



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

Full Based

**User Manual
Outpatient Pharmacy**

Version	: 13th Edition
Document ID	: U. MANUAL_OP



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Application reference: PhIS & CPS v2.6.1



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1.0 Introduction

1.1 Overview of PhIS

Pharmacy Information System or better known as PhIS is a complete and comprehensive system that integrates pharmacy related services that geared toward pharmacy excellence. This implementation would transform most of the current manual process to electronic system would benefit facility end user in the health care sector.

There are 12 modules to assist service delivery by the health care sector which comprises of:

1. Order Management
2. Inpatient Pharmacy
3. Outpatient Pharmacy
4. Medication Counselling
5. Ward Pharmacy
6. Pharmacy Inventory
7. Manufacturing of Cytotoxic Drug Reconstitution (CDR), Parenteral Nutrition (PN), IV Admixture & Eye Drop, Radiopharmaceuticals and Extemporaneous
8. Adverse Drug Reaction & Drug Allergic Card (ADR & DAC)
9. Clinical Pharmacokinetics Services (TDM)
10. Drug Information & Consumer Education (DICE)
11. Medication Therapy Adherence Clinic (MTAC)
12. Data Mining (PhARM)

1.2 Purpose and Objectives

This user manual outlines the Outpatient - Record Prescription module and its key features and functionalities. The primary objective is to guide users through the process of completing PhIS application process.

User will understand the following activities in details:

- Record Prescription
- Dispensing Process

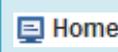
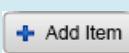
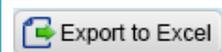
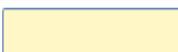
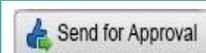
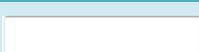
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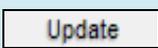
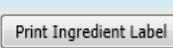
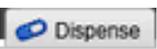
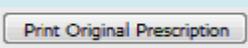
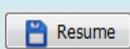
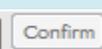
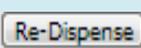
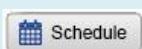
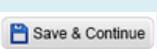
These are the sections within this document:

- Section 1 : Introduction
- Section 2 : Application Standard Features
- Section 3 : Outpatient Pharmacy
- Section 4 : Acronyms

2.0 Application Standard Features

2.1 PhIS Legend

Standard Legend			
	Login to PhIS		Logout from PhIS
	Reset Login Screen		Expand Menu
	Display Home Tab		Expand Module
	Close All Open Tabs		Refresh Screen
	Add/Create New Record		Show Help
*	Mandatory Field		Calendar Icon
	Close Window		Radio Button
	Edit Record		Cancel
	Save		Add Item to the list
	Export and Open Report in Excel Format		Automatically Display/Retrieve Box
	Request for Approval		Cancel the Request
	Send for Approval		Approve Transaction
	Change Login Password		Collapse Menu
	Collapse Module		Search Record
	Print		Search Icon
<input type="checkbox"/>	Checkbox		Delete Record
	Delete Item from the list		Empty Text Box
	Dropdown Box		Reject Transaction

Outpatient Pharmacy Module Legend			
	Update Patient's Height and Weight		Print Ingredient Label
	Acknowledge Prescription		Dispense
	Preparation		Print Original Prescription
	Edit Label		Verification
	Resume		Confirm
	Hold		Release/Discard
	Print		Re-Dispense
	Calendar		Delete
	Schedule		Save and Continue
	Add/Update Drug		Intervention
	Resume		

Note

- To learn more about Login Information, kindly click [Login Information](#) module for descriptive steps.

3.0 Outpatient Pharmacy

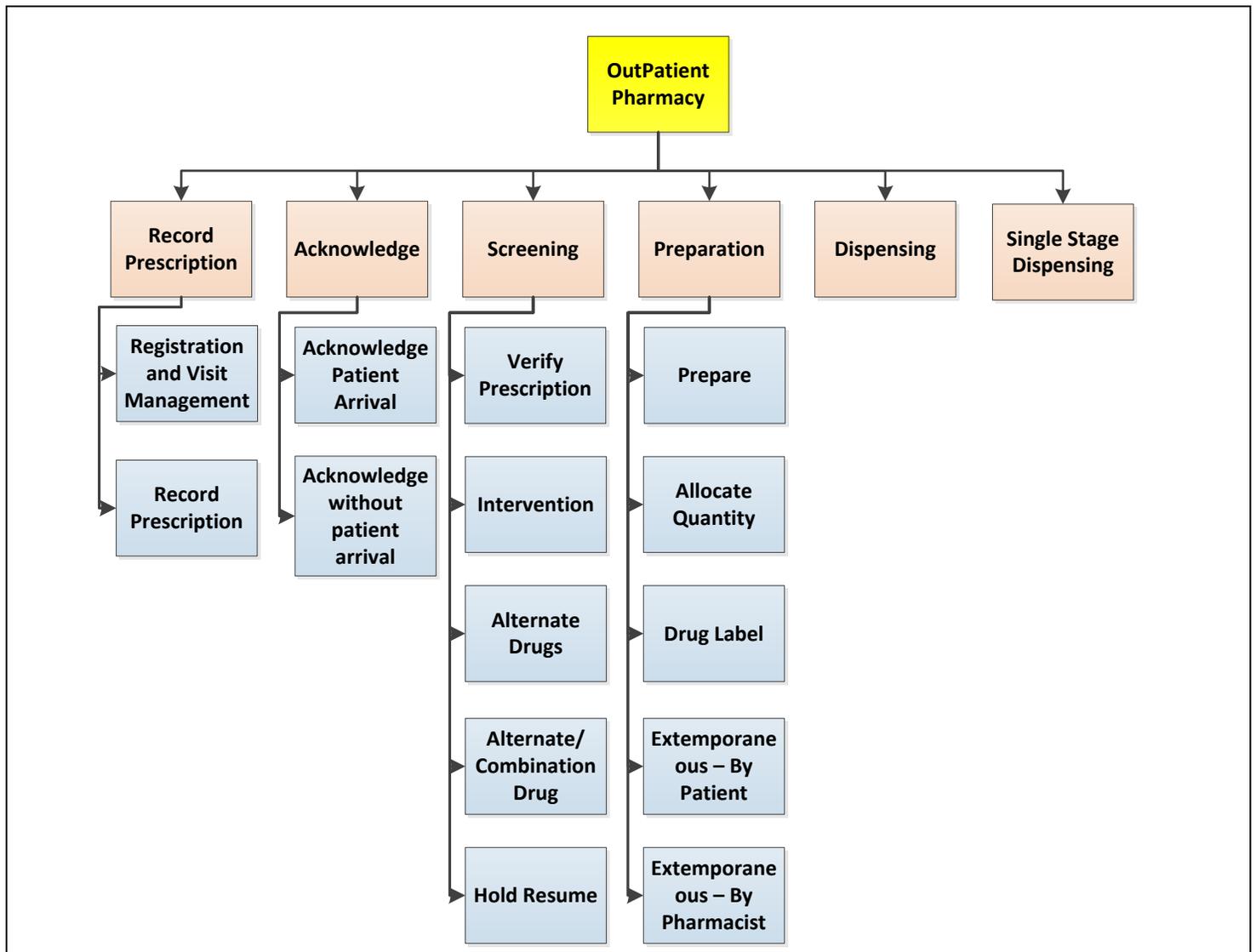
Overview

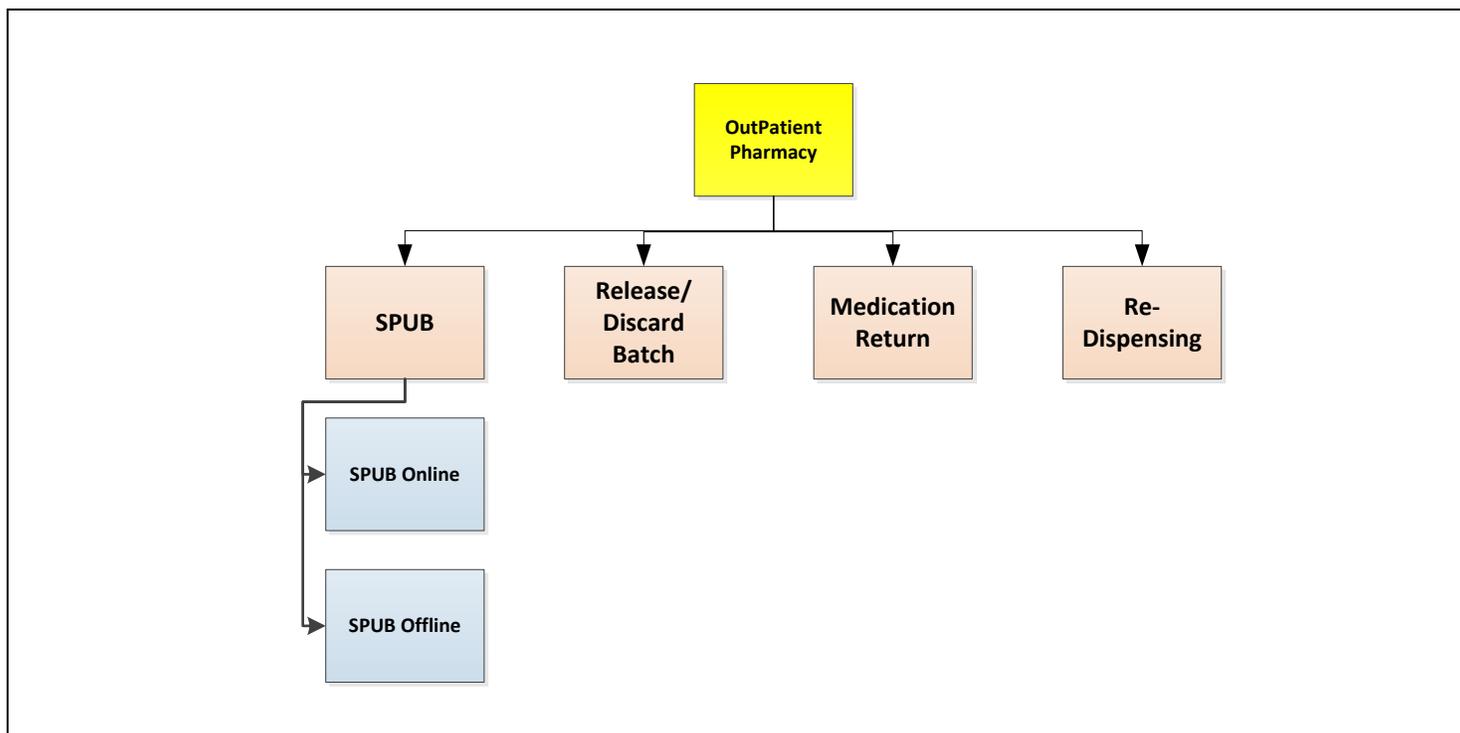
The Outpatient Pharmacy module include implementing safe, organized, and efficient drug-dispensing systems is essential for controlling costs and assuring that the medical prescription is safely followed as requested within the appropriate deadline. An appropriate dispensing system is an important ally for the prevention or reduction of medication errors by helping to minimize dispensing error opportunities in a pharmacy. At present there are various types of dispensing systems for medical prescriptions within a hospital.

User Group

This Module is intended for pharmacist and assistant pharmacist (subject to the user assigned by the facility)

Functional Diagram





Functional Description

- **Acknowledgement**
Acknowledgement function will be used as an acknowledgement process for prescription during patient arrival or without patient arrival at Outpatient pharmacy. Prescription must go through the acknowledgement process in order to dispense the medication. With this functionality, user able to manage the dispensing process with more efficient and effective.
- **Screening and Verification**
Screening and verification function is for user to do the checking and verification on the record prescription ordered from prescriber. In this screen, system provide some sub-functions like intervention, hold/resume and allocate drug batch. Some information related to the patient as drug interaction (MIMS), patient allergy, lab result, drug info details also provided to minimize medication error during verification process.
- **Preparation**
The preparation function allow user to allocate drug quantity and batch to be dispense based on the transcribed prescription. This function is integrated with inventory system where the stock will be auto deduct after dispensing process. Drug label can be generating and print based on the prepared drugs. Some of the sub-function is available in this screen like alternate, hold/resume and drug interaction (MIMS) is provided to help user with more effectively and efficiency during preparation process for patient safety purpose.
- **Dispensing**
Dispensing functions is to record and save all the dispensed medication detail information. This function is the mandatory steps to complete the dispense medication process. At this screen, information related with the patient, prescription and prepared drug is provided.



- **SPUB**
SPUB is to transfer partial medication order from current facilities to referring facilities. SPUB R1 form will contain the patient's information and prescription to be dispensed at referring hospital.
- **VAS**
VAS is to provide a added services to dispense a medication to patient
- **Release Batch**
Release batch function will be used when user decide to un-packed the reserved/prepared drugs. All the release drugs such as tablets, capsule and other than liquid will be returned back to stock.
- **Medication Return**
Medication return is the function where user able to record the returned medication from the patient or units into the system. With this functionality user able to track the transaction record and able to manage the stock in proper way.
- **Medication Re-Dispense**
Allow the user to re-issue medication to the patient due to spilled, broken or lost. Only authorized users will be able to access this process.

3.1 Acknowledgement

Acknowledgement is used to view current medication records that need to be dispense. It enables user to generate and print queue number upon patients' arrival.

3.1.1 Acknowledge Upon Patient Arrival

Pharmacy Acknowledgement allows pharmacist to acknowledge patient arrival and assign queue number to the patient.

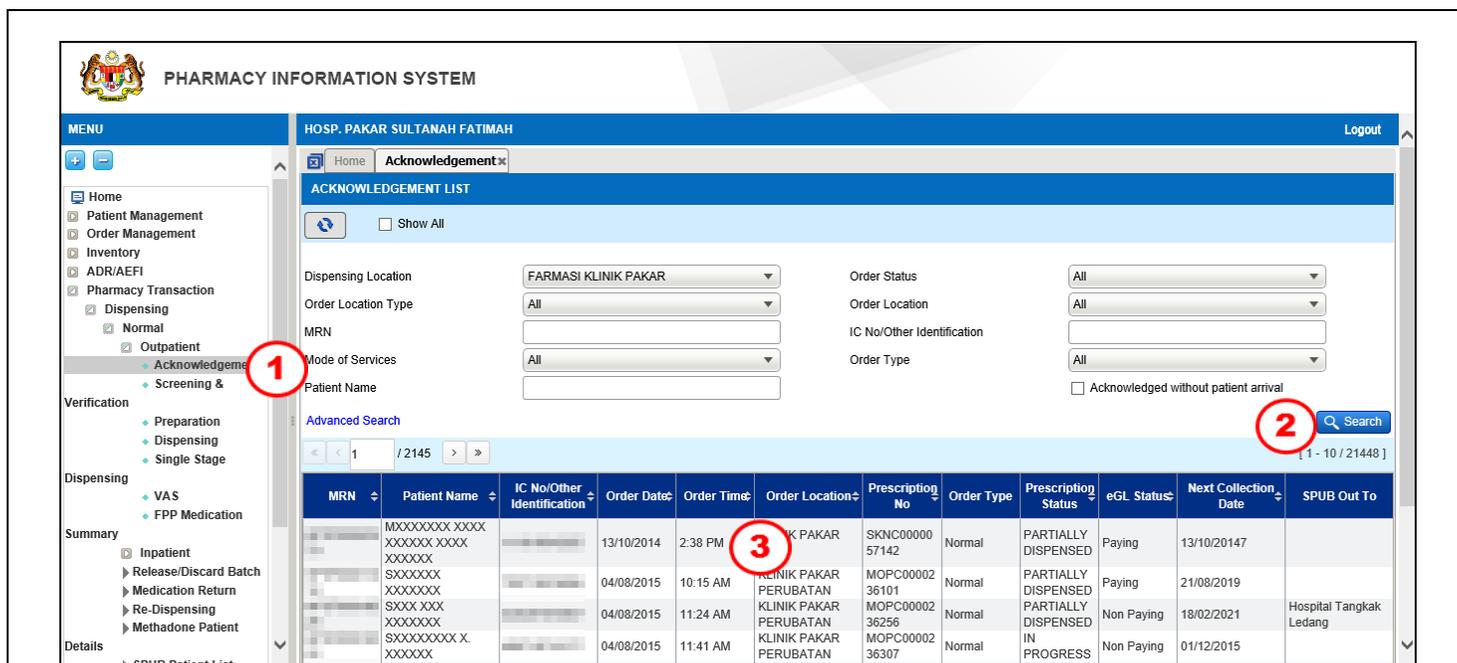


Figure 3.1.1-1 Pharmacy Acknowledgement Listing Page

STEP 1

Click on the 'Acknowledgement' sub menu

Note

- By default, list of patients will be display according to pharmacist's location access.
- Various search criteria are provided as below:

Basic Search			
No	Field	Description	Remark
a	Show All	Check box	Able to view all patient record
b	Dispensing Location	Dispensing location. (It will list down all active location assigned to the user)	Able to filter and search patient's record by dispensing location
c	Order Status	- All - New Order - Partial Supply	Able to filter the order by order status
d	Order Location Type	Order location type (It will list down all active location type)	Able to filter and search patient's record name by order location type
e	Order Location	Order location. (It will list	Able to filter and search patient's record

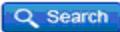
		down all active visit location)	by order location
f	MRN	Patient Medical Record Number	Search option: • Type the MRN either full or partial: <i>Example: HPSF00001234 or "1234"</i>
g	IC No/Other Identification	Identification Number	Allow to search by full or partial ID Number
h	Mode of Services	<ul style="list-style-type: none"> - All - Appointment Card - Comm. Apps in Smart Phone - Email and Take - Fax and Take - Leave and Collect - Locker4U - Normal Collection - Others - Telephone And Take - UMP - Walk-in/Without Appointment 	Allow user to search by patient registered with value added services for next collection
i	Order Type	<ul style="list-style-type: none"> -All -Normal -SPUB -Discharge -Referred Patient 	All -Type of search from range Normal, SPUB, Discharge and Referred Patient Normal – Prescription from normal order SPUB - Prescription from SPUB order Discharge - Prescription from Discharge order Referred Patient – Prescription from referred patient
j	Patient Name	Name of Patient	Allow to search by patient name
k	Acknowledged without patient arrival	Check box	Able to filter and search patients' record which was acknowledged without patient arrival
Advanced Search			
a	Order Date from	Order date from	Able to filter and search patient's record by order date from
b	Order Date To	Order date to	Able to filter and search patient's record by order date to
c	Next Collection Date From	Next Collection Date From	Able to filter and search patient's record by next collection date from
d	Next Collection Date To	Next Collection Date To	Able to filter and search patient's record by Next Collection Date to
e	eGL Status	<ul style="list-style-type: none"> - All - Paying - Non Paying 	Able to filter and search patient's record by eGL status
f	Patient Type	<ul style="list-style-type: none"> - All - Outpatient - Inpatient 	Able to filter and search patient's type
g	Clinic TCA Date	Clinic TCA Date	Able to filter and search patient's record by Clinic TCA Date



h	SPUB Out	- All - No - Yes	Able to filter and search patient's record by SPUB Out
---	----------	------------------------	--

Table 3.1.1-1

STEP 2

Click on the  button to search the patient

Note

Search result of patient list will display:

- MRN
- Patient Name
- IC No/Other Identification
- Order Date
- Order Time
- Order Location
- Prescription No
- Order Type
- Prescription Status
- eGL Status
- Next Collection Date
- SPUB Out To

STEP 3

Double click on the selected patient record and patient detail information will be display as per **Figure 3.1.1-2**

PHARMACY ACKNOWLEDGEMENT

Print Queue No  


DXXX XXX XXXX
Mykad 560518085738
Age 66 Years 07 Months 17 Days
Gender Female
MRN H-XXXXXX

Address
Phone And Email
Diagnosis
Allergy: No Known Allergies
Vital Sign

Height cm
 Weight kg
 BMI/BSA 0/0 m²
 (Last Updated :)
Nationality : Warganegara


[Demographic](#) | [Medication Profile](#) | [Pharmacist Notes](#) | [MTAC History](#) | [Monitoring Parameter](#) | [Counselling History](#) | [Other Appointment](#) | [VAS History](#)

Encounter No: 0006 Actual Visit Date: 13/09/2022 Attending Practitioner:  Visit Location: MOPD Rx No: MED0001121876 Order By:  Prescriber Dept: General Medicine

PHARMACY ACKNOWLEDGEMENT

Patient Arrived Arrived Date Arrived Time

Queue No Queue Series Dispensing Location

Collector Name Relationship SPUB

PRESCRIPTIONS

Drug Name	Dosage Form	Drug Route	Dose	Frequency	Duration	Order Qty	Dispensed Qty	Balance	Start Date / Time	End Date / Time	Status	Remarks
Metformin HCl 500 mg Tablet	Oral Tablet	Oral	500 mg	BID	95 Days	190 tablet	0	190 tablet	13/09/2022 10:09:09 AM	17/12/2022 10:09:09 AM	Expired	Remark
Amlodipine 5 mg Tablet	Oral Tablet	Oral	5 mg	OM	5 Months	150 tablet	0	150 tablet	13/09/2022 10:09:09 AM	10/02/2023 10:09:09 AM	Ordered	Remark
Fruzemide 40 mg Tablet	Oral Tablet	Oral	40 mg	OM	99 Days	99 tablet	0	99 tablet	13/09/2022 10:09:09 AM	21/12/2022 10:09:09 AM	Expired	Remark

Figure 3.1.1-2 Pharmacy Acknowledgement

Note

- When the selected patient name is clicked, the summary of patient information will be display in the patient banner. The patient banner will be displayed at the specific screen only when patient information is required. Below is the list of patient information:

Description	Remarks
Patient banner	a. Patient Name

	<ul style="list-style-type: none"> b. Patient Address c. Patient IC Number d. Patient Phone and Email e. Patient Diagnosis f. Patient Age g. Patient Allergy h. Patient Gender i. Patient MRN
Patient clinical information	<ul style="list-style-type: none"> a. ADR <ul style="list-style-type: none"> - Adverse Drug Reaction record b. Lab Results <ul style="list-style-type: none"> - Patient's laboratory TDM test result c. Counselling History <ul style="list-style-type: none"> - Medication Counselling records d. Demographic <ul style="list-style-type: none"> - Patient demographic e. Pharmacist Notes <ul style="list-style-type: none"> - Notes for MTAC, Ward Pharmacy and TDM f. Medication Profile <ul style="list-style-type: none"> - Patient current and previous medication history g. Other Appointments <ul style="list-style-type: none"> - Appointments recorded for the patient
Current visit Information	<ul style="list-style-type: none"> a. Visit number b. Attending practitioner c. Visit date d. Visit location e. Room No / Bed No f. Rx No

Table 3.1.1-2

- The pharmacy acknowledgement screen consists of 2 sections:

a. Pharmacy acknowledgement

Description	Remarks
Patient arrived check box	Once user checks on this checkbox, system will capture the system date and time. This date and time will be displayed in 'Arrived date' and 'Arrival time' field.
Queue number	System will auto generate queue number. This number will be reset on a daily basis
Collector name	Name of person who collects the prescription.
Arrived date	Once user checks on 'Patient arrival' checkbox, arrival date will be captured and displayed
Arrived time	Once user checks on 'Patient arrival' checkbox, arrival time will be captured and displayed

Queue Series	<i>This field will show the queue series in a drop down combo box based on the 'Queue Series' values configured in the system parameter table</i>
Dispensing location	<i>Pharmacy location</i>
Relationship	<i>relationship of the collector with the patient in a drop down combo box based on the 'Relationship with patient'</i>

Table 3.1.1-3

b.Prescription

Description	Remarks
Drug Name	<i>Name of drug ordered by prescriber.</i>
Dosage form	<i>Form of drug for the prescribed drug.</i>
Drug route	<i>Route selected by prescriber.</i>
Dose	<i>Dosage ordered from prescriber</i>
Frequency	<i>Frequency ordered from prescriber</i>
Duration	<i>Drug duration</i>
Order quantity	<i>Ordered quantity</i>
Start Date	<i>Medication start date</i>
End date / time	<i>Medication end date</i>
Status	<i>Prescription status</i>
Remarks	<i>Drugs remarks from prescriber</i>

Table 3.1.1-4

STEP 4

Click on the **Patient Arrived** check box to confirm patient arrival

Note

- **Arrived Date and Arrived Time** will be defaulted to current date and time.
- **Collector Name and Relationship** will be default to the patient's name. If collecting on behalf of patient, user may enter the collector details.

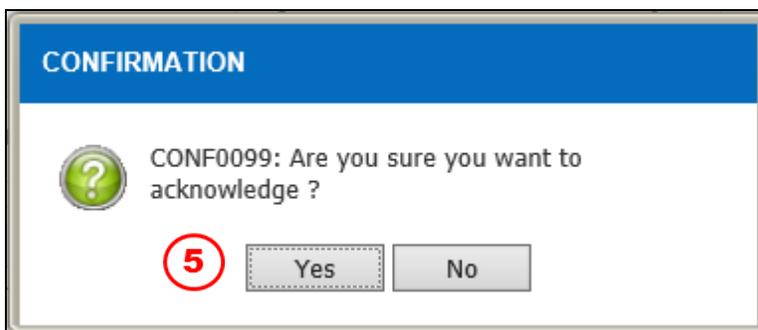


Figure 3.1.1-3 Confirmation Alert Message

STEP 5

Click on the  button to acknowledge the patient

Note

- User can acknowledge medication with Hold status as well.
- Upon acknowledged patient arrival, user may print **Queue No** by clicking on the  button as per **Figure 3.1.1-4**. The queue no is display as per **Figure 3.1.1-5**.
- Queue Ticket Number will be auto generated, this number based on values set in the master table. User can set starting value based on queue series. This number will be reset daily.
- Queue Ticket Number will display:
 - a) Department.
 - b) Facility Name.
 - c) Queue Number.
 - d) Date and Time.
- Printing the system's queue number is only applicable for certain facility.

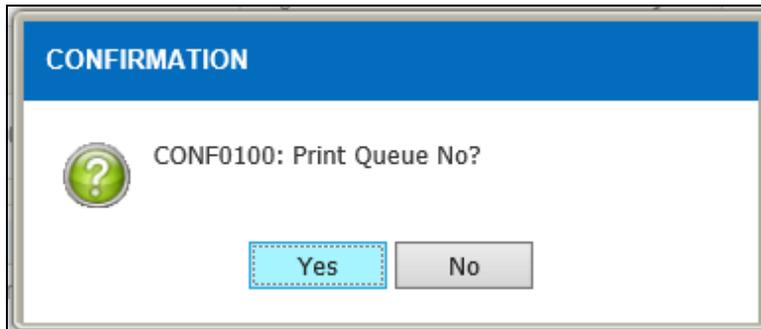


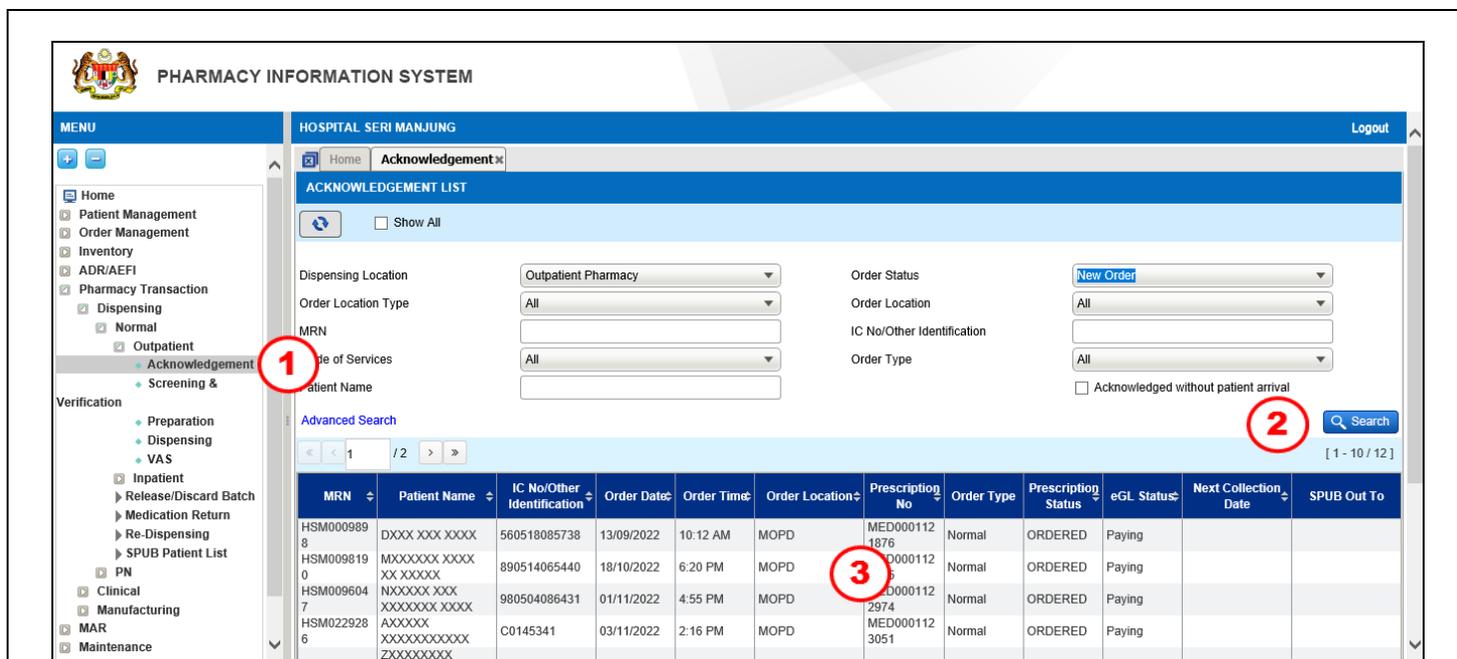
Figure 3.1.1-4 Confirmation Alert Message



Figure 3.1.1-5 Queue Ticket Number Sample

3.1.2 Acknowledge Without Patient Arrival

Allow user to acknowledge prescription without patient arrival.



PHARMACY INFORMATION SYSTEM

HOSPITAL SERI MANJUNG

Home Acknowledgement x

ACKNOWLEDGEMENT LIST

Show All

Dispensing Location: Outpatient Pharmacy

Order Status: New Order

Order Location Type: All

Order Location: All

MRN: []

IC No/Other Identification: []

Order Type: All

Acknowledged without patient arrival

Advanced Search [Search] [1 - 10 / 12]

MRN	Patient Name	IC No/Other Identification	Order Date	Order Time	Order Location	Prescription No	Order Type	Prescription Status	eGL Status	Next Collection Date	SPUB Out To
HSM000989	DXXX XXX XXXX	560518085738	13/09/2022	10:12 AM	MOPD	MED0001121876	Normal	ORDERED	Paying		
HSM0009819	MXXXXX XXXX XX XXXX	890514065440	18/10/2022	6:20 PM	MOPD	0000112	Normal	ORDERED	Paying		
HSM0009604	NXXXXX XXXX XXXXXXXX XXXX	980504086431	01/11/2022	4:55 PM	MOPD	00001122974	Normal	ORDERED	Paying		
HSM022928	AXXXXX XXXXXXXXXXXX ZXXXXXXXXX	C0145341	03/11/2022	2:16 PM	MOPD	MED0001123051	Normal	ORDERED	Paying		

Figure 3.1.2-1 Pharmacy Acknowledgement Listing Page

STEP 1

Click on the 'Pharmacy Acknowledgement' sub menu

Note

Various search criteria are provided as below:

Basic Search			
No	Field	Description	Remark
a	Show All	Check box	Able to view all patient record
b	Dispensing Location	Dispensing location. (It will list down all active location assigned to the user)	Able to filter and search patient's record by dispensing location
c	Order Status	- All - New Order - Partial Supply	Able to filter the order by order status
d	Order Location Type	Order location type (It will list down all active location type)	Able to filter and search patient's record name by order location type
e	Order Location	Order location. (It will list down all active visit location)	Able to filter and search patient's record by order location
f	MRN	Patient Medical Record Number	Search option: <ul style="list-style-type: none"> Type the MRN either full or partial: Example: HPSF00001234 or "1234"

g	IC No/Other Identification	Identification Number	Allow to search by full or partial ID Number
h	Mode of Services	<ul style="list-style-type: none"> - All - Appointment Card - Comm. Apps in Smart Phone - Email and Take - Fax and Take - Leave and Collect - Locker4U - Normal Collection - Others - Telephone And Take - UMP - Walk-in/Without Appointment 	Allow user to search by patient registered with value added services for next collection
i	Order Type	<ul style="list-style-type: none"> -All -Normal -SPUB -Discharge -Referred Patient 	All -Type of search from range Normal, SPUB, Discharge and Referred Patient Normal – Prescription from normal order SPUB - Prescription from SPUB order Discharge - Prescription from Discharge order Referred Patient – Prescription from referred patient
j	Patient Name	Name of Patient	Allow to search by patient name
k	Acknowledged without patient arrival	Check box	Able to filter and search patients' record which was acknowledged without patient arrival
Advanced Search			
a	Order Date from	Order date from	Able to filter and search patient's record by order date from
b	Order Date To	Order date to	Able to filter and search patient's record by order date to
c	Next Collection Date From	Next Collection Date From	Able to filter and search patient's record by next collection date from
d	Next Collection Date To	Next Collection Date To	Able to filter and search patient's record by Next Collection Date to
e	eGL Status	<ul style="list-style-type: none"> - All - Paying - Non Paying 	Able to filter and search patient's record by eGL status
f	Patient Type	<ul style="list-style-type: none"> - All - Outpatient - Inpatient 	Able to filter and search patient's type
g	Clinic TCA Date	<ul style="list-style-type: none"> - Clinic TCA Date 	Able to filter and search patient's record by Clinic TCA Date
h	SPUB Out	<ul style="list-style-type: none"> - All - No - Yes 	Able to filter and search patient's record by SPUB Out

Table 3.1.2-1

STEP 2

Click on the  button to search the patient

STEP 3

Double click on the selected patient's details

PHARMACY ACKNOWLEDGEMENT

Print Queue No [] Acknowledge [X]

Patient Arrived
 Arrived Date [] Arrived Time []
 Queue No [] Queue Series [Normal] Dispensing Location [Outpatient Pharmacy]
 Collector Name [DXXX XXX XXXX] Relationship [Patient] SPUB []

PRESCRIPTIONS

Drug Name	Dosage Form	Drug Route	Dose	Frequency	Duration	Order Qty	Dispensed Qty	Balance	Start Date / Time	End Date / Time	Status	Remarks
Metformin HCl 500 mg Tablet	Oral Tablet	Oral	500 mg	BID	95 Days	190 tablet	0	190 tablet	13/09/2022 10:09:09 AM	17/12/2022 10:09:09 AM	Expired	Remark
Amlodipine 5 mg Tablet	Oral Tablet	Oral	5 mg	OM	5 Months	150 tablet	0	150 tablet	13/09/2022 10:09:09 AM	10/02/2023 10:09:09 AM	Ordered	Remark
Fruzemide 40 mg Tablet	Oral Tablet	Oral	40 mg	OM	99 Days	99 tablet	0	99 tablet	13/09/2022 10:09:09 AM	21/12/2022 10:09:09 AM	Expired	Remark

Figure 3.1.2-2 Pharmacy Acknowledgement

STEP 4

Click on the Acknowledge button to acknowledge the prescription

Note

The process is same as acknowledge with patient arrival, except the **Patient Arrived** checkbox is not selected.

CONFIRMATION

CONF0099: Are you sure you want to acknowledge ?

