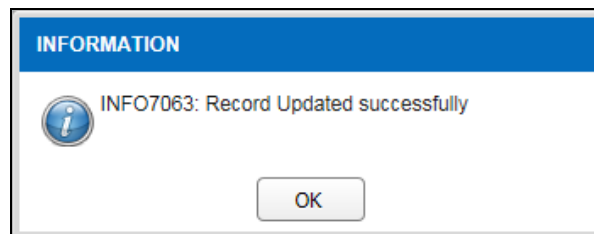
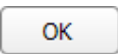
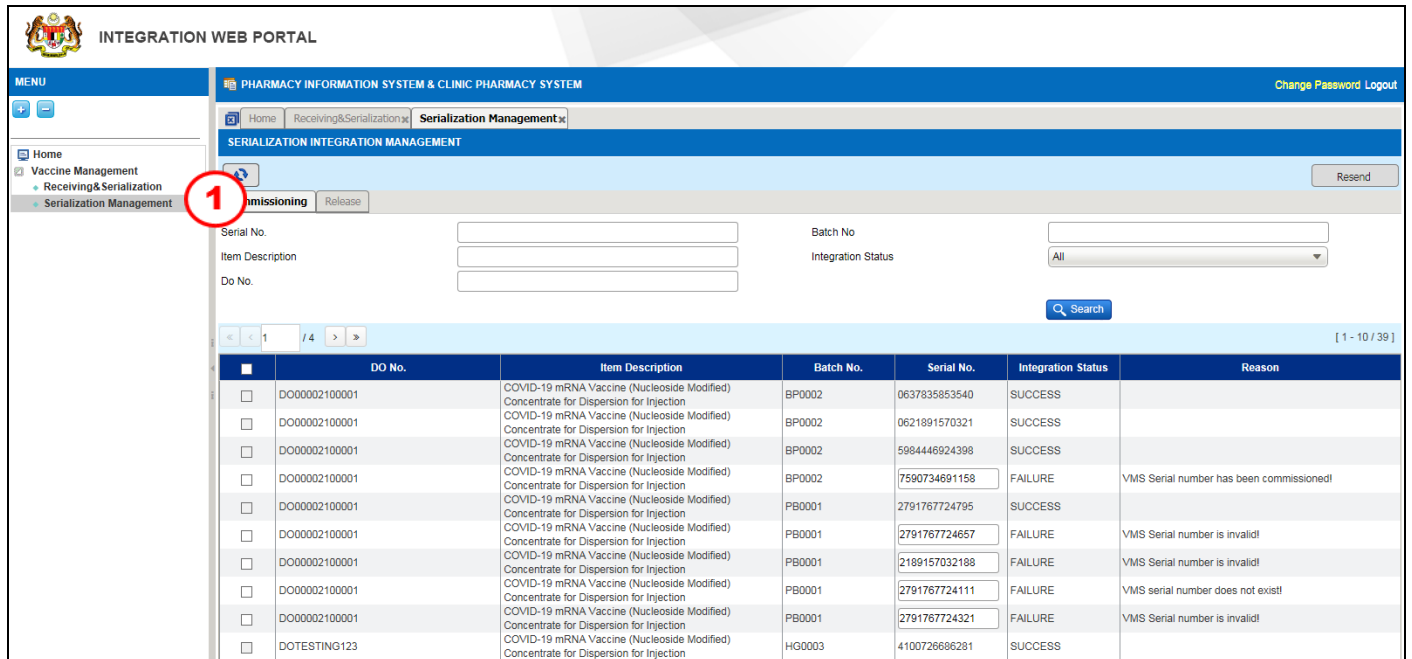


Figure 3.2.3-4 Information Message

- Click on the  button and Status will change to 'Rejected'

3.3 Serialization Management

To view or update Serial No integration to VMS, perform the step below



Integration Web Portal

PHARMACY INFORMATION SYSTEM & CLINIC PHARMACY SYSTEM

Change Password Logout

Home Receiving&Serialization **Serialization Management**

SERIALIZATION INTEGRATION MANAGEMENT

Commissioning Release

Serial No. Batch No.

Item Description Integration Status

Do No.