5 Yes No

Figure 3.1.2.3 Confirmation Alert Message

STEP 5

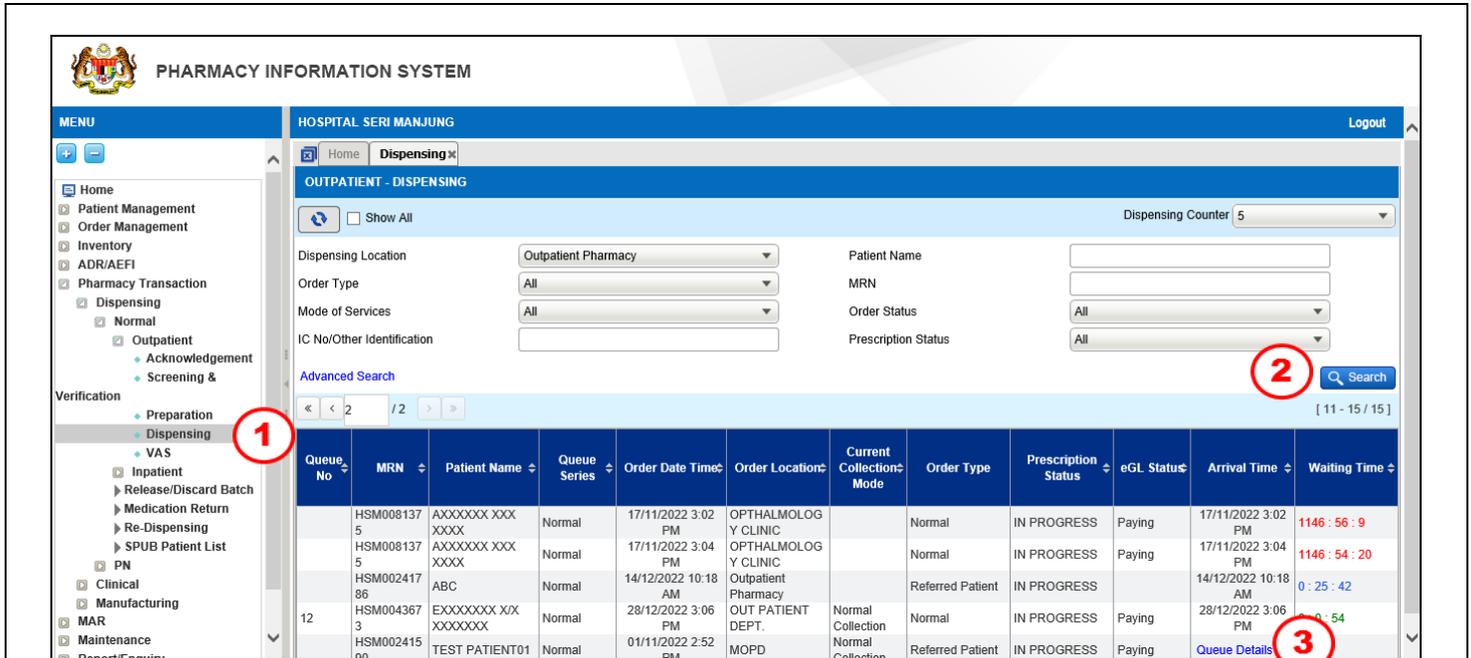
Click on the Yes button to confirm the acknowledgement

STEP 6

Click on the button to close existing screen as per **Figure 3.1.2-2**

3.1.3 Queue Details

This function allows user to assign queue number for patient upon patient arrival



PHARMACY INFORMATION SYSTEM

HOSPITAL SERI MANJUNG

Logout

Home | Dispensing

OUTPATIENT - DISPENSING

Dispensing Counter: 5

Dispensing Location: Outpatient Pharmacy

Order Type: All

Mode of Services: All

IC No/Other Identification:

Patient Name:

MRN:

Order Status: All

Prescription Status: All

Advanced Search

Search

[11 - 15 / 15]

Queue No	MRN	Patient Name	Queue Series	Order Date Time	Order Location	Current Collection Mode	Order Type	Prescription Status	eGL Status	Arrival Time	Waiting Time
	HSM0081375	AXXXXXX XXXX	Normal	17/11/2022 3:02 PM	OPHTHALMOLOGY CLINIC		Normal	IN PROGRESS	Paying	17/11/2022 3:02 PM	1146 : 56 : 9
	HSM0081375	AXXXXXX XXXX	Normal	17/11/2022 3:04 PM	OPHTHALMOLOGY CLINIC		Normal	IN PROGRESS	Paying	17/11/2022 3:04 PM	1146 : 54 : 20
	HSM00241786	ABC	Normal	14/12/2022 10:18 AM	Outpatient Pharmacy		Referred Patient	IN PROGRESS		14/12/2022 10:18 AM	0 : 25 : 42
12	HSM0043673	EXXXXXXX XXXXXXXX	Normal	28/12/2022 3:06 PM	OUT PATIENT DEPT.	Normal Collection	Normal	IN PROGRESS	Paying	28/12/2022 3:06 PM	0 : 0 : 54
	HSM00241590	TEST PATIENT01	Normal	01/11/2022 2:52 PM	MOPD	Normal Collection	Referred Patient	IN PROGRESS	Paying	Queue Details	

Figure 3.1.3-1 Pharmacy Dispensing Listing Screen

STEP 1

Click on the 'Dispensing' sub menu

STEP 2

Search the patient's record using the searching criteria

Note

Various search criteria are provided as below:

Basic Search			
No	Field	Description	Remark
a	Show All	Check box	Able to view all patient record
b	Dispensing Location	Dispensing location. (It will list down all active location assigned to the user)	Able to filter and search patient's record by dispensing location
c	Patient Name	Name of Patient	Allow to search by patient name
d	Order Type	-All -Normal -SPUB -Discharge -Referred Patient	All -Type of search from range Normal, SPUB, Discharge and Referred Patient Normal – Prescription from normal order SPUB - Prescription from SPUB order Discharge - Prescription from Discharge order Referred Patient – Prescription from referred patient
e	MRN	Patient Medical Record Number	Search option: • Type the MRN either full or partial:

			<i>Example: HPSF00001234 or "1234"</i>
f	Mode of Services	<ul style="list-style-type: none"> - All - Appointment Card - Comm. Apps in Smart Phone - Email and Take - Fax and Take - Leave and Collect - Locker4U - Normal Collection - Others - Telephone And Take - UMP - Walk-in/Without Appointment 	Allow user to search by patient registered with value added services for next collection
g	Order Status	<ul style="list-style-type: none"> - All - New Order - Partial Supply 	Able to filter the order by order status
h	IC No/Other Identification	Identification Number	Allow to search by full or partial ID Number
i	Prescription Status	<ul style="list-style-type: none"> - All - Hold - Expired 	Able to filter by prescription status
Advanced Search			
a	Order Location	Order location. (It will list down all active visit location)	Able to filter and search patient's record by order location
b	Order Location Type	<ul style="list-style-type: none"> - All - Clinic - Day Care - ER - Nursing Unit - Pharmacy 	Able to filter and search patient's record by order location type
c	Order Date from	Order date from	Able to filter and search patient's record by order date from
d	Order Date To	Order date to	Able to filter and search patient's record by order date to
e	Queue Date	Queue Date	Able to patient's record by queue date
f	Queue Series	<ul style="list-style-type: none"> - All - Normal - Express - Special - Others 	Able to filter and search patient's record by Queue series
g	Queue No	Queue No	Able to filter and search by Queue No
h	Next Dispense At	<ul style="list-style-type: none"> - All - Drive Through Counter - Pharmacy Counter - Bedside - PPUSS 	Able to filter and search patient's record by Next Dispense At

Table 3.1.3-1

STEP 3

Click on the **Queue Details** hyperlink

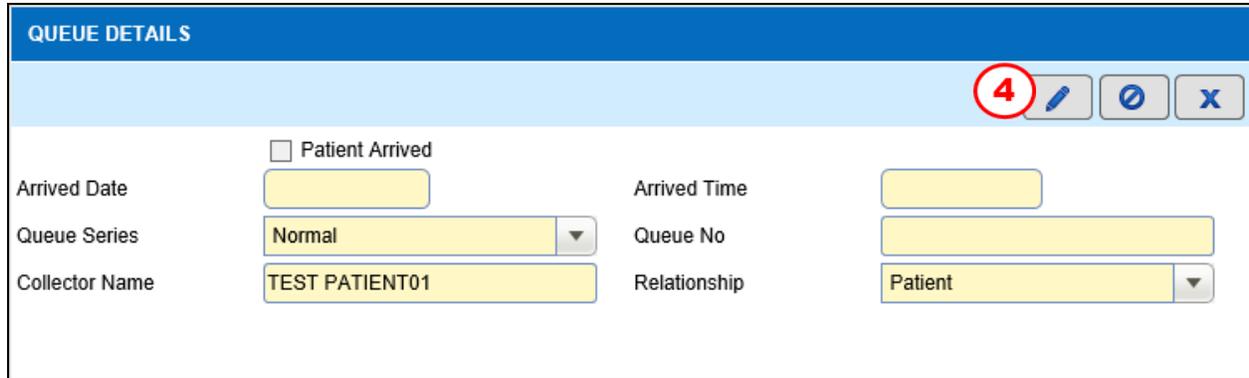


Figure 3.1.3-2 Queue Details

STEP 4

Click on the  button

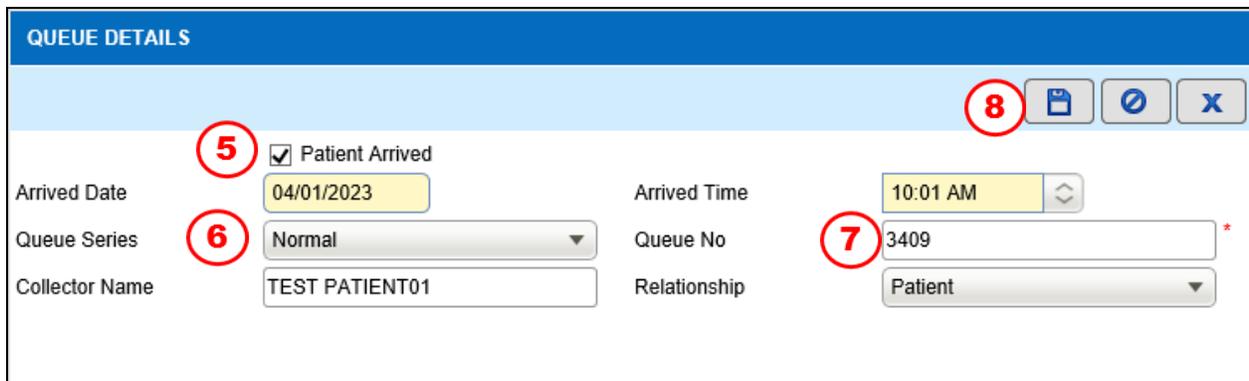


Figure 3.1.3-3 Queue Details

STEP 5

Click on the  check box at **Patient Arrived**

Note

Arrived Date and **Arrived Time** will be auto generated.

STEP 6

Select **Queue Series** as listed:

- Normal
- Express
- Special
- Others

STEP 7

Enter queue number

Note

- *At Collector Name, patient name will be generated automatically but user able to edit and type in collector name manually.*
- *User also able to select collector relationship to the patient.*

STEP 8

Click on  the button to save record

3.2 Screening and Verification

This function is used to verify prescription recorded by pharmacist.

3.2.1 Verify Prescription

This screen allow user to do a checking and verification on the prescription.

Figure 3.2.1-1 Screening & Verification Listing Screen

STEP 1

Click on 'Screening & Verification' sub menu

Note

Various search criteria are provided as below:

Basic Search			
No	Field	Description	Remark
a	Show All	Check box	Able to view all patient record
b	Dispensing Location	Dispensing location. (It will list down all active location assigned to the user)	Able to filter and search patient's record by dispensing location
c	Patient Name	Name of Patient	Allow to search by patient name
d	Order Type	-All -Normal -SPUB -Discharge -Referred Patient	All -Type of search from range Normal, SPUB, Discharge and Referred Patient Normal – Prescription from normal order SPUB - Prescription from SPUB order Discharge - Prescription from Discharge order Referred Patient – Prescription from referred patient
e	MRN	Patient Medical Record Number	Search option: <ul style="list-style-type: none"> Type the MRN either full or partial: Example: HPSF00001234 or "1234"



f	Mode of Services	<ul style="list-style-type: none"> - All - Appointment Card - Comm. Apps in Smart Phone - Email and Take - Fax and Take - Leave and Collect - Locker4U - Normal Collection - Others - Telephone And Take - UMP - Walk-in/Without Appointment 	Allow user to search by patient registered with value added services for next collection
g	Order Status	<ul style="list-style-type: none"> -All -Normal -SPUB -Discharge -Referred Patient 	All -Type of search from range Normal, SPUB,Discharge and Referred Patient Normal – Prescription from normal order SPUB - Prescription from SPUB order Discharge - Prescription from Discharge order Referred Patient – Prescription from referred patient
h	IC No/Other Identification	Identification Number	Allow to search by full or partial ID Number
i	Prescription Status	<ul style="list-style-type: none"> - All - Hold - Expired 	Able to filter by prescription status
Advanced Search			
a	Order Location	Order location. (It will list down all active visit location)	Able to filter and search patient's record by order location
b	Order Location Type	<ul style="list-style-type: none"> - All - Clinic - Day Care - ER - Nursing Unit - Pharmacy 	Able to filter and search patient's record by order location type
c	Order Date from	Order date from	Able to filter and search patient's record by order date from
d	Order Date To	Order date to	Able to filter and search patient's record by order date to
e	Next Collection Date From	Next Collection Date From	Able to filter and search patient's record by next collection date from
f	Next Collection Date To	Next Collection Date To	Able to filter and search patient's record by next collection date to
g	Queue Date	Queue Date	Able to patient's record by queue date
h	Queue Series	<ul style="list-style-type: none"> - All - Normal - Express - Special - Others 	Able to filter and search patient's record by Queue series
i	Queue No	Queue No	Able to filter and search by Queue No
j	Next Dispense At	<ul style="list-style-type: none"> - All 	Able to filter and search patient's record

		- Drive Through Counter - Pharmacy Counter - Bedside - PPUSS	by Next Dispense At
k	Clinic TCA Date	Clinic TCA Date	Able to filter and search patient's record by Clinic TCA Date
l	SPUB Out	- All - No - Yes	Able to filter and search patient's record by SPUB Out

Table 3.2.1-1

STEP 2

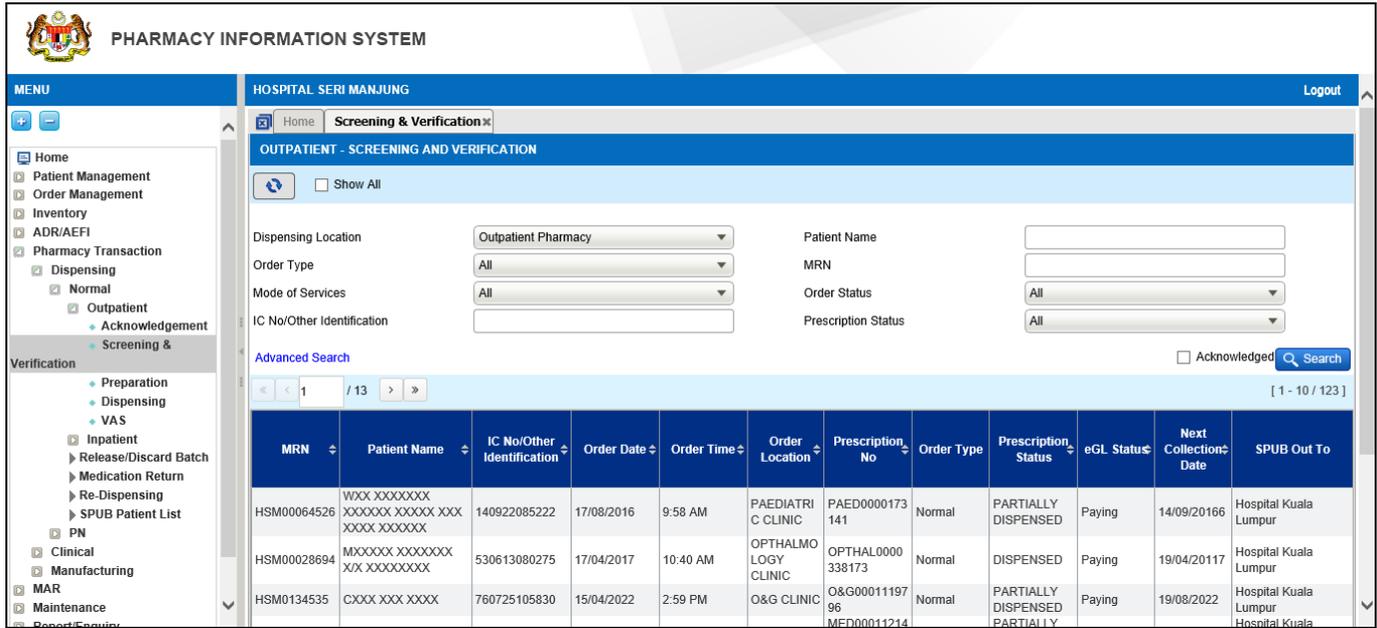
Click on the



button to search the patient

Note

- Search result of the current order patient list will be displayed:
 - Queue No
 - MRN
 - Patient Name
 - Queue Series
 - Order Date Time
 - Order Location
 - Current Collection Mode
 - Order Type
 - Prescription Status
 - Arrival Time
 - Waiting Time
- Patient waiting time is showed at screening & verification, preparation, and dispensing screen.
- Waiting time will be auto display when generate queue number.
- Waiting time will be in hh:mm:ss format. Example 1:20:10
- Waiting time will be shown with different colours and indicates as below.
 - a) Red - Patient has waited for more than 30 minutes.
 - b) Navy Blue - Patient has waited for more than 20 minutes but less than 30 minutes.
 - c) Green - Patient has waited for less than 20 minutes.
- For prescription without patient arrival, search result of the current order list will be displayed as figure 3.2.1-2



PHARMACY INFORMATION SYSTEM

HOSPITAL SERI MANJUNG Logout

Home **Screening & Verification**

OUTPATIENT - SCREENING AND VERIFICATION

Show All

Dispensing Location: Patient Name:

Order Type: MRN:

Mode of Services: Order Status:

IC No/Other Identification: Prescription Status:

Advanced Search Acknowledged

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MRN	Patient Name	IC No/Other Identification	Order Date	Order Time	Order Location	Prescription No	Order Type	Prescription Status	eGL Status	Next Collection Date	SPUB Out To
HSM00064526	WXX XXXXXXXX XXXXXXXX XXXX XXXX XXXXXXXX XXXXXXXX	140922085222	17/08/2016	9:58 AM	PAEDIATRI C CLINIC	PAED0000173 141	Normal	PARTIALLY DISPENSED	Paying	14/09/20166	Hospital Kuala Lumpur
HSM00028694	MXXXXX XXXXXXXX XX XXXXXXXX	530613080275	17/04/2017	10:40 AM	OPHTHALMO LOGY CLINIC	OPHTHAL0000 338173	Normal	DISPENSED	Paying	19/04/20117	Hospital Kuala Lumpur
HSM0134535	CXXX XXX XXXX	760725105830	15/04/2022	2:59 PM	O&G CLINIC	O&G00011197 96 MED00011214	Normal	PARTIALLY DISPENSED PARTIALLY	Paying	19/08/2022	Hospital Kuala Lumpur Hospital Kuala

Figure 3.2.1-2 Screening & Verification

- Search result will be displayed:
 - MRN
 - Patient Name
 - IC No/Other Identification
 - Order Date
 - Order Time
 - Order Location
 - Prescription No
 - Order Type
 - Prescription Status
 - eGL Status
 - Next Collection Date
 - SPUB Out To

STEP 3

Double click on the selected patient record and patient detail information will be display as per **Figure 3.2.1-3**

SCREENING AND VERIFICATION

Print Patient Label Print Intervened Prescription Print Original Prescription

	Mykad	Age 43 Years 02 Days	Gender Male	MRN HSM00241688
Address	Phone And Email	Diagnosis	Allergy: No Known Allergies	Vital Sign

Height 180 cm Weight 78 kg BMI/BSA 24.1 / 1.97 m² Update (Last Updated : 04/01/2023) Nationality : Warganegara

Demographic | Medication Profile | Pharmacist Notes | MTAC History | Monitoring Parameter | Counselling History | Other Appointment | VAS History

Encounter No: 0002 Actual Visit Date: 04/01/2023 Attending Practitioner: Visit Location: MOPD Rx No: MED0001123685 Order By: Prescriber Dept:

PHARMACY ACKNOWLEDGEMENT Print Queue No

Patient Arrived Queue Series Normal Queue No Arrival Time 04/01/2023 10:12 AM Collector Name ABU BAKAR BIN KASSIM Relationship

PHARMACY ORDER

Clinic TCA	No. of Days: 0	Current Collection Mode	Normal Collection	SPUB Out	<input type="checkbox"/> SPUB SPUB R1 Form
Next Collection Date	04/01/2023 Total Patient: 16	Next Collection Mode		Dispense At	
Supply Duration	30 Days	Next Collection Location	Outpatient Pharmacy	Next Dispense At	
Adherence Score	MPR History				

PRESCRIPTION ENGLISH PROCEED TO PREPARATION

Label Print Label Full Supply Allocate Verify

Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneous
Paracetamol 500 mg Tablet	1000 mg, TID, Oral, 3 Months 04/01/2023 10:11 AM - 04/04/2023 10:11 AM	10 tablet	0 tablet	0 <input type="checkbox"/> Alternate	0 tablet <input type="checkbox"/> POMs	0 tab	10 tablet (90 day(s))	Remarks Detail	<input type="checkbox"/> Detail	
Prednisolone 5 mg Tablet	5 mg, OD, Oral, 3 Months 04/01/2023 10:11 AM - 04/04/2023 10:11 AM	90 tablet	0 tablet	0 <input type="checkbox"/> Alternate	0 tablet <input type="checkbox"/> POMs	0 tab	90 tablet (90 day(s))	Remarks Detail	<input type="checkbox"/> Detail	
Metformin HCl 500 mg Tablet	500 mg, BID, Oral, 3 Months 04/01/2023 10:12 AM - 04/04/2023 10:12 AM	180 tablet	0 tablet	0 <input type="checkbox"/> Alternate	0 tablet <input type="checkbox"/> POMs	0 tab	180 tablet (90 day(s))	Remarks Detail	<input type="checkbox"/> Detail	
Amlodipine 10 mg Tablet	10 mg, OM, Oral, 3 Months 04/01/2023 10:12 AM - 04/04/2023 10:12 AM	90 tablet	0 tablet	0 <input type="checkbox"/> Alternate(C)	0 tablet <input type="checkbox"/> POMs	0 tab	90 tablet (90 day(s))	Remarks Detail	<input type="checkbox"/> Detail	

Figure 3.2.1-3 Screening & Verification screen

Note

Screening and verification screen consist of 3 (three) sections:

a. Pharmacy Acknowledgement

Description	Remarks
Patient Arrived	Patient acknowledged arrived
Queue Series	Queue series as of in system configured
Queue Number	System will auto generate queue number. This number will be reset on a daily basis
Arrival Time	Patient arrived time and date based on "Patient Arrived"
Collector Name	Name of the person who collects the prescription
Relationship	Relationship between patient and collector

Table 3.2.1-2

b. Pharmacy order

Description	Remarks
Clinic TCA	To come Again
Next Collection Date	Next collection date
Supply Duration	Drug to be supply based on ordered duration
Current Collection Mode	Current collection mode
Next collection mode (Value Added Services)	To select the mode of collection
Next Collection Location	Next collection location to be collect
SPUB	Patient taking medicine from other hospital
Dispense at	Pharmacy location
Adherence Score	Score to be entered between 1 to 8 with max 2 decimal points
MAR	Information regarding the medication as per ward medication chart

Table 3.2.1-3

c. Prescription

Description	Remarks
Drug Name	Ordered drug from prescriber
Order Detail	Ordered detail such as dose, frequency and duration
Order Qty	Order quantity from prescriber
Reserve Qty	Drugs quantity to be reserved
Dispense UOM Qty	Quantity available in UOM
Balance	Balance quantity and balance days
Remarks	Prescription remarks from prescriber
Drug Counseling	To view or create new medication counseling
Prev Disp Qty	Previous dispensed quantity
Extemporaneous	To prepare worksheet for extemporaneous
Prescriber Name	Doctor that ordered the prescription
Status	Drug status

Table 3.2.1-4

Note

- Drug Interaction and Drug Info at Dispensing screen (Screening, Preparation, Dispensing, Single Stage) is displayed under the drug name.
 - Drug Interaction = 
 - Drug Info = 
- If there are any drug interaction, this icon  will change to red colour  and once clicks, it will display the drug interaction screen info.
- This icon , will display the drug information screen
- If user enter Adherence Score more than value range configured by HQ, alert message will be displayed as figure 3.2.1-4

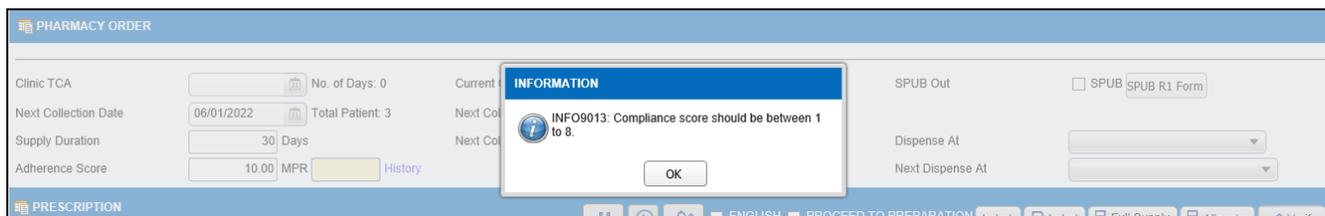


Figure 3.2.1-4 Adherence Score

- For Partial supply record that has Adherence Score recorded for previous dispensing, History link will be enable for user to click and view the information.
- Click on the History hyperlink to view information as figure 3.2.1-5

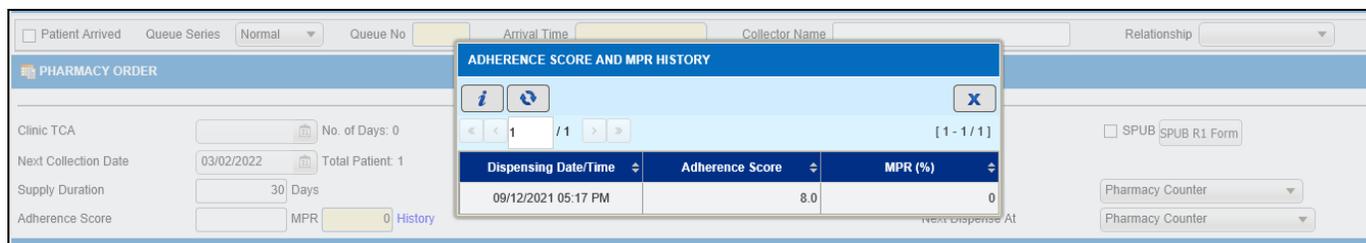
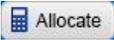


Figure 3.2.1-5 Adherence Score History

STEP 4

Click on  the button to confirm verification process

Note

- System will auto allocate reserve quantity after click on verify button
- User also may click on the  button to allocate reserve quantity at the Screening and Verification stage.
- To skip the preparation process, tick the  Proceed to Preparation check box.
- Click at the  Reserve quantity checkbox if there is no stock for a particular drug to dispense '0'quantity.
- Supply duration will default to 30 if the order duration is >30 days.
- User able to do Intervention, Alternate/Combination and Hold drug at screening and verification screen by click on the  context menu. Refer steps starting in [section 3.2.2](#)
- After allocating, user also able to print the drug label. Refer steps in [section 3.3.3 Drug Label](#)
- Prescriber can change order concurrently while pharmacists have not verified order. System will display alert as Figure 3.2.1-6 and will appear in purple colored word

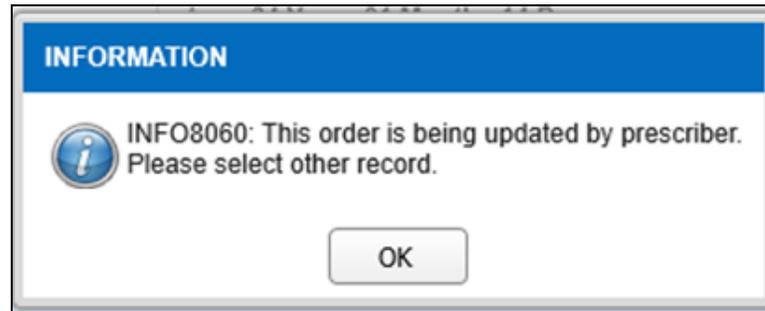


Figure 3.2.1-6 Information

STEP 5

Click on the button to save record

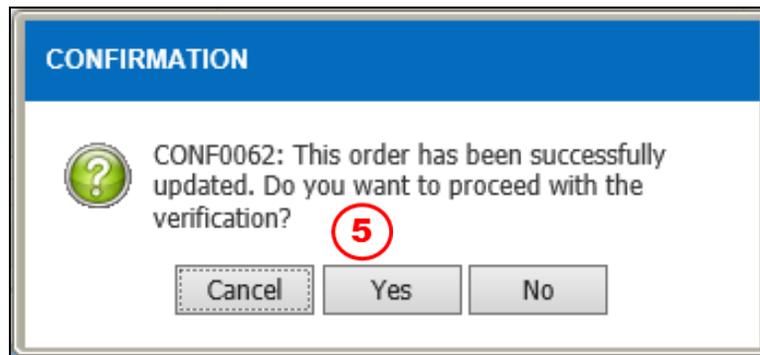


Figure 3.2.1-7 Confirmation Alert Message

3.2.2 Intervention

Perform following step to an Intervention function:

SCREENING AND VERIFICATION

Patient Label | Intervened Prescription | Original Prescription

Mykad: [REDACTED] Age: 43 Years 02 Days Gender: Male MRN: HSM00241688

Address: [REDACTED] Phone And Email: [REDACTED] Diagnosis: [REDACTED] Allergy: No Known Allergies Vital Sign: [REDACTED]

Height: 180 cm Weight: 78 kg BMI/BSA: 24.1 / 1.97 m² Update (Last Updated: 04/01/2023) Nationality: Warganegara

Demographic | Medication Profile | Pharmacist Notes | MTAC History | Monitoring Parameter | Counselling History | Other Appointment | VAS History

Encounter No: 0002 Actual Visit Date: 04/01/2023 Attending Practitioner: [REDACTED] Visit Location: MOPD Rx No: MED0001123685 Order By: [REDACTED] Prescriber Dept: [REDACTED]

PHARMACY ACKNOWLEDGEMENT Print Queue No

Patient Arrived Queue Series: Normal Queue No: [REDACTED] Arrival Time: 04/01/2023 10:12 AM Collector Name: ABU BAKAR BIN KASSIM Relationship: [REDACTED]

PHARMACY ORDER

Clinic TCA: [REDACTED] No. of Days: 0 Current Collection Mode: Normal Collection SPUB Out: SPUB SPUB R1 Form

Next Collection Date: 04/01/2023 Total Patient: 16 Next Collection Mode: [REDACTED] Dispense At: [REDACTED]

Supply Duration: 30 Days Next Collection Location: Outpatient Pharmacy Next Dispense At: [REDACTED]

Adherence Score: [REDACTED] MPR: [REDACTED] History

PRESCRIPTION ENGLISH PROCEED TO PREPARATION Label Label Full Supply Allocate Verify

	Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneous	Ph
<input type="checkbox"/>	Paracetamol 500 mg Tablet	1000 mg, TID, Oral, 3 Months 04/01/2023 10:11 AM - 04/04/2023 10:11 AM	10 tablet	0 tablet	0 <input type="checkbox"/> Alternate	0 tablet <input type="checkbox"/> POMs	0 tab	10 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DR. I AZLI H
<input type="checkbox"/>	Prednisolone 5 mg Tablet	5 mg, OD, Oral, 3 Months 04/01/2023 10:11 AM - 04/04/2023 10:11 AM	90 tablet	0 tablet	0 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	0 tab	90 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DR. I AZLI H
<input type="checkbox"/>	Metformin HCl 500 mg Tablet	500 mg, BID, Oral, 3 Months 04/01/2023 10:12 AM - 04/04/2023 10:12 AM	180 tablet	0 tablet	0 <input type="checkbox"/> Alternate	0 tablet <input type="checkbox"/> POMs	0 tab	180 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DR. I AZLI H
<input type="checkbox"/>	Amlodipine 10 mg Tablet	10 mg, OM, Oral, 3 Months 04/01/2023 10:12 AM - 04/04/2023 10:12 AM	90 tablet	0 tablet	0 <input type="checkbox"/> Alternate(C)	0 tablet <input type="checkbox"/> POMs	0 tab	90 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DR. I AZLI H

Figure 3.2.2-1 Screening & Verification

Note

Repeat step 1 to 3 as per [Figure 3.2.1 section Verify Prescription](#) before performs Intervention steps.

STEP 1

Select the drug and click at the button as per **Figure 3.2.2-1**

Note

Tick to select at least one drug before clicking the button

Modify with Reason ■ Reason only ■ Modify without Reason X

4

Drug Name: Order Detail: Reset

INTERVENTION

Selection	Intervention Reason	Remarks	Prescription		Dispensing Process	
			Accepted	Not Accepted	Accepted	Not Accepted
<input type="checkbox"/>	Authenticity		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Contraindication		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Drug Interaction		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="checkbox"/>	Drug Not In Formulary		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Inappropriate Dose	10mg	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Inappropriate Drug		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Inappropriate Duration		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Inappropriate Frequency		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

INTERVENTION

Selection	Intervention Reason	Remarks	Prescription		Dispensing Process	
			Accepted	Not Accepted	Accepted	Not Accepted
<input type="checkbox"/>	Incomplete Rx - Dose		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Incomplete Rx - Dr's Stamp and Sign		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Incomplete Rx - Drug		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Incomplete Rx - Duration		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Incomplete Rx - Frequency		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Incomplete Rx - Patient Data		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Others		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Polypharmacy		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

MODIFY ORDER

Drug Name	Dosage	Route	Frequency	Duration	Prescribed Qty	Start Date	End Date	Reasons
Prednisolone 5 mg Tablet	5 mg	Oral	OD (once daily)	3 Months	90 tablet	09/12/2021 11:46 /	09/03/2022 11:46 AM	<input type="button" value="+"/>

Figure 3.2.2-2 Intervention

STEP 2

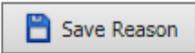
Select the **Intervention Reason** by clicking on the **Selection** checkbox. Reasons shall be selected as per below:

- Authenticity
- Contraindication
- Drug Interaction
- Drug Not In Formulary
- Inappropriate Dose
- Inappropriate Drug
- Inappropriate Duration
- Inappropriate Frequency
- Incompatibility
- Incomplete RX-Countersign
- Incomplete RX-Dose
- Incomplete RX-Dr's Stamp and Sign
- Incomplete RX-Drug
- Incomplete RX-Duration
- Incomplete RX-Frequency
- Incomplete RX-Patient Data
- Others
- Polypharmacy
- Unclear Handwriting
- Wrong Patient

STEP 3

Enter the **Remarks** and select either **Intervention Accepted** or **Intervention Not Accepted** checkbox for Prescription or Dispensing Process column

STEP 4

Click on the  button to save the changes made

INTERVENTION

■ Modify with Reason
 ■ Reason only
 ■ Modify without Reason
 Confirm

PHARMACY REMARKS
6

Drug Name: Order Detail: Reset Save Reason

INTERVENTION

Selection	Intervention Reason	Remarks	Prescription		Dispensing Process	
			Accepted	Not Accepted	Accepted	Not Accepted
<input type="checkbox"/>	Authenticity		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Contraindication		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Drug Interaction		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Drug Not In Formulary		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Inappropriate Dose		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Inappropriate Drug		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Inappropriate Duration		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Inappropriate Frequency		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

INTERVENTION

Selection	Intervention Reason	Remarks	Prescription		Dispensing Process	
			Accepted	Not Accepted	Accepted	Not Accepted
<input type="checkbox"/>	Incomplete Rx - Dose		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Incomplete Rx - Dr's Stamp and Sign		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Incomplete Rx - Drug		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Incomplete Rx - Duration		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Incomplete Rx - Frequency		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Incomplete Rx - Patient Data		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Others		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Polypharmacy		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

MODIFY ORDER

Drug Name	Dosage	Route	Frequency	Duration	Prescribed Qty	Start Date	End Date	Reasons
Prednisolone 5 mg Tablet	5 mg	Oral	OD (once daily)	3 Months	90 tablet	09/12/2021 11:46 AM	09/03/2022 11:46 AM	5 +

Figure 3.2.2-3 Modify Order

STEP 5

Change the Order details as required as per **Figure 3.2.2-3**

Note

- Background colour for the drugs change from grey to Yellow, means the records is being updated on the intervention reason but no modification been done.
- There were also some colour indicators highlighted for a drug row, when user do the intervention:
 - GREEN**- Modify with Intervention Reason: - user able to save changes.
 - YELLOW**- Add Reason only: - user able to save changes.
 - RED**-Modify without Reason: - user are not able to save changes. User need to add in at least one reason to save changes
- User is allowed to click on button at Modify Order section under Reasons column to view intervention history that has been made for the same drug at Screening & Verification screen or Preparation screen. Refer figure 3.2.2-4 for Intervention history dialog box

Sr No.	Reason	Remark	Status
1	Inappropriate Dose	10mg	<input checked="" type="checkbox"/> Active
2	Inappropriate Dose	10mg	<input checked="" type="checkbox"/> Active

Figure 3.2.2-4 Intervention History

STEP 6

Click on the button to confirm Modify Order

U. MANUAL_OP-13th E

Page 30

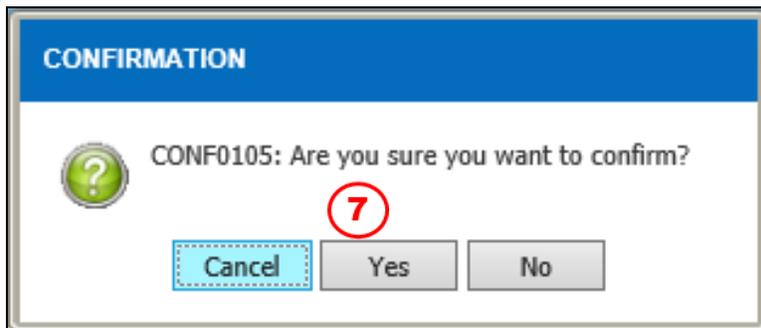


Figure 3.2.2-5 Confirmation alert message

STEP 7

Click on the  button to confirm drug Intervention

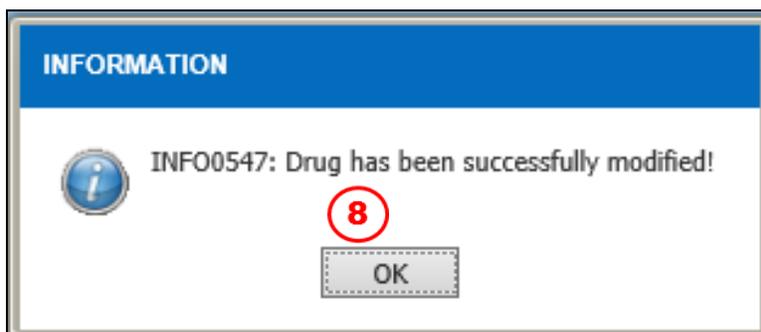


Figure 3.2.2-6 Information alert message

STEP 8

Click on the  button to save record

Note

Once the order has been successfully modified, a blue hyperlink with the intervention information will be display as per **Figure 3.2.2-7**.

PHARMACY ACKNOWLEDGEMENT Print Queue No												
PHARMACY ORDER												
PRESCRIPTION <input type="checkbox"/> ENGLISH <input type="checkbox"/> PROCEED TO PREPARATION <input type="button" value="Label"/> <input type="button" value="Label"/> <input type="button" value="Full Supply"/> <input type="button" value="Allocate"/> <input type="button" value="Verify"/> 												
	Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneous	Ph
<input type="checkbox"/>	Paracetamol 500 mg Tablet 	1000 mg, TID, Oral, 3 Months 04/01/2023 10:11 AM - 04/04/2023 10:11 AM	10 tablet	0 tablet	0 <input type="checkbox"/> Alternate	0 tablet <input type="checkbox"/> POMs	0 tab	10 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DR. I AZL H
<input type="checkbox"/>	Prednisolone 5 mg Tablet 	10 mg, OD, Oral, 3 Months 04/01/2023 10:11 AM - 04/04/2023 10:11 AM	180 tablet	0 tablet	0 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	0 tab	180 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DR. I AZL H
<input type="checkbox"/>	Metformin HCl 500 mg Tablet 	500 mg, BID, Oral, 3 Months 04/01/2023 10:12 AM - 04/04/2023 10:12 AM	180 tablet	0 tablet	0 <input type="checkbox"/> Alternate	0 tablet <input type="checkbox"/> POMs	0 tab	180 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DR. I AZL H
<input type="checkbox"/>	Amlodipine 10 mg Tablet 	10 mg, OM, Oral, 3 Months 04/01/2023 10:12 AM - 04/04/2023 10:12 AM	90 tablet	0 tablet	0 <input type="checkbox"/> Alternate(C)	0 tablet <input type="checkbox"/> POMs	0 tab	90 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DR. I AZL H

Figure 3.2.2-7 Updated Prescription

Note

- Allow user to do intervention for HOLD drug that does not have dispensed quantity in previous dispensing (Partial Supply) as shown in figure 3.2.2-8

PHARMACY ACKNOWLEDGEMENT Print Queue No													
PHARMACY ORDER													
PRESCRIPTION <input type="checkbox"/> ENGLISH <input type="checkbox"/> PROCEED TO PREPARATION <input type="button" value="Label"/> <input type="button" value="Label"/> <input type="button" value="Full Supply"/> <input type="button" value="Allocate"/> <input type="button" value="Verify"/> 													
	Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneous	Prescriber Name	Drug Status
<input type="checkbox"/>	Prednisolone 5 mg Tablet 	5 mg, OD, Oral, 3 Months 04/01/2023 10:25 AM - 04/04/2023 10:25 AM	90 tablet	30 tablet (04/01/2023)	0 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	0 tab	60 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		[Redacted]	Partially Dispensed
<input type="checkbox"/>	Metformin HCl 500 mg Tablet 	500 mg, BID, Oral, 3 Months 04/01/2023 10:25 AM - 04/04/2023 10:25 AM	180 tablet	0 tablet	0 <input type="checkbox"/> Alternate	0 tablet <input type="checkbox"/> POMs	0 tab	180 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		[Redacted]	Acknowledged/Hold
<input type="checkbox"/>	Paracetamol 500 mg Tablet 	1000 mg, TID, Oral, 2 Months 04/01/2023 10:25 AM - 05/03/2023 10:25 AM	10 tablet	10 tablet (04/01/2023)	0 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	0 tab	0 tablet (0 day(s))	Remarks	<input type="checkbox"/> Detail		[Redacted]	Dispensed

Figure 3.2.2-8 Hold Drug - Intervention

- Open patient record at screening and verification screen and search for partial dispensing with hold drug status
- Check on the drug with status "Acknowledged/Hold" checkbox and click on intervention button. Intervention screen will be displayed as shown in Figure 3.2.2-9 and user can proceed with intervention process

INTERVENTION

■ Modify with Reason
 ■ Reason only
 ■ Modify without Reason
 X

PHARMACY REMARKS

Drug Name:
 Order Detail:
Reset
Save Reason

INTERVENTION

Selection	Intervention Reason	Remarks	Prescription		Dispensing Process	
			Accepted	Not Accepted	Accepted	Not Accepted
<input type="checkbox"/>	Authenticity	<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Contraindication	<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Drug Administration Error	<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Drug Interaction	<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Drug Not In Formulary	<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Inappropriate Dose	<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Inappropriate Drug	<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Inappropriate Duration	<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

INTERVENTION

Selection	Intervention Reason	Remarks	Prescription		Dispensing Process	
			Accepted	Not Accepted	Accepted	Not Accepted
<input type="checkbox"/>	Incomplete Rx - Countersign	<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Incomplete Rx - Dose	<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Incomplete Rx - Dr's Stamp and Sign	<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Incomplete Rx - Drug	<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Incomplete Rx - Duration	<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Incomplete Rx - Frequency	<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Incomplete Rx - Patient Data	<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="checkbox"/>	Others	<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

MODIFY ORDER

Drug Name	Dosage	Route	Frequency	Duration	Prescribed Qty	Start Date	End Date	Reasons
Metformin HCl 500 mg Tablet	500 mg	Oral	BD (twice daily)	3 Months	180 tablet	04/01/2023 10:25	04/04/2023 10:25 AM	+

Figure 3.2-9 Hold Drug - Intervention

- *Intervention not applicable for hold record that has partial dispense quantity*
- *Intervention not applicable for normal drug status that dispensed with 0 quantity*



3.2.3 Alternate Drug

This function allows user to dispense different drugs from existing ordered drug with condition, alternate drug should contain same active ingredient and same administration route.

PHARMACY ACKNOWLEDGEMENT													Print Queue No				
PHARMACY ORDER																	
PRESCRIPTION																	
													Label	Label	Full Supply	Allocate	Verify
	Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneous	P					
<input type="checkbox"/>	Paracetamol 500 mg Tablet	1000 mg, TID, Oral, 3 Months 04/01/2023 10:11 AM - 04/04/2023 10:11 AM	10 tablet	0 tablet	0 <input type="checkbox"/> Alternate	0 tablet <input type="checkbox"/> POMs	0 tab	10 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail							
<input type="checkbox"/>	Prednisolone 5 mg Tablet	10 mg, OD, Oral, 3 Months 04/01/2023 10:11 AM - 04/04/2023 10:11 AM	180 tablet	0 tablet	0 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	0 tab	180 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail							
<input type="checkbox"/>	Metformin HCl 500 mg Tablet	500 mg, BID, Oral, 3 Months 04/01/2023 10:12 AM - 04/04/2023 10:12 AM	180 tablet	0 tablet	0 <input type="checkbox"/> 1	0 tablet <input type="checkbox"/> POMs	0 tab	180 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail							
<input type="checkbox"/>	Amlodipine 10 mg Tablet	10 mg, OM, Oral, 3 Months 04/01/2023 10:12 AM - 04/04/2023 10:12 AM	90 tablet	0 tablet	0 <input type="checkbox"/> Alternate(C)	0 tablet <input type="checkbox"/> POMs	0 tab	90 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail							

Figure 3.2.3-1 Screening & Verification

Note

Repeat Step 1 to Step 3 as per [Figure 3.2.1 section in Verify Prescription](#) before perform Alternate Drug steps.