Search

[1 - 10 / 39]

	DO No.	Item Description	Batch No.	Serial No.	Integration Status	Reason
☐	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0002	0637935853540	SUCCESS	
☐	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0002	0621891570321	SUCCESS	
☐	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0002	5984446924398	SUCCESS	
☐	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0002	7590734691158	FAILURE	VMS Serial number has been commissioned!
☐	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	PB0001	2791767724795	SUCCESS	
☐	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	PB0001	2791767724657	FAILURE	VMS Serial number is invalid!
☐	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	PB0001	2189157032188	FAILURE	VMS Serial number is invalid!
☐	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	PB0001	2791767724111	FAILURE	VMS serial number does not exist!
☐	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	PB0001	2791767724321	FAILURE	VMS Serial number is invalid!
☐	DOTESTING123	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	HG0003	4100726686281	SUCCESS	

Figure 3.3-1 Serialization Management

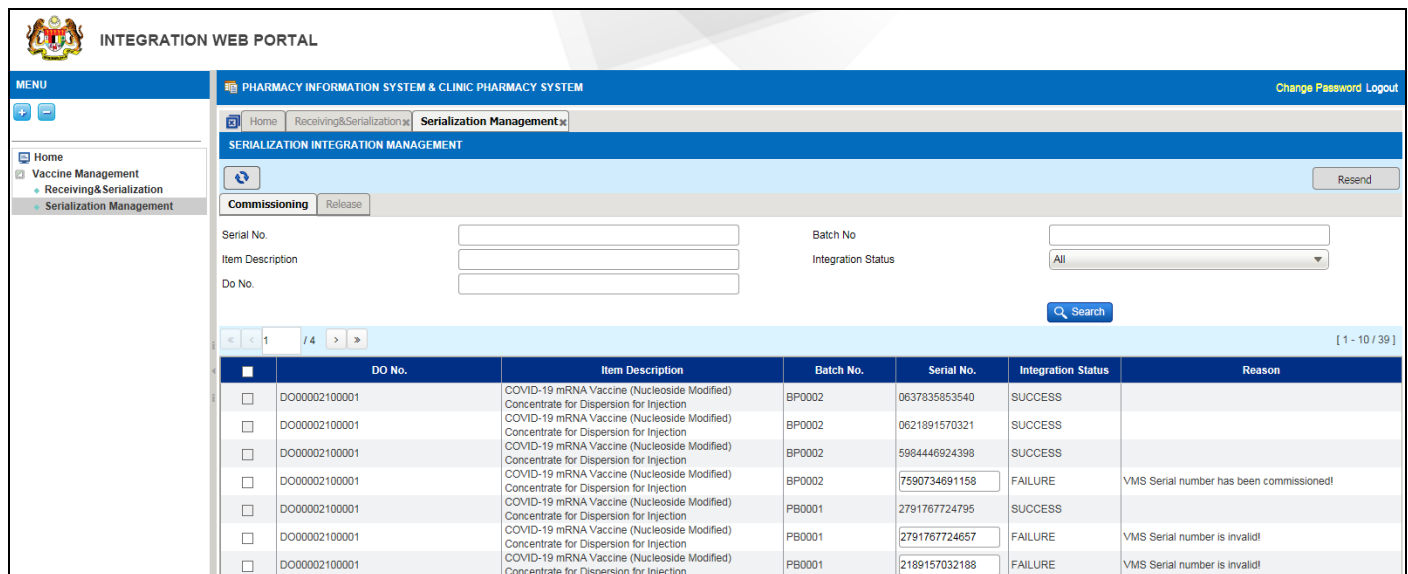
STEP 1

Go to 'Vaccine Management' menu and click on 'Serialization Management' sub menu and screen will be displayed as shown in Figure 3.3-1

Note

- *Serialization Management consist of two (2) screen tabs which is:*
 - Commissioning*
 - Release*
- *By default, Commissioning screen will be displayed*

View or Update Commissioning Serial No



Integration Web Portal

PHARMACY INFORMATION SYSTEM & CLINIC PHARMACY SYSTEM

SERIALIZATION MANAGEMENT

SERIALIZATION INTEGRATION MANAGEMENT

Commissioning **Release**

Serial No. Batch No.

Item Description Integration Status

Do No.