STEP 1

Click on the [Alternate](#) hyperlink as per [Figure 3.2.3-1](#)

ALTERNATE DRUG DETAILS																																																																	
<div style="display: flex; justify-content: space-between;"> i <input type="button" value="Print"/> <input type="button" value="Refresh"/> <input type="button" value="Close"/> </div> <div style="display: flex; justify-content: space-between;"> <div> <p>Location: <input type="text" value="Outpatient Pharmacy"/></p> <p>Ordered Drug Code: <input type="text" value="A10BA02110T1001XX"/></p> <p>Ordered Drug Desc: <input type="text" value="Metformin HCl 500 mg Tablet"/></p> <p>Dispense UOM: <input type="text" value="tab"/></p> </div> <div> <p>Order Detail: <input type="text" value="500 mg, BID, 3 Months"/></p> <p>Dosage Form: <input type="text" value="Oral Tablet"/></p> <p>Route: <input type="text" value="Oral"/></p> <p>Supply Duration: <input type="text" value="30"/> days Date From <input type="text" value="04/01/2023"/> to <input type="text" value="03/02/2023"/></p> </div> </div>																																																																	
BATCH DETAIL																																																																	
<div style="display: flex; justify-content: space-between;"> <input type="button" value="Previous"/> 1 / 1 <input type="button" value="Next"/> [1 - 4 / 4] </div> <table border="1"> <thead> <tr> <th>No</th> <th>Drug Name</th> <th>Dosage Form</th> <th>Route</th> <th>Qty per dose</th> <th>Batch</th> <th>Expiry Date</th> <th>Available Qty</th> <th>SKU</th> <th>Allocation Qty</th> <th>Select</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Metformin HCl 500 mg Extended Release Tablet</td> <td>Oral MR Tablet</td> <td>Oral</td> <td><input type="text" value="1"/> tablet</td> <td>PRL01166</td> <td>31/01/2023</td> <td>38138</td> <td>tablet</td> <td><input type="text" value="60"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td><input type="text" value="0"/> tablet</td> <td>PRL01170</td> <td>28/02/2023</td> <td>8894</td> <td>tablet</td> <td><input type="text" value="0"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>2</td> <td>Metformin HCl 750mg Extended Release Tablet</td> <td>Oral MR Tablet</td> <td>Oral</td> <td><input type="text" value="0"/> tablet</td> <td>test</td> <td>31/12/2024</td> <td>2840</td> <td>tablet</td> <td><input type="text" value="0"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td><input type="text" value="0"/> tablet</td> <td>4rewsa</td> <td>30/11/2029</td> <td>396</td> <td>tablet</td> <td><input type="text" value="0"/></td> <td><input type="checkbox"/></td> </tr> </tbody> </table> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>Reason: <input type="text"/></div> <div>Remark: <input type="text"/></div> </div>											No	Drug Name	Dosage Form	Route	Qty per dose	Batch	Expiry Date	Available Qty	SKU	Allocation Qty	Select	1	Metformin HCl 500 mg Extended Release Tablet	Oral MR Tablet	Oral	<input type="text" value="1"/> tablet	PRL01166	31/01/2023	38138	tablet	<input type="text" value="60"/>	<input checked="" type="checkbox"/>					<input type="text" value="0"/> tablet	PRL01170	28/02/2023	8894	tablet	<input type="text" value="0"/>	<input type="checkbox"/>	2	Metformin HCl 750mg Extended Release Tablet	Oral MR Tablet	Oral	<input type="text" value="0"/> tablet	test	31/12/2024	2840	tablet	<input type="text" value="0"/>	<input type="checkbox"/>					<input type="text" value="0"/> tablet	4rewsa	30/11/2029	396	tablet	<input type="text" value="0"/>	<input type="checkbox"/>
No	Drug Name	Dosage Form	Route	Qty per dose	Batch	Expiry Date	Available Qty	SKU	Allocation Qty	Select																																																							
1	Metformin HCl 500 mg Extended Release Tablet	Oral MR Tablet	Oral	<input type="text" value="1"/> tablet	PRL01166	31/01/2023	38138	tablet	<input type="text" value="60"/>	<input checked="" type="checkbox"/>																																																							
				<input type="text" value="0"/> tablet	PRL01170	28/02/2023	8894	tablet	<input type="text" value="0"/>	<input type="checkbox"/>																																																							
2	Metformin HCl 750mg Extended Release Tablet	Oral MR Tablet	Oral	<input type="text" value="0"/> tablet	test	31/12/2024	2840	tablet	<input type="text" value="0"/>	<input type="checkbox"/>																																																							
				<input type="text" value="0"/> tablet	4rewsa	30/11/2029	396	tablet	<input type="text" value="0"/>	<input type="checkbox"/>																																																							

Figure 3.2.3-2 Alternate Drug Details

STEP 2

Enter the *Qty per dose*

STEP 3

Click on the button to save the record

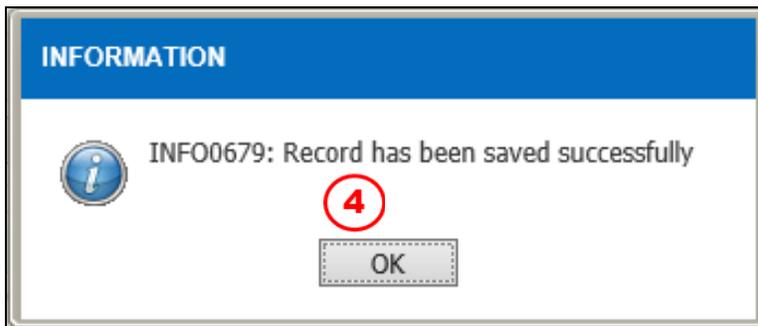


Figure 3.2.3-4 Information Alert Message

STEP 4

Click on the  button to save record and screen will close automatically and back to prescription screen as **Figure 3.2.3-5**

PHARMACY ACKNOWLEDGEMENT Print Queue No												
PHARMACY ORDER												
PRESCRIPTION <input type="checkbox"/> ENGLISH <input type="checkbox"/> PROCEED TO PREPARATION <input type="button" value="Label"/> <input type="button" value="Label"/> <input type="button" value="Full Supply"/> <input type="button" value="Allocate"/> <input type="button" value="Verify"/> 												
	Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneous	Pr
<input type="checkbox"/>	Paracetamol 500 mg Tablet	1000 mg, TID, Oral, 3 Months 04/01/2023 10:11 AM - 04/04/2023 10:11 AM	10 tablet	0 tablet	0 <input type="checkbox"/> Alternate	0 tablet <input type="checkbox"/> POMs	0 tab	10 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		
<input type="checkbox"/>	Prednisolone 5 mg Tablet	10 mg, OD, Oral, 3 Months 04/01/2023 10:11 AM - 04/04/2023 10:11 AM	180 tablet	0 tablet	0 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	0 tab	180 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		
<input type="checkbox"/>	Metformin HCl 500 mg Tablet	500 mg, BID, Oral, 3 Months 04/01/2023 10:12 AM - 04/04/2023 10:12 AM	180 tablet	0 tablet	0 <input type="checkbox"/> Alternate	0 tablet <input type="checkbox"/> POMs	0 tab	120 tablet (60 day(s))	Remarks	<input type="checkbox"/> Detail		
<input type="checkbox"/>	Metformin HCl 500 mg Extended Release Tablet				60 tablet							
<input type="checkbox"/>	Amlodipine 10 mg Tablet	10 mg, OM, Oral, 3 Months 04/01/2023 10:12 AM - 04/04/2023 10:12 AM	90 tablet	0 tablet	0 <input type="checkbox"/> Alternate(C)	0 tablet <input type="checkbox"/> POMs	0 tab	90 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		

Figure 3.2.3-5 Updated Prescription

Note

Alternate drug field will change to green color as per **Figure 3.2.3-5**.

3.2.4 Alternate & Combination Drug

A combination of ordered drugs and alternative drugs with the same active ingredient, administration route and dosage form.

PHARMACY ACKNOWLEDGEMENT Print Queue No												
PHARMACY ORDER												
PRESCRIPTION <input type="checkbox"/> ENGLISH <input type="checkbox"/> PROCEED TO PREPARATION <input type="button" value="Label"/> <input type="button" value="Label"/> <input type="button" value="Full Supply"/> <input type="button" value="Allocate"/> <input type="button" value="Verify"/> 												
	Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneous	Pr
<input type="checkbox"/>	Paracetamol 500 mg Tablet	1000 mg, TID, Oral, 3 Months 04/01/2023 10:11 AM - 04/04/2023 10:11 AM	10 tablet	0 tablet	0 <input type="checkbox"/> Alternate	0 tablet <input type="checkbox"/> POMs	0 tab	10 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		
<input type="checkbox"/>	Prednisolone 5 mg Tablet	10 mg, OD, Oral, 3 Months 04/01/2023 10:11 AM - 04/04/2023 10:11 AM	180 tablet	0 tablet	0 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	0 tab	180 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		
<input type="checkbox"/>	Metformin HCl 500 mg Tablet	500 mg, BID, Oral, 3 Months 04/01/2023 10:12 AM - 04/04/2023 10:12 AM	180 tablet	0 tablet	0 <input type="checkbox"/> Alternate	0 tablet <input type="checkbox"/> POMs	0 tab	180 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		
<input type="checkbox"/>	Amlodipine 10 mg Tablet	15 mg, OM, Oral, 3 Months 04/01/2023 10:12 AM - 04/04/2023 10:12 AM	135 tablet	0 tablet	0 <input type="checkbox"/> Alternate(C) 1	0 tablet <input type="checkbox"/> POMs	0 tab	135 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		

Figure 3.2.4-1 Screening & Verification

Note

- Repeat **step 1** and **3** as [Figure 3.2.1 section Verify Prescription](#) before perform Alternate / Combination Drug steps.
- User can do alternate/combination based on setting in the drug master.
- Not all drugs are allowed to do alternate/combination.

STEP 1

Click on the [Alternate\(C\)](#) button and select **Alternate/Combination Drug** as per [Figure 3.2.4-1](#)

ALTERNATE DRUG DETAILS

3

Location:

Ordered Drug Code:

Ordered Drug Desc:

Dispense UOM:

Order Detail:

Dosage Form:

Route:

Supply Duration: days Date From to

BATCH DETAIL

< < 1 / 1 > >
[1 - 9 / 9]

No	Drug Name	Dosage Form	Route	Qty per dose	Batch	Expiry Date	Available Qty	SKU	Allocation Qty	Select
1	Amlodipine 10 mg Tablet	Oral Tablet	Oral	<input type="text" value="1"/> tablet	Batch663	30/11/2023	498138	tablet	<input type="text" value="30"/>	<input checked="" type="checkbox"/>
				<input type="text" value="0"/> tablet	23423	04/01/2031	2194	tablet	<input type="text" value="0"/>	<input type="checkbox"/>
2	Amlodipine 5 mg Tablet	Oral Tablet	Oral	<input type="text" value="1"/> tablet	batch7773	17/07/2025	498914	tablet	<input type="text" value="30"/>	<input checked="" type="checkbox"/>
				<input type="text" value="0"/> tablet	2342342323423	04/01/2031	407	tablet	<input type="text" value="0"/>	<input type="checkbox"/>
				<input type="text" value="0"/> tablet	ewewe	04/01/2031	1820	tablet	<input type="text" value="0"/>	<input type="checkbox"/>
				<input type="text" value="0"/> tablet	werwe4	04/01/2031	2877	tablet	<input type="text" value="0"/>	<input type="checkbox"/>
				<input type="text" value="0"/> tablet	234232234234232	05/04/2031	2203	tablet	<input type="text" value="0"/>	<input type="checkbox"/>
3	Amlodipine 1mg/ml Suspension	Oral Suspension	Oral	<input type="text" value="0"/> ml	test	05/04/2025	6365	ml	<input type="text" value="0"/>	<input type="checkbox"/>
				<input type="text" value="0"/> ml	34232	04/01/2031	1347	ml	<input type="text" value="0"/>	<input type="checkbox"/>

Reason

Remark

Figure 3.2.4-2 Alternate Drug Details

STEP 2

Enter the **Qty per dose** field for selected combination drug

Note

User is allowed to select Dispense UOM

STEP 3

Click on the button to save record

STEP 4

Click on the button to save record as **Figure 3.2.4-3** and screen will close automatically and back to prescription screen as **Figure 3.2.4-4**

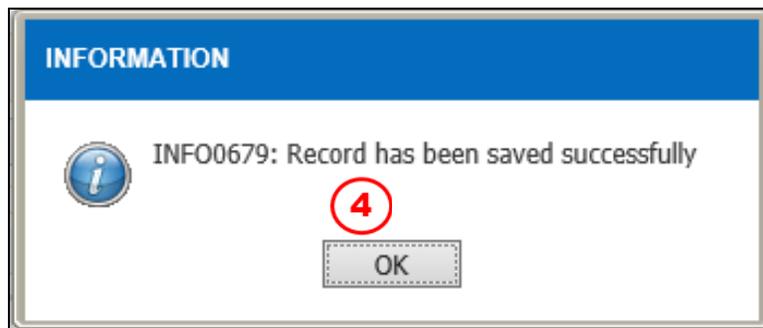


Figure 3.2.4-3 Information Alert Message

PHARMACY ACKNOWLEDGEMENT Print Queue No												
PHARMACY ORDER												
PRESCRIPTION <input type="checkbox"/> ENGLISH <input type="checkbox"/> PROCEED TO PREPARATION <input type="button" value="Label"/> <input type="button" value="Label"/> <input type="button" value="Full Supply"/> <input type="button" value="Allocate"/> <input type="button" value="Verify"/> 												
	Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneous	Pr
<input type="checkbox"/>	Paracetamol 500 mg Tablet	1000 mg, TID, Oral, 3 Months 04/01/2023 10:11 AM - 04/04/2023 10:11 AM	10 tablet	0 tablet	0 <input type="checkbox"/> Alternate	0 tablet <input type="checkbox"/> POMs	0 tab	10 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		
<input type="checkbox"/>	Prednisolone 5 mg Tablet	10 mg, OD, Oral, 3 Months 04/01/2023 10:11 AM - 04/04/2023 10:11 AM	180 tablet	0 tablet	0 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	0 tab	180 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		
<input type="checkbox"/>	Metformin HCl 500 mg Tablet	500 mg, BID, Oral, 3 Months 04/01/2023 10:12 AM - 04/04/2023 10:12 AM	180 tablet	0 tablet	0 <input type="checkbox"/> Alternate	0 tablet <input type="checkbox"/> POMs	0 tab	180 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		
<input type="checkbox"/>	Amlodipine 10 mg Tablet	15 mg, OM, Oral, 3 Months 04/01/2023 10:12 AM - 04/04/2023 10:12 AM	135 tablet	0 tablet	0 <input type="checkbox"/> Alternate(C)	0 tablet <input type="checkbox"/> POMs	0 tab	90 tablet (60 day(s))	Remarks	<input type="checkbox"/> Detail		
	Amlodipine 10 mg Tablet				30 tablet							
	Amlodipine 5 mg Tablet				30 tablet							

Figure 3.2.4-4 Updated Prescription

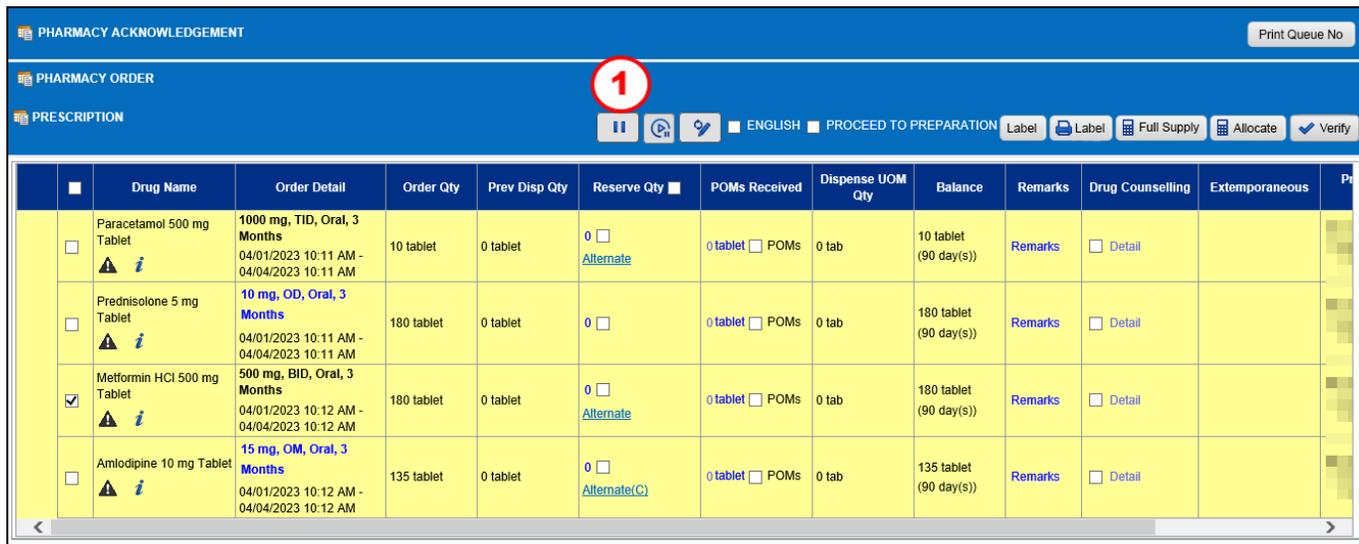
Note

Alternate/Combination drug field will be updated in the screen in green color

3.2.5 Hold and Resume

Allow user to hold medication from being prepare or dispense. User also can resume the medication to continue for dispensing

Hold



	Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneous	Pr
<input type="checkbox"/>	Paracetamol 500 mg Tablet	1000 mg, TID, Oral, 3 Months 04/01/2023 10:11 AM - 04/04/2023 10:11 AM	10 tablet	0 tablet	0 <input type="checkbox"/> Alternate	0 tablet <input type="checkbox"/> POMs	0 tab	10 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		
<input type="checkbox"/>	Prednisolone 5 mg Tablet	10 mg, OD, Oral, 3 Months 04/01/2023 10:11 AM - 04/04/2023 10:11 AM	180 tablet	0 tablet	0 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	0 tab	180 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		
<input checked="" type="checkbox"/>	Metformin HCl 500 mg Tablet	500 mg, BID, Oral, 3 Months 04/01/2023 10:12 AM - 04/04/2023 10:12 AM	180 tablet	0 tablet	0 <input type="checkbox"/> Alternate	0 tablet <input type="checkbox"/> POMs	0 tab	180 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		
<input type="checkbox"/>	Amlodipine 10 mg Tablet	15 mg, OM, Oral, 3 Months 04/01/2023 10:12 AM - 04/04/2023 10:12 AM	135 tablet	0 tablet	0 <input type="checkbox"/> Alternate(C)	0 tablet <input type="checkbox"/> POMs	0 tab	135 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		

Figure 3.2.5-1 Screening & Verification

Note

Repeat step 1 and 3 as [Figure 3.2.1 section Verify Prescription](#) before perform Hold Drug steps.

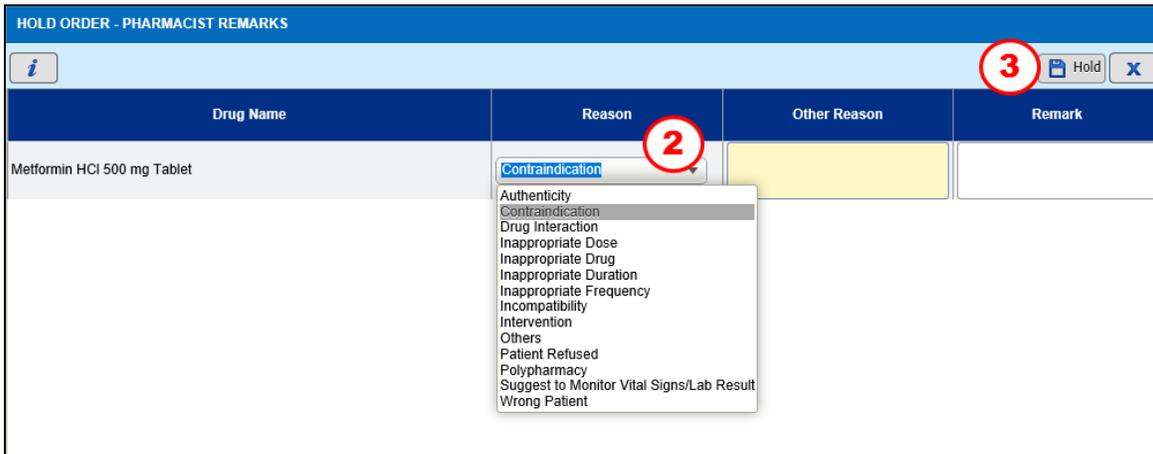
Hold

STEP 1

Select the drug and click on the  button to Hold order as per **Figure 3.2.5-1**

Note

Tick to select at least one drug before clicking the  button



Drug Name	Reason	Other Reason	Remark
Metformin HCl 500 mg Tablet	Contraindication		

Figure 3.2.5-2 Hold Order – Pharmacist Remarks

STEP 2

Select and enter from the **Hold Reason** drop down box:

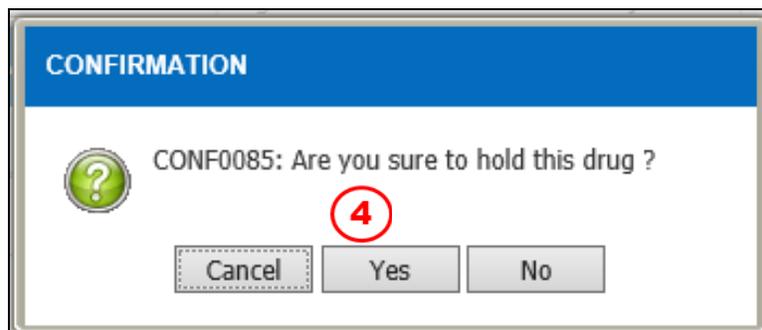
- Authenticity
- Contraindication
- Drug Interaction
- Inappropriate Dose
- Inappropriate Drug
- Inappropriate Duration
- Inappropriate Frequency
- Incompatibility
- Intervention
- Others
- Patient Refuse
- Polypharmacy
- Suggest to Monitor Vital Signs/Lab Result
- Wrong Patient

Note

Enter the **Remarks** field with applicable information.

STEP 3

Click on the  button to proceed Hold



CONFIRMATION

CONF0085: Are you sure to hold this drug ?

Cancel Yes No

Figure 3.2.5-3 Confirmation Alert Message



STEP 4

Click on the  button to Hold Drug and confirmation pop up message will close automatically

Note

Drug status will change to Acknowledged/Hold (Screening and Verification screen).

Resume

PHARMACY ACKNOWLEDGEMENT													
PHARMACY ORDER													
PRESCRIPTION													
<input type="checkbox"/> ENGLISH <input type="checkbox"/> PROCEED TO PREPARATION <input type="button" value="Label"/> <input type="button" value="Label"/> <input type="button" value="Full Supply"/> <input type="button" value="Allocate"/> <input type="button" value="Verify"/>													
	Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneous	Prescriber Name	Drug Status
<input type="checkbox"/>	Paracetamol 500 mg Tablet	1000 mg, TID, Oral, 3 Months 04/01/2023 10:11 AM - 04/04/2023 10:11 AM	10 tablet	0 tablet	0 <input type="checkbox"/> Alternate	0 tablet <input type="checkbox"/> POMs	0 tab	10 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail			Acknowledged
<input type="checkbox"/>	Prednisolone 5 mg Tablet	10 mg, OD, Oral, 3 Months 04/01/2023 10:11 AM - 04/04/2023 10:11 AM	180 tablet	0 tablet	0 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	0 tab	180 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail			Acknowledged
<input type="checkbox"/>	Amlodipine 10 mg Tablet	15 mg, OM, Oral, 3 Months 04/01/2023 10:12 AM - 04/04/2023 10:12 AM	135 tablet	0 tablet	0 <input type="checkbox"/> Alternate(C)	0 tablet <input type="checkbox"/> POMs	0 tab	135 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail			Acknowledged
<input checked="" type="checkbox"/>	Metformin HCl 500 mg Tablet	500 mg, BID, Oral, 3 Months 04/01/2023 10:12 AM - 04/04/2023 10:12 AM	180 tablet	0 tablet	0 <input type="checkbox"/> Alternate	0 tablet <input type="checkbox"/> POMs	0 tab	180 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail			Acknowledged/Hold

Figure 3.2.5-4 Screening & Verification

STEP 1

Select the drug and click on the  button to select Resume as per Figure 3.2.5-4

Note

Tick to select at least one drug before clicking the  button

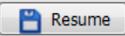
HOLD ORDER - PHARMACIST REMARKS				
<input type="button" value="i"/> <input type="button" value="Resume"/> <input type="button" value="X"/>				
Drug Name	Reason	Other Reason	Remark	Action Taken
Metformin HCl 500 mg Tablet	Drug Interaction			<input type="button" value="Resume"/>

Figure 3.2.5-5 Resume Order Screen

STEP 2

Enter information in the **Action Taken** field if applicable

STEP 3

Click on the  button

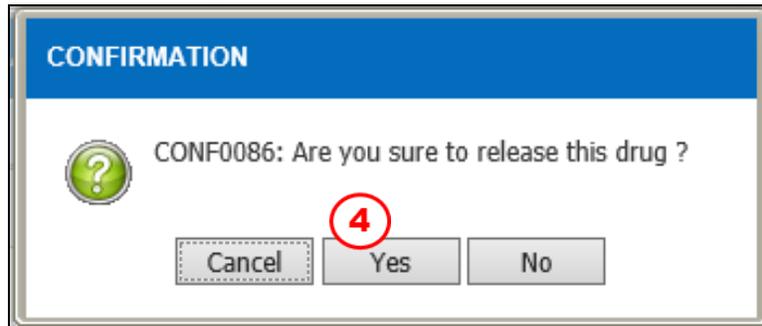


Figure 3.2.5-6 Confirmation Alert Message

STEP 4

Click on the  button to release drug from hold and the Hold Order screen will close automatically

Note

- *Drug status will change back to Acknowledged (Screening and Verification screen).*
- *Drug status will change back to Ordered for New Order prescription (Screening and Verification screen).*
- *Drug status will change back to Verified (Preparation screen).*
- *Drug status will change back to Prepared (Dispensing screen)*

3.2.6 Patient Own Medication (POMs Drug)

This function is for dispense Own Medication drug

SCREENING AND VERIFICATION

Print Patient Label Record Prescription Intervened Prescription Original Prescription X

	JXX XXX XXX XXX	Mykad [REDACTED]	Age 16 Years 03 Months 22 Days	Gender Male	MRN [REDACTED]
	Address	Phone And Email	Diagnosis	Allergy: Need To Be Assessed	
Upload Photo	Height [] cm	Weight [] kg	BMI/BSA 0/0 m ²	Update (Last Updated :) Nationality : Warganegara	

Demographic | Medication Profile | Pharmacist Notes | MTAC History | Monitoring Parameter | Counselling History | Other Appointment | Outbreak Patient | VAS History |

Encounter No: 0010 Actual Visit Date: 24/02/2023 Attending Practitioner: Visit Location: MOPD Rx No: MED000112311 Ordered By: [REDACTED]

PHARMACY ACKNOWLEDGEMENT Print Queue No

Patient Arrived Queue Series: Normal Queue No: [] Arrival Time: [] Collector Name: [] Relationship: []

PHARMACY ORDER

Clinic TCA: [] No. of Days: 0 Current Collection Mode: Normal Collection SPUB Out: SPUB SPUB R1 Form:
 Next Collection Date: 26/03/2023 Total Patient: 0 Next Collection Mode: []
 Supply Duration: 30 Days Next Collection Location: Outpatient Pharmacy
 Adherence Score: [] MPR: [] History: []

PRESCRIPTION Label Label Full Supply Allocate Verify

	Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneous	Pt
<input type="checkbox"/>	Amoxicillin 500 mg Clavulanate 125 mg Tablet	625 mg, BID, Oral, 3 Months 24/02/2023 11:48 AM - 25/05/2023 11:48 AM	180 tablet	0 tablet	0	0 tablet <input checked="" type="checkbox"/> POMs	0 tab	180 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DF Mu
<input type="checkbox"/>	Lorazepam 1 mg Tablet	1 mg, HS, Oral, 3 Months 24/02/2023 11:49 AM - 25/05/2023 11:49 AM	90 tablet	0 tablet	0	0 tablet <input type="checkbox"/> POMs	0 tab	90 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DF Mu
<input type="checkbox"/>	Prednisolone 5 mg Tablet	5 mg, OD, Oral, 3 Months 24/02/2023 11:49 AM - 25/05/2023 11:49 AM	90 tablet	0 tablet	0	0 tablet <input type="checkbox"/> POMs	0 tab	90 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DF Mu
<input type="checkbox"/>	Metformin HCl 500 mg Tablet	500 mg, BID, Oral, 3 Months 24/02/2023 11:50 AM - 25/05/2023 11:50 AM	180 tablet	0 tablet	0	0 tablet <input type="checkbox"/> POMs	0 tab	180 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DF Mu

Figure 3.2.6-1 Screening and Verification

Note

Drug that recorded as Own Medication in medication order will display by purple in color as shown in Figure 3.2.6-1

STEP 1

Click on the POMs Received hyperlink and POMs Received Quantity and Label Printing screen will display as Figure 3.2.6-2

POMS RECEIVED QUANTITY AND LABEL PRINTING 3			
		POMS Label   	
Drug Name	Amoxicillin 500 mg Clavulanate 125 mg 1	Default SKU	tablet
Order Details	625 mg, BD (twice daily), Oral Tablet, Oral, 24/02/2023 (3 Months)	POMS Received Quantity	60 2

Figure 3.2.6-2 POMS Received Quantity and Label Printing

STEP 2

Enter **POMS Received Quantity**

Note

POMS Received Quantity field will always be editable by user

STEP 3

Click on the  button and Confirmation Message will display as Figure 3.2.6-3

CONFIRMATION

 CONF0151: Are you sure you want to save?

Figure 3.2.6-3 Confirmation Message

Note

- Click on the button and Information Message will display as Figure 3.2.6-4

INFORMATION

 INFO0679: Record has been saved successfully

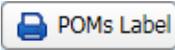
Figure 3.2.6-4 Information Message

- Click on the button and user is allowed to print POMS Label

POMS RECEIVED QUANTITY AND LABEL PRINTING			
Drug Name		Amoxicillin 500 mg Clavulanate 125 mg 1	Default SKU
Order Details		625 mg, BD (twice daily), Oral Tablet, Oral, 24/02/2023 (3 Months)	POMS Received Quantity
			60

Figure 3.2.6-5 POMS Received Quantity and Label Printing

STEP 4

Click on the  button to view/print POMS Label

Note

User is allowed to print **POMS Label** at any cycle of dispensing and able to change **POMS Received Quantity** value

HOSPITAL SERI MANJUNG (Tel: 056896600)		
PATIENT'S OWN MEDICINES (POMs)		
JXX XXX XXX XXX		
HSM00241028	MOPD	61XXXXX1229
Amoxicillin 500 mg Clavulanate 125 mg Tablet		
Ambil 1 biji 2 kali sehari		
Diambil		
Boleh diambil SEBELUM ATAU SELEPAS makan. Makan pada masa ditetapkan dan habiskan makan ubat ini. Jumpa doktor sekiranya ada berlaku alahan.		
24/02/2023	Kuantiti 60 biji	
UBAT TERKAWAL	24/02/2023 12:49 PM	

Figure 3.2.6-6 POMS Label

STEP 5

Click on the  button to close POMS received Quantity and Label Printing screen

Note

POMS received quantity will be updated in the dispensing screen as shown in Figure 3.2.6-7



PHARMACY ORDER

Clinic TCA: No. of Days: 0 Current Collection Mode: Normal Collection SPUB Out: SPUB SPUB R1 Form

Next Collection Date: 26/03/2023 Total Patient: 0 Next Collection Mode:

Supply Duration: 30 Days Next Collection Location: Outpatient Pharmacy

Adherence Score: MPR: [History](#)

PRESCRIPTION

ENGLISH PROCEED TO PREPARATION Label Label Full Supply Allocate Verify

■	Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty ■	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneous	Pr
<input type="checkbox"/>	Amoxicillin 500 mg Clavulanate 125 mg Tablet 	625 mg, BID, Oral, 3 Months 24/02/2023 11:48 AM - 25/05/2023 11:48 AM	180 tablet	0 tablet	0 <input type="checkbox"/>	60 tablet <input checked="" type="checkbox"/> POMs	0 tab	120 tablet (60 day(s))	Remarks	<input type="checkbox"/> Detail		DF MI
<input type="checkbox"/>	Lorazepam 1 mg Tablet 	1 mg, HS, Oral, 3 Months 24/02/2023 11:49 AM - 25/05/2023 11:49 AM	90 tablet	0 tablet	0 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	0 tab	90 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DF MI
<input type="checkbox"/>	Prednisolone 5 mg Tablet 	5 mg, OD, Oral, 3 Months 24/02/2023 11:49 AM - 25/05/2023 11:49 AM	90 tablet	0 tablet	0 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	0 tab	90 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DF MI
<input type="checkbox"/>	Metformin HCl 500 mg Tablet 	500 mg, BID, Oral, 3 Months 24/02/2023 11:50 AM - 25/05/2023 11:50 AM	180 tablet	0 tablet	0 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	0 tab	180 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DF MI

Figure 3.2.6-7 Screening and Verification

Note

For extemporaneous drug, system not allowed to do extemp if the drug is tick as POM'S drug.

Remove POMs Drug:

PHARMACY ORDER

Clinic TCA: No. of Days: 0 Current Collection Mode: Normal Collection SPUB Out: SPUB SPUB R1 Form

Next Collection Date: Total Patient: 0 Next Collection Mode:

Supply Duration: Days Next Collection Location: Outpatient Pharmacy

Adherence Score: MPR: [History](#)

PRESCRIPTION

ENGLISH PROCEED TO PREPARATION Label Label Full Supply Allocate Verify

	Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneous	Ph
<input type="checkbox"/>	Amoxicillin 500 mg Clavulanate 125 mg Tablet	625 mg, BID, Oral, 3 Months 24/02/2023 11:48 AM - 25/05/2023 11:48 AM	180 tablet	0 tablet	0 <input type="checkbox"/>	0 tablet <input checked="" type="checkbox"/> POMs	0 tab	180 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DF ML
<input type="checkbox"/>	Lorazepam 1 mg Tablet	1 mg, HS, Oral, 3 Months 24/02/2023 11:49 AM - 25/05/2023 11:49 AM	90 tablet	0 tablet	0 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	0 tab	90 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DF ML
<input type="checkbox"/>	Prednisolone 5 mg Tablet	5 mg, OD, Oral, 3 Months 24/02/2023 11:49 AM - 25/05/2023 11:49 AM	90 tablet	0 tablet	0 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	0 tab	90 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DF ML
<input type="checkbox"/>	Metformin HCl 500 mg Tablet	500 mg, BID, Oral, 3 Months 24/02/2023 11:50 AM - 25/05/2023 11:50 AM	180 tablet	0 tablet	0 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	0 tab	180 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DF ML

Figure 3.2.6-8 Screening and Verification

Note
Drug that recorded as Own Medication in medication order will display by purple in color as shown in Figure 3.2.6-8

STEP 1
Uncheck POMs checkbox and Confirmation Message will display as Figure 3.2.6-9

CONFIRMATION

CONF7280: Do you wants to update this POMs flag?

Figure 3.2.6-9 Confirmation Message

Note

- Click on the button and the drug will be updated to Normal Drug as shown in Figure 3.2.6-10

PHARMACY ORDER

Clinic TCA: No. of Days: 0 Current Collection Mode: Normal Collection SPUB Out: SPUB SPUB R1 Form

Next Collection Date: 26/03/2023 Total Patient: 0 Next Collection Mode: ▼

Supply Duration: 30 Days Next Collection Location: Outpatient Pharmacy

Adherence Score: MPR History

PRESCRIPTION

ENGLISH
PROCEED TO PREPARATION
Label
Label
Full Supply
Allocate
Verify

■	Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneous	Pt
<input type="checkbox"/>	Amoxicillin 500 mg Clavulanate 125 mg Tablet	625 mg, BID, Oral, 3 Months 24/02/2023 11:48 AM - 25/05/2023 11:48 AM	180 tablet	0 tablet	0 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	0 tab	180 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DR MI
<input type="checkbox"/>	Lorazepam 1 mg Tablet	1 mg, HS, Oral, 3 Months 24/02/2023 11:49 AM - 25/05/2023 11:49 AM	90 tablet	0 tablet	0 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	0 tab	90 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DR MI
<input type="checkbox"/>	Prednisolone 5 mg Tablet	5 mg, OD, Oral, 3 Months 24/02/2023 11:49 AM - 25/05/2023 11:49 AM	90 tablet	0 tablet	0 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	0 tab	90 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DR MI
<input type="checkbox"/>	Metformin HCl 500 mg Tablet	500 mg, BID, Oral, 3 Months 24/02/2023 11:50 AM - 25/05/2023 11:50 AM	180 tablet	0 tablet	0 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	0 tab	180 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DR MI

Figure 3.2.6-10 Screening and Verification

- After remove POMs flag, color background will remain pink color.
- To differentiate that this pink color is a normal drug or POMS drug, refer below:
 - If **pink color background** and **checkbox POMs is ticked** – **POMS drug**
 - If **pink color background** and **checkbox POMs is unticked** – **normal drug**
- POMs Received will be automatically change to '0'
- User is allowed to update back to POM's by click on POM's checkbox

Update POMs Drug (Normal to POM's):

PHARMACY ORDER

Clinic TCA: No. of Days: 0 Current Collection Mode: Normal Collection SPUB Out: SPUB SPUB R1 Form

Next Collection Date: 26/03/2023 Total Patient: 0 Next Collection Mode: ▼

Supply Duration: 30 Days Next Collection Location: Outpatient Pharmacy

Adherence Score: MPR History

PRESCRIPTION

ENGLISH
PROCEED TO PREPARATION
Label
Label
Full Supply
Allocate
Verify

	Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneous	Pr
<input type="checkbox"/>	Amoxicillin 500 mg Clavulanate 125 mg Tablet	625 mg, BID, Oral, 3 Months 24/02/2023 11:48 AM - 25/05/2023 11:48 AM	180 tablet	0 tablet	0 <input type="checkbox"/>	0 tablet <input checked="" type="checkbox"/> POMs	0 tab	180 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DF MU
<input type="checkbox"/>	Lorazepam 1 mg Tablet	1 mg, HS, Oral, 3 Months 24/02/2023 11:49 AM - 25/05/2023 11:49 AM	90 tablet	0 tablet	0 <input type="checkbox"/> 1	0 tablet <input type="checkbox"/> POMs	0 tab	90 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DF MU
<input type="checkbox"/>	Prednisolone 5 mg Tablet	5 mg, OD, Oral, 3 Months 24/02/2023 11:49 AM - 25/05/2023 11:49 AM	90 tablet	0 tablet	0 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	0 tab	90 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DF MU
<input type="checkbox"/>	Metformin HCl 500 mg Tablet	500 mg, BID, Oral, 3 Months 24/02/2023 11:50 AM - 25/05/2023 11:50 AM	180 tablet	0 tablet	0 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	0 tab	180 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DF MU

Figure 3.2.6-11 Screening and Verification

STEP 1

Click on the POMs checkbox for the selected normal drug and Confirmation Message will display as Figure 3.2.6-12

CONFIRMATION

CONF7280: Do you want to update this POMs flag?