Search

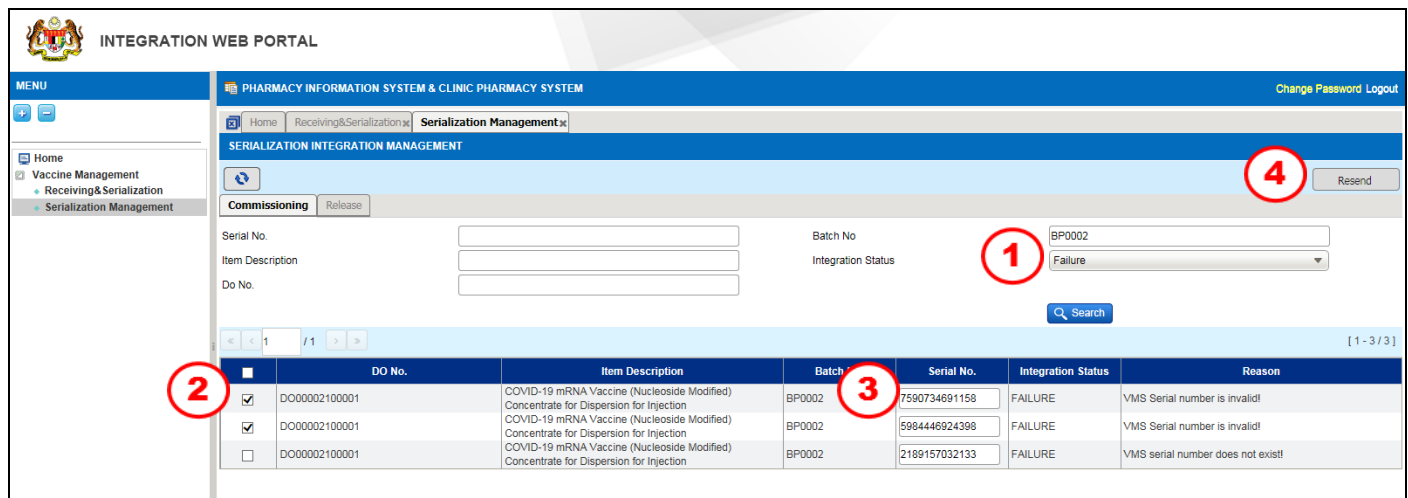
[1 - 10 / 39]

	DO No.	Item Description	Batch No.	Serial No.	Integration Status	Reason
☐	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0002	0637835853540	SUCCESS	
☐	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0002	0621891570321	SUCCESS	
☐	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0002	5984446924398	SUCCESS	
☐	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0002	7590734691158	FAILURE	VMS Serial number has been commissioned!
☐	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	PB0001	2791767724795	SUCCESS	
☐	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	PB0001	2791767724657	FAILURE	VMS Serial number is invalid!
☐	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	PB0001	2189157032188	FAILURE	VMS Serial number is invalid!

Figure 3.3-2 Commissioning

Note

- Data displayed will be based on the Serial No entered in the Receiving and Serialization after commission process
- User can view the Integration Status of Serial No that integrate to VMS whether Success or Failure
- User is allowed to edit Serial No if the Integration Status = Failure and resend back to VMS



Integration Web Portal

PHARMACY INFORMATION SYSTEM & CLINIC PHARMACY SYSTEM

SERIALIZATION MANAGEMENT

SERIALIZATION INTEGRATION MANAGEMENT

Commissioning **Release**

Serial No. Batch No.

Item Description Integration Status

Do No.

Search

[1 - 3 / 3]

	DO No.	Item Description	Batch	Serial No.	Integration Status	Reason
☒	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0002	7590734691158	FAILURE	VMS Serial number is invalid!
☒	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0002	5984446924398	FAILURE	VMS Serial number is invalid!
☐	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0002	2189157032133	FAILURE	VMS serial number does not exist!

Figure 3.3-3 Commissioning

STEP 1

Search **Integration Status** as **Failure**

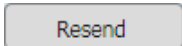
STEP 2

Click on the ☒ checkbox button

STEP 3

Enter New **Serial No.** or scan using Bar Code scanner

STEP 4

Click on the  button

Note

- Information message will be displayed as Figure 3.3-4

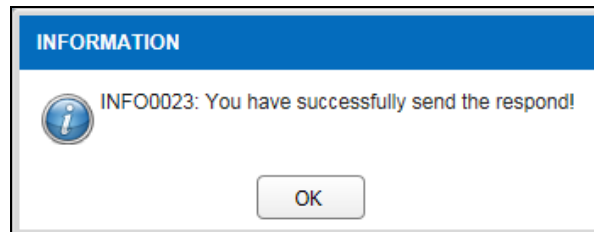
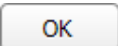
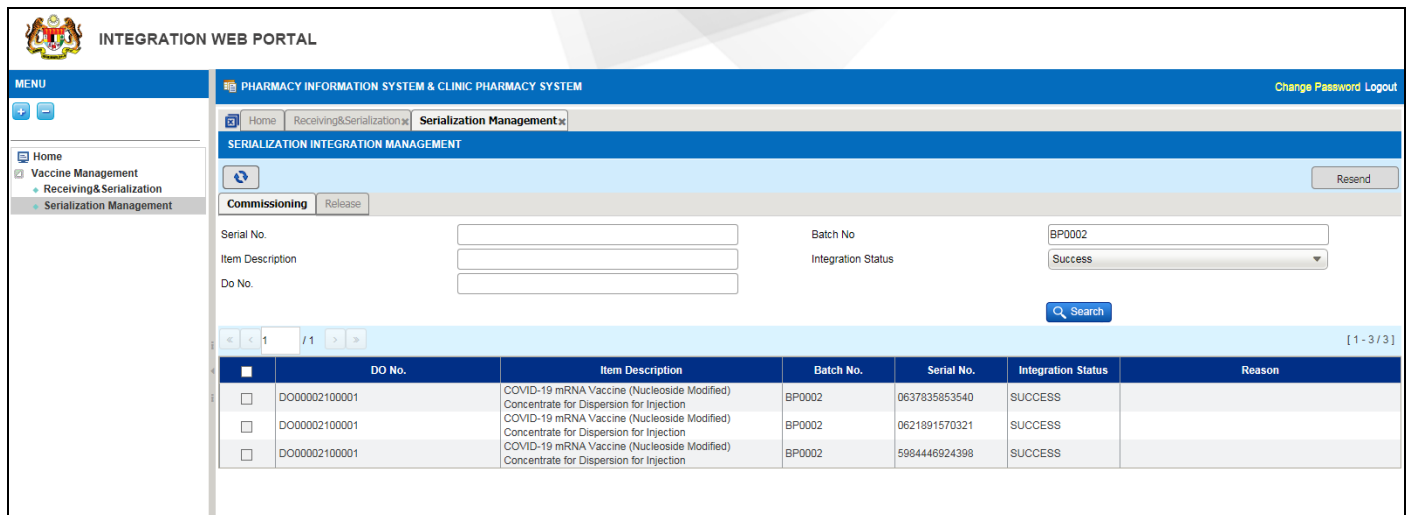


Figure 3.3-4 Information Message

- Click on the  button
- Integration Status will be updated to Success after successfully resend serial no to VMS as shown in Figure 3.3-5



INTEGRATION WEB PORTAL

PHARMACY INFORMATION SYSTEM & CLINIC PHARMACY SYSTEM

Home Receiving&Serialization Serialization Management

SERIALIZATION INTEGRATION MANAGEMENT

Commissioning Release

Serial No. Batch No. BP0002

Item Description Integration Status Success

Do No.