Cancel
Yes
No

Figure 3.2.6-12 Confirmation Message

Note

- Click on the Yes button and the drug will be updated to POMs Drug and color background will change to pink color as shown in Figure 3.2.6-13

PHARMACY ORDER

Clinic TCA: No. of Days: 0 Current Collection Mode: Normal Collection SPUB Out: SPUB SPUB R1 Form

Next Collection Date: 26/03/2023 Total Patient: 0 Next Collection Mode:

Supply Duration: 30 Days Next Collection Location: Outpatient Pharmacy

Adherence Score: MPR: [History](#)

PRESCRIPTION

|| 🔄 🔑 ENGLISH PROCEED TO PREPARATION Label 🖨️ Label 📦 Full Supply 📅 Allocate ✔️ Verify

■	Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneous	Pr
<input type="checkbox"/>	Amoxicillin 500 mg Clavulanate 125 mg Tablet	625 mg, BID, Oral, 3 Months 24/02/2023 11:48 AM - 25/05/2023 11:48 AM	180 tablet	0 tablet	0 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	0 tab	180 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DF ML
<input type="checkbox"/>	Lorazepam 1 mg Tablet	1 mg, HS, Oral, 3 Months 24/02/2023 11:49 AM - 25/05/2023 11:49 AM	90 tablet	0 tablet	0 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	0 tab	90 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DF ML
<input type="checkbox"/>	Prednisolone 5 mg Tablet	5 mg, OD, Oral, 3 Months 24/02/2023 11:49 AM - 25/05/2023 11:49 AM	90 tablet	0 tablet	0 <input type="checkbox"/>	0 tablet <input checked="" type="checkbox"/> POMs	0 tab	90 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DF ML
<input type="checkbox"/>	Metformin HCl 500 mg Tablet	500 mg, BID, Oral, 3 Months 24/02/2023 11:50 AM - 25/05/2023 11:50 AM	180 tablet	0 tablet	0 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	0 tab	180 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DF ML

Figure 3.2.6-13 Updated Prescription

- User can proceed to update POMs Received quantity and view/print POMs Label
- User is allowed to update back POMs to normal drug by uncheck on POMs checkbox
- Once user update POMs to normal drug, color background will remain pink color
- To differentiate that this pink color is a normal drug or POMS drug, refer below:
 - If **pink color background** and **checkbox POMs is ticked** – **POMS drug**
 - If **pink color background** and **checkbox POMs is unticked** – **normal drug**
- Once user click on the button to verify the prescription, system will display Confirmation Message as Figure 3.2.6-13

CONFIRMATION



CONF0062: This order has been successfully updated. Do you want to proceed with the verification?

Yes
No

Figure 3.2.6-14 Confirmation Message

- Click on the Yes button to proceed with verification

Partial Supply (Update from POMs to Normal Drug)

Open partial supply record at Screening and verification where prescription contain POMs drug from previous dispensing

Patient Arrived Queue Series: **Normal** Queue No: Arrival Time: Collector Name: Relationship:

PHARMACY ORDER

Clinic TCA: No. of Days: 0 Current Collection Mode: **Normal Collection** SPUB Out: SPUB (SPUB R1 Form)

Next Collection Date: **25/04/2023** Total Patient: 0 Next Collection Mode: **Normal Collection**

Supply Duration: **30** Days Next Collection Location: **Outpatient Pharmacy**

Adherence Score: MPR: 0 [History](#)

PRESCRIPTION ENGLISH PROCEED TO PREPARATION

Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneous	Pr
<input type="checkbox"/> Prednisolone 5 mg Tablet	5 mg, OD, Oral, 3 Months 24/02/2023 11:49 AM - 25/05/2023 11:49 AM	90 tablet	0 tablet	0 <input type="checkbox"/>	1 0 tablet <input checked="" type="checkbox"/> POMs	0 tab	60 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DF ML
<input type="checkbox"/> Amoxicillin 500 mg Clavulanate 125 mg Tablet	625 mg, BID, Oral, 3 Months 24/02/2023 11:48 AM - 25/05/2023 11:48 AM	180 tablet	60 tablet (24/02/2023)	0 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	0 tab	120 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DF ML
<input type="checkbox"/> Lorazepam 1 mg Tablet	1 mg, HS, Oral, 3 Months 24/02/2023 11:49 AM - 25/05/2023 11:49 AM	90 tablet	30 tablet (24/02/2023)	0 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	0 tab	60 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DF ML
<input type="checkbox"/> Metformin HCl 500 mg Tablet	500 mg, BID, Oral, 3 Months 24/02/2023 11:50 AM - 25/05/2023 11:50 AM	180 tablet	60 tablet (24/02/2023)	0 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	0 tab	120 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DF ML

Figure 3.2.6-15 Screening and Verification

STEP 1

Uncheck POMs checkbox and Confirmation Message will display as Figure 3.2.6-16

CONFIRMATION

CONF7280: Do you wants to update this POMs flag?

Figure 3.2.6-16 Confirmation Message

Note

- Click on the button and the drug will be updated to Normal Drug as shown in Figure 3.2.6-17

Patient Arrived Queue Series: Normal Queue No: Arrival Time: Collector Name: Relationship:

PHARMACY ORDER

Clinic TCA	<input type="text"/>	No. of Days: 0	Current Collection Mode: Normal Collection	SPUB Out <input type="checkbox"/> SPUB R1 Form
Next Collection Date	<input type="text" value="25/04/2023"/>	Total Patient: 0	Next Collection Mode: Normal Collection	
Supply Duration	<input type="text" value="30"/> Days		Next Collection Location: Outpatient Pharmacy	
Adherence Score	<input type="text"/>	MPR: <input type="text" value="0"/> History		

PRESCRIPTION

 ENGLISH PROCEED TO PREPARATION

#	Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneous	Ph
<input type="checkbox"/>	Prednisolone 5 mg Tablet	5 mg, OD, Oral, 3 Months 24/02/2023 11:49 AM - 25/05/2023 11:49 AM	90 tablet	0 tablet	0 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	0 tab	60 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DF MU
<input type="checkbox"/>	Amoxicillin 500 mg Clavulanate 125 mg Tablet	625 mg, BID, Oral, 3 Months 24/02/2023 11:48 AM - 25/05/2023 11:48 AM	180 tablet	60 tablet (24/02/2023)	0 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	0 tab	120 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DF MU
<input type="checkbox"/>	Lorazepam 1 mg Tablet	1 mg, HS, Oral, 3 Months 24/02/2023 11:49 AM - 25/05/2023 11:49 AM	90 tablet	30 tablet (24/02/2023)	0 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	0 tab	60 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DF MU
<input type="checkbox"/>	Mefformin HCl 500 mg Tablet	500 mg, BID, Oral, 3 Months 24/02/2023 11:50 AM - 25/05/2023 11:50 AM	180 tablet	60 tablet (24/02/2023)	0 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	0 tab	120 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DF MU

Figure 3.2.6-17 Updated Prescription

- After remove POMs flag, color background will remain pink color.
- To differentiate that this pink color is a normal drug or POMs drug, refer below:
 - If **pink color background** and **checkbox POMs is ticked** – **POMS drug**
 - If **pink color background** and **checkbox POMs is unticked** – **normal drug**
- Balance quantity will be auto calculate based on the balance by deduct POMs quantity that user has given in first dispensing. Example:
 - a) Order POMs drug with frequency OD for 5 days
 - b) Allocate POMs Reserve Quantity for 3 days = 3 tablets (previous dispensing)
 - c) At partial dispensing, after change POMs to normal and balance quantity will become 2 tablets for 2 days remaining
- User is allowed to update back to POM's by click on POM's checkbox

Partial Supply (Update from Normal Drug to POMs)

Open partial supply record at Screening and verification

Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneous
Prednisolone 5 mg Tablet	5 mg, OD, Oral, 3 Months 24/02/2023 11:49 AM - 25/05/2023 11:49 AM	90 tablet	0 tablet	0	0 tablet <input checked="" type="checkbox"/> POMs	0 tab	60 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail	
Amoxicillin 500 mg Clavulanate 125 mg Tablet	625 mg, BID, Oral, 3 Months 24/02/2023 11:48 AM - 25/05/2023 11:48 AM	180 tablet	60 tablet (24/02/2023)	0	0 tablet <input type="checkbox"/> POMs	0 tab	120 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail	
Lorazepam 1 mg Tablet	1 mg, HS, Oral, 3 Months 24/02/2023 11:48 AM - 25/05/2023 11:49 AM	90 tablet	30 tablet (24/02/2023)	0	0 tablet <input type="checkbox"/> POMs	0 tab	60 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail	
Metformin HCl 500 mg Tablet	500 mg, BID, Oral, 3 Months 24/02/2023 11:50 AM - 25/05/2023 11:50 AM	180 tablet	60 tablet (24/02/2023)	0	0 tablet <input type="checkbox"/> POMs	0 tab	120 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail	

Figure 3.2.6-18 Screening and Verification

STEP 1

Click on the POMs checkbox for the selected normal drug and Confirmation Message will display as Figure 3.2.6-19

Figure 3.2.6-19 Confirmation Message

Note

- Click on the button and the drug will be updated to POMs Drug and color background will change to pink color as shown in Figure 3.2.6-20

PHARMACY ORDER

Clinic TCA: No. of Days: 0 Current Collection Mode: Normal Collection SPUB Out: SPUB R1 Form

Next Collection Date: 25/04/2023 Total Patient: 0 Next Collection Mode: Normal Collection

Supply Duration: 30 Days Next Collection Location: Outpatient Pharmacy

Adherence Score: MPR: 0 History

PRESCRIPTION

ENGLISH PROCEED TO PREPARATION Label Label Full Supply Allocate Verify

Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneous	Pt
<input type="checkbox"/> Prednisolone 5 mg Tablet	5 mg, OD, Oral, 3 Months 24/02/2023 11:49 AM - 25/05/2023 11:49 AM	90 tablet	0 tablet	0 <input type="checkbox"/>	0 tablet <input checked="" type="checkbox"/> POMs	0 tab	60 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DR ML
<input type="checkbox"/> Amoxicillin 500 mg Clavulanate 125 mg Tablet	625 mg, BID, Oral, 3 Months 24/02/2023 11:48 AM - 25/05/2023 11:48 AM	180 tablet	60 tablet (24/02/2023)	0 <input type="checkbox"/>	0 tablet <input checked="" type="checkbox"/> POMs	0 tab	120 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DR ML
<input type="checkbox"/> Lorazepam 1 mg Tablet	1 mg, HS, Oral, 3 Months 24/02/2023 11:49 AM - 25/05/2023 11:49 AM	90 tablet	30 tablet (24/02/2023)	0 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	0 tab	60 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DR ML
<input type="checkbox"/> Mefloquine HCl 500 mg Tablet	500 mg, BID, Oral, 3 Months 24/02/2023 11:50 AM - 25/05/2023 11:50 AM	180 tablet	60 tablet (24/02/2023)	0 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	0 tab	120 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		DR ML

Figure 3.2.6-20 Updated Prescription

- User can proceed to update POMs Received quantity and view/print POMs Label
- User is allowed to update back POMs to normal drug by uncheck on POMs checkbox
- Once user update POMs to normal drug, color background will remain pink color
- To differentiate that this pink color is a normal drug or POMS drug, refer below:
 - If pink color background and checkbox POMs is ticked – POMS drug
 - If pink color background and checkbox POMs is unticked – normal drug

3.3 Preparation

This function is used to prepare medication after it has been screened and verified. It also allows user to print the drug label, balance medication sheet and extemporaneous worksheet.

3.3.1 Prepare

This function is used to prepare the drug before it can be dispensed to the patient.

PHARMACY INFORMATION SYSTEM

HOSPITAL SERI MANJUNG

Logout

Home Preparation

OUTPATIENT - PREPARATION

Show All

Dispensing Location: Outpatient Pharmacy

Patient Name: []

Order Type: All

MRN: []

Mode of Services: All

Order Status: All

IC No/Other Identification: []

Prescription Status: All

Original Prescription Serial No.: []

Advanced Search [] Search

Queue No	MRN	Original Prescription Serial No.	Patient Name	Queue Series	Order Date Time	Order Location	Current Collection Mode	Next Collection Date	Order Type	Prescription Status	Arrival Time	Waiting Time
3666	HSM00241008	2026	AXXX	Normal	12/2/2023 9:53 AM	Outpatient Pharmacy			Referred Patient	IN PROGRESS	14/02/2023 11:30 AM	48 : 37 : 58
1216	HSM116791	4444	130406080246	Normal	27/01/2023 9:53 PM	Outpatient Pharmacy			SPUB	IN PROGRESS	27/01/2023 9:51 PM	470 : 17 : 16
151	HSM218922	5555	013-9507258	Normal	27/01/2023 9:43 PM	Outpatient Pharmacy			Referred Patient	IN PROGRESS	27/01/2023 9:43 PM	470 : 25 : 35
58	HSM176607	58	AXXX	Normal	24/01/2023 9:39 PM	Outpatient Pharmacy	Normal Collection		Normal	IN PROGRESS	24/01/2023 9:39 PM	542 : 29 : 29

Figure 3.3.1-1 Preparation Landing Screen

STEP 1

Click on 'Preparation' sub menu

Note

Various search criteria are provided as below:

Basic Search			
No	Field	Description	Remark
a	Show All	Check box	Able to view all patient record
b	Dispensing Location	Dispensing location. (It will list down all active location assigned to the user)	Able to filter and search patient's record by dispensing location
c	Patient Name	Name of Patient	Allow to search by patient name
d	Order Type	-All -Normal	All -Type of search from range Normal, SPUB, Discharge and Referred Patient



		-SPUB -Discharge -Referred Patient	Normal – Prescription from normal order SPUB - Prescription from SPUB order Discharge - Prescription from Discharge order Referred Patient – Prescription from referred patient
e	MRN	Patient Medical Record Number	Search option: <ul style="list-style-type: none"> Type the MRN either full or partial: <i>Example: HPSF00001234 or "1234"</i>
f	Mode of Services	<ul style="list-style-type: none"> All Appointment Card Comm. Apps in Smart Phone Email and Take Fax and Take Leave and Collect Locker4U Normal Collection Others Telephone And Take UMP Walk-in/Without Appointment 	Allow user to search by patient registered with value added services for next collection
g	Order Status	<ul style="list-style-type: none"> All New Order Partial Supply 	Able to filter the order by order status
h	IC No/Other Identification	Identification Number	Allow to search by full or partial ID Number
i	Prescription Status	<ul style="list-style-type: none"> All Hold Expired 	Able to filter by prescription status
Advanced Search			
a	Order Location	Order location. (It will list down all active visit location)	Able to filter and search patient's record by order location
b	Order Location Type	<ul style="list-style-type: none"> All Clinic Day Care ER Nursing Unit Pharmacy 	Able to filter and search patient's record by order location type
c	Order Date from	Order date from	Able to filter and search patient's record by order date from
d	Order Date To	Order date to	Able to filter and search patient's record by order date to
e	Next Supply From	Next supply from date	Able to filter and search patient's record by next supply from date
f	Next Supply To	Next supply to date	Able to filter and search patient's record by next supply to date
g	Queue Date	Queue Date	Able to patient's record by queue date

h	Queue Series	<ul style="list-style-type: none"> - All - Normal - Express - Special - Others 	Able to filter and search patient's record by Queue series
i	Queue No	Queue No	Able to filter and search by Queue No
j	Next Dispense At	<ul style="list-style-type: none"> - All - Drive Through Counter - Pharmacy Counter - Bedside - PPUSS 	Able to filter and search patient's record by Next Dispense At

Table 3.3.1-1

STEP 2

Click on the  button to search the patient

Note

Search result of current order patient list will be displayed:

- Queue No
- MRN
- Original Prescription Serial No
- Patient Name
- Queue Series
- Order Date Time
- Order Location
- Current Collection Mode
- Next Collection Date
- Order Type
- Prescription Status
- Arrival Time
- Waiting Time

STEP 3

Double click on the selected patient's name

PREPARATION

Print Patient Label Record Prescription Intervened Prescription Original Prescription PCI CP4

	HXXXX XXXX XXX	Mykad [REDACTED]	Age 68 Years 23 Days	Gender Male	MRN HSM239419
	Address	Phone And Email	Diagnosis	Allergy: Need To Be Assessed	Vital Sign
Upload Photo	Height <input type="text"/> cm	Weight <input type="text"/> kg	BMI/BSA 0/0 m ²	Update (Last Updated :) Nationality : Warganegara	

[Demographic](#) | [Medication Profile](#) | [Pharmacist Notes](#) | [MTAC History](#) | [Monitoring Parameter](#) | [Counselling History](#) | [Other Appointment](#) | [Outbreak Patient](#) | [VAS History](#)

Encounter No: 0007 Actual Visit Date: 09/02/2023 Attending Practitioner: Visit Location: MOPD Rx No: MED000112225 Ordered By: [REDACTED]

PHARMACY ORDER

Patient Arrived Queue Series **Normal** Queue No **2078** Arrival Time **16/02/2023 12:15 PM** Waiting Time **0:0:59** Collector Name **HXXXX XXXX XXX** Relationship **Patient**

Clinic TCA	<input type="text"/>	No. of Days: 0	Current Collection Mode	Normal Collection
Next Collection Date	18/03/2023	Total Patient: 1	Next Collection Mode	Normal Collection
Supply Duration	30 Days		Next Collection Location	Outpatient Pharmacy
Adherence Score	MPR <input type="text"/>	History	SPUB Out	<input type="checkbox"/> SPUB <input type="checkbox"/> SPUB R1 Form

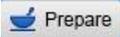
PRESCRIPTION

ENGLISH Invoice Worksheet Worksheet Balance Medication Sheet Balance Medication Sheet Label Label Full Supply Allocate Prepare

Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneous
Amlodipine 5 mg Tablet	15 mg, OM, Oral, 90 Days 09/02/2023 02:22 PM - 10/05/2023 02:22 PM	270 tablet	0 tablet	90 <input type="checkbox"/> Alternate(C)	0 tablet <input type="checkbox"/> POMs	90 tab	180 tablet (53 day(s))	Remarks	<input type="checkbox"/> Detail	<input type="checkbox"/> Detail

Figure 3.3.1-2 Preparation

STEP 4

Click on the  button to proceed for preparation.

Note

Preparation screen consist of 2(two) sections:

a. Pharmacy Order

Description	Remarks
Queue Series	Queue series based on facility
Queue Number	System will auto generate queue number. This number will be reset on a daily basis
Arrival Time	Patient arrived time
Waiting Time	Patient waiting time
Collector Name	Person or patient collecting the medicine
Relationship	Relationship between person collecting the medicine and the patient
Clinic TCA	To come again
Current Collection Mode	Current collection mode
SPUB	SPUB
Next Collection Date	Next collection date
Next collection mode (Value Added Services)	To select the mode of collection
Dispense at	Dispense location
Supply Duration	Drug to be supply based on ordered duration

Next Collection Location	Next collection location to be collect
Adherence Score	Score to be entered between 1 to 8 with max 2 decimal points
MPR	Calculated for partial supply prescription only

Table 3.3.1-2

b. Prescription

Description	Remarks
Drug Name	Ordered drug from prescriber
Order Detail	Ordered detail such as dose, frequency and duration
Order Qty	Order quantity from prescriber
Reserve Qty	Drugs quantity to be reserve
Dispense UOM Qty	Drugs dispensed in Unit of Measurement
Balance	Drug balance and balance days
Remarks	Prescription remarks from prescriber
Drug Counseling	To view or create new medication counseling
Prev Disp Qty	Previous dispensed quantity
Extemporaneous	To prepare worksheet for extemporaneous
Prescriber name	Doctor who prescribes the prescription
Status	Prescription status

Table 3.3.1-3

Note

- *Drug Interaction and Drug Info at Dispensing screen (Screening, Preparation, Dispensing, Single Stage) is displayed under the drug name.*
 - *Drug Interaction = *
 - *Drug Info = *
- *If there are any drug interaction, this icon  will change to red colour  and once clicks, it will display the drug interaction screen info.*
- *This icon , will display the drug information screen*
- *Reserve quantity will be auto allocate depends on the order quantity or supply duration. Click on the reserve quantity to allocate manually. Refer steps in [section 3.3.2 Allocate Quantity](#).*
- *Adherence score field is available. User can enter the score between 1- 8. User is allowed to enter decimal value up to 2 decimal points.*
- *Adherence score is available in the following screen*
 - Screening and verification*
 - Preparation*
 - Dispensing*
 - Single Stage*
- *Medication Possession Rate (MPR) value will be calculated for partial supply prescription only.*
- *MPR Formula:*
 - To count MPR for all active drugs but display minimum MPR at prescription level.*
 - Exemption of MPR calculation for drug with PRN frequency*

$$\% \text{ MPR} = \frac{\text{Supply Duration}}{\text{Duration between previous supply start date until current date}}$$

Example

Scenario 1:

Previous dispensing done on 5/3/2017 for few drugs:

- Drug A, TDS
Previous supply start on 5/3/2015 for 30 days
Current date is 20/3/2017.
 - Supply duration = 30 days
 - Duration between previous start and current = 5/3/2017 to 20/3/2017 = 15 days
 - Drug MPR = $(30/15) \times 100 = \underline{200}$

- Drug B, BD
Previous supply start on 7/3/2015 for 40 days
Current date is 20/3/2017.
 - Supply duration = 40 days
 - Duration between previous start and current = 7/3/2017 to 20/3/2017 = 13 days
 - Drug MPR = $(40/13) \times 100 = \underline{308}$

MPR at prescription level = minimum MPR for all active drug = 200

Scenario 2: (Exemption for PRN frequency)

Previous dispensing done on 5/3/2017 for few drugs:

- Drug A, PRN
Previous supply start on 5/3/2015 for 30 days
Current date is 20/3/2017.
 - Supply duration = 30 days
 - Duration between previous start and current = 5/3/2017 to 20/3/2017 = 15 days
 - Drug MPR = $(30/15) \times 100 = \underline{N/A}$

- Drug B, BD,
Previous supply start on 7/3/2015 for 40 days
Current date is 20/3/2017.
 - Supply duration = 40 days
 - Duration between previous start and current = 7/3/2017 to 20/3/2017 = 13 days
 - Drug MPR = $(40/13) \times 100 = \underline{308}$

MPR at prescription level = minimum MPR for all active drug = 308

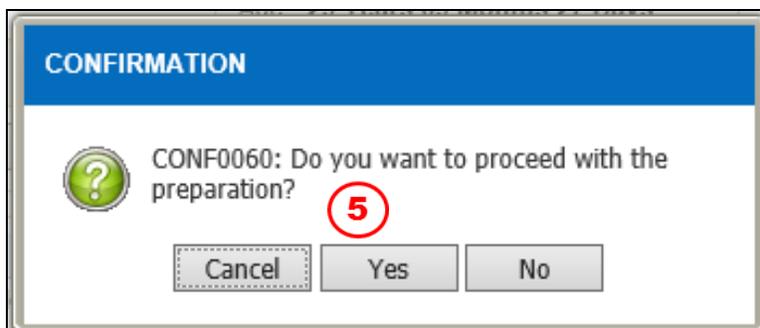


Figure 3.3.1-3 Confirmation Alert Message



STEP 5

Click on the button to confirm preparation and window will close automatically

3.3.2 Allocate Quantity

This function allow user to manually allocate reserve quantity by batch.

Demographic | Medication Profile | Pharmacist Notes | MTAC History | Monitoring Parameter | Counselling History | Other Appointment | Outbreak Patient | VAS History

Encounter No: 0007 Actual Visit Date: 09/02/2023 Attending Practitioner: Visit Location: MOPD Rx No: MED000112225 Ordered By: [REDACTED]

PHARMACY ORDER

Patient Arrived Queue Series: Normal Queue No: 2078 Arrival Time: 16/02/2023 12:15 PM Waiting Time: 0:0:59 Collector Name: HXXXX XXXX XXX Relationship: Patient

Clinic TCA: [REDACTED] No. of Days: 0 Current Collection Mode: Normal Collection
 Next Collection Date: 18/03/2023 Total Patient: 1 Next Collection Mode: Normal Collection Next Dispense At: Pharmacy Counter
 Supply Duration: 30 Days Next Collection Location: Outpatient Pharmacy SPUB Out: SPUB SPUB R1 Form
 Adherence Score: [REDACTED] MPR: [REDACTED] History

PRESCRIPTION [Icons] ENGLISH Invoice Worksheet Worksheet Balance Medication Sheet Balance Medication Sheet Label Label Full Supply Allocate Prepare

Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneous
Amlodipine 5 mg Tablet	15 mg, OM, Oral, 90 Days 09/02/2023 02:22 PM - 10/05/2023 02:22 PM	270 tablet	0 tablet	0 <input type="text" value="30"/> <input type="button" value="Alternate(C)"/>	0 tablet <input type="checkbox"/> POMs	90 tab	180 tablet (53 day(s))	Remarks	<input type="checkbox"/> Detail	<input type="checkbox"/> Detail

Figure 3.3.2-1 Preparation

Note

Repeat **steps 1 to 3** as per section **3.3.1 Prepare** before performs **Allocate Quantity** steps.

STEP 1

Click on **Reserve Qty** to allocate quantity (the number)

ITEM BATCH DETAILS [Icons]

Drug Code: H02AB06000T1001XX Default SKU: tablet
 Drug Name: Prednisolone 5 mg Tablet Dispense UOM: tablet
 Order Detail: 10 mg, OD (once daily), 3 Months, 09/12/2021 - 09/03/2022 Supply Duration: 30 days Date From: 11/01/2022 to: 10/02/2022

BATCH DETAIL [Icons] [1 - 2 / 2]

Batch No	Expiry Date	Available Qty	UOM Qty	Allocated Qty
2008030 (pck of 30 tablet)	31/08/2023	24969	0 tablet	0
2008033 (pck of 30 tablet)	31/08/2023	13810	60 <input type="text" value="60"/>	60

Total Available Qty: 38779 Total Allocated Qty: 60

Figure 3.3.2-2 Item Batch Details

STEP 2

Change the value of **Supply Duration** or the **UOM Qty**

ITEM BATCH DETAILS

3
📄 ↻ ✕

Drug Code	H02AB06000T1001XX	Default SKU	tablet
Drug Name	Prednisolone 5 mg Tablet	Dispense UOM	tablet ▼
Order Detail	10 mg, OD (once daily), 3 Months, 09/12/2021 - 09/03/2022	Supply Duration	30 days Date From 11/01/2022 to 10/02/2022

BATCH DETAIL

[1 - 2 / 2]

Batch No	Expiry Date	Available Qty	UOM Qty	Allocated Qty
2008030 (pck of 30 tablet)	31/08/2023	24969	0 tablet	0
2008033 (pck of 30 tablet)	31/08/2023	13810	60 tablet	60
Total Available Qty		38779	Total Allocated Qty	
			60	

Figure 3.3.2-3 Item Batch Details

Note

Item Batch Details window consist of 2(two) sections:

a. Item Batch Details

Description	Remarks
Drug Code	The value will be defaulted to the drug code selected from the prescription list, auto display.
Default SKU	The value will be defaulted to the SKU selected from the prescription list, auto display.
Drug Name	The value will be defaulted to the drug name selected from the prescription list, auto display.
Dispense UOM	auto from generate from the drug master.
Order Detail	The value will be defaulted to the duration selected from the prescription list. Will include duration, order start and end date, auto display.
Supply Duration	The value will be defaulted to the duration selected from the prescription list, auto display. User is allowing to change this value.

b. Batch Details - will list down all item batches which are related to the selected drug where expiry date is less than 30 days from the current date.

Description	Remarks
Batch Number	Available batch no
Expiry Date	Batch expiry date
Available Quantity	Quantity available for the selected batch

UOM Qty	<i>Quantity available by UOM</i>
Allocated Qty	<i>Reserved quantity from the selected batch. Allocated quantity cannot be more than the available quantity and order quantity.</i>

Table 3.3.2-1

STEP 3

Click on the  button to save record

Note

User may click on the  button to automatically allocate the reserve quantity

3.3.3 Drug Label and Balance Medication Sheet (BMS)

This function allow user to edit and print drug label and balance medication sheet after allocating the reserve quantity.

Demographic | Medication Profile | Pharmacist Notes | MTAC History | Monitoring Parameter | Counselling History | Other Appointment | Outbreak Patient | VAS History |

Encounter No: 0003 Actual Visit Date: 16/02/2023 Attending Practitioner: Visit Location: MOPD Rx No: MED000112282 Ordered By:

Original Prescription Serial No: 1231212312

PHARMACY ORDER

Patient Arrived Queue Series: Normal Queue No: 1154 Arrival Time: 16/02/2023 12:28 PM Waiting Time: 0:0:50 Collector Name: 580705086590 Relationship: Patient

Clinic TCA: No. of Days: 0 Current Collection Mode: Normal Collection

Next Collection Date: 18/03/2023 Total Patient: 2 Next Collection Mode: Normal Collection Next Dispense At: Pharmacy Counter

Supply Duration: 30 Days Next Collection Location: Outpatient Pharmacy SPUB Out: SPUB SPUB R1 Form

Adherence Score: MPR History

PRESCRIPTION [Pause] [Refresh] [Print] [English] Invoice Worksheet Worksheet Balance Medication Sheet Balance Medication Sheet **Label** Label Full Supply Allocate Prepare

Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneous	Pre
Paracetamol 500 mg Tablet	1000 mg, TID, Oral, 3 Months 16/02/2023 12:27 PM - 17/05/2023 12:27 PM	10 tablet	0 tablet	10 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	10 tab	0 tablet (60 day(s))	Remarks	<input type="checkbox"/> Detail		
Amlodipine 10 mg Tablet	10 mg, OM, Oral, 3 Months 16/02/2023 12:27 PM - 17/05/2023 12:27 PM	90 tablet	0 tablet	30 <input type="checkbox"/> Alternate(C)	0 tablet <input type="checkbox"/> POMs	30 tab	60 tablet (60 day(s))	Remarks	<input type="checkbox"/> Detail	<input type="checkbox"/> Detail	
Prednisolone 5 mg Tablet	5 mg, OD, Oral, 3 Months 16/02/2023 12:28 PM - 17/05/2023 12:28 PM	90 tablet	0 tablet	30 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	30 tab	60 tablet (60 day(s))	Remarks	<input type="checkbox"/> Detail	<input type="checkbox"/> Detail	

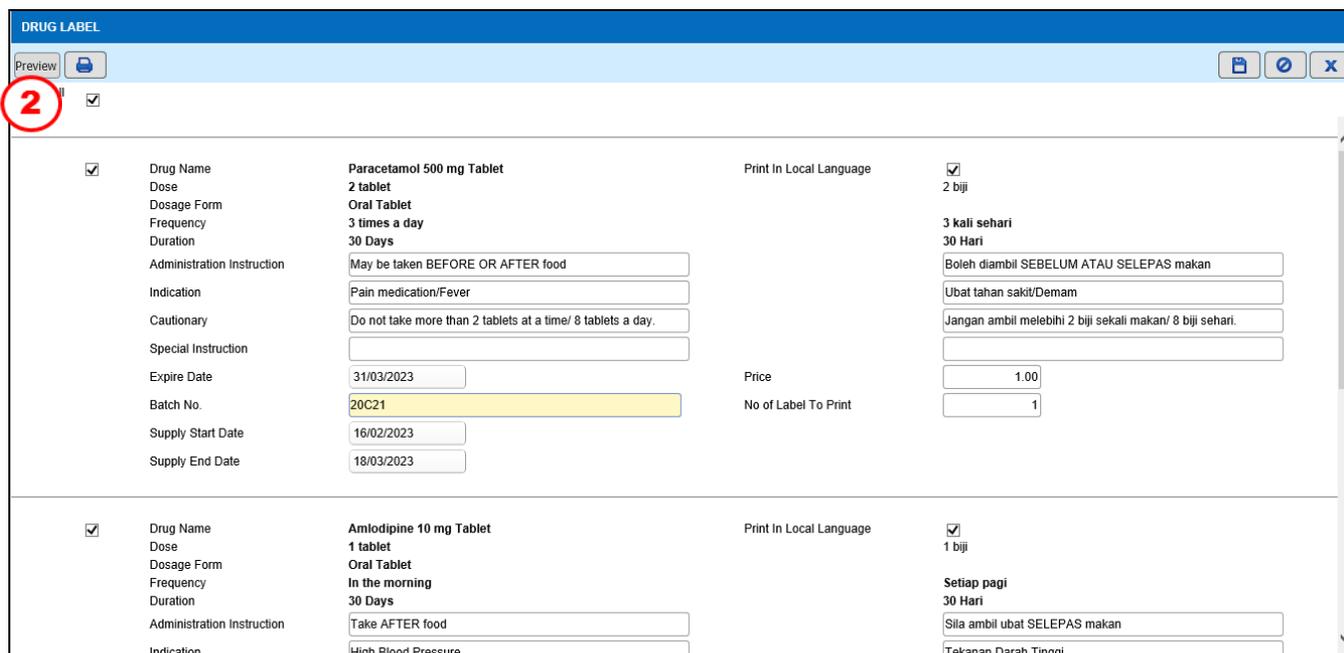
Figure 3.3.3-1 Preparation

STEP 1

Click on the button to print drug label

Note

- Repeat step 1 and 3 as per [section 3.3.1 Prepare](#) before performs Drug Label steps.
- All the button with the icon is for **direct printing** such as , and .
- All the button without the icon is for **preview, edit then print** process such as , , and .



DRUG LABEL			
<input type="checkbox"/>	<input type="checkbox"/>	Drug Name Dose Dosage Form Frequency Duration Administration Instruction Indication Cautionary Special Instruction Expire Date Batch No. Supply Start Date Supply End Date	Paracetamol 500 mg Tablet 2 tablet Oral Tablet 3 times a day 30 Days May be taken BEFORE OR AFTER food Pain medication/Fever Do not take more than 2 tablets at a time/ 8 tablets a day. 31/03/2023 20C21 16/02/2023 18/03/2023
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Drug Name Dose Dosage Form Frequency Duration Administration Instruction Indication	Print in Local Language 2 biji 3 kali sehari 30 Hari Boleh diambil SEBELUM ATAU SELEPAS makan Ubat tahan sakit/Demam Jangan ambil melebihi 2 biji sekali makan/ 8 biji sehari. 1.00 1 High Blood Pressure
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Drug Name Dose Dosage Form Frequency Duration Administration Instruction Indication	Amlodipine 10 mg Tablet 1 tablet Oral Tablet In the morning 30 Days Take AFTER food High Blood Pressure

Figure 3.3.3-2 Drug Label

STEP 2

Click on the  button to preview **Drug Label**

Note

- User able to click drug label to automatically print all medication labels.
- User able to click checkbox to print selected drug only.
- Untick on Print in Local Language check box to print label in English (default is in Malay).
- Enter No of Label to Print.
- Able to edit Administration Instruction, Indication, Cautionary, Special Instruction, and Price.
- Enhancement on drug label
 - To put 'dose' and 'frequency' in one line.
 - 'Route' to move in 2nd line.
 - Line to reduce (make it more thin/grey color)
 - Apply both to IP and OP. IP Label - remove the split boxes in dose and frequency and increase font for dose and frequency.
 - Remain background color as white for all information for all labels.
 - Combine Special Instruction and Cautionary into 1 column.



Figure 3.3.3-3 Print Drug Label

STEP 3

Click on the  button to print the label

Drug label will display:

- a) Facility name
- b) Patient name
- c) MRN no
- d) Identification Number
- e) Visit Location
- f) Date and Time
- g) Indication
- h) Administration Instruction
- i) Cautionary advice
- j) Special instruction
- k) Name of drug
- l) Dose
- m) Dosage Form
- n) Frequency
- o) Duration
- p) Batch No - from the selected batch information
- q) Price - from the selected drug price, however user is allowed to change the value
- r) Expiry date

Note

- For child aged 0-1 month (newborn), drug label will show dose in two (2) decimal point and will apply for following dosage form:
 - Oral Drop
 - Oral Emulsion
 - Oral Herbal Tea
 - Oral Medicated Wine
 - Oral Solution
 - Oral Suspension
 - Solution

HOSPITAL PAKAR SULTANAH FATIMAH (Tel: 069521901)		
BABY OF ABC		
HPSF00305653	KLINIK PAKAR PERUBATAN	21XXXXXX9988
Erythromycin Ethylsucc 400 mg/5 ml Susp		
Ambil 1.88 ml 2 kali sehari		
-		
Boleh diambil SEBELUM ATAU SELEPAS makan Makan pada masa ditetapkan dan habiskan makan ubat ini. Jumpa doktor sekiranya ada berlaku alahan.		
Antibiotik/Jangkitan		
08/07/21-09/07/21 [1 hari]	4 ml	RM1.00
UBAT TERKAWAL JAUHI DARIPADA KANAK-KANAK		08/07/2021 03:28 PM

3.3.3-4 Drug Label – Newborn (0-1 month)

Balance Medication Sheet

Demographic | Medication Profile | Pharmacist Notes | MTAC History | Monitoring Parameter | Counselling History | Other Appointment | Outbreak Patient | VAS History |

Encounter No: 0003 Actual Visit Date: 16/02/2023 Attending Practitioner: [REDACTED] Visit Location: MOPD Rx No: MED0001112282 Ordered By: [REDACTED]
Original Prescription Serial No: 1231212312

PHARMACY ORDER

Patient Arrived Queue Series: Normal Queue No: 1154 Arrival Time: 16/02/2023 12:28 PM Waiting Time: 0:0:50 Collector Name: 580705086590 Relationship: Patient

Clinic TCA: [REDACTED] No. of Days: 0 Current Collection Mode: Normal Collection
 Next Collection Date: 18/03/2023 Total Patient: 2 Next Collection Mode: Normal Collection Next Dispense At: Pharmacy Counter
 Supply Duration: 30 Days Next Collection Location: Outpatient Pharmacy SPUB Out: SPUB SPUB R1 Form
 Adherence Score: [REDACTED] MPR: [REDACTED] [History](#)

PRESCRIPTION [Pause] [Refresh] [Print] [English] Invoice Worksheet Worksheet Balance Medication Sheet **Balance Medication Sheet** Label Label Full Supply Allocate Prepare

Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneous	Pre
<input type="checkbox"/> Paracetamol 500 mg Tablet	1000 mg, TID, Oral, 3 Months 16/02/2023 12:27 PM - 17/05/2023 12:27 PM	10 tablet	0 tablet	10 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	10 tab	0 tablet (60 day(s))	Remarks	<input type="checkbox"/> Detail		
<input type="checkbox"/> Amlodipine 10 mg Tablet	10 mg, OM, Oral, 3 Months 16/02/2023 12:27 PM - 17/05/2023 12:27 PM	90 tablet	0 tablet	30 <input type="checkbox"/> Alternate(C)	0 tablet <input type="checkbox"/> POMs	30 tab	60 tablet (60 day(s))	Remarks	<input type="checkbox"/> Detail	<input type="checkbox"/> Detail	
<input type="checkbox"/> Prednisolone 5 mg Tablet	5 mg, OD, Oral, 3 Months 16/02/2023 12:28 PM - 17/05/2023 12:28 PM	90 tablet	0 tablet	30 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	30 tab	60 tablet (60 day(s))	Remarks	<input type="checkbox"/> Detail	<input type="checkbox"/> Detail	

Figure 3.3.3-5 Print Balance Medication Sheet

STEP 1

Click on the Balance Medication Sheet button to preview the Balance Medication Sheet as per **Figure 3.3.3-6**

BALANCE MEDICATION SHEET (BMS)

No Preskripsi : MED000112282 (1231212312) Tarikh Preskripsi : 16/02/2023
 Nama : No K/P :
 Umur : 64 Years 07 Months 11 Days 05/07/1958 MRN : HSM005624
 Lokasi : MOPD
 Alahan : Berat : 45.00 kg
 BMI/BSA : 21.4 / 1.35
 Diagnosis : Dipreskrib oleh :
 Temujanji Klinik :

Bil	Maklumat Preskripsi				Maklumat Pendispensan																
	Nama Ubat	Maklumat Dos	Kuantiti Ubat	Tarikh: Kuantiti	Baki	TCA	F	D	16/02/2023	Tarikh: Kuantiti	Baki	TCA	F	D	16/02/2023	Tarikh: Kuantiti	Baki	TCA	F	D	
1	Paracetamol 500 mg Tablet	1000 mg, TDS (3 times a day), 3 Months, Oral	10 tablet	10	0																
2	Amlodipine 10 mg Tablet	10 mg, OM (every morning), 3 Months, Oral	90 tablet	30	60																
3	Prednisolone 5 mg Tablet	5 mg, OD (once daily), 3 Months, Oral	90 tablet	30	60																

Figure 3.3.3-6 Print Balance Medication Sheet

STEP 2

Click on the button to print the balance medication sheet

3.3.4 Extemporaneous: By Patient

This function allow user to generate worksheet and print Ingredient label prepared patient based on drugs setup.

Demographic | Medication Profile | Pharmacist Notes | MTAC History | Monitoring Parameter | Counselling History | Other Appointment | Outbreak Patient | VAS History |

Encounter No: 0003 Actual Visit Date: 16/02/2023 Attending Practitioner: Visit Location: MOPD Rx No: MED000112282 Ordered By:

Original Prescription Serial No: 1231212312

PHARMACY ORDER

Patient Arrived Queue Series: Normal Queue No: 1154 Arrival Time: 16/02/2023 12:28 PM Waiting Time: 0:0:50 Collector Name: 580705086590 Relationship: Patient

Clinic TCA: No. of Days: 0 Current Collection Mode: Normal Collection
 Next Collection Date: 18/03/2023 Total Patient: 2 Next Collection Mode: Normal Collection Next Dispense At: Pharmacy Counter
 Supply Duration: 30 Days Next Collection Location: Outpatient Pharmacy SPUB Out: SPUB SPUB R1 Form
 Adherence Score: MPR History

PRESCRIPTION

Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneous
Paracetamol 500 mg Tablet	1000 mg, TID, Oral, 3 Months 16/02/2023 12:27 PM - 17/05/2023 12:27 PM	10 tablet	0 tablet	10	0 tablet POMs	10 tab	0 tablet (60 day(s))	Remarks	<input type="checkbox"/> Detail	<input type="checkbox"/> Detail
Amlodipine 10 mg Tablet	10 mg, OM, Oral, 3 Months 16/02/2023 12:27 PM - 17/05/2023 12:27 PM	90 tablet	0 tablet	30 Alternate(C)	0 tablet POMs	30 tab	60 tablet (60 day(s))	Remarks	<input type="checkbox"/> Detail	<input checked="" type="checkbox"/> Detail
Prednisolone 5 mg Tablet	5 mg, OD, Oral, 3 Months 16/02/2023 12:28 PM - 17/05/2023 12:28 PM	90 tablet	0 tablet	30	0 tablet POMs	30 tab	60 tablet (60 day(s))	Remarks	<input type="checkbox"/> Detail	<input type="checkbox"/> Detail

Figure 3.3.4-1 Preparation

Note

Repeat step 1 to 3 as section 3.3.1 Prepare and perform Extemporaneous as below.

STEP 1

Click on the **Extemporaneous** checkbox and system will display extemporaneous screen as Figure 3.3.4-2

EXTEMPORANEOUS

i
2
Print Ingredient Label
4

Preparation Done By Pharmacist Patient

Preparation Name * 3 Concentration mg /ml

Dosage ml

Item	Item Name	Quantity	UOM	Batch No	Expiry Date
Active Ingredient	Amlodipine 10 mg Tablet	30 tablet		BH32335	07/05/2023
Vehicle	Syrup BP	<input type="text" value="300"/>	<input type="text" value="ml"/>		

Storage Condition and Procedures in Local Language

Storage Condition Expiry Days

References Formulation Remarks

Procedures(Preparation by Pharmacist)

Procedures(Preparation by Patient) ↑
↓

Preparation Remarks

Figure 3.3.4-2 Extemporaneous

STEP 2

Click on 'Patient' radio button

Note

Extemporaneous screen will be displayed:

- a) Active Ingredient
- b) Vehicle
- c) Quantity
- d) UOM
- e) Storage Condition
- f) Expiry day
- g) Reference
- h) Procedures (Preparation by Pharmacist)
- i) Procedures (Preparation by Patient)
- j) Formulation Remarks
- k) Preparation Remarks
- l) All information will be auto capture from the selected drug information

STEP 3

Select **Preparation Name** from drop down box

Note

- Concentration, dosage, Quantity, Storage Condition, Vehicle, Formulation Remarks and Procedures/Preparation by Patient and Reference will be retrieve from Master Setup.
- Able to select Storage Condition and Procedures in Local Language.
- Able to change Vehicle UOM if applicable.
- Able to change Expiry duration.
- Procedures/Preparation by Pharmacist is editable.
- If there is Additional item, enter the value appropriately (may refer to Procedures)

STEP 4

Click on the  button to save record. Screen will return back to the Preparation screen



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Demographic | Medication Profile | Pharmacist Notes | MTAC History | Monitoring Parameter | Counselling History | Other Appointment | Outbreak Patient | VAS History |

Encounter No: 0003 Actual Visit Date: 16/02/2023 Attending Practitioner: Visit Location: MOPD Rx No: MED0001112282 Ordered By:

Original Prescription Serial No: 1231212312

PHARMACY ORDER

Patient Arrived Queue Series: Normal Queue No: 1154 Arrival Time: 16/02/2023 12:28 PM Waiting Time: 0:9:55 Collector Name: 580705086590 Relationship: Patient

Clinic TCA: No. of Days: 0 Current Collection Mode: Normal Collection

Next Collection Date: 18/03/2023 Total Patient: 2 Next Collection Mode: Normal Collection Next Dispense At: Pharmacy Counter

Supply Duration: 30 Days Next Collection Location: Outpatient Pharmacy SPUB Out: SPUB SPUB R1 Form

Adherence Score: MPR History

PRESCRIPTION [Pause] [Refresh] [Print] [English] Invoice Worksheet Worksheet Balance Medication Sheet Balance Medication Sheet Label Label Full Supply Allocate Prepare

	Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneous	Preparation
<input type="checkbox"/>	Paracetamol 500 mg Tablet	1000 mg, TID, Oral, 3 Months 16/02/2023 12:27 PM - 17/05/2023 12:27 PM	10 tablet	0 tablet	10 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	10 tab	0 tablet (60 day(s))	Remarks	<input type="checkbox"/> Detail		DR CHAI GAN
<input type="checkbox"/>	Amlodipine 10 mg Tablet	10 mg, OM, Oral, 3 Months 16/02/2023 12:27 PM - 17/05/2023 12:27 PM	90 tablet	0 tablet	30 <input type="checkbox"/> Alternate(C)	0 tablet <input type="checkbox"/> POMs	30 tab	60 tablet (60 day(s))	Remarks	<input type="checkbox"/> Detail	<input checked="" type="checkbox"/> Detail	DR CHAI GAN
<input type="checkbox"/>	Prednisolone 5 mg Tablet	5 mg, OD, Oral, 3 Months 16/02/2023 12:28 PM - 17/05/2023 12:28 PM	90 tablet	0 tablet	30 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	30 tab	60 tablet (60 day(s))	Remarks	<input type="checkbox"/> Detail	<input type="checkbox"/> Detail	DR CHAI GAN

Figure 3.3.4-3 Preparation

STEP 5

Click on the  button to print label

DRUG LABEL

Preview    

6

Supply End Date: 18/03/2023

<input checked="" type="checkbox"/>	Drug Name	Amlodipine 1mg/1ml Oral Liquid	Print In Local Language	<input checked="" type="checkbox"/>
	Dose	10 ML		
	Dosage Form	Oral Tablet		
	Frequency	In the morning		Setiap pagi
	Duration	30 Days		30 Hari
	Administration Instruction	Take AFTER food		Sila ambil ubat SELEPAS makan
	Indication	High Blood Pressure		Tekanan Darah Tinggi
	Cautionary			
	Special Instruction			
	Expire Date	02/03/2023	Price	3.00
	Batch No.	BH32335	No of Label To Print	1
	Supply Start Date	16/02/2023		
	Supply End Date	18/03/2023		

<input type="checkbox"/>	Drug Name	Prednisolone 5 mg Tablet	Print In Local Language	<input checked="" type="checkbox"/>
	Dose	1 tablet		1 biji
	Dosage Form	Oral Tablet		
	Frequency	Daily		1 Kali Sehari
	Duration	30 Days		30 Hari

Figure 3.3.4-4 Label to be printed

STEP 6

Click on the  button to preview the extemporaneous label.

Note

Select extemporaneous drug before preview the label.

HOSPITAL SERI MANJUNG (Tel: 056896600)		
580705086590		
HSM065624	MOPD	58XXXXXX6590
Amlodipine 1mg/1ml Oral Liquid		
Ambil 10 ML Setiap pagi		
Diambil		
Sila ambil ubat SELEPAS makan		
Tekanan Darah Tinggi		EXP:02/03/2023
16/02/23-18/03/23 [30 hari]	300 ml	RM3.00
UBAT TERKAWAL JAUHI DARIPADA KANAK-KANAK		16/02/2023 12:39 PM
HOSPITAL SERI MANJUNG (Tel: 056896600)		
Cara Penyediaan:		
1. Ambil 1 biji Amlodipine 10 mg Tablet.		
2. Hancurkan Amlodipine 10 mg Tablet.		
3. Tambah 10 ml Syrup BP.		
4. Larutkan supaya sekata.		
5. Sukat dan minum 10 ML.		
6. Buat bancuhan baru setiap pengambilan ubat.		
UBAT TERKAWAL JAUHI DARIPADA KANAK-KANAK		16/02/2023 12:39 PM

Figure 3.3.4-5 Label



3.3.5 Extemporaneous: By Pharmacist

Preparation screens allow user to generate Extemporaneous Worksheet done by pharmacist.

Demographic | Medication Profile | Pharmacist Notes | MTAC History | Monitoring Parameter | Counselling History | Other Appointment | Outbreak Patient | VAS History |

Encounter No: 0003 Actual Visit Date: 16/02/2023 Attending Practitioner: Visit Location: MOPD Rx No: MED000112282 Ordered By:

Original Prescription Serial No: 1231212312

PHARMACY ORDER

Patient Arrived Queue Series: Normal Queue No: 1154 Arrival Time: 16/02/2023 12:28 PM Waiting Time: 0:0:50 Collector Name: 580705086590 Relationship: Patient

Clinic TCA: No. of Days: 0 Current Collection Mode: Normal Collection

Next Collection Date: 18/03/2023 Total Patient: 2 Next Collection Mode: Normal Collection Next Dispense At: Pharmacy Counter

Supply Duration: 30 Days Next Collection Location: Outpatient Pharmacy SPUB Out: SPUB SPUB R1 Form

Adherence Score: MPR History

PRESCRIPTION [Pause] [Refresh] [Print] [English] Invoice Worksheet Worksheet Balance Medication Sheet Balance Medication Sheet Label Label Full Supply Allocate Prepare

	Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneous	Pre
<input type="checkbox"/>	Paracetamol 500 mg Tablet	1000 mg, TID, Oral, 3 Months 16/02/2023 12:27 PM - 17/05/2023 12:27 PM	10 tablet	0 tablet	10 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	10 tab	0 tablet (60 day(s))	Remarks Detail	<input type="checkbox"/>		
<input type="checkbox"/>	Amlodipine 10 mg Tablet	10 mg, OM, Oral, 3 Months 16/02/2023 12:27 PM - 17/05/2023 12:27 PM	90 tablet	0 tablet	30 <input type="checkbox"/> Alternate(C)	0 tablet <input type="checkbox"/> POMs	30 tab	60 tablet (60 day(s))	Remarks Detail	<input type="checkbox"/>	1	
<input type="checkbox"/>	Prednisolone 5 mg Tablet	5 mg, OD, Oral, 3 Months 16/02/2023 12:28 PM - 17/05/2023 12:28 PM	90 tablet	0 tablet	30 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	30 tab	60 tablet (60 day(s))	Remarks Detail	<input type="checkbox"/>	<input type="checkbox"/>	

Figure 3.3.5-1 Preparation screen

Note

Repeat step 1 and 3 as per [section 3.3.1 Prepare](#) and performs Extemporaneous by Pharmacist steps.

STEP 1

Click on the **Extemporaneous** checkbox or the [Detail](#) link and system will display extemporaneous screen as Figure 3.3.5-2

Note

If extemporaneous is based on previous patient's extemporaneous, then there is an edit button. If this is a new extemporaneous, then there is no edit button

EXTEMPORANEOUS					
Preparation Done By		<input checked="" type="radio"/> Pharmacist <input type="radio"/> Patient		Worksheet ID	
Preparation Name		Amlodipine 1mg/1ml Oral Liquid(Syrup)		Concentration	
				1 mg /ml	
				Dosage	
				10 ml	
Item	Item Name	Quantity	UOM	Batch No	Expiry Date
Active Ingredient	Amlodipine 10 mg Tablet	30	tablet	BH32335	02/03/2023
Vehicle	Syrup BP	300	ml		
<input type="checkbox"/> Storage Condition and Procedures in Local Language					
Storage Condition	Refrigerate	Expiry	14 Days		
References	Formulation Remarks				
Procedures(Preparation by Pharmacist)	1. Crush tablets in a mortar to a fine powder. 2. Levigate the powder with distilled water until a smooth paste is formed. 3. Add more distilled water to the paste until a liquid is formed and transfer the liquid into the container. 4. Use additional vehicle to rinse the remaining drug from the mortar and pour into the container.				
Procedures(Preparation by Patient)					
Preparation Remarks					

Figure 3.3.5-2 Extemporaneous screen

Note

Freshly prepare screen will be displayed:

- Active Ingredient
- Vehicle
- Quantity
- UOM
- Storage Condition
- Expiry day
- Reference
- Procedures (Preparation by Pharmacist)
- Procedures (Preparation by Patient)
- Formulation Remarks
- Preparation Remarks
- All information will be auto capture from the selected drug information

STEP 2

Click on 'Pharmacist' radio button

STEP 3

Select **Preparation Name** from drop down box

Note

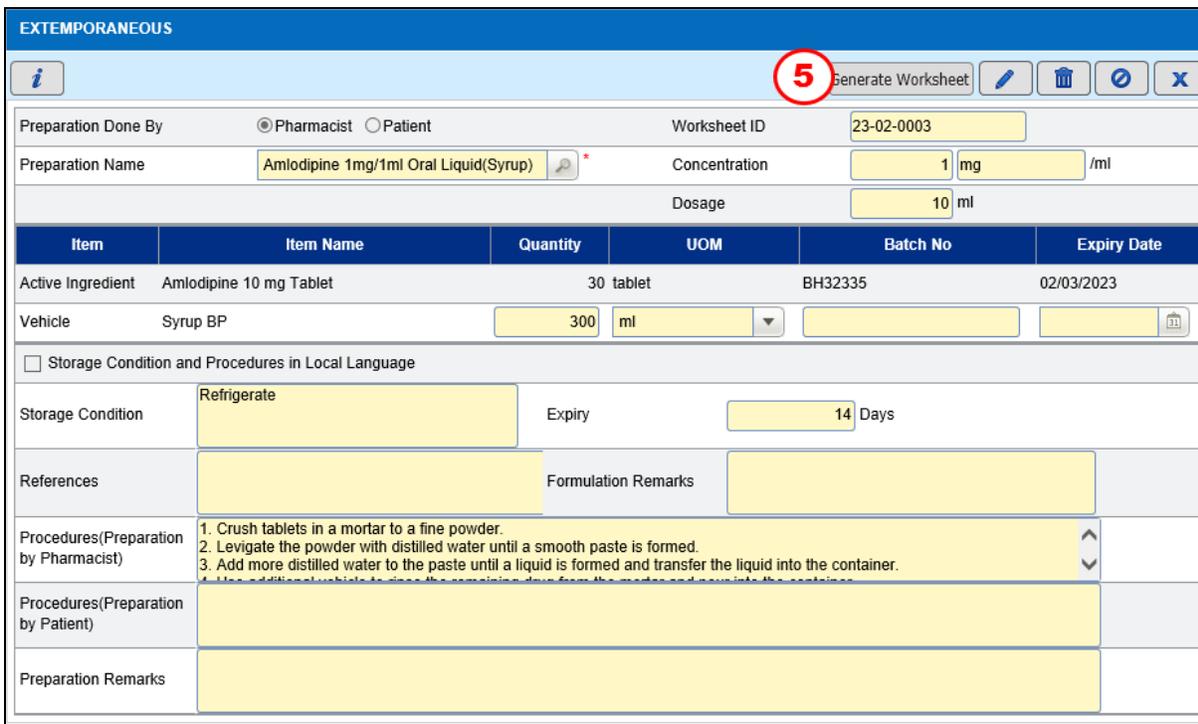
- Concentration, dosage, Quantity, Storage Condition, Vehicle, Expiry Date, Formulation Remarks and Procedures/Preparation by Patient and Reference will be retrieved from Master Setup.
- Able to select Storage Condition and Procedures in Local Language.
- Allow to change Vehicle UOM if applicable.

STEP 4

Click on the  button to save the record

Note

If the screen returned to Preparation screen, click again the [Details](#) link



EXTEMPORANEOUS

5 Generate Worksheet

Preparation Done By: Pharmacist Patient Worksheet ID: 23-02-0003

Preparation Name: Amlodipine 1mg/1ml Oral Liquid(Syrup) Concentration: 1 mg/ml

Dosage: 10 ml

Item	Item Name	Quantity	UOM	Batch No	Expiry Date
Active Ingredient	Amlodipine 10 mg Tablet	30	tablet	BH32335	02/03/2023
Vehicle	Syrup BP	300	ml		

Storage Condition and Procedures in Local Language

Storage Condition: Refrigerate Expiry: 14 Days

References: Formulation Remarks:

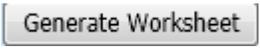
Procedures(Preparation by Pharmacist):
 1. Crush tablets in a mortar to a fine powder.
 2. Levigate the powder with distilled water until a smooth paste is formed.
 3. Add more distilled water to the paste until a liquid is formed and transfer the liquid into the container.
 4. Use additional vehicle to fill the remaining dose from the medicine inside the container.

Procedures(Preparation by Patient):

Preparation Remarks:

Figure 3.3.5-3 Extemporaneous screen

STEP 5

Click on the  button to view the extemporaneous worksheet

Note

 will only be enabled when the record has been saved

EXTEMPORANEOUS WORKSHEET

6

Date of preparation : 16/02/2023 Worksheet Id: 23-02-0003

MRN HSM065624 Name 580705086590

ID No 580705086590

Order Location MOPD Rx. No. MED0001112382

Order Date 16/02/2023 Ordered By TIONG WAN QIAN

No	ROA	Preparation Name	Dose	Total Dose	Material Used			Storage
					Item Name	Volume/Qty Required	Batch No	
1.	Oral	Amlodipine 1mg/1ml Oral Liquid/Syrup Expiry Date : 02/03/2023	10mg (10ML)	300mg (300 ml)	Amlodipine 10 mg Tablet	30 tablet	BH32335	07/05/2023
					Syrup BP	300 ml		

Remarks:

Instruction:

1. Crush tablets in a mortar to a fine powder.
2. Levigate the powder with distilled water until a smooth paste is formed.
3. Add more distilled water to the paste until a liquid is formed and transfer the liquid into the container.
4. Use additional vehicle to rinse the remaining drug from the mortar and pour into the container.
5. Make up to final volume with vehicle.
6. Shake well and label.

Reference:

Worksheet generated by TIONG WAN QIAN Date: 16/02/2023

Worksheet & label checked by Date:

Prepared by Date:

Final Product Checked by Date: 16/02/2023

Figure 3.3.5-4 Extemporaneous Worksheet

STEP 6

Click on the  button to print the worksheet.

Note

- Refer Figure 3.3.5-4 for the Extemporaneous Worksheet by Pharmacist sample.
- Able to print Worksheet to prepare drug for patient.
- Extemporaneous Worksheet will be displayed:
 - a) Worksheet name
 - b) Ministry of Health
 - c) Hospital name
 - d) Date of preparation – auto display current date
 - e) Worksheet ID – auto generated by the system
 - f) MRN – auto display patient medical record number
 - g) Name – auto display from patient details
 - h) ID No – auto display from patient details
 - i) Rx No – auto display from order details
 - j) Order Location – auto capture from order details
 - k) Ordered by – auto capture from order details
 - l) Order Date – auto capture from order details
 - m) Duration – auto capture from order details
 - n) ROA – route of administration code of the drug
 - o) Drug Name – auto capture from order details
 - p) Dose required - auto-capture from order details
 - q) Volume required – allocated quantity of materials
 - r) Batch no, expiry date & manufacturer – auto capture from allocated batch of materials
 - s) Instruction – based on defined instruction in Drug Master for compounding
 - t) Storage – as defined in Drug Master
 - u) No. of preparation – as determined in preparation screen
 - v) Reference – from drug master
 - w) Worksheet generated by – auto capture form login name of person who generates the worksheet



- x) *Worksheet & label checked by*
- y) *Prepared by*
- z) *Final Product Checked by*

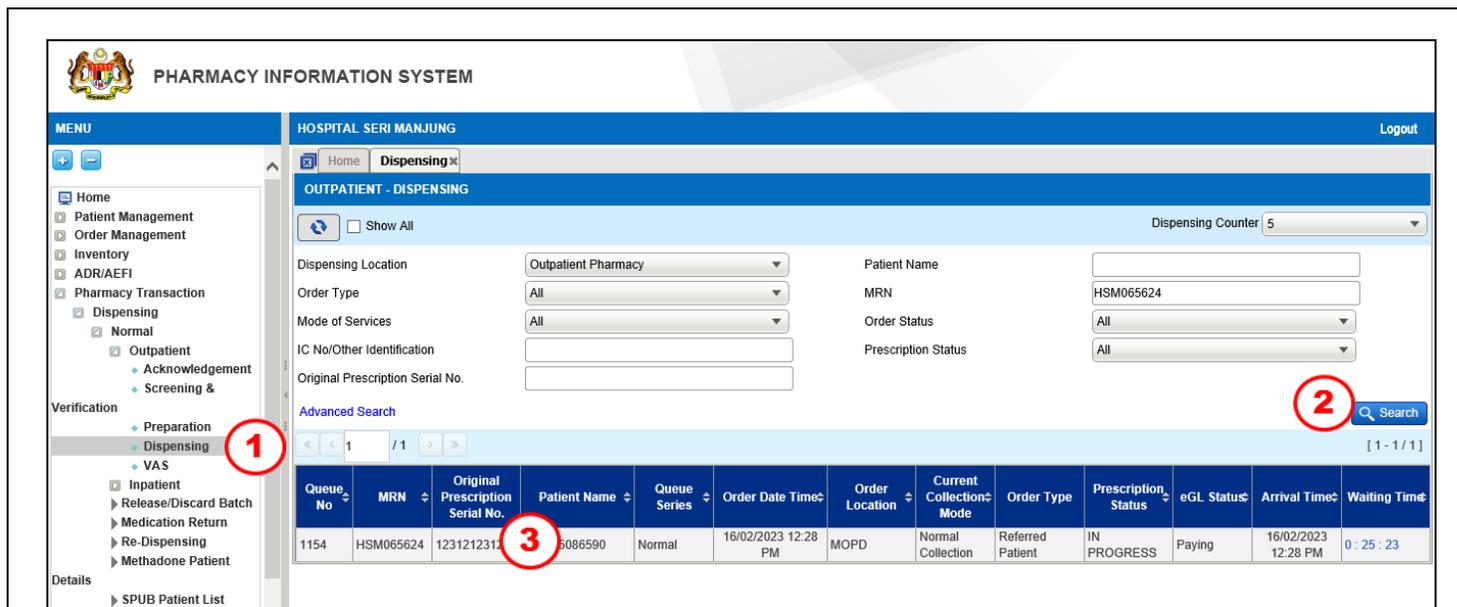
- *User has option to print Labels and Worksheet by clicking on the Printer button.*
- *Once the status is updated to Prepared, the worksheet may no longer be edited.*

3.4 Dispensing

This function will allow the user to dispense medication to the patient after it was prepared.

3.4.1 Dispense

This function is used to dispense the drug(s) to the patient.



PHARMACY INFORMATION SYSTEM

HOSPITAL SERI MANJUNG

Logout

Home Dispensing

OUTPATIENT - DISPENSING

Dispensing Counter 5

Dispensing Location: Outpatient Pharmacy

Order Type: All

Mode of Services: All

IC No/Other Identification: []

Original Prescription Serial No.: []

Patient Name: []

MRN: HSM065624

Order Status: All

Prescription Status: All

Advanced Search

1 / 1

Queue No	MRN	Original Prescription Serial No.	Patient Name	Queue Series	Order Date Time	Order Location	Current Collection Mode	Order Type	Prescription Status	eGL Status	Arrival Time	Waiting Time
1154	HSM065624	123121231	3086590	Normal	16/02/2023 12:28 PM	MOPD	Normal Collection	Referred Patient	IN PROGRESS	Paying	16/02/2023 12:28 PM	0 : 25 : 23

Figure 3.4.1-1 Dispensing

STEP 1

Click on 'Dispensing' sub menu

Note

Various search criteria are provided as below:

Basic Search			
No	Field	Description	Remark
a	Show All		Able to view all patient record
b	Dispensing Location	Dispensing location. (It will list down all active location)	Able to filter and search patient's record by dispensing location
c	Patient Name	Name of patient	Able to filter and search by patient's name
d	Order Type	- All - Normal - SPUB - Discharge	Able to filter and search patient's record by order type
e	MRN	Patient Medical Record Number	Search option: • Type the MRN either full or partial: <i>Example: HPSF00001234 or "1234"</i>
f	Mode of Services	- All - Appointment Card - Comm. Apps in Smart Phone - Email and Take - Fax and Take	Able to filter and search patient's record by mode of services

		<ul style="list-style-type: none"> - Leave and Collect - Locker4U - Normal Collection - Others - Telephone And Take - UMP - Walk-in/Without Appointment 	
g	Order Status	<ul style="list-style-type: none"> -All -Normal -SPUB -Discharge -Referred Patient 	<p>All -Type of search from range Normal, SPUB,Discharge and Referred Patient</p> <p>Normal – Prescription from normal order</p> <p>SPUB - Prescription from SPUB order</p> <p>Discharge - Prescription from Discharge order</p> <p>Referred Patient – Prescription from referred patient</p>
h	IC No/Other Identification	Identification Number	Allow to search by full or partial ID Number
i	Prescription Status	<ul style="list-style-type: none"> -All -Hold -Expired 	Able to filter by prescription status
j	Original Prescription Serial No	Original Prescription Serial No	Allow to search by full or partial original prescription serial no
Advanced Search			
a	Order Location	Order location. (It will list down all active location)	Able to filter and search patient's record by order location
b	Order Location Type	<ul style="list-style-type: none"> -All -Clinic -Day Care -ER -Nursing Unit -Pharmacy 	Able to filter and search patient's record by order location type
c	Order Date from	Order Date from	Able to filter and search patient's record by order date from
d	Order Date To	Order Date To	Able to filter and search patient's record by order date to
e	Queue Date	Queue Date	Able to filter and search patient's record by queue date
f	Queue Series	<ul style="list-style-type: none"> -All -Normal -Express -Special -Others 	Able to filter and search p patient's record by queue series
g	Queue No	Queue No	Able to filter and search patient's record by queue no
h	Next Dispense At	<ul style="list-style-type: none"> - All - Drive Through Counter - Pharmacy Counter - Bedside - PPUSS 	Able to filter and search patient's record by Next Dispense At

Table 3.4.1-1

STEP 2

Click on the  button to search the patient.

Note

Search result of current order patient list will be displayed:

- Queue No
- MRN
- Original Prescription Serial No
- Patient Name
- Queue Series
- Order Date Time
- Order Location
- Current Collection Mode
- Order Type
- Prescription Status
- eGL Status
- Arrival Time
- Waiting Time

STEP 3

Double click on the selected patient and patient detail information will be shown as per Figure 3.4.1-1

Demographic | Medication Profile | Pharmacist Notes | MTAC History | Monitoring Parameter | Counselling History | Other Appointment | Outbreak Patient | VAS History |

Encounter No: 0003 Actual Visit Date: 16/02/2023 Attending Practitioner: [REDACTED] Visit Location: MOPD Rx No: MED000112282 Ordered By: [REDACTED]
Original Prescription Serial No: 1231212312

PHARMACY ORDER

Patient Arrived Queue Series: Normal Queue No: 1154 Arrival Time: 16/02/2023 12:28 PM Waiting Time: 0:29:14 Collector Name: 580705086590 Relationship: Patient

Dispense At: Pharmacy Counter Patient Called 4 Queue No. Called Time: [REDACTED]

Current Collection Mode: Normal Collection Remarks: [REDACTED] SPUB Out SPUB SPUB R1 Form Adherence Score: [REDACTED]

Planned Collection Mode: Normal Collection Witness By: [REDACTED] Drug Counselling Required? [REDACTED] MPR: [REDACTED] [History](#)

Clinic TCA: [REDACTED] No. of Days: 0 Next Collection Mode: Normal Collection VAS Series No.: [REDACTED]

Next Collection Date: 18/03/2023 [REDACTED] Total Patient: 2 Next Collection Location: Outpatient Pharmacy 5

Next Dispense At: Pharmacy Counter

PRESCRIPTION || 🔄 ENGLISH Invoice Release/Discard Worksheet Worksheet Balance Medication Sheet Balance Medication Sheet Label Label Dispense

■	Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	■	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneo	Prescrib Name
<input type="checkbox"/>	Paracetamol 500 mg Tablet	1000 mg, TID, Oral, 3 Months 16/02/2023 12:27 PM - 17/05/2023 12:27 PM	10 tablet	0 tablet	10 <input type="checkbox"/>	<input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	10 tab	0 tablet (60 day(s))	Remarks	<input type="checkbox"/> Detail		[REDACTED]
<input type="checkbox"/>	Amlodipine 10 mg Tablet	10 mg, OM, Oral, 3 Months 16/02/2023 12:27 PM - 17/05/2023 12:27 PM	90 tablet	0 tablet	30 <input type="checkbox"/>	<input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	30 tab	60 tablet (60 day(s))	Remarks	<input type="checkbox"/> Detail	<input checked="" type="checkbox"/> Detail	[REDACTED]

Figure 3.4.1-2 Dispensing

Note

Call patient button used if patient did not come and collect the medication. Status drug changed to uncollected. Step 4 is not required if user wants to dispensed drug to patient.

STEP 4

Click on the  button

STEP 5

Click on the  button to dispense

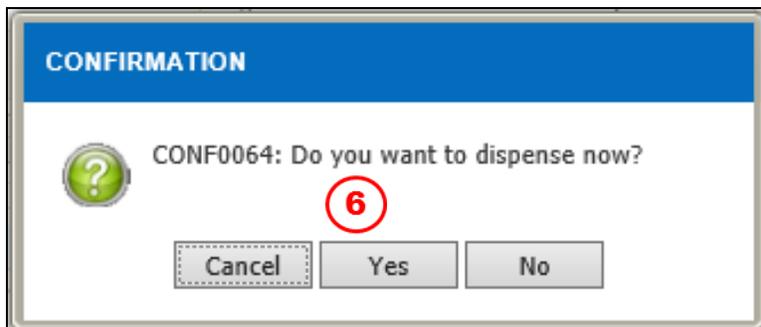
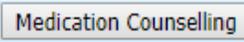
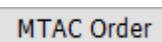
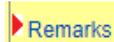


Figure 3.4.1-3 Confirmation Alert Message

STEP 6

Click on the  button to confirm

Note

- Once the  button is clicked, waiting time will automatically stop and the Patient Called checkbox is ticked.
 Patient Called
- To close/complete medication, select the checkbox  then click on the  button. The selected drug is considered as full supply.
-  button added at Dispensing screen and Single Stage screen as per Figure 3.4.1-2. Once click on the button, Medication Counselling Order screen will appear.
-  button added at Dispensing screen and Single Stage screen as per Figure 3.4.1-2. Once click on the button, MTAC Order screen will appear.
- A notification icon  in the Remarks column is display if there are past Remarks in all dispensing screens. User will be able to view past Remarks (with timestamp & name of person making remark), including the doctor's remark as per Figure 3.4.1-4

PHARMACIST REMARK

📄 ⌛ ✕

Prescriber Remark ✕

Order Stage: Doctor Remark at Order Stage

Pharmacist Remark * Drug authorisation is required. Please enter remarks to proceed with verification

Verification Stage:

DRUG REMARKS HISTORY (ACETYLSALICYLIC ACID 100 MG, GLYCINE 45 MG TABLET)

Prescriber Remark	Prescriber Name	Start Date	End Date	Pharmacist Remark	Stage	Rx
Doctor Remark at Order Stage	██████████	26/07/2017	28/07/2017	Pharmacist Remark at Screening Stage	Verification	100000876420
				Pharmacist Remark at Preparation Stage	Preparation	100000876420
				Pharmacist Remark at Dispensing Stage	Dispensing	100000876420

Figure 3.4.1-4 Pharmacist Remark Screen



3.4.2 Next Collection Record for Partial Supply

This function will allow user to set the next collection record before dispensing.

Demographic | Medication Profile | Pharmacist Notes | MTAC History | Monitoring Parameter | Counselling History | Other Appointment | Outbreak Patient | VAS History |

Encounter No: 0003 Actual Visit Date: 16/02/2023 Attending Practitioner: Visit Location: MOPD Rx No: MED000112282 Ordered By: Original Prescription Serial No: 1231212312

PHARMACY ORDER

Patient Arrived Queue Series: Normal Queue No: 1154 Arrival Time: 16/02/2023 12:28 PM Waiting Time: 0:29:14 Collector Name: 580705086590 Relationship: Patient

Dispense At: Pharmacy Counter (3) Patient Called: Queue No. Called Time: Adherence Score: MPR: History

Current Collection Mode: Normal Collection Remarks: SPUB Out: SPUB SPUB R1 Form: Drug Counselling Required?:

Planned Collection Mode: Normal Collection Witness By: MPR: History

Clinic TCA (1) No. of Days: 0 Next Collection Mode: Normal Collection (4) VAS No. (5)

Next Collection Date: 18/03/2023 (2) Patient: 2 Next Collection Location: Outpatient Pharmacy (5)

Next Dispense At: Pharmacy Counter

PRESCRIPTION ENGLISH Invoice Release/Discard Worksheet Worksheet Balance Medication Sheet Balance Medication Sheet Label Label Dispense

	Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneo	Prescrib Name
<input type="checkbox"/>	Paracetamol 500 mg Tablet	1000 mg, TID, Oral, 3 Months 16/02/2023 12:27 PM - 17/05/2023 12:27 PM	10 tablet	0 tablet	10 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	10 tab	0 tablet (60 day(s))	Remarks <input type="checkbox"/> Detail			
<input type="checkbox"/>	Amlodipine 10 mg Tablet	10 mg, OM, Oral, 3 Months 16/02/2023 12:27 PM - 17/05/2023 12:27 PM	90 tablet	0 tablet	30 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	30 tab	60 tablet (60 day(s))	Remarks <input type="checkbox"/> Detail	<input checked="" type="checkbox"/> Detail		

Figure 3.4.2-1 Dispensing

Note

Repeat step 1 and 3 as [Section 3.4.1 Patient Called](#) before performs dispense and next collection record steps.

STEP 1

Select date from the **Clinic TCA** calendar

STEP 2

Select date from the **Next Collection Date** calendar

Note

- This date will be retrieved from the third party appointment to visit clinic. However, user is allowed to select other date.
- This date will be reflected into 'Next Collection Date'. No. of Days will be automatically display.

STEP 3

Select the **Dispense At** from the drop down:

- Pharmacy Counter
- Drive Through Counter
- Bedside
- PPUSS

Note

- If user select **Dispense At** as "PPUSS", "PPUSS Name" field will be display for user to select as shown in figure 3.4.2-2

Dispense At	PPUSS	PPUSS Name		<input type="checkbox"/> Patient Called	Call Patient	Queue No. Called Time	
Current Collection Mode	Appointment Card	Remarks		SPUB Out	<input type="checkbox"/> SPUB	SPUB R1 Form	Adherence Score
Planned Collection Mode	Normal Collection	Witness By		<input type="checkbox"/> Drug Counselling Required?		MPR	0 History

Figure 3.4.2-2 PPUSS

- The **Next Collection Date** will be retrieved from balance medication record for patient to collect medication at dispensing counter. However, user is allowed to select other dates by selecting it manually.
- Changes on the **Next Collection Date** will not affect the **Clinic TCA** date.
- **Total patient** is the number of patients scheduled to come on the selected date.

STEP 4

Select the **Next Collection Mode (Value Added Services)** from the drop down

STEP 5

Select the **Next Collection Location** from the drop down

Note

- **SPUB** check box is for user to refer the prescription to other facility. If **SPUB** is checked, next collection mode is not required to be filled in.
- **Balance Days** is shown at the **Balance** column. Eg. 83 tablets (9 days)



3.4.3 Hold and Resume

This function allows user to record any error during counter check at dispensing stage.

Demographic | Medication Profile | Pharmacist Notes | MTAC History | Monitoring Parameter | Counselling History | Other Appointment | Outbreak Patient | VAS History |

Encounter No: 0003 Actual Visit Date: 16/02/2023 Attending Practitioner: Visit Location: MOPD Rx No: MED000112282 Ordered By:

Original Prescription Serial No: 1231212312

PHARMACY ORDER

Patient Arrived Queue Series: Normal Queue No: 1154 Arrival Time: 16/02/2023 12:28 PM Waiting Time: 0:29:14 Collector Name: 580705086590 Relationship: Patient

Dispense At: Pharmacy Counter

Current Collection Mode: Normal Collection

Planned Collection Mode: Normal Collection

Clinic TCA: No. of Days: 0 Next Collection Mode: Normal Collection VAS Series No.

Next Collection Date: 18/03/2023 Total Patient: 2 Next Collection Location: Outpatient Pharmacy

Next Dispense At: Pharmacy Counter

PRESCRIPTION

	Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneo	Prescrib Name
<input type="checkbox"/>	Paracetamol 500 mg Tablet	1000 mg, TID, Oral, 3 Months 16/02/2023 12:27 PM - 17/05/2023 12:27 PM	10 tablet	0 tablet	10	0 tablet	10 tab	0 tablet (60 day(s))	Remarks	<input type="checkbox"/> Detail		
<input type="checkbox"/>	Amlodipine 10 mg Tablet	10 mg, OM, Oral, 3 Months 16/02/2023 12:27 PM - 17/05/2023 12:27 PM	90 tablet	0 tablet	30	0 tablet	30 tab	60 tablet (60 day(s))	Remarks	<input type="checkbox"/> Detail		

Figure 3.4.3-1 Dispensing screen

Note
Repeat step 1 and 3 as in [Section 3.4.1 Patient Called as per Figure 3.4.1-1](#) before performs Hold / Resume steps.

Hold

STEP 1

Select the drug and click on the  button as per Figure 3.4.3-1

COUNTERCHECK

Error Factor Hold

Drug Name	Reason	Correction Required
Paracetamol 500 mg Tablet	<input type="text" value=""/>	<input type="checkbox"/>

3

1 / 1

Reason

- Intervention
- Not Filled
- Wrong Drug Filled
- Wrong Label Information
- Wrong Patient Label
- Wrong Quantity Filled
- Wrong Strength Filled

2

Figure 3.4.3-2 Hold Order – Countercheck

STEP 2

Select from the **Hold Reason** drop down:

- Intervention
- Not Filled
- Wrong Drug Filled
- Wrong Label Information
- Wrong Patient Label
- Wrong Quantity Filled
- Wrong Strength Filled

STEP 3

Click on the  button to add the information as per figure 3.4.3-3

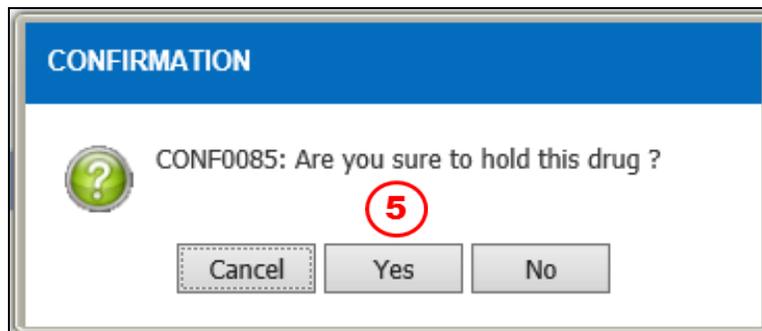


COUNTERCHECK			
Drug Name	Reason	Correction Required	
Paracetamol 500 mg Tablet		<input type="checkbox"/>	
<div style="text-align: right;"> Error Factor   </div>			
<div style="text-align: center;"> 1 / 1 </div>			
Drug Name	Reason	Selection	
Paracetamol 500 mg Tablet	Wrong Quantity Filled	<input type="checkbox"/>	
<div style="text-align: left;"> Delete </div>			

Figure 3.4.3-3 Hold Order - Countercheck

STEP 4

Click on the  button to proceed Hold



CONFIRMATION


CONF0085: Are you sure to hold this drug ?

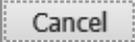
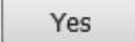
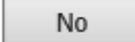




Figure 3.4.3-4 Confirmation Alert Message

STEP 5

Click on the  button to Hold the drug and confirmation pop up message will close automatically.

Note

Drug status will change to Prepared/Hold (Dispensing screen).