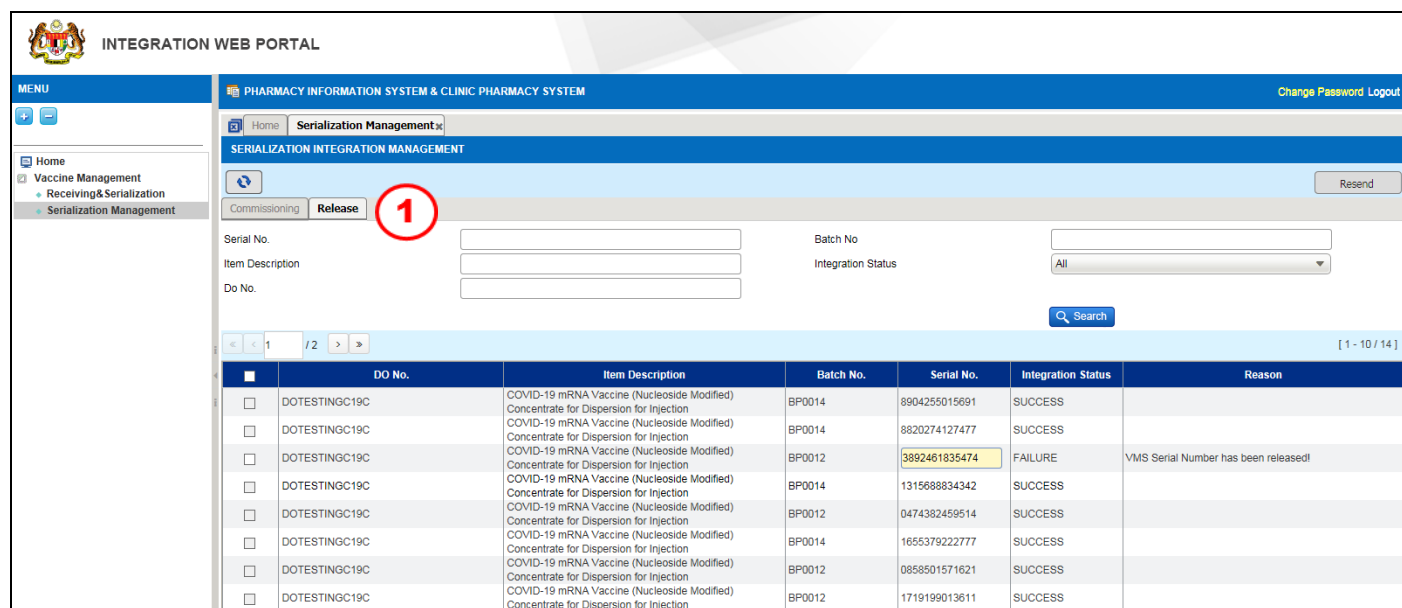
Search

[1 - 3 / 3]

	DO No.	Item Description	Batch No.	Serial No.	Integration Status	Reason
☐	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0002	0637835853540	SUCCESS	
☐	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0002	0621891570321	SUCCESS	
☐	DO00002100001	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0002	5984446924398	SUCCESS	

Figure 3.3-5 Commissioning

View or Update Release Serial No



Integration Web Portal

MENU

- Home
- Vaccine Management
- Receiving & Serialization
- Serialization Management

PHARMACY INFORMATION SYSTEM & CLINIC PHARMACY SYSTEM

Change Password Logout

Home **Serialization Management**

SERIALIZATION INTEGRATION MANAGEMENT

Commissioning **Release** 1

Serial No. Batch No.

Item Description Integration Status

Do No.

[1 - 10 / 14]

	DO No.	Item Description	Batch No.	Serial No.	Integration Status	Reason
☐	DOTESTINGC19C	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0014	8904255015691	SUCCESS	
☐	DOTESTINGC19C	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0014	8820274127477	SUCCESS	
☐	DOTESTINGC19C	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0012	3892461835474	FAILURE	VMS Serial Number has been released!
☐	DOTESTINGC19C	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0014	1315688834342	SUCCESS	
☐	DOTESTINGC19C	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0012	0474382459514	SUCCESS	
☐	DOTESTINGC19C	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0014	1655379222777	SUCCESS	
☐	DOTESTINGC19C	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0012	0858501571621	SUCCESS	
☐	DOTESTINGC19C	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0012	1719199013611	SUCCESS	