Resume

Patient Arrived Queue Series: **Normal** Queue No: **1154** Arrival Time: **16/02/2023 12:28 PM** Waiting Time: **0:45:59** Collector Name: **580705086590** Relationship: **Patient**

Dispense At: **Pharmacy Counter** Patient Called Queue No. Called Time:
 Current Collection Mode: **Normal Collection** Remarks: SPUB Out SPUB **SPUB R1 Form** Adherence Score:
 Planned Collection Mode: **Normal Collection** Witness By: Drug Counselling Required? MPR: [History](#)

Clinic TCA: No. of Days: **0** Next Collection Mode: **Normal Collection** VAS Series No.:
 Next Collection Date: **18/03/2023** Total Patient: **2** Next Collection Location: **Outpatient Pharmacy**
 Next Dispense At: **Pharmacy Counter**

PRESCRIPTION [Pause] [Print] [English] Invoice [Release/Discard] Worksheet [Worksheet] Balance Medication Sheet [Balance Medication Sheet] Label [Label] [Dispense]

	Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneo	Prescrib Name
<input type="checkbox"/>	Amlodipine 10 mg Tablet	10 mg, OM, Oral, 3 Months 16/02/2023 12:27 PM - 17/05/2023 12:27 PM	90 tablet	0 tablet	30 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	30 tab	60 tablet (60 day(s))	Remarks	<input type="checkbox"/> Detail	<input checked="" type="checkbox"/> Detail	DR. KAL CHANHINI GANDIM#
<input type="checkbox"/>	Prednisolone 5 mg Tablet	5 mg, OD, Oral, 3 Months 16/02/2023 12:28 PM - 17/05/2023 12:27 PM	90 tablet	0 tablet	30 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	30 tab	60 tablet (60 day(s))	Remarks	<input type="checkbox"/> Detail	<input type="checkbox"/> Detail	DR. KAL CHANHINI GANDIM#
<input type="checkbox"/>	Paracetamol 500 mg Tablet	1000 mg, TID, Oral, 3 Months 16/02/2023 12:27 PM - 17/05/2023 12:27 PM	10 tablet	0 tablet	10 <input type="checkbox"/>	0 tablet <input type="checkbox"/> POMs	10 tab	0 tablet (60 day(s))	Remarks	<input type="checkbox"/> Detail	<input type="checkbox"/> Detail	DR. KAL CHANHINI GANDIM#

Figure 3.4.3-5 Dispensing screen

STEP 6

Select the drug and click on the button to Resume as per Figure 3.4.3-5

COUNTERCHECK Error Factor

/ 1 **7** [1 - 1 / 1]

Drug Name	Reason	Selection
Paracetamol 500 mg Tablet	Wrong Quantity Filled	<input type="checkbox"/>

Figure 3.4.3-6 Resume Order Screen

STEP 7

Click on the button

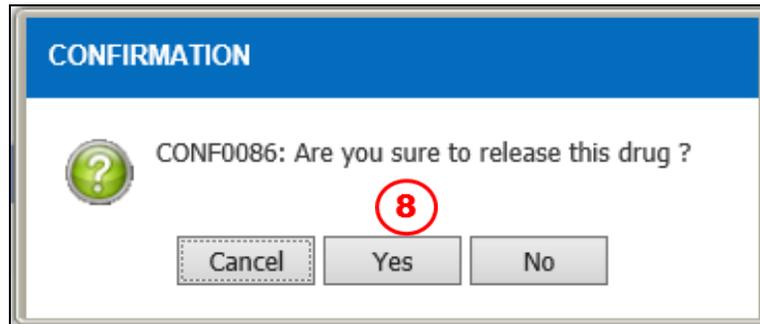


Figure 3.4.3-7 Confirmation Alert Message

STEP 8

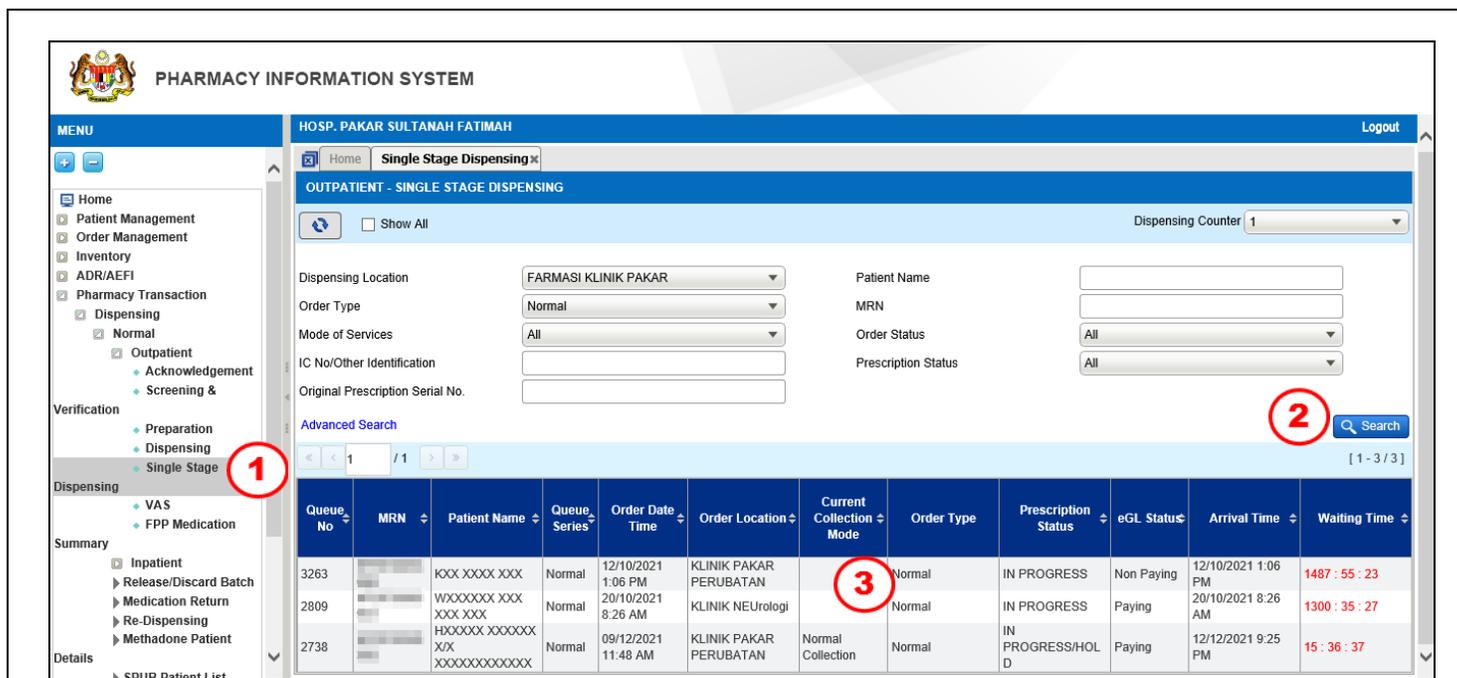
Click on the  button to release drug from hold state

Note

- Click on the  button as in **Figure 3.4.3-7** to resume.
- User can delete the Hold record by check on the selection checkbox  and click the  button.

3.5 Single Stage Dispensing

This function allow user to record and dispense medication in faster way. Normally it will be use if all the process was handled by one user. User able to allocate quantity of drug by batch, generate and print drug label, extemporaneous worksheet, ingredient label and record next medication collection detail.



PHARMACY INFORMATION SYSTEM

HOSP. PAKAR SULTANAH FATIMAH

Logout

Home Single Stage Dispensing

OUTPATIENT - SINGLE STAGE DISPENSING

Show All Dispensing Counter 1

Dispensing Location: FARMASI KLINIK PAKAR Patient Name:

Order Type: Normal MRN:

Mode of Services: All Order Status: All

IC No/Other Identification: Prescription Status: All

Original Prescription Serial No:

Advanced Search [1 - 3 / 3]

Queue No	MRN	Patient Name	Queue Series	Order Date Time	Order Location	Current Collection Mode	Order Type	Prescription Status	eGL Status	Arrival Time	Waiting Time
3263		KXXX XXXX XXX	Normal	12/10/2021 1:06 PM	KLINIK PAKAR PERUBATAN	Normal	Normal	IN PROGRESS	Non Paying	12/10/2021 1:06 PM	1487 : 55 : 23
2809		WXXXXXXXX XXX XXX XXX HXXXXXXXX XXXXXX XX	Normal	20/10/2021 8:26 AM	KLINIK NEUROLOGI	Normal	Normal	IN PROGRESS	Paying	20/10/2021 8:26 AM	1300 : 35 : 27
2738		HXXXXXXXX XXXXXX XX XXXXXXXXXXXXXXXX	Normal	09/12/2021 11:48 AM	KLINIK PAKAR PERUBATAN	Normal Collection	Normal	IN PROGRESS/HOLD	Paying	12/12/2021 9:25 PM	15 : 36 : 37

Figure 3.5-1 Single Stage Dispensing Landing Screen

STEP 1

Click on 'Single Stage Dispensing' sub menu

Note

- To perform Single Stage Dispensing, patient prescription must go through Acknowledgement process. Refer [Section 3.0 Acknowledgement](#) for acknowledgement steps
- Various search criteria are provided as below:

Basic Search			
No	Field	Description	Remark
a	Show All		Able to view all patient record
b	Dispensing Location	Dispensing location. (It will list down all active location)	Able to filter and search patient's record by dispensing location
c	Patient Name	Name of patient	Able to filter and search by patient's name
d	Order Type	- All - Normal - SPUB - Discharge	Able to filter and search patient's record by order type
e	MRN	Patient Medical Record Number	Search option: <ul style="list-style-type: none"> Type the MRN either full or partial: Example: HPSF00001234 or "1234"
f	Mode of Services	- All	Able to filter and search patient's record by

		<ul style="list-style-type: none"> - Appointment Card - Comm. Apps in Smart Phone - Email and Take - Fax and Take - Leave and Collect - Locker4U - Normal Collection - Others - Telephone And Take - UMP - Walk-in/Without Appointment 	mode of services
g	Order Status	<ul style="list-style-type: none"> - All - Normal - SPUB - Discharge - Referred Patient 	All -Type of search from range Normal, SPUB,Discharge and Referred Patient Normal – Prescription from normal order SPUB - Prescription from SPUB order Discharge - Prescription from Discharge order Referred Patient – Prescription from referred patient
h	IC No/Other Identification	Identification Number	Allow to search by full or partial ID Number
i	Prescription Status	<ul style="list-style-type: none"> - All - Hold - Expired 	Able to filter by prescription status
j	Original Prescription Serial No	Original Prescription Serial Number	Able to search by Original Prescription Serial Number
Advanced Search			
a	Order Location	Order location. (It will list down all active location)	Able to filter and search patient's record by order location
b	Order Location Type	<ul style="list-style-type: none"> - All - Clinic - Day Care - ER - Nursing Unit - Pharmacy 	Able to filter and search patient's record by order location type
c	Order Date from	Order Date from	Able to filter and search patient's record by order date from
d	Order Date To	Order Date To	Able to filter and search patient's record by order date to
e	Queue Date	Queue Date	Able to filter and search patient's record by queue date
f	Queue Series	<ul style="list-style-type: none"> - All - Normal - Express - Special - Others 	Able to filter and search p patient's record by queue series
g	Queue No	Queue No	Able to filter and search patient's record by queue no
h	Next Dispense At	<ul style="list-style-type: none"> - All - Drive Through Counter 	Able to filter and search patient's record by Next Dispense At

		- Pharmacy Counter - Bedside - PPUSS	
i	Next Collection Date From	Next Collection Date From	Able to filter and search patient's record by next collection date from
j	Next Collection Date To	Next Collection Date To	Able to filter and search patient's record by next collection date to

Table 3.5-1

STEP 2

Click on the  button to search the patient

Note

Search result of current order patient list will be displayed:

- Queue No
- MRN
- Patient Name
- Queue Series
- Order Date Time
- Order Location
- Current Collection Mode
- Order Type
- Prescription Status
- eGL Status
- Arrival Time
- Waiting Time

STEP 3

Double click on the selected patient and patient information will be shown as per Figure 3.5-2

SINGLE STAGE DISPENSING

MXXXXXXXX XXXXX XXXXX Mykad 411224015508 Age 79 Years 11 Months 20 Days Gender Female M/RN HPSF00328358
 Address Phone And Email Diagnosis No known Allergies
 Height cm Weight kg BMI/BSA 0/0 m² Update (Last Updated :) Nationality : Warganegara

Demographic | Medication Profile | Pharmacist Notes | MTAC History | Monitoring Parameter | Counselling History | Other Appointment | VAS History |

Encounter No: 0001 Actual Visit Date: 13/12/2021 Attending Practitioner: Visit Location: KLINIK PAKAR PERUBATAN Rx No: MOPC0002731070 Order By: Prescriber Dept.: General Medicine

PHARMACY ORDER

Patient Arrived Queue Series: Normal Queue No: 2738 Arrival Time: 13/12/2021 01:14 PM Waiting Time: 0 : 11 : 14 Collector Name: MXXXXXXXX XXXXX XX Relationship: Patient

Queue No. Called Time: Clinic TCA: **4** No. of Days: 0 SPUB Out: SPUB SPUB R1 Form:
 Dispense At: Pharmacy Counter VAS Series No.: Patient Called:
 Current Collection Mode: Normal Collection Drug Counselling Required?: Adherence Score: MPR: History:
 Planned Collection Mode: Normal Collection Witness By: Remarks: Supply Duration: 30 Days

Next Collection Date: 12/01/2022 Total Patient: 2 Next Collection Mode: Normal Collection
 Next Dispense At: Pharmacy Counter Next Collection Location: FARMASI KLINIK PAKAR

Drug Name	Order Detail	Order Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Prev Disp Qty	Extemporaneous	Prescriber Name	Dispense
Paracetamol 500 mg Tablet	500 mg, TID, Oral, 3 Days 13/12/2021 01:08 PM - 16/12/2021 01:08 PM	9 tablet	0 <input type="checkbox"/> <input type="checkbox"/> POMs Alternate	0 tablet	0 tablet	9 tablet (3 day(s))	Remarks	<input type="checkbox"/> Detail	0 tablet	<input type="checkbox"/> Detail		Ackno
Tramadol HCl 50 mg Capsule/ Tablet	50 mg, ON, Oral, 3 Months 13/12/2021 01:08 PM - 13/03/2022 01:08 PM	90 capsule	0 <input type="checkbox"/> <input type="checkbox"/> POMs	0 capsule	0 capsule	90 capsule (90 day(s))	Remarks	<input type="checkbox"/> Detail	0 capsule	<input type="checkbox"/> Detail		Ackno

Figure 3.5-2 Single Stage Dispensing

STEP 4

Enter the clinic TCA and next collection date if applicable

Note

- **Alternate Drug**
User to select different drug with the same active ingredient and same administration route.
- **Hold and Resume**
Hold' function in dispensing is different from hold function in screening and preparation. This hold function is to record error before dispensing.
- **Intervention**
This function allows user to modify drugs details frequency, duration and dose only.
- **Edit Label**
User able to edit and print drug label.
- **Next Medication Collection record**
User able to record Date and Collection Location for partial medication.
- **TCA**
User able to record Date of next appointment to visit doctor / prescriber.

• **SPUB R1 Form**

SPUB R1 Form button will allow pharmacist to send SPUB request to referred facility. (Only for partial supply drug). Pharmacist will fill in SPUB information in SPUB R1 Form and has option to print SPUB R1 form.

SINGLE STAGE DISPENSING

Buttons: Patient Label, Medication Counselling, MTAC Order, Intervened Prescription, Original Prescription, CP4, Print, Refresh, Close

Patient Information:
 Mykad: 411224015508 | Age: 79 Years 11 Months 20 Days | Gender: Female | MRN: HPSF00328358
 Address: MXXXXXXXX XXXXX XXXXX | Phone And Email: | Diagnosis: | No known Allergies
 Height: cm | Weight: kg | BMI/BSA: 0/0 m² | Update (Last Updated:) | Nationality: Warganegara

PHARMACY ORDER

Encounter No: 0001 | Actual Visit Date: 13/12/2021 | Attending Practitioner: | Visit Location: KLINIK PAKAR PERUBATAN | Rx No: MOPC0002731070 | Order By: | Prescriber Dept: General Medicine

PHARMACY ORDER Details:
 Patient Arrived | Queue Series: Normal | Queue No: 2738 | Arrival Time: 13/12/2021 01:14 PM | Waiting Time: 0:11:14 | Collector Name: MXXXXXXXX XXXXX XX | Relationship: Patient
 Queue No. Called Time: | Clinic TCA: | No. of Days: 0 | SPUB Out: SPUB R1 Form
 Dispense At: Pharmacy Counter | VAS Series No.: | Patient Called | Call Patient
 Current Collection Mode: Normal Collection | Drug Counselling Required? | Adherence Score: | MPR: | History
 Planned Collection Mode: Normal Collection | Witness By: | Remarks: | Supply Duration: 30 Days
 Next Collection Date: 12/01/2022 | Total Patient: 2 | Next Collection Mode: Normal Collection
 Next Dispense At: Pharmacy Counter | Next Collection Location: FARMASI KLINIK PAKAR

PRESCRIPTION | **5** | Release/Discard | Invoice | Worksheet | Balance Medication Sheet | Label | Full Supply | Allocate | Dispense

Drug Name	Order Detail	Order Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Prev Disp Qty	Extemporaneous	Prescriber Name	Dr
Paracetamol 500 mg Tablet	500 mg, TID, Oral, 3 Days 13/12/2021 01:08 PM - 16/12/2021 01:08 PM	9 tablet	0 <input type="checkbox"/> POMs Alternate	0 tablet	0 tablet	9 tablet (3 day(s))	Remarks	<input type="checkbox"/> Detail	0 tablet			Ackno
Tramadol HCl 50 mg Capsule/ Tablet	50 mg, ON, Oral, 3 Months 13/12/2021 01:08 PM - 13/03/2022 01:08 PM	90 capsule	0 <input type="checkbox"/> POMs	0 capsule	0 capsule	90 capsule (90 day(s))	Remarks	<input type="checkbox"/> Detail	0 capsule	<input type="checkbox"/> Detail		Ackno

Figure 3.5-3 Single Stage Dispensing

Note

Details process for each process of **Intervention**, **Alternate Drug** and **Hold** are as followed:

- **Intervention:** Refer to [Section 3.2.2 Intervention](#).
- **Alternate Drug:** Refer to [Section 3.2.3 Alternate](#).
- **Hold:** Refer to [Section 3.2.6 Hold](#).

STEP 5

Click on the icon to do any of these functions such as Intervention, Alternate/Combination Drug and Hold.

Note

Reserve Quantity will calculate automatically once button is click. However, user can manually change the quantity by clicking on the hyperlink number in **Reserve Qty** column.

PHARMACY ORDER

Patient Arrived Queue Series **Normal** Queue No **2738** Arrival Time **13/12/2021 01:14 PM** Waiting Time **0 : 14 : 19** Collector Name **MXXXXXXXX XXXXX XXX** Relationship **Patient**

Queue No. Called Time Clinic TCA No. of Days: 0 SPUB Out SPUB **SPUB R1 Form**

Dispense At **Pharmacy Counter** Patient Called **Call Patient** 7

Current Collection Mode **Normal Collection** VAS Series No. Drug Counselling Required? Adherence Score MPR [History](#)

Planned Collection Mode **Normal Collection** Witness By Remarks Supply Duration **30 Days**

Next Collection Date **12/01/2022** Total Patient: 2 Next Collection Mode **Normal Collection** 6

Next Dispense At **Pharmacy Counter** Next Collection Location **FARMASI KLINIK PAKAR** 8

PRESCRIPTION

Drug Name	Order Detail	Order Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Prev Disp Qty	Extemporaneous	Prescriber Name	Dr
Paracetamol 500 mg Tablet	500 mg, TID, Oral, 3 Days 13/12/2021 01:08 PM - 16/12/2021 01:08 PM	9 tablet	9 <input type="checkbox"/> POMs Alternate	0 tablet	9 tablet	0 tablet (0 day(s))	Remarks	<input type="checkbox"/> Detail	0 tablet			Ackno
Tramadol HCl 50 mg Capsule/ Tablet	50 mg, ON, Oral, 3 Months 13/12/2021 01:08 PM - 13/03/2022 01:08 PM	90 capsule	30 <input type="checkbox"/> POMs	0 capsule	30 capsule	60 capsule (60 day(s))	Remarks	<input type="checkbox"/> Detail	0 capsule	<input type="checkbox"/> Detail		Ackno

Figure 3.5-4 Single Stage Dispensing

STEP 6

Click on the or button to print

Note

Refer to [Section 3.3.3 for Drug Label](#) printing detail process.

STEP 7

Click at the button to stop the waiting time

STEP 8

Click on the button to dispense the drug

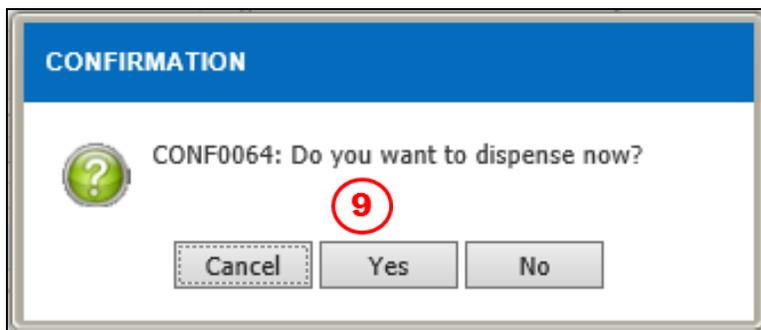


Figure 3.5-5 Confirmation Alert Message

STEP 9

Click on the button to confirm

3.6 SPUB

3.6.1 SPUB Out

3.6.1.1 Before Dispensing

SPUB Out Online (referring facility) enable user to send SPUB information to referred facility that is using PhIS during dispensing process

PHARMACY ORDER

Patient Arrived Queue Series **Normal** Queue No **2738** Arrival Time **14/12/2021 10:26 AM** Waiting Time **0 : 27 : 10** Collector Name **NXXX XXXXXX XXXXX** Relationship **Patient**

Dispense At **Pharmacy Counter** Patient Called **Call Patient** Queue No. Called Time

Current Collection Mode **Normal Collection** Remarks **1** SPUB **SPUB R1 Form** **2** Adherence Score

Planned Collection Mode **Normal Collection** Witness By MPR **History**

Drug Counselling Required?

Clinic TCA No. of Days: **0** Next Collection Mode **Normal Collection** VAS Series No.

Next Collection Date **13/01/2022** Total Patient: **4** Next Collection Location **FARMASI KLINIK PAKAR**

Next Dispense At **Pharmacy Counter**

PRESCRIPTION

	Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneo	Prescriber Name	Drug St
<input type="checkbox"/>	Frusamide 40 mg Tablet	40 mg, OM, Oral, 3 Months 14/12/2021 10:21 AM - 14/03/2022 10:21 AM	90 tablet	0 tablet	30 <input type="checkbox"/> POMs	0 tablet	30 tablet	60 tablet (60 day(s))	Remarks	<input type="checkbox"/> Detail	<input type="checkbox"/> Detail	[Redacted]	Prepared
<input type="checkbox"/>	Paracetamol 500 mg Tablet	2 tablet, TID, Oral, 3 Days 14/12/2021 10:22 AM - 17/12/2021 10:22 AM	18 tablet	0 tablet	18 <input type="checkbox"/> POMs	0 tablet	18 tablet	0 tablet (0 day(s))	Remarks	<input type="checkbox"/> Detail		[Redacted]	Prepared
<input type="checkbox"/>	Amoxicillin + Clavulanate 228 mg/ 5 ml Syrup (dose in Amoxicillin only)	200 mg, TID, Oral, 3 Months 14/12/2021 10:22 AM - 14/03/2022 10:22 AM	1350 ml	0 ml	0 <input type="checkbox"/> POMs	0 ml	0 tablet	1210 ml (60 day(s))	Remarks	<input type="checkbox"/> Detail		[Redacted]	Prepared
	Amoxicillin 500 mg Clavulanate 125 mg Tablet				45 tablet								
<input type="checkbox"/>	Losartan 100 mg Tablet	100 mg, OD, Oral, 3 Months 14/12/2021 10:23 AM - 14/03/2022 10:23 AM	90 tablet	0 tablet	30 <input type="checkbox"/> POMs	0 tablet	30 tablet	60 tablet (60 day(s))	Remarks	<input type="checkbox"/> Detail	<input type="checkbox"/> Detail	[Redacted]	Prepared

Figure 3.6.1.1-1 Dispensing

Note

User can send SPUB at any of dispensing stage (Verification, Preparation and Dispensing)

STEP 1

Click on check box at SPUB

STEP 2

Click on the button and Figure 3.6.1.1-2 will display

Note

- If in the dispensing got alternate drug, this alternate drug will be shown in SPUB R1 form as shown in Figure 3.6.1.1-2
- As per example in Figure 3.6.1.1-1 (Dispensing), drug Amoxicillin + Clavulanate 228mg/5ml Syrup is alternated to Amoxicillin 500mg Clavulanate 125mg Tablet which will display in the SUPB R1 form

SPUB FORM

Patient Demographic
Draft
X

	NXXX XXXXXX XXXXX XXXXX	Mykad 801220015766	Age 40 Years 11 Months 25 Days	Gender Female	MRN HPSF00328356
	Address	Phone And Email	Diagnosis	No known Allergies	
Upload Photo	Height <input type="text"/> cm	Weight <input type="text"/> kg	BMI/BSA 0/0 m ²	Update (Last Updated :) Nationality : Warganegara	

PHARMACY ORDER

SPUB No <input style="background-color: #f8d7da;" type="text"/>	
Referred From <input style="background-color: #fff3cd;" type="text" value="Hosp. Pakar Sultanah Fatimah"/>	Referred To <input style="background-color: #fff3cd;" type="text" value="Hospital Kuala Lumpur"/>
Contact Person / Office <input type="text"/>	Contact Person / Office <input type="text"/>
Contact no / Ext No <input type="text" value="069521901"/>	Contact no / Ext No <input type="text"/>
Fax No <input type="text"/>	Fax No <input type="text"/>
Next Collection Date <input type="text" value="13/01/2022"/>	<input type="checkbox"/> Counselling Provided
Remarks <input type="text"/>	Previous SPUB Referred To <input style="background-color: #fff3cd;" type="text"/>

< 1 / 1 >
[1 - 4 / 4]

<input checked="" type="checkbox"/>	Rx No	Rx Date	Drug Name	Order Detail	Order Qty	Diap Qty	Prev Diap Qty	Bal Qty	Remarks
<input checked="" type="checkbox"/>	MOPC0002731074	14/12/2021	Losartan 100 mg Tablet	100 mg, OD, 3 Months	90 tablet	30 tablet	0 tablet	<input type="text" value="60"/> tablet	Remark
<input checked="" type="checkbox"/>	MOPC0002731074	14/12/2021	Amoxicillin + Clavulanate 228 mg/5 ml Syrup (dose in Amoxicillin only)	200 mg, TID, 3 Months	1350 ml	140 ml	0 ml	<input type="text" value="1210"/> tablet	Remark
<input checked="" type="checkbox"/>			Amoxicillin 500 mg						
<input checked="" type="checkbox"/>	MOPC0002731074	14/12/2021	Frusemide 40 mg Tablet	40 mg, OM, 3 Months	90 tablet	30 tablet	0 tablet	<input type="text" value="60"/> tablet	Remark

Figure 3.6.1.1-2 SPUB Form

STEP 3

Select **Next Collection Date**

STEP 4

Select **Referred To** from button

Note

- enter **Contact Person/Office** , **Contact no / Ext No**, **Fax No** and **Remarks** if applicable (optional)
- User is allowed to check on the **Counselling Provided** checkbox
- by default, system will automatically check all the Drug but user is allowed to select which drug need to send to SPUB
- User is allowed to modify **Balance Quantity**

STEP 5

Click on the button to save the record and Confirmation Message will display as Figure 3.6.1.1-3

CONFIRMATION

CONF0002: Are you sure you want to save?

Cancel
Yes
No

Figure 3.6.1.1-3 Confirmation Message

Note

- Click on the  button to proceed the SPUB Order
- if there is drug with 0 dispense quantity, system will show confirmation message as shown in figure 3.6.1.1-4

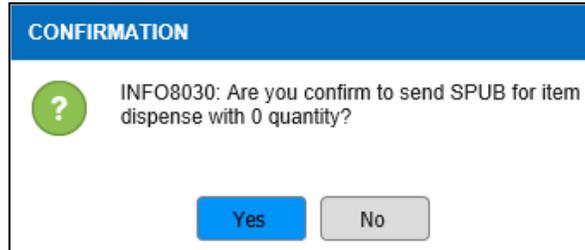
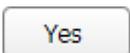
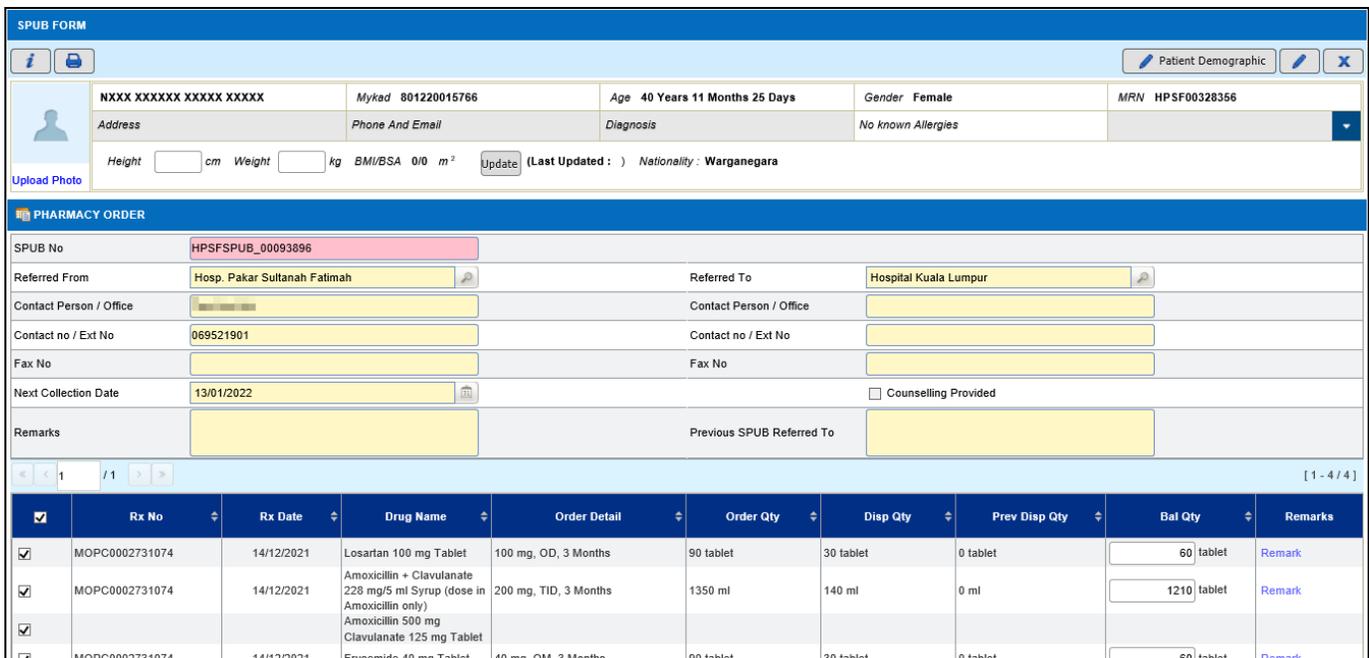


Figure 3.6.1.1-4 Confirmation Message

- Click on the  button to proceed the SPUB Order



SPUB FORM

	NXXX XXXXXX XXXXX XXXXX	Mykad 801220015766	Age 40 Years 11 Months 25 Days	Gender Female	MRN HPSF00328356
Address	Phone And Email		Diagnosis	No known Allergies	
Height <input type="text"/> cm	Weight <input type="text"/> kg	BMI/BSA 0/0 m ²	<input type="button" value="Update"/> (Last Updated :)	Nationality : Warganegara	

PHARMACY ORDER

SPUB No	HPSFSPUB_00093896				
Referred From	Hosp. Pakar Sultanah Fatimah	Referred To	Hospital Kuala Lumpur		
Contact Person / Office			Contact Person / Office		
Contact no / Ext No	069521901	Contact no / Ext No			
Fax No			Fax No		
Next Collection Date	13/01/2022	<input type="checkbox"/> Counselling Provided			
Remarks			Previous SPUB Referred To		

[1 - 4 / 4]

<input checked="" type="checkbox"/>	Rx No	Rx Date	Drug Name	Order Detail	Order Qty	Disp Qty	Prev Disp Qty	Bal Qty	Remarks
<input checked="" type="checkbox"/>	MOPC0002731074	14/12/2021	Losartan 100 mg Tablet	100 mg, OD, 3 Months	90 tablet	30 tablet	0 tablet	<input type="text" value="60"/> tablet	Remark
<input checked="" type="checkbox"/>	MOPC0002731074	14/12/2021	Amoxicillin + Clavulanate 228 mg/5 ml Syrup (dose in Amoxicillin only)	200 mg, TID, 3 Months	1350 ml	140 ml	0 ml	<input type="text" value="1210"/> tablet	Remark
<input checked="" type="checkbox"/>			Amoxicillin 500 mg Clavulanate 125 mg Tablet						
<input checked="" type="checkbox"/>	MOPC0002731074	14/12/2021	Fousemirle 40 mg Tablet	40 mg, OM, 3 Months	90 tablet	30 tablet	0 tablet	<input type="text" value="60"/> tablet	Remark

Figure 3.6.1.1-5 SPUB Form

Note

- User is allowed to modify the record by click on the  button
- Click on the  button to view SPUB R1 form as Figure 3.6.1.1-6
- Click on the  button to close SPUB Form

SPUB-R1 (Pindaan 3/2009)

RUJUKAN PRESKRIPSI SPUB | KEMENTERIAN KESIHATAN MALAYSIA

(Borang ini hendaklah dikemukakan kepada fasiliti yang dirujuk melalui faks/ e-mail/ pos dalam masa 7 hari bekerja dari tarikh pesakit diberi bekalan pertama)

Fasiliti Yang Merujuk		Fasiliti dirujuk		No. Rujukan (03510/12/2021)
Negeri	: Johor	Negeri	: WP Kuala Lumpur	
Hospital	: Hospital Pakar Sultanah Fatimah, Muar	Hospital	: Hospital Kuala Lumpur	
Nombor SPUB	: HPSFSPUB_00093896			
Daerah/Bandar	:	Daerah/Bandar	:	
No. Tel	: 069521901	No. Tel	:	
No. Faks	:	No. Faks	:	

A. Maklumat Pesakit :

Nama : NXXX XXXXXX XXXXX XXXXX _____

Umur : 40 Years 11 Months 24 Days _____ Jantina : Perempuan _____

No. Kad Pengenalan : 801220015766 _____ No. Telefon : 123456789 _____

B. Maklumat Preskripsi :

No. Preskripsi : MOPC0002731074 _____ Tarikh Preskripsi : 14/12/2021 _____

No. Siri Preskripsi : _____ Tarikh Akan Datang : 13/01/2022 _____

Tarikh Temujanji Doktor : _____

Catatan: _____

C. Maklumat Bekalan :

Tarikh Bekalan Susulan	Nama Ubat	Maklumat Ubat	Baki Kuantiti	Baki Tempoh Bekalan	Jumlah Penuh Kuantiti	Catatan Preskripsi
14/12/2021	Losartan 100 mg Tablet	100 mg, OD, Oral, 3 Months	80 tablet	60 Days	90 tablet	
14/12/2021	Amoxicillin + Clavulanate 228 mg/5 ml Syrup (dose in Amoxicillin only)	200 mg, TID, Oral, 3 Months	1210 tablet	60 Days	1350 ml	
	Amoxicillin 500 mg Clavulanate 125 mg Tablet	0.5 tablet				Alternate Drug
14/12/2021	Fruzemide 40 mg Tablet	40 mg, OM, Oral, 3 Months	60 tablet	60 Days	90 tablet	

D. Kaunseling telah diberikan Ya Tidak

(Jika Ya, sila lampirkan rekod kaunseling)

Tandatangan :
Nama : Tan Lim Hui
Jawatan : Pegawai Farmasi UF52

Untuk diisi oleh Fasiliti yang menerima rujukan :

Tarikh preskripsi dibekal	Tempoh preskripsi dibekal	Tarikh bekalan akan datang	Bilangan Item/Kos ubat (keseluruhan)			
			Kategori A		Kategori lain	
			Item	Kos	Item	Kos
Jumlah keseluruhan						

Figure 3.6.1.1-6 SPUB R1 Form

Note

For alternate drug, drug will have a remark as “Alternate Drug” under “Catatan Preskripsi” column

PHARMACY ORDER

Patient Arrived Queue Series: Normal Queue No: 2738 Arrival Time: 14/12/2021 10:26 AM Waiting Time: 0 : 27 : 10 Collector Name: NXXX XXXXXX XXXXX Relationship: Patient

Dispense At: Pharmacy Counter Patient Called: Call Patient Queue No. Called Time:

Current Collection Mode: Normal Collection Remarks: SPUB Out: SPUB SPUB R1 Form Adherence Score:

Planned Collection Mode: Normal Collection Witness By: MPR: History

Drug Counselling Required?

Clinic TCA: No. of Days: 0 Next Collection Mode: Normal Collection VAS Series No.:

Next Collection Date: 13/01/2022 Total Patient: 4 Next Collection Location: FARMASI KLINIK PAKAR

Next Dispense At: Pharmacy Counter

PRESCRIPTION

6

Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneo	Prescriber Name	Drug St
<input type="checkbox"/> Frusemide 40 mg Tablet	40 mg, OM, Oral, 3 Months 14/12/2021 10:21 AM - 14/03/2022 10:21 AM	90 tablet	0 tablet	30 <input type="checkbox"/> POMs	0 tablet	30 tablet	60 tablet (60 day(s))	Remarks	<input type="checkbox"/> Detail	<input type="checkbox"/> Detail		Prepared
<input type="checkbox"/> Paracetamol 500 mg Tablet	2 tablet, TID, Oral, 3 Days 14/12/2021 10:22 AM - 17/12/2021 10:22 AM	18 tablet	0 tablet	18 <input type="checkbox"/> POMs	0 tablet	18 tablet	0 tablet (0 day(s))	Remarks	<input type="checkbox"/> Detail			Prepared
<input type="checkbox"/> Amoxicillin + Clavulanate 228 mg/ 5 ml Syrup (dose in Amoxicillin only)	200 mg, TID, Oral, 3 Months 14/12/2021 10:22 AM - 14/03/2022 10:22 AM	1350 ml	0 ml	0 <input type="checkbox"/> POMs	0 ml	0 tablet	1210 ml (60 day(s))	Remarks	<input type="checkbox"/> Detail			Prepared
<input type="checkbox"/> Amoxicillin 500 mg Clavulanate 125 mg Tablet				45 tablet								
<input type="checkbox"/> Losartan 100 mg Tablet	100 mg, OD, Oral, 3 Months 14/12/2021 10:23 AM - 14/03/2022 10:23 AM	90 tablet	0 tablet	30 <input type="checkbox"/> POMs	0 tablet	30 tablet	60 tablet (60 day(s))	Remarks	<input type="checkbox"/> Detail	<input type="checkbox"/> Detail		Prepared

Figure 3.6.1.1-7 Dispensing

STEP 6

Click on the button and Confirmation Message will be display as Figure 3.6.1.1-8

CONFIRMATION

CONF0064: Do you want to dispense now?

Figure 3.6.1.1-8 Confirmation Message

Note

- Click on the button to dispense the medication
- For SPUB record that successful send to referred to facility, user can view the status at SPUB Patient List module as shown in Figure 3.6.1.1-9

PHARMACY INFORMATION SYSTEM

HOSP. PAKAR SULTANAH FATIMAH Logout

Home **SPUB Patient List**

SPUB PATIENT LIST

New SPUB +

SPUB No. SPUB From Facility

Patient Name SPUB To Facility

Original MRN Send/Receive Date From

New MRN Send/Receive Date To

IC No/Other Identification SPUB Sending Status

SPUB Type

Search

[1 - 10 / 77779]

	Original MRN	New MRN	Prescription No	Patient Name	IC No/Other Identification	SPUB No	SPUB Order Date	Order by	SPUB To/From	SPUB Type	SPUB Sending Status	SPUB Register	SPUB Receiving Status
<input type="checkbox"/>	HP-XXXXXX	HP-XXXXXX	MOPC0000883794	H-XXXXXX	4-XXXXXX	11-01060015SPUB_00010994	04/04/2017 1:26 PM	C-XXXXXX	Klinik Kesihatan Yong Peng	Referred	<input checked="" type="checkbox"/>	Registered	
<input type="checkbox"/>	HP-XXXXXX	HP-XXXXXX	NEFC0000885123	A-XXXXXX	3-XXXXXX	11-01060015SPUB_00011056	05/04/2017 12:51 PM	H-XXXXXX	Klinik Kesihatan Parit Yusof	Referred	<input checked="" type="checkbox"/>	Open	
<input type="checkbox"/>	HP-XXXXXX	HP-XXXXXX	80000881021	P-XXXXXX	7-XXXXXX	HPSFSPUB_00011061	06/04/2017 8:48 AM	M-XXXXXX	Hospital Tangkak Ledang	Referred	<input checked="" type="checkbox"/>	Open	

Figure 3.6.1.1-9 SPUB Patient List

- To access SPUB Patient List module, click on **Pharmacy Dispensing > Dispensing > Normal > SPUB Patient List**
- user is allowed to cancel SPUB record by double click on the patient's name and SPUB from screen will display as Figure 3.6.1.1-10

SPUB FORM

Patient Demographic X

SXX XXX XX XXXX Mykad XXXXXXXX Age 63 Years 11 Months 18 Days Gender Male MRN XXXXXXXX

Address Phone And Email Diagnosis No known Allergies

Height cm Weight kg BMI/BSA 0/0 m² (Last Updated :) Nationality : Warganegara

PHARMACY ORDER

SPUB No

Referred From Referred To

Contact Person / Office

Contact no / Ext No Contact no / Ext No

Fax No

Next Collection Date Counselling Provided

Remarks Previous SPUB Referred To

[1 - 1 / 1]

Rx No	Rx Date	Drug Name	Order Detail	Order Qty	Disp Qty	Prev Disp Qty	Bal Qty	Remarks
PGASTRO0000117956	17/07/2017	Entecavir 0.5 mg Tablet	0.5 mg, Oral, OD, 60 Days	120 tablet	0 tablet	60 tablet	60 tablet	

Figure 3.6.1.1-10 SPUB Form

- Click on the button to cancel the SPUB Record
- If user send to offline Facility, system will display an Information Message after dispense as shown in Figure 3.6.1.1-11

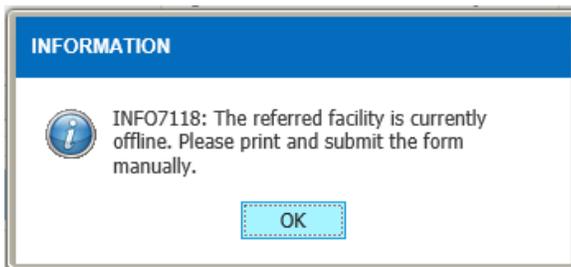
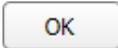


Figure 3.6.1.1-12 Information Message

- Click on the  button and user need to print SPUB Form and send manually to the referred facility

SPUB-R1 (Pindaan 3/2009)

RUJUKAN PRESKRIPSI SPUB | KEMENTERIAN KESIHATAN MALAYSIA

(Borang ini hendaklah dikemukakan kepada fasiliti yang dirujuk melalui faks/ e-mail/ pos dalam masa 7 hari bekerja dari tarikh pesakit diberi bekalan pertama)

Fasiliti Yang Merujuk		Fasiliti dirujuk		No. Rujukan (04295/10/2019)
Negeri	: WP Kuala Lumpur	Negeri	: Perak	
Hospital	: Hospital Kuala Lumpur	Hospital	: Hospital Seri Manjung	
Nombor SPUB	: HKLSPUB_00014126			
Daerah/Bandar	:	Daerah/Bandar	:	
No. Tel	: 0326155555	No. Tel	:	
No. Faks	:	No. Faks	:	

A. Maklumat Pesakit :

Nama : LXX XXX XX

Umur : 27 Years 4 Months 26 Days Jantina : Perempuan

No. Kad Pengenalan : ██████████ No. Telefon : 123456789

B. Maklumat Preskripsi :

No. Preskripsi : KNM0000560205 Tarikh Preskripsi : 30/10/2018

No. Siri Preskripsi : FR1035679 Tarikh Akan Datang : 22/01/2019

Catatan:

C. Maklumat Bekalan :

Tarikh	Nama Ubat	Maklumat Ubat	Baki Kuantiti	Tempoh Bekalan	Jumlah Penuh Kuantiti	Catatan Preskripsi
30/10/2018	Pyridostigmine Bromide 60 mg Tablet	60 mg PRN, Oral, 365 Days	90 tablet	365 Days	120 tablet	

D. Kaunseling telah diberikan Ya Tidak

(Jika Ya, sila lampirkan rekod kaunseling)

Tandatangan : _____

Nama : _____

Jawatan : _____

Untuk diisi oleh Fasiliti yang menerima rujukan :

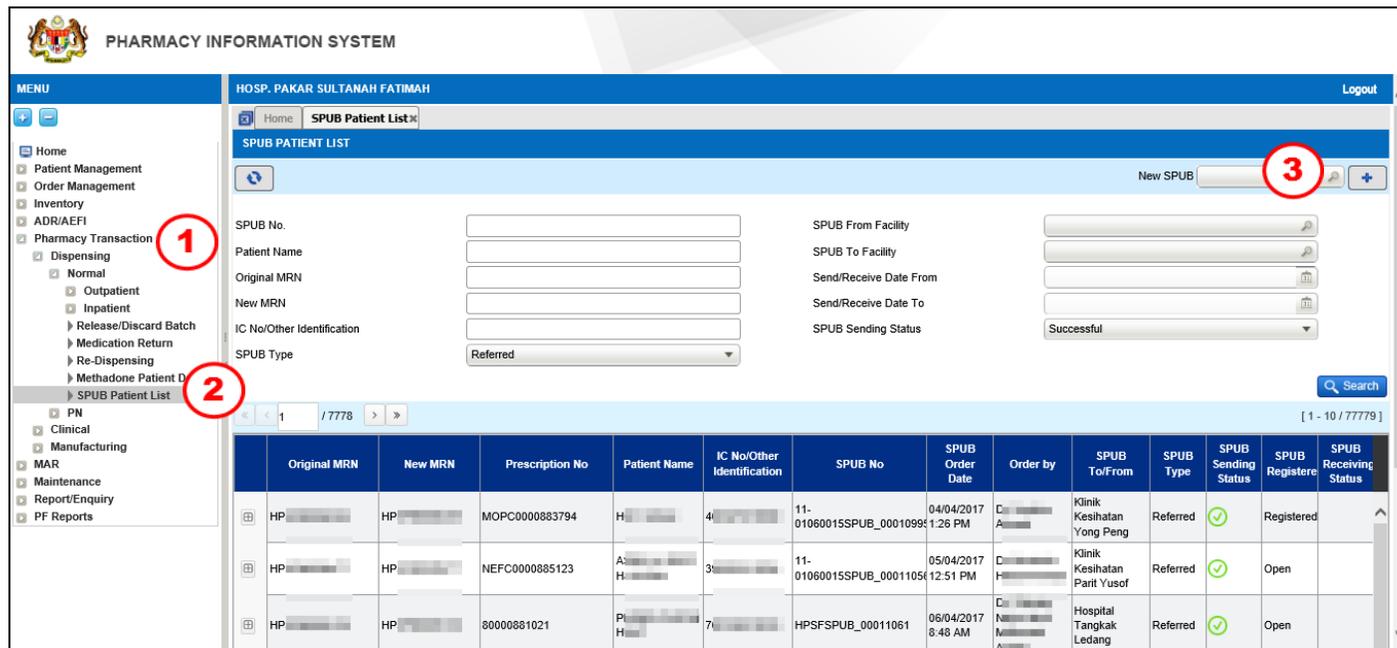
Tarikh preskripsi dibekal	Tempoh preskripsi dibekal	Tarikh bekalan akan datang	Bilangan Item/Kos ubat (keseluruhan)			
			Kategori A		Kategori lain	
			Item	Kos	Item	Kos
Jumlah keseluruhan						

Figure 3.6.1.1-13 SPUB Form

3.6.1.2 After Dispensing

SPUB Out Online (referring facility) enable user to request for SPUB after dispense.

SPUB menu will allow pharmacist to request for SPUB after the dispensing process and only for partial supply drug



PHARMACY INFORMATION SYSTEM

HOSP. PAKAR SULTANAH FATIMAH

Logout

Home SPUB Patient List

SPUB PATIENT LIST

New SPUB **3**

1

2

SPUB No.

SPUB From Facility

Patient Name

SPUB To Facility

Original MRN

Send/Receive Date From

New MRN

Send/Receive Date To

IC No/Other Identification

SPUB Sending Status

SPUB Type

Search

[1 - 10 / 7779]

	Original MRN	New MRN	Prescription No	Patient Name	IC No/Other Identification	SPUB No	SPUB Order Date	Order by	SPUB To/From	SPUB Type	SPUB Sending Status	SPUB Register	SPUB Receiving Status
	HP	HP	MOPC0000883794	H	4	11-01060015SPUB_00010994	04/04/2017 1:26 PM	Dr	Klinik Kesihatan Yong Peng	Referred	✓	Registered	
	HP	HP	NEFC0000885123	A	3	11-01060015SPUB_00011056	05/04/2017 12:51 PM	H	Klinik Kesihatan Parit Yusof	Referred	✓	Open	
	HP	HP	80000881021	P	7	HPSFSPUB_00011061	06/04/2017 8:48 AM	Dr	Hospital Tangkak Ledang	Referred	✓	Open	

Figure 3.6.1.2-1 SPUB Patient List

STEP 1

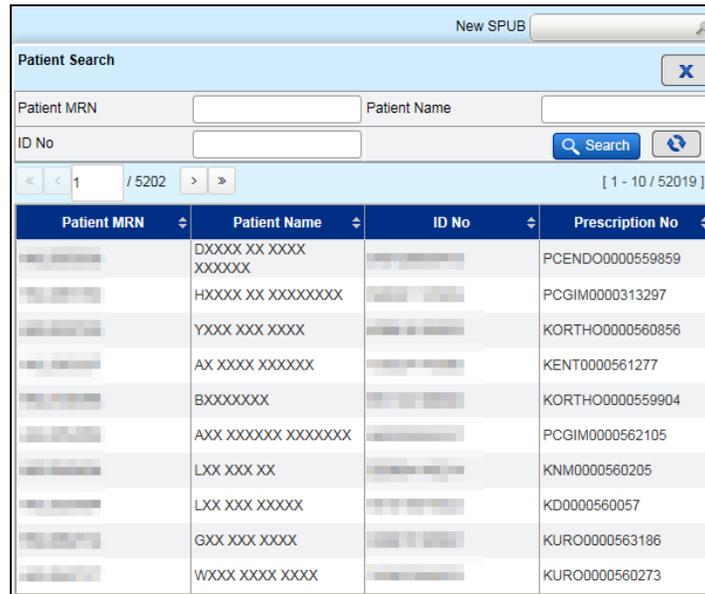
Click on the 'Pharmacy Transaction' menu and click on 'Dispensing' sub-menu then click on 'Normal'

STEP 2

Click on the 'SPUB Patient List'

STEP 3

Click on the **New SPUB** button and Patient Search window will be display as Figure 3.6.1.2-2



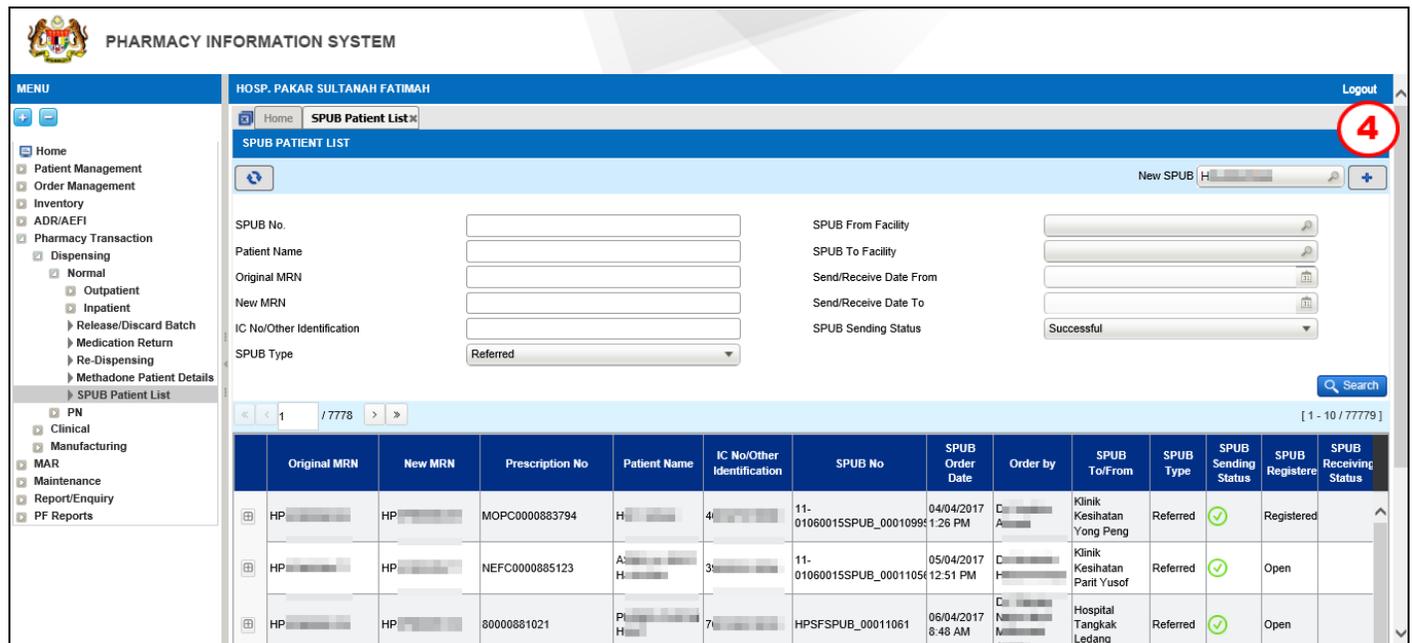
The screenshot shows a 'Patient Search' window with a search bar at the top right labeled 'New SPUB'. Below the search bar are input fields for 'Patient MRN', 'Patient Name', and 'ID No'. A 'Search' button with a magnifying glass icon is located to the right of the 'ID No' field. Below the search fields is a pagination bar showing '< < 1 / 5202 > >' and '[1 - 10 / 52019]'. The main area contains a table with the following columns: Patient MRN, Patient Name, ID No, and Prescription No. The table lists several patient records with masked names and prescription numbers.

Patient MRN	Patient Name	ID No	Prescription No
[Masked]	DXXXX XX XXXX XXXXXX	[Masked]	PCENDO0000559859
[Masked]	HXXXX XX XXXXXXXX	[Masked]	PCGIM0000313297
[Masked]	YXXX XX XXXX	[Masked]	KORTHO0000560856
[Masked]	AX XXXX XXXXXX	[Masked]	KENT0000561277
[Masked]	BXXXXXXXX	[Masked]	KORTHO0000559904
[Masked]	AXX XXXXXX XXXXXXXX	[Masked]	PCGIM0000562105
[Masked]	LXX XXX XX	[Masked]	KNM0000560205
[Masked]	LXX XXX XXXXX	[Masked]	KD0000560057
[Masked]	GXX XXX XXXX	[Masked]	KURO0000563186
[Masked]	WXXX XXXX XXXX	[Masked]	KURO0000560273

Figure 3.6.1.2-2 Patient Search

Note

- search patient by entering value in **Patient MRN, Patient Name** or **ID No** and click on the  button
- Double click on the selected patient



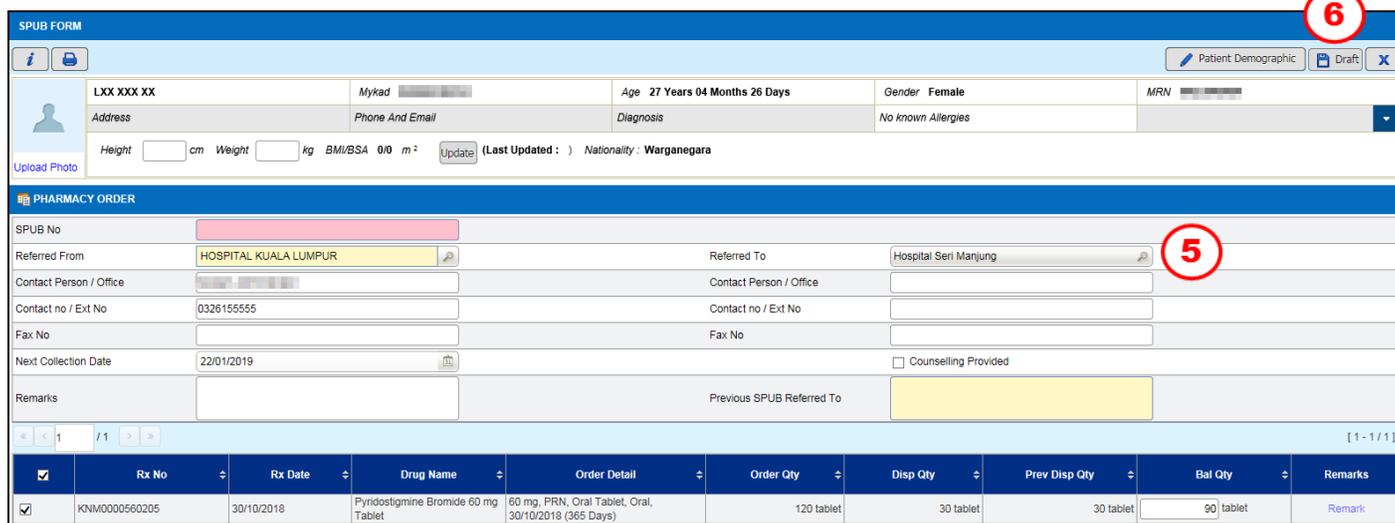
The screenshot shows the 'SPUB Patient List' screen within the 'PHARMACY INFORMATION SYSTEM'. The top navigation bar includes 'Home', 'SPUB Patient List', and 'Logout'. A red circle with the number '4' highlights the 'Logout' button. On the left is a 'MENU' sidebar with various options like 'Patient Management', 'Inventory', and 'Dispensing'. The main area contains a search bar 'New SPUB' and a table of patient records. Below the search fields are input fields for 'SPUB No.', 'Patient Name', 'Original MRN', 'New MRN', 'IC No/Other Identification', and 'SPUB Type' (set to 'Referred'). There are also fields for 'SPUB From Facility', 'SPUB To Facility', 'Send/Receive Date From', 'Send/Receive Date To', and 'SPUB Sending Status' (set to 'Successful'). A 'Search' button is at the bottom right. The table below has the following columns: Original MRN, New MRN, Prescription No, Patient Name, IC No/Other Identification, SPUB No, SPUB Order Date, Order by, SPUB To/From, SPUB Type, SPUB Sending Status, SPUB Register, and SPUB Receiving Status.

Original MRN	New MRN	Prescription No	Patient Name	IC No/Other Identification	SPUB No	SPUB Order Date	Order by	SPUB To/From	SPUB Type	SPUB Sending Status	SPUB Register	SPUB Receiving Status
HP [Masked]	HP [Masked]	MOPC0000883794	H [Masked]	4 [Masked]	11-01060015SPUB_00010994	04/04/2017 1:26 PM	C [Masked]	Klinik Kesihatan Yong Peng	Referred	✓	Registered	
HP [Masked]	HP [Masked]	NEFC0000885123	A [Masked]	3 [Masked]	11-01060015SPUB_00011054	05/04/2017 12:51 PM	C [Masked]	Klinik Kesihatan Parit Yusof	Referred	✓	Open	
HP [Masked]	HP [Masked]	80000881021	P [Masked]	7 [Masked]	HPSFSPUB_00011061	06/04/2017 8:48 AM	C [Masked]	Hospital Tangkak Ledang	Referred	✓	Open	

Figure 3.6.1.2-3 SPUB Patient List

STEP 4

Click on the  button and SPUB Form screen will be display as Figure 3.6.1.2-4



SPUB FORM	Patient Demographic				
LXX XXX XX	Mykad	Age 27 Years 04 Months 26 Days	Gender Female	MRN	
Address	Phone And Email	Diagnosis	No known Allergies		
Height	Weight	BMI/BSA	0/0 m ²	Update (Last Updated :) Nationality : Warganegara	

PHARMACY ORDER	
SPUB No	
Referred From	HOSPITAL KUALA LUMPUR
Referred To	Hospital Seri Manjung
Contact Person / Office	
Contact no / Ext No	0326155555
Fax No	
Next Collection Date	22/01/2019
Remarks	
Previous SPUB Referred To	

	Rx No	Rx Date	Drug Name	Order Detail	Order Qty	Disp Qty	Prev Disp Qty	Bal Qty	Remarks
<input checked="" type="checkbox"/>	KNM0000560205	30/10/2018	Pyridostigmine Bromide 60 mg Tablet	60 mg, PRN, Oral Tablet, Oral, 30/10/2018 (365 Days)	120 tablet	30 tablet	30 tablet	90 tablet	Remark

Figure 3.6.1.2-4 SPUB Form

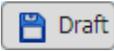
STEP 5

Select **Referred To** from button 

Note

- Enter **Contact Person/Office** , **Contact no / Ext No**, **Fax No** and **Remarks** if applicable (optional)
- User is allowed to check on the **Counselling Provided** checkbox
- by default, system will automatically check all the Drug but user is allowed to select which drug need to send to SPUB
- User is allowed to modify **Balance Quantity**

STEP 6

Click on the  button to save the record and Confirmation Message will display as Figure 3.6.1.2-5

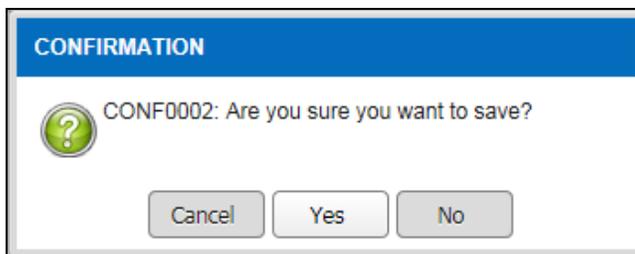
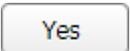


Figure 3.6.1.2-5 Confirmation Message

Note

Click on the  button to proceed the SPUB Order

7

SPUB FORM

 
Patient Demographic
 Send



	LXX XXX XX	Mykad: ██████████	Age: 27 Years 04 Months 26 Days	Gender: Female	MRN: ██████████
Address		Phone And Email		Diagnosis	
No known Allergies					
Height: <input type="text"/> cm Weight: <input type="text"/> kg BMI/BSA: 0/0 m ² <input type="button" value="Update"/> (Last Updated:) Nationality: Warganegara					

PHARMACY ORDER

SPUB No: HKLSPUB_00014126	
Referred From: HOSPITAL KUALA LUMPUR	Referred To: Hospital Seri Manjung
Contact Person / Office: ██████████	Contact Person / Office: ██████████
Contact no / Ext No: 0326155555	Contact no / Ext No: ██████████
Fax No: ██████████	Fax No: ██████████
Next Collection Date: 22/01/2019	<input type="checkbox"/> Counselling Provided
Remarks: ██████████	Previous SPUB Referred To: ██████████

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

<input checked="" type="checkbox"/>	Rx No	Rx Date	Drug Name	Order Detail	Order Qty	Disp Qty	Prev Disp Qty	Bal Qty	Remarks
<input checked="" type="checkbox"/>	KNM0000560205	30/10/2018	Pyridostigmine Bromide 60 mg Tablet	60 mg, PRN, Oral Tablet, Oral, 30/10/2018 (365 Days)	120 tablet	30 tablet	30 tablet	90 tablet	Remark

Figure 3.6.1.2-6 SPUB Form

Note

User is allowed to modify the record by click on the  button

STEP 7

Click on the  button to send SPUB record



Figure 3.6.1.2-7 Information Message

Note

- Click on the  button
- If user send to offline Facility, system will display an Information Message after dispense as shown in Figure 3.6.1.2-8

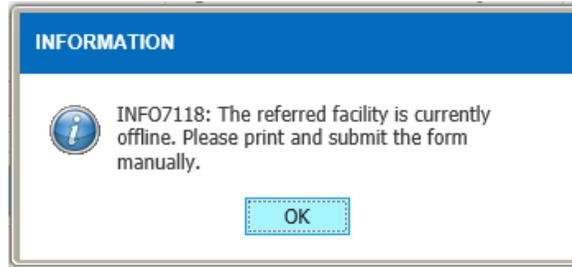
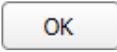


Figure 3.6.1.2-8 Information Message

- Click on the  button and user need to print SPUB Form and send manually to the referred facility

SPUB-R1 (Pindaan 3/2009)

RUJUKAN PRESKRIPSI SPUB | KEMENTERIAN KESIHATAN MALAYSIA

(Borang ini hendaklah dikemukakan kepada fasiliti yang dirujuk melalui faks/ e-mail/ pos dalam masa 7 hari bekerja dari tarikh pesakit diberi bekalan pertama)

Fasiliti Yang Merujuk Negeri : WP Kuala Lumpur Hospital : Hospital Kuala Lumpur Nombor SPUB : HKLSPUB_00014126 Daerah/Bandar : No. Tel : 0326155555 No. Faks :	Fasiliti dirujuk Negeri : Perak Hospital : Hospital Seri Manjung Daerah/Bandar : No. Tel : No. Faks :
---	---

No. Rujukan
(04295/10/2019)

A. Maklumat Pesakit :
 Nama : LXX XXX XX
 Umur : 27 Years 4 Months 26 Days Jantina : Perempuan
 No. Kad Pengenalan : ██████████ No. Telefon : 123456789

B. Maklumat Preskripsi :
 No. Preskripsi : KNM0000560205 Tarikh Preskripsi : 30/10/2018
 No. Siri Preskripsi : FR1035679 Tarikh Akan Datang : 22/01/2019
 Catatan:

C. Maklumat Bekalan :

Tarikh	Nama Ubat	Maklumat Ubat	Baki Kuantiti	Tempoh Bekalan	Jumlah Penuh Kuantiti	Catatan Preskripsi
30/10/2018	Pyridostigmine Bromide 60 mg Tablet	60 mg PRN, Oral, 365 Days	90 tablet	365 Days	120 tablet	

D. Kaunseling telah diberikan Ya Tidak

(Jika Ya, sila lampirkan rekod kaunseling)

Tandatangan :
 Nama : ██████████
 Jawatan :

Untuk diisi oleh Fasiliti yang menerima rujukan :

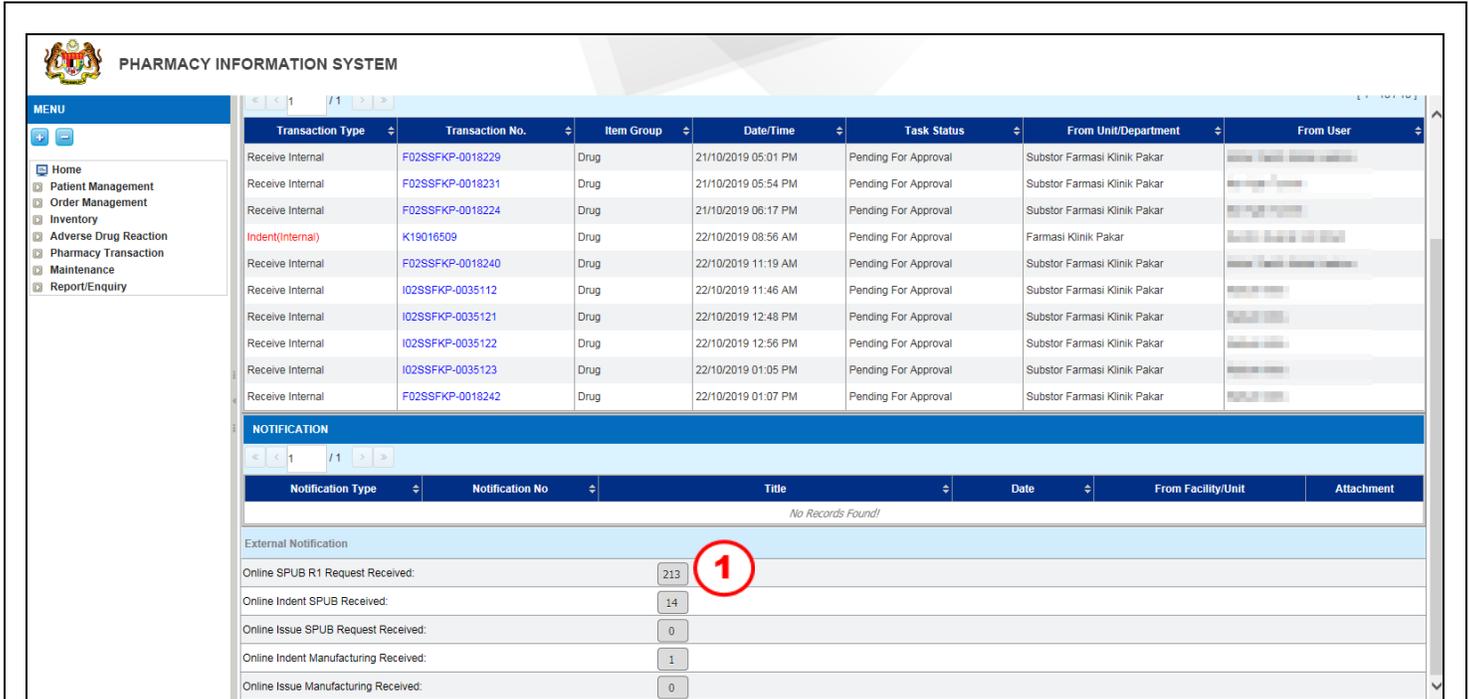
Tarikh preskripsi dibekal	Tempoh preskripsi dibekal	Tarikh bekalan akan datang	Bilangan Item/Kos ubat (keseluruhan)			
			Kategori A		Kategori lain	
			Item	Kos	Item	Kos
Jumlah keseluruhan						

Figure 3.6.1.2-9 SPUB Form

3.6.2 SPUB In

3.6.2.1 SPUB In Online

SPUB In Online (referred facility) enable user to received SPUB information from other facility that is using PhIS (referring facility).



PHARMACY INFORMATION SYSTEM

MENU

- Home
- Patient Management
- Order Management
- Inventory
- Adverse Drug Reaction
- Pharmacy Transaction
- Maintenance
- Report/Enquiry

Transaction Type	Transaction No.	Item Group	Date/Time	Task Status	From Unit/Department	From User
Receive Internal	F02SSFKP-0018229	Drug	21/10/2019 05:01 PM	Pending For Approval	Substor Farmasi Klinik Pakar	
Receive Internal	F02SSFKP-0018231	Drug	21/10/2019 05:54 PM	Pending For Approval	Substor Farmasi Klinik Pakar	
Receive Internal	F02SSFKP-0018224	Drug	21/10/2019 06:17 PM	Pending For Approval	Substor Farmasi Klinik Pakar	
Indent(Internal)	K19016509	Drug	22/10/2019 08:56 AM	Pending For Approval	Farmasi Klinik Pakar	
Receive Internal	F02SSFKP-0018240	Drug	22/10/2019 11:19 AM	Pending For Approval	Substor Farmasi Klinik Pakar	
Receive Internal	I02SSFKP-0035112	Drug	22/10/2019 11:46 AM	Pending For Approval	Substor Farmasi Klinik Pakar	
Receive Internal	I02SSFKP-0035121	Drug	22/10/2019 12:48 PM	Pending For Approval	Substor Farmasi Klinik Pakar	
Receive Internal	I02SSFKP-0035122	Drug	22/10/2019 12:56 PM	Pending For Approval	Substor Farmasi Klinik Pakar	
Receive Internal	I02SSFKP-0035123	Drug	22/10/2019 01:05 PM	Pending For Approval	Substor Farmasi Klinik Pakar	
Receive Internal	F02SSFKP-0018242	Drug	22/10/2019 01:07 PM	Pending For Approval	Substor Farmasi Klinik Pakar	

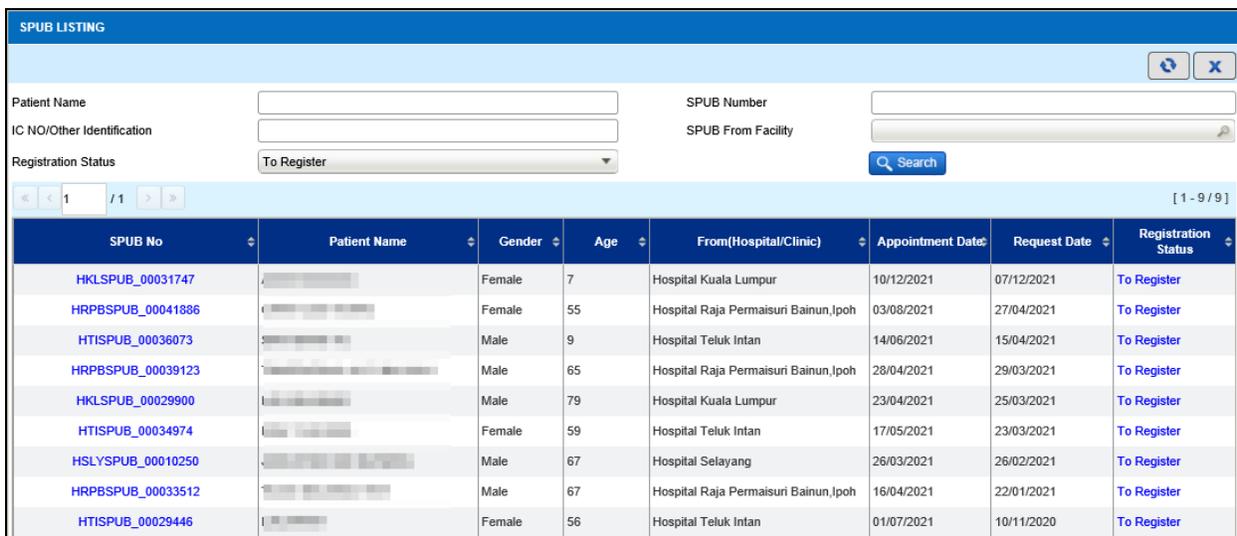
NOTIFICATION

Notification Type	Notification No	Title	Date	From Facility/Unit	Attachment
No Records Found!					
External Notification					
Online SPUB R1 Request Received:	213				
Online Indent SPUB Received:	14				
Online Issue SPUB Request Received:	0				
Online Indent Manufacturing Received:	1				
Online Issue Manufacturing Received:	0				

Figure 3.6.2.1-1 PhIS Home Page

STEP 1

Click on the Online SPUB R1 Request Received **213** button from External Notification section and SPUB Listing screen will be display



SPUB LISTING

Patient Name: SPUB Number:

IC NO/Other Identification: SPUB From Facility:

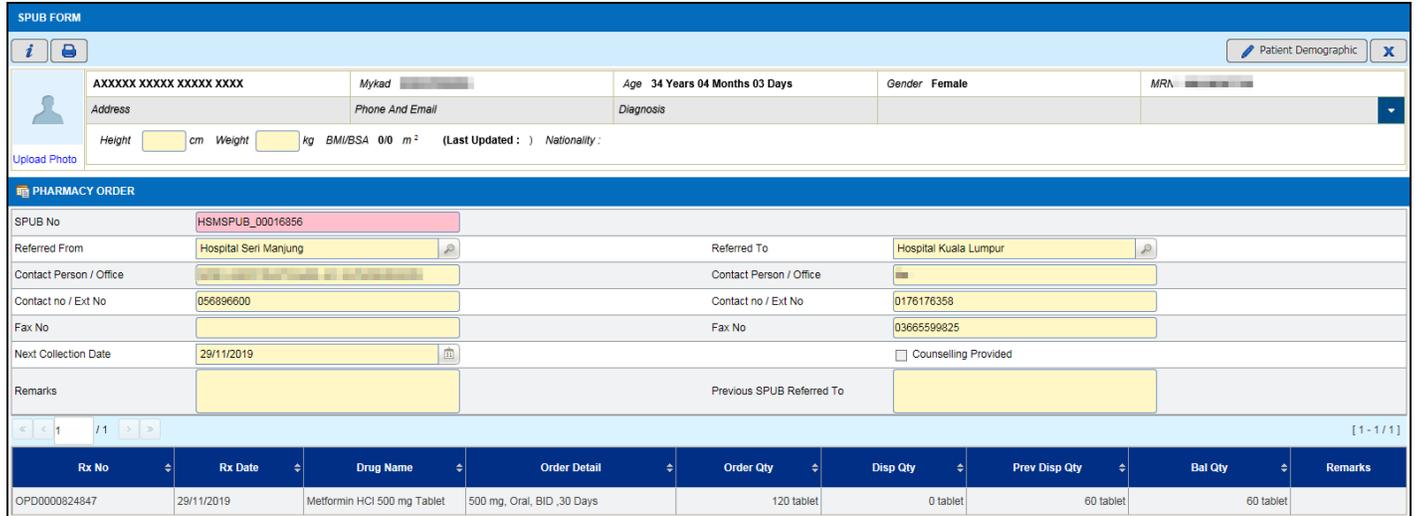
Registration Status:

SPUB No	Patient Name	Gender	Age	From(Hospital/Clinic)	Appointment Date	Request Date	Registration Status
HKLS PUB_00031747		Female	7	Hospital Kuala Lumpur	10/12/2021	07/12/2021	To Register
HRBSPUB_00041886		Female	55	Hospital Raja Permaisuri Bainun, Ipoh	03/08/2021	27/04/2021	To Register
HTIS PUB_00036073		Male	9	Hospital Teluk Intan	14/06/2021	15/04/2021	To Register
HRBSPUB_00039123		Male	65	Hospital Raja Permaisuri Bainun, Ipoh	28/04/2021	29/03/2021	To Register
HKLS PUB_00029900		Male	79	Hospital Kuala Lumpur	23/04/2021	25/03/2021	To Register
HTIS PUB_00034974		Female	59	Hospital Teluk Intan	17/05/2021	23/03/2021	To Register
HSLYSPUB_00010250		Male	67	Hospital Selayang	26/03/2021	26/02/2021	To Register
HRBSPUB_00033512		Male	67	Hospital Raja Permaisuri Bainun, Ipoh	16/04/2021	22/01/2021	To Register
HTIS PUB_00029446		Female	56	Hospital Teluk Intan	01/07/2021	10/11/2020	To Register

Figure 3.6.2.1-2 SPUB Listing

Note

- Click on the SPUB No hyperlink and SPUB Form will be display as Figure 3.6.2.1-3



SPUB FORM

AXXXXX XXXXXX XXXXXX XXXX Mykad: [REDACTED] Age: 34 Years 04 Months 03 Days Gender: Female MRA: [REDACTED]

Address: [REDACTED] Phone And Email: [REDACTED] Diagnosis: [REDACTED]

Height: [REDACTED] cm Weight: [REDACTED] kg BMI/BSA: 0/0 m² (Last Updated:) Nationality:

PHARMACY ORDER

SPUB No: [HSMSPUB_00016856](#)

Referred From: Hospital Seri Manjung Referred To: Hospital Kuala Lumpur

Contact Person / Office: [REDACTED] Contact Person / Office: [REDACTED]

Contact no / Ext No: 056896600 Contact no / Ext No: 0176176358

Fax No: [REDACTED] Fax No: 03665599825

Next Collection Date: 29/11/2019 Counselling Provided

Remarks: [REDACTED] Previous SPUB Referred To: [REDACTED]

[1 - 1 / 1]

Rx No	Rx Date	Drug Name	Order Detail	Order Qty	Disp Qty	Prev Disp Qty	Bal Qty	Remarks
OPD0000824847	29/11/2019	Metformin HCl 500 mg Tablet	500 mg, Oral, BID, 30 Days	120 tablet	0 tablet	60 tablet	60 tablet	

Figure 3.6.2.1-3 SPUB Form

- If sending facility got alternate drug, received facility will get the information and will display in SPUB Form screen
- Alternate drug will have a remark as 'Alternate Drug' under 'Catatan Preskripsi' column as shown in Figure 3.6.2.1-4
- User can view/print SPUB Form by click on the  button

SPUB-R1 (Pindaan 3/2009)

RUJUKAN PRESKRIPSI SPUB | KEMENTERIAN KESIHATAN MALAYSIA

(Borang ini hendaklah dikemukakan kepada fasiliti yang dirujuk melalui faks/ e-mail/ pos dalam masa 7 hari bekerja dari tarikh pesakit diberi bekalan pertama)

Fasiliti Yang Merujuk Negeri : Johor Hospital : Hospital Pakar Sultanah Fatimah, Muar Nombor SPUB : HPSFSPUB_00093896 Daerah/Bandar : No. Tel : 069521901 No. Faks :	Fasiliti dirujuk Negeri : WP Kuala Lumpur Hospital : Hospital Kuala Lumpur Daerah/Bandar : No. Tel : No. Faks :	No. Rujukan (03510/12/2021)
---	---	--------------------------------

A. Maklumat Pesakit :

Nama : NXXX XXXXXX XXXXX XXXXX _____
 Umur : 40 Years 11 Months 24 Days Jantina : Perempuan _____
 No. Kad Pengenalan : 801220015766 No. Telefon : 123456789

B. Maklumat Preskripsi :

No. Preskripsi : MOPC0002731074 Tarikh Preskripsi : 14/12/2021
 No. Siri Preskripsi : Tarikh Akan Datang : 13/01/2022
 Tarikh Temujanji Doktor :
 Catatan:

C. Maklumat Bekalan :

Tarikh Bekalan Susulan	Nama Ubat	Maklumat Ubat	Baki Kuantiti	Baki Tempoh Bekalan	Jumlah Penuh Kuantiti	Catatan Preskripsi
14/12/2021	Losartan 100 mg Tablet	100 mg, OD, Oral, 3 Months	60 tablet	60 Days	90 tablet	
14/12/2021	Amoxicillin + Clavulanate 228 mg/5 ml Syrup (dose in Amoxicillin only)	200 mg, TID, Oral, 3 Months	1210 tablet	60 Days	1350 ml	
	Amoxicillin 500 mg Clavulanate 125 mg Tablet	0.5 tablet				Alternate Drug
14/12/2021	Frusamide 40 mg Tablet	40 mg, OM, Oral, 3 Months	60 tablet	60 Days	90 tablet	

D. Kaunseling telah diberikan Ya Tidak

(Jika Ya, sila lampirkan rekod kaunseling)

Tandatangan :
 Nama : Tan Lim Hui
 Jawatan : Pegawai Farmasi UF52

Untuk diisi oleh Fasiliti yang menerima rujukan :

Tarikh preskripsi dibekal	Tempoh preskripsi dibekal	Tarikh bekalan akan datang	Bilangan Item/Kos ubat (keseluruhan)			
			Kategori A		Kategori lain	
			Item	Kos	Item	Kos
Jumlah keseluruhan						

Figure 3.6.2.1-4 SPUB Form

SPUB LISTING							
SPUB No	Patient Name	Gender	Age	From(Hospital/Clinic)	Appointment Date	Request Date	Registration Status
HKLSPUB_00031747	[REDACTED]	Female	7	Hospital Kuala Lumpur	10/12/2021	07/12/2021	To Register
HRPBSPUB_00041886	[REDACTED]	Female	55	Hospital Raja Permaisuri Bainun, Ipoh	03/08/2021	27/04/2021	To Register
HTIS PUB_00036073	[REDACTED]	Male	9	Hospital Teluk Intan	14/06/2021	15/04/2021	To Register
HRPBSPUB_00039123	[REDACTED]	Male	65	Hospital Raja Permaisuri Bainun, Ipoh	28/04/2021	29/03/2021	To Register
HKLSPUB_00029900	[REDACTED]	Male	79	Hospital Kuala Lumpur	23/04/2021	25/03/2021	To Register
HTIS PUB_00034974	[REDACTED]	Female	59	Hospital Teluk Intan	17/05/2021	23/03/2021	To Register
HSLYSPUB_00010250	[REDACTED]	Male	67	Hospital Selayang	26/03/2021	26/02/2021	To Register
HRPBSPUB_00033512	[REDACTED]	Male	67	Hospital Raja Permaisuri Bainun, Ipoh	16/04/2021	22/01/2021	To Register
HTIS PUB_00029446	[REDACTED]	Female	56	Hospital Teluk Intan	01/07/2021	10/11/2020	To Register

Figure 3.6.2.1-5 SPUB Listing

STEP 2

Click on the **To Register** hyperlink and Confirmation Message will be display as Figure 3.6.2.1-6

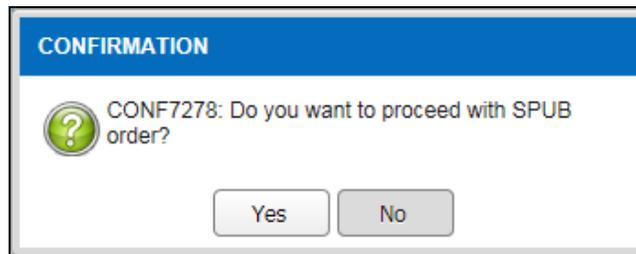


Figure 3.6.2.1-6 Confirmation Message

Note

- If user click on the button, SPUB Order will automatically inserted into the draft list in medication order screen as shown in Figure 3.6.2.1-7
- Alternate Drug will not add in the draft list, only original drugs will be added
- Alternate Drug is for viewing propose at SPUB R1 form printing
- User pharmacist with prescriber mapping only allow to proceed with medication order



MEDICATION ORDER

JXXXXX XXXXX XXXX XXXX Mykad 540212045276 Age 67 Years 10 Months 01 Days Gender Female MRN HP [REDACTED]

Address Phone And Email Diagnosis No known Allergies

Height [REDACTED] cm Weight [REDACTED] kg BMI/BSA 0/0 m² G6PD [REDACTED] Update (Last Updated :) Nationality: Warganegara

Encounter No: 0002 Actual Visit Date: 13/12/2021 Attending Practitioner: [REDACTED] Visit Location: FARMASI KLINIK PAKAR Rx No: FKP0002731071 Prescriber Dept.: Pharmacy Pensioner [REDACTED] -SELECT-

VISIT RECORD

Breast Feeding Pregnant Original Prescriber Name: [REDACTED] Original Prescription Serial Number: CRW0001660323

NORMAL ORDER

DRUG DETAILS SPUB Form View Order Confirm Draft Total Price : RM 823.25

Alert	Drug Name	Order Details	Order Qty	Drug Info
1	Insulin regular/isophane (Mixtard-30) 100 IU/mL Penfill	20 IU, BD (twice daily), Parenteral Solution, Subcutaneous, 25/11/2021 (210 Days)	28 penfill cartridge (RM 187.60)	[i] [trash]
2	Bisoprolol Fumarate 5 mg Tablet	5 mg, OM (every morning), Oral Tablet, Oral, 25/11/2021 (210 Days)	210 tablet (RM 31.50)	[i] [trash]
3	Acetylsalicylic Acid 100 mg, Glycine 45 mg Tablet	1 tablet, OM (every morning), Oral Tablet, Oral, 25/11/2021 (210 Days)	210 tablet (RM 21.00)	[i] [trash]
4	Metformin HCl 500 mg Tablet	1000 mg, BD (twice daily), Oral Tablet, Oral,	840 tablet (RM 84.00)	[i] [trash]

Figure 3.6.2.1-7 Medication Order

- If user click on the **No** button, SPUB Order will not save into medication order draft list, but SPUB Visit will be created
- users need to search the registered SPUB patient in Medication Order as shown in Figure 3.6.2.1-8

PHARMACY INFORMATION SYSTEM

HOSP. PAKAR SULTANAH FATIMAH Logout

Home Medication Order

LIST OF VISITS

Show All Show All By Location

MRN Patient Name

Location FARMASI KLINIK PAKAR Visit Date

IC No/Other Identification Search

MRN	IC No/Other Identification	Patient Name	Location	Prescriber Name	Visit Type	Encounter No	Actual Visit Date	Order Status	Home Leave
HPSF00022789	490728015817	JXXXXXXXX XXX XXXXXX @ XXXXXX	FARMASI KLINIK PAKAR	[REDACTED]	SPUB	0001	13/12/2021		No
HPSF00120535	540212045276	JXXXXXXXX XXXX XXXX XXXX	FARMASI KLINIK PAKAR	[REDACTED]	SPUB	0002	13/12/2021	Draft	No

Figure 3.6.2.1-9 Medication Order

STEP 3

Click on Order Management module and click on Medication Order

STEP 4

Search SPUB registered patient and Medication Order screen will be display as Figure 3.6.2.1-10

MEDICATION ORDER

JXXXXXXX XXX XXXXXX @ XXXXXX Mykad 490728015817 Age 72 Years 04 Months 16 Days Gender Male MRN HPSXXXXXX

Address Phone And Email Diagnosis No known Allergies

Height [] cm Weight [] kg BMI/BSA 0/0 m² G6PD Update (Last Updated :) Nationality : Warganegara

Demographic | Medication Profile | Pharmacist Notes | Monitoring Parameter | Counselling History | Other Appointment | VAS History |

Encounter No: 0001 Actual Visit Date: 13/12/2021 Attending Practitioner: Visit Location: FARMASI KLINIK PAKAR Prescriber Dept.: Pensioner -SELECT- Update

VISIT RECORD

Original Prescriber Name [] Original Prescription Serial Number []

NORMAL ORDER 5

DRUG DETAILS Online SPUB View Order Confirm Draft

Total Price : RM 0.00

Alert	Drug Name	Order Details	Order Qty	Drug Info
-------	-----------	---------------	-----------	-----------

Patient Own Medication
 Patient Require Counselling

Drug [] Dosage [] Admin Route [] Frequency [] Duration [] Days
 Start Date / Time 13/12/2021 3:06 PM End Date / Time 13/12/2021 3:06 PM Order Quantity []

Figure 3.6.2.1-10 Medication Order

STEP 5

Click on the **Online SPUB** button and SPUB Listing screen will display as Figure 3.6.2.1-11

SPUB LISTING

[1 - 1 / 1]

SPUB No	Patient Name	Gender	Age	From(Hospital/Clinic)	Appointment Date	Request Date
HSAS PUB_00058610	JA []	M	72	Hospital Sultanah Aminah, Johor Bahru	23/11/2021	26/10/2021

Figure 3.6.2.1-11 SPUB Listing

STEP 6

Double click on the list and SPUB Order will be updated in the medication order as shown in Figure 3.6.2.1-12

MEDICATION ORDER

JXXXXXXX XXX XXXXXX @ XXXXXX
Mykad 490728015817
Age 72 Years 04 Months 16 Days
Gender Male
MRN HP: [REDACTED]

Address
Phone And Email
Diagnosis
No known Allergies

Height [] cm Weight [] kg BMI/BSA 0/0 m² G6PD
Update (Last Updated :) Nationality : Warganegara

Demographic | Medication Profile | Pharmacist Notes | Monitoring Parameter | Counselling History | Other Appointment | VAS History |

Encounter No: 0001 Actual Visit Date: 13/12/2021 Attending Practitioner: Visit Location: FARMASI KLINIK PAKAR Prescriber Dept.: Pensioner -SELECT- Update

VISIT RECORD

Original Prescriber Name DR [REDACTED] Original Prescription Serial Number UROC0001656343

- NORMAL ORDER
- Patient Diagnosis
- Allergy
- Adverse Drug Reaction
- Nutritional Assessment
- Normal Order
- Infusion Order
- Parenteral Nutrition
- Cytotoxic Drug Reconstitution
- Therapeutic Drug Monitoring
- Radiopharmaceuticals

DRUG DETAILS

SPUB Form
View Order
Confirm
Draft

Total Price : RM 954.75

Drug [] Advanced Search

Dosage [0]

Admin Route [] Patient Own Medication

Frequency [] Dosage Schedule [] Patient Require Counselling

Duration [] Days

Start Date / Time 13/12/2021 3:09 PM

End Date / Time 13/12/2021 3:09 PM

Order Quantity [0]

Alert	Drug Name	Order Details	Order Qty	Drug Info
⚠	1. Doxazosin Mesilate 4 mg CR Tablet	4 mg, ON (every night), Oral Tablet, Oral, 23/11/2021 (335 Days)	335 tablet (RM 636.50)	i
⚠	2. Finasteride 5 mg Tablet	5 mg, OD (once daily), Oral Tablet, Oral, 23/11/2021 (335 Days)	335 tablet (RM 318.25)	i

Figure 3.6.2.1-12 Medication Order

STEP 7

Click on the button to confirm the SPUB Order and information message will be displayed

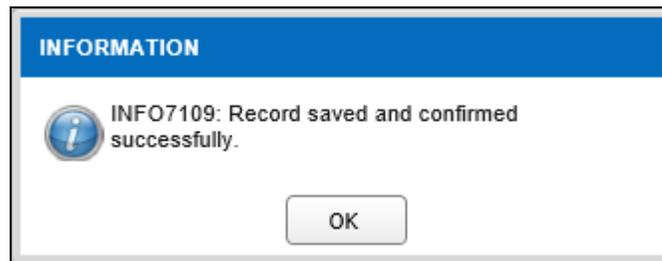


Figure 3.6.2.1-13 Information Message

Note

- Click on the button to confirm the order
- After confirming the SPUB Order, pharmacist can proceed with normal dispensing process
- SPUB No link will appear at every process of dispensing as show in figure below:



SCREENING AND VERIFICATION

TXX XXXX XXXXX Mykad 32 Age 89 Years 04 Months 03 Days Gender Male MRN HF

Address Phone And Email Diagnosis No known Allergies

Height cm Weight kg BM/BSA 0/0 m² Update (Last Updated :) Nationality : Warganegara

Demographic | Medication Profile | Pharmacist Notes | MTAC History | Monitoring Parameter | Counselling History | Other Appointment | VAS History

Encounter No: 0022 Actual Visit Date: 14/10/2021 Attending Practitioner: Visit Location: FARMASI KLINIK PAKAR Rx No: FKP0002720321 Order By: Prescriber Dept:

PHARMACY ACKNOWLEDGEMENT Print Queue No

Patient Arrived Queue Series Normal Queue No 2747 Arrival Time 14/10/2021 03:48 AM Collector Name Relationship

PHARMACY ORDER

Clinic TCA No. of Days: 0 Current Collection Mode Normal Collection SPUB Out SPUB SPUB R1 Form

Next Collection Date 20/01/2022 Total Patient: 2 Next Collection Mode SPUB In(PDF) HSASPUB_00057117

Supply Duration 30 Days Next Collection Location FARMASI KLINIK PAKAR Dispense At

Adherence Score MPR History Next Dispense At

PRESCRIPTION ENGLISH PROCEED TO PREPARATION Label Label Full Supply Allocate Verify

Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneous	Prescriber Name	Drug Status
Calcitriol 0.25mcg Capsule	0.25 mcg, OD, Oral, 150 Days 05/11/2021 12:38 PM - 04/04/2022 12:37 PM	150 capsule	0 capsule	0 POMs	0 capsule	0 capsule	150 capsule (104 day(s))	Remarks	<input type="checkbox"/> Detail	<input type="checkbox"/> Detail		Acknowledged

Figure 3.6.2.1-14 Screening & Verification

PREPARATION

TXX XXXX XXXXX Mykad 32 Age 89 Years 04 Months 03 Days Gender Male MRN HF

Address Phone And Email Diagnosis No known Allergies

Height cm Weight kg BM/BSA 0/0 m² Update (Last Updated :) Nationality : Warganegara

Demographic | Medication Profile | Pharmacist Notes | MTAC History | Monitoring Parameter | Counselling History | Other Appointment | VAS History

Encounter No: 0022 Actual Visit Date: 14/10/2021 Attending Practitioner: Visit Location: FARMASI KLINIK PAKAR Rx No: FKP0002720321 Order By: Prescriber Dept:

PHARMACY ORDER

Patient Arrived Queue Series Normal Queue No 2747 Arrival Time 14/10/2021 03:48 AM Waiting Time 1649 : 48 : 9 Collector Name Relationship Patient

Clinic TCA No. of Days: 0 Current Collection Mode Normal Collection Dispense At Pharmacy Counter

Next Collection Date 20/01/2022 Total Patient: 3 Next Collection Mode Normal Collection Next Dispense At Pharmacy Counter

Supply Duration 30 Days Next Collection Location FARMASI KLINIK PAKAR SPUB Out SPUB SPUB R1 Form

Adherence Score MPR History SPUB In(PDF) HSASPUB_00057117

PRESCRIPTION ENGLISH Invoice Worksheet Worksheet Balance Medication Sheet Balance Medication Sheet Label Label Full Supply Allocate Prepare

Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneous	Prescriber Name	Drug Status
Calcitriol 0.25mcg Capsule	0.25 mcg, OD, Oral, 150 Days 05/11/2021 12:38 PM - 04/04/2022 12:37 PM	150 capsule	0 capsule	30 POMs	0 capsule	30 capsule	120 capsule (74 day(s))	Remarks	<input type="checkbox"/> Detail	<input type="checkbox"/> Detail		Verified
Doxazosin Mesilate 4 mg CR Tablet	4 mg, ON, Oral, 150 Days 05/11/2021 12:38 PM - 04/04/2022 12:37 PM	150 tablet	0 tablet	0 POMs	0 tablet	0 tablet	150 tablet (104 day(s))	Remarks	<input type="checkbox"/> Detail			Stop

Figure 3.6.2.1-15 Preparation



DISPENSING

TXX XXXX XXXXX Mykad 3 Age 89 Years 04 Months 03 Days Gender Male M/RN HI
 Address Phone And Email Diagnosis No known Allergies
 Height cm Weight kg BMI/BSA 0/0 m² Update (Last Updated :) Nationality : Warganegara

[Demographic](#) | [Medication Profile](#) | [Pharmacist Notes](#) | [MTAC History](#) | [Monitoring Parameter](#) | [Counselling History](#) | [Other Appointment](#) | [VAS History](#)

Encounter No: 0022 Actual Visit Date: 14/10/2021 Attending Practitioner: Visit Location: FARMASI KLINIK PAKAR Rx No: FKP0002720321 Order By: See Yan Zhuang Prescriber Dept:

PHARMACY ORDER

Patient Arrived Queue Series Normal Queue No 2747 Arrival Time 14/10/2021 03:48 AM Waiting Time 1649 : 55 : 36 Collector Name Relationship Patient

Dispense At Pharmacy Counter Patient Called Call Patient Queue No. Called Time
 Current Collection Mode Normal Collection Remarks SPUB Out SPUB SPUB R1 Form Adherence Score
 Planned Collection Mode Normal Collection Witness By SPUB In (PDF) HSASPUB_00057117 MPR History
 Drug Counselling Required?

Clinic TCA No. of Days: 0 Next Collection Mode Normal Collection VAS Series No.
 Next Collection Date 20/01/2022 Total Patient: 3 Next Collection Location FARMASI KLINIK PAKAR
 Next Dispense At Pharmacy Counter

PRESCRIPTION

	Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneo	Prescriber Name	Drug Status	Co
<input type="checkbox"/>	Calcitriol 0.25mcg Capsule	0.25 mcg, OD, Oral, 150 Days	150 capsule	0 capsule	30 <input type="checkbox"/> POMs	0 capsule	30 capsule	120 capsule	Remarks	<input type="checkbox"/> Detail	<input type="checkbox"/> Detail		Prepared	

Figure 3.6.2.1-16 Dispensing

SINGLE STAGE DISPENSING

LXX XXX XXXX Mykad 5 Age 62 Years 09 Months 03 Days Gender Female M/RN HI
 Address Phone And Email Diagnosis No known Allergies
 Height cm Weight kg BMI/BSA 0/0 m² Update (Last Updated :) Nationality : Warganegara

[Demographic](#) | [Medication Profile](#) | [Pharmacist Notes](#) | [MTAC History](#) | [Monitoring Parameter](#) | [Counselling History](#) | [Other Appointment](#) | [VAS History](#)

Encounter No: 0914 Actual Visit Date: 07/01/2021 Attending Practitioner: Visit Location: FARMASI KLINIK PAKAR Rx No: FKP0002463595 Order By: Prescriber Dept: Pharmacy

PHARMACY ORDER

Patient Arrived Queue Series Normal Queue No Arrival Time Waiting Time Collector Name LXX XXX XXXX Relationship Patient

Queue No. Called Time Clinic TCA No. of Days: 0 SPUB Out SPUB SPUB R1 Form
 Dispense At Pharmacy Counter SPUB In (PDF) SPUB_00049858
 Current Collection Mode Normal Collection VAS Series No. Patient Called Call Patient
 Planned Collection Mode Telephone And Take Witness By Drug Counselling Required? Adherence Score MPR 38 History
 Remarks
 Supply Duration 13 Days

Next Collection Date Next Collection Mode Normal Collection
 Next Dispense At Pharmacy Counter Next Collection Location FARMASI KLINIK PAKAR

PRESCRIPTION

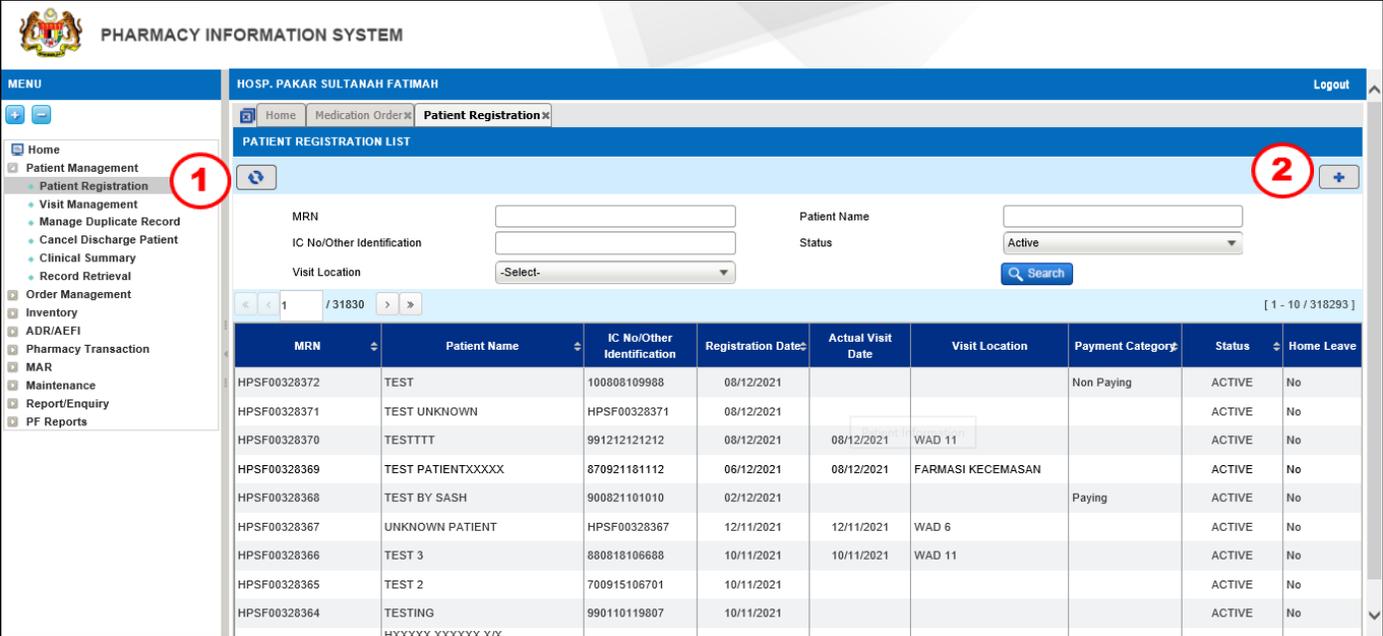
	Drug Name	Order Detail	Order Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Prev Disp Qty	Extemporaneous	Prescriber Name	Drug Status
<input type="checkbox"/>	Amlodipine 10 mg Tablet	10 mg, OM, Oral, 305 Days	305 tablet	0 <input type="checkbox"/> POMs Alternate(C)	0 tablet	0 tablet	185 tablet (13 day(s))	Remarks	<input type="checkbox"/> Detail	120 tablet (03/10/2021)	<input type="checkbox"/> Detail		Acknowledged
<input type="checkbox"/>	Atorvastatin 80 mg Tablet	40 mg, ON, Oral, 305 Days	153 tablet	0 <input type="checkbox"/> POMs Alternate(C)	0 tablet	0 tablet	93 tablet (13 day(s))	Remarks	<input type="checkbox"/> Detail	60 tablet (03/10/2021)			Acknowledged

Figure 3.6.2.1-17 Single Stage Dispensing

- User can click on the SPUB SPUB R1 Form HSLYSPUB_00011304 link to view or print back SPUB R1 form same as view in SPUB Notification list in Figure 3.6.2.1-4

3.6.2.2 SPUB In Offline

Referred facility able to receive SPUB manual prescription and enter into the system



PHARMACY INFORMATION SYSTEM

HOSP. PAKAR SULTANAH FATIMAH Logout

Home Medication Order Patient Registration

PATIENT REGISTRATION LIST

MRN: Patient Name:
 IC No/Other Identification: Status:
 Visit Location:

< 1 / 31830 >

MRN	Patient Name	IC No/Other Identification	Registration Date	Actual Visit Date	Visit Location	Payment Category	Status	Home Leave
HPSF00328372	TEST	100808109988	08/12/2021			Non Paying	ACTIVE	No
HPSF00328371	TEST UNKNOWN	HPSF00328371	08/12/2021				ACTIVE	No
HPSF00328370	TESTTTT	991212121212	08/12/2021	08/12/2021	WAD 11		ACTIVE	No
HPSF00328369	TEST PATIENTXXXXX	870921181112	06/12/2021	08/12/2021	FARMASI KECEMASAN		ACTIVE	No
HPSF00328368	TEST BY SASH	900821101010	02/12/2021			Paying	ACTIVE	No
HPSF00328367	UNKNOWN PATIENT	HPSF00328367	12/11/2021	12/11/2021	WAD 6		ACTIVE	No
HPSF00328366	TEST 3	880818106688	10/11/2021	10/11/2021	WAD 11		ACTIVE	No
HPSF00328365	TEST 2	700915106701	10/11/2021				ACTIVE	No
HPSF00328364	TESTING	990110119807	10/11/2021				ACTIVE	No

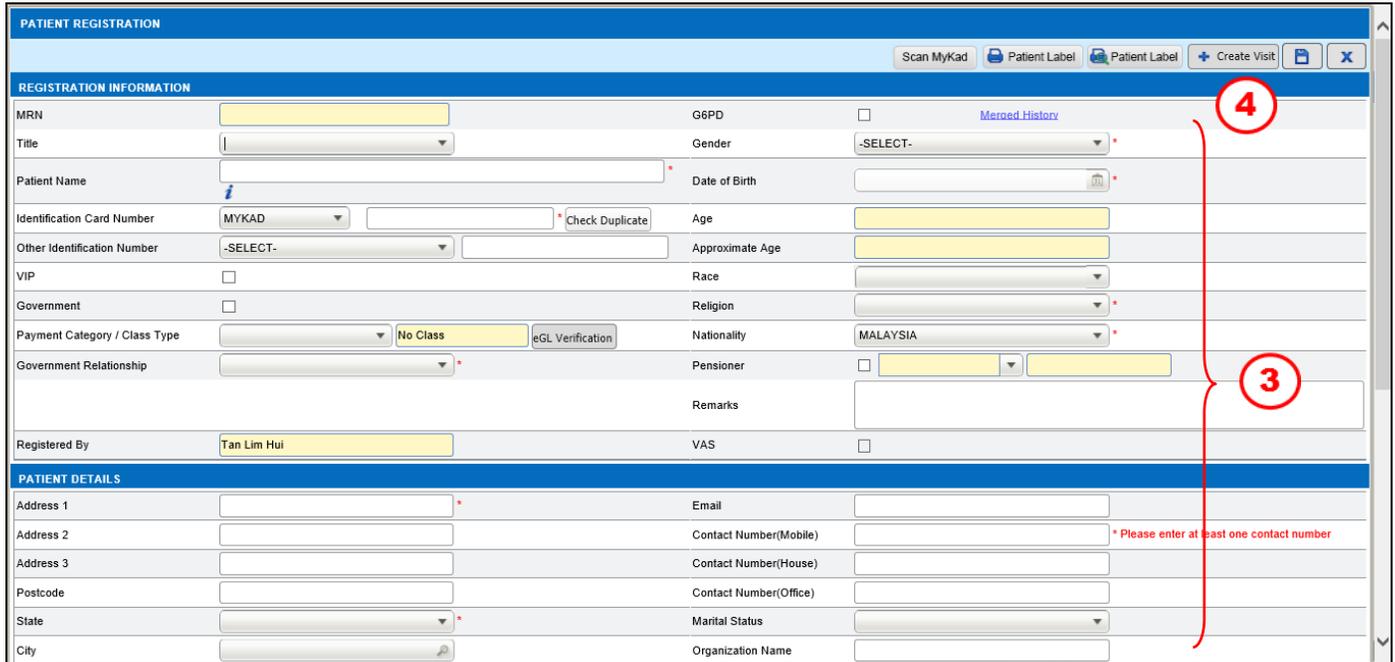
Figure 3.6.2.2-1 PhIS Home Page

STEP 1

Click on the 'Patient Management' menu and select 'Patient Registration' sub menu

STEP 2

Click on the  to register a new patient



PATIENT REGISTRATION

Scan MyKad Patient Label Patient Label + Create Visit

REGISTRATION INFORMATION

MRN [] G6PD [Merge History](#) **4**

Title [] Gender [-SELECT-] *

Patient Name [] Date of Birth [] *

Identification Card Number MYKAD [] * Check Duplicate Age []

Other Identification Number [-SELECT-] [] Approximate Age []

VIP Race []

Government Religion [] *

Payment Category / Class Type [] No Class eGL Verification Nationality MALAYSIA *

Government Relationship [] * Pensioner [] []

Remarks [] **3**

Registered By Tan Lim Hui VAS

PATIENT DETAILS

Address 1 [] * Email []

Address 2 [] Contact Number(Mobile) [] * Please enter at least one contact number

Address 3 [] Contact Number(House) []

Postcode [] Contact Number(Office) []

State [] * Marital Status []

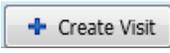
City [] Organization Name []

Figure 3.6.2.2-2 Patient Registration

STEP 3

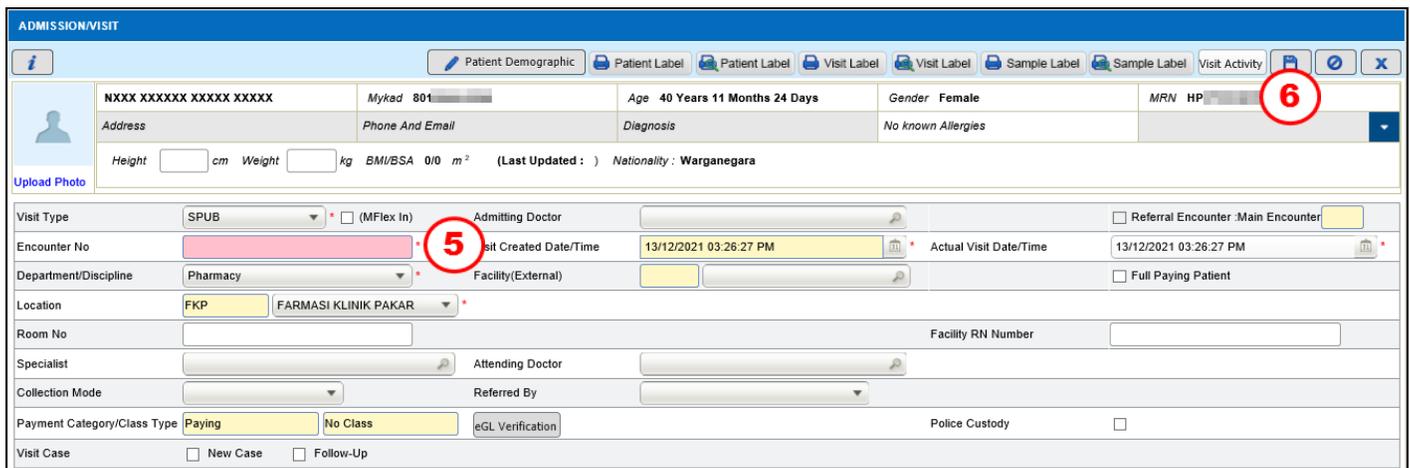
Fill all the mandatory information and the other field if necessary

STEP 4

Click on the  button to create patient visit

Note

If the patient is registered to the facility, user can skip patient registration process. User is encouraged to search the patient to avoid duplicate data.



ADMISSION/VISIT

Patient Demographic Patient Label Patient Label Visit Label Visit Label Sample Label Sample Label Visit Activity

XXXX XXXXXX XXXXX XXXXX Mykad 801 [] Age 40 Years 11 Months 24 Days Gender Female MRN HP [] **6**

Address [] Phone And Email [] Diagnosis [] No known Allergies []

Height [] cm Weight [] kg BMI/BSA 0/0 m² (Last Updated :) Nationality : Warganegara

Upload Photo

Visit Type SPUB * (MFlex In) Admitting Doctor [] Referral Encounter :Main Encounter []

Encounter No [] **5** Visit Created Date/Time 13/12/2021 03:26:27 PM Actual Visit Date/Time 13/12/2021 03:26:27 PM *

Department/Discipline Pharmacy * Facility(External) [] Full Paying Patient

Location FKP FARMASI KLINIK PAKAR *

Room No [] Facility RN Number []

Specialist [] Attending Doctor []

Collection Mode [] Referred By []

Payment Category/Class Type Paying No Class eGL Verification Police Custody

Visit Case New Case Follow-Up

Figure 3.6.2.2-3 Visit Management

STEP 5

Select **Visit Type** as ‘SPUB’, **Department** and the **Location** respectively

STEP 6

Click on the  button to save record

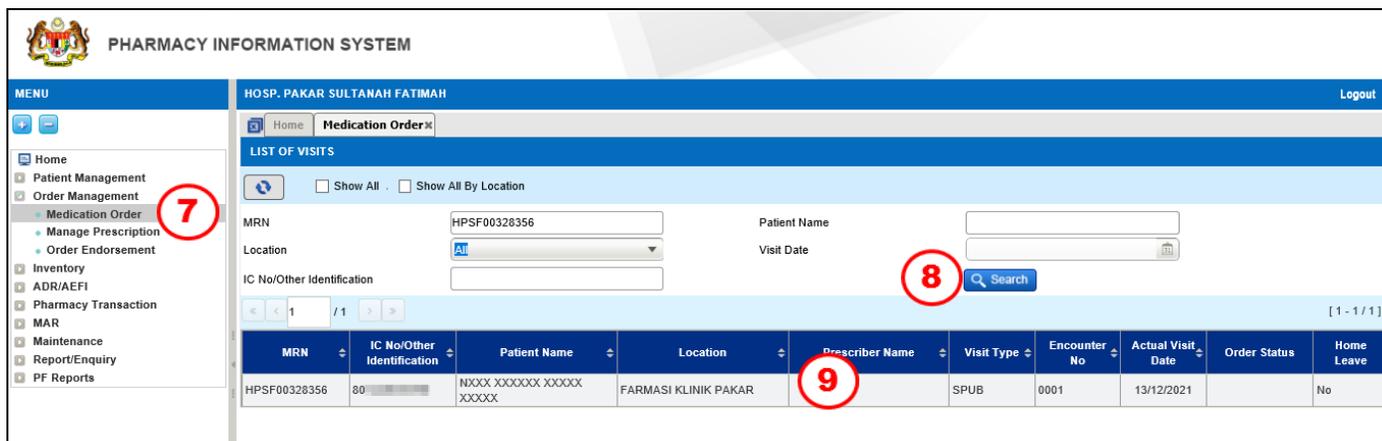


Figure 3.6.2.2-4 Medication Order

STEP 7

Click on the ‘Medication Order’ sub menu

STEP 8

Click on the  button to search the patient

Note

Various search criteria are provided as below:

No	Field	Description	Remark
a	MRN	Patient Medical Record Number	Search option: • Type the MRN either full or partial: <i>Example: HPSF00001234 or “1234”</i>
b	Location	Dispensing location. (It will list down all active location)	Able to filter and search patient record by dispensing location
c	Patient Name	Name of patient	Allow to search by patient name
d	Visit Date	<i>Example: 08/08/2016</i>	Allow to search by visit date

Table 3.6.4-1

STEP 9

Double click on the patient details



MEDICATION ORDER

XXXX XXXXXX XXXXX XXXXX Mykad 801220015766 Age 40 Years 11 Months 24 Days Gender Female MRN HPSF00328356

Address Phone And Email Diagnosis No known Allergies

Height cm Weight kg BMI/BSA 0/0 m² G6PD Update (Last Updated :) Nationality : Warganegara

Demographic | Medication Profile | Pharmacist Notes | Monitoring Parameter | Counselling History | Other Appointment | VAS History |

Encounter No: 0001 Actual Visit Date: 13/12/2021 Attending Practitioner: Visit Location: FARMASI KLINIK PAKAR Prescriber Dept.: Pensioner -SELECT- Update

VISIT RECORD

Breast Feeding Pregnant Week Original Prescriber Name Original Prescription Serial Number

NORMAL ORDER

DRUG DETAILS View Order Confirm Draft

Total Price : RM 0.00

Alert	Drug Name	Order Details	Order Qty	Drug Info
	Paracetamol 500 mg Tablet			

Drug: Paracetamol 500 mg Tablet
Dosage: 2 tablet
Admin Route: Oral
Frequency: PRN
Duration: 2 Months
Start Date / Time: 13/12/2021 3:32 PM
End Date / Time: 11/02/2022 3:32 PM
Order Quantity: 120 tablet

Advanced Search

with STAT
 Patient Own Medication
 Patient Require Counselling

Figure 3.6.2.2-4 Medication Order – SPUB Order

STEP 10

Enter the **Original Prescriber Name, Original Prescription Serial Number**, and record the drug by referring to the manual prescription

Note

User should record the balance supply medication only (Example: Order duration 3 months, 1st month already supplied by referring facility. Therefore, user will only need to record the balance left which are 2 months.



MEDICATION ORDER

XXXX XXXXXX XXXXX XXXXX Mykad 801220015766 Age 40 Years 11 Months 24 Days Gender Female MRN HPSF00328356

Address Phone And Email Diagnosis No known Allergies

Height cm Weight kg BMI/BSA 0/0 m² G6PD Update (Last Updated :) Nationality : Warganegara

Demographic | Medication Profile | Pharmacist Notes | Monitoring Parameter | Counselling History | Other Appointment | VAS History

Encounter No: 0001 Actual Visit Date: 13/12/2021 Attending Practitioner: Visit Location: FARMASI KLINIK PAKAR Prescriber Dept.: Pensioner -SELECT- Update

VISIT RECORD

Breast Feeding Pregnant Week Original Prescriber Name Original Prescription Serial Number

NORMAL ORDER 11

DRUG DETAILS 12 SPUB Form View Order Confirm Draft

Total Price : RM 12.00

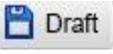
Alert	Drug Name	Order Details	Order Qty	Drug Info
1.	Paracetamol 500 mg Tablet	2 tablet, PRN, Oral Tablet, Oral, 13/12/2021 (2 Months)	120 tablet (RM 12.00)	

Drug Dosage Admin Route Frequency Duration Start Date / Time End Date / Time Order Quantity

Advanced Search Patient Own Medication Patient Require Counselling

Figure 3.6.2.2-5 Medication Order – SPUB Order

STEP 11

Click on the  to save the medication

STEP 12

Click on the  button to update SPUB information and SPUB Form will be display as Figure 3.6.2.2-6

SPUB FORM 14

XXXX XXXXXXXXXXXX XXXX XXXXXX XXXX XXXXX Mykad Age 21 Years 10 Months 21 Days Gender Female MRN

Address Phone And Email Diagnosis No known Allergies

Height cm Weight kg BMI/BSA 0/0 m² Update (Last Updated :) Nationality : Warganegara

PHARMACY ORDER

SPUB No

Referred From Hospital Kuala Lumpur Referred To Hospital Seri Manjung

Contact Person / Office Contact Person / Office

Contact no / Ext No 0176178358 13 Contact no / Ext No 056896600

Fax No 03665599825 Fax No

Next Collection Date Counselling Provided

Referral Received Date 31/10/2019

Remarks Previous SPUB Referred To

Rx No	Rx Date	Drug Name	Order Detail	Order Qty	Disp Qty	Prev Disp Qty	Bal Qty	Remarks
FPL0000824871	31/10/2019	Metformin HCl 500 mg Extended Release Tablet	500 mg, OD (once daily), Oral MR Tablet, Oral, 31/10/2019 (1 Months)	30 tablet	0 tablet	0 tablet	30 tablet	Remark
FPL0000824871	31/10/2019	Warfarin Sodium 5 mg Tablet	5 mg, PM (every evening), Oral Tablet, Oral, 31/10/2019 (1 Months)	30 mg	0 mg	0 mg	30 mg	Remark

Figure 3.6.2.2-6 SPUB Form

STEP 13

Fill in all information in the selected field

STEP 14

Click on the  button to save the SPUB form and Confirmation Message will be display

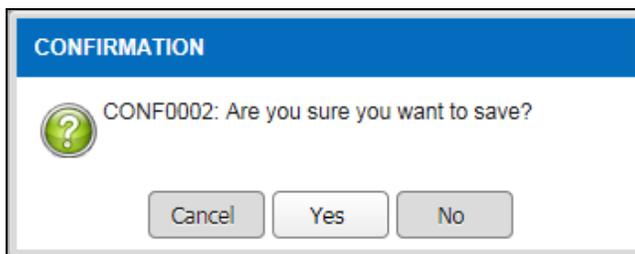
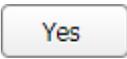


Figure 3.6.2.2-7 Confirmation Message

Note

Click on the  button to save the SPUB Form

Rx No	Rx Date	Drug Name	Order Detail	Order Qty	Disp Qty	Prev Disp Qty	Bal Qty	Remarks
FPL0000824871	31/10/2019	Metformin HCl