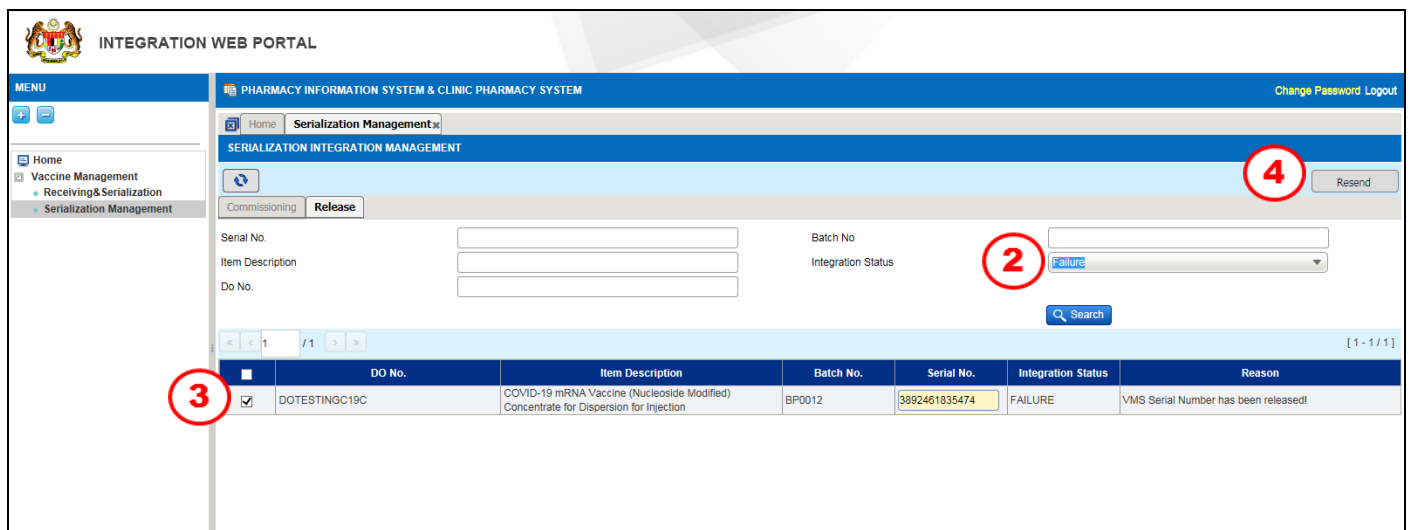
Figure 3.3-6 Release

STEP 1

Click on the **Release** tab

Note

- Data displayed will be based on the Serial No entered in the Receiving and Serialization after confirmed release process
- User can view the Integration Status of Serial No that integrate to VMS whether Success or Failure
- For Integration Status = Failure, user is unable to edit Serial No.
- Serial No. only can be edited in Commissioning screen (refer STEP 1 to STEP 4 at View or Update Commissioning Serial No process)
- User need to perform resend serial no. process at Commissioning before able to proceed with resend serial no at release screen



Integration Web Portal

MENU

- Home
- Vaccine Management
 - Receiving&Serialization
 - Serialization Management

PHARMACY INFORMATION SYSTEM & CLINIC PHARMACY SYSTEM

Change Password Logout

Home | **Serialization Management**

SERIALIZATION INTEGRATION MANAGEMENT

Commissioning | **Release**

Serial No. Batch No.

Item Description Integration Status **Failure**

Do No.

[1 - 1 / 1]

	DO No.	Item Description	Batch No.	Serial No.	Integration Status	Reason
☒	DOTESTINGC19C	COVID-19 mRNA Vaccine (Nucleoside Modified) Concentrate for Dispersion for Injection	BP0012	3892461835474	FAILURE	VMS Serial Number has been released!

Figure 3.3-7 Release

STEP 2

Search **Integration Status** as **Failure**

STEP 3

Click on the ☒ checkbox button

STEP 4

Click on the button

Note

- Information message will be displayed as Figure 3.3-8

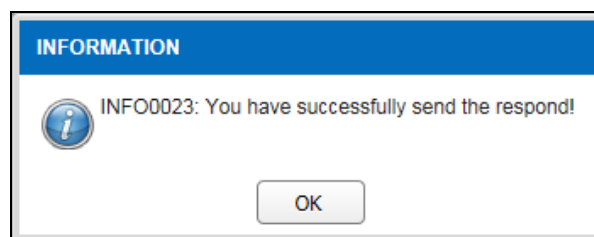


Figure 3.3-8 Information Message

- Click on the button
- Integration Status will be updated to Success after successfully resend serial no to VMS

4.0 Acronyms

Abbreviation	Definition
MOH	Ministry of Health
KKM	Kementerian Kesihatan Malaysia
PhIS	Pharmacy Information System
CPS	Clinical Pharmacy System
BPF	Bahagian Perkhidmatan Farmasi
PSV	Pusat Simpanan Vaksin
PPV	Pusat Pemberian Vaksin
VMS	Vaccine Management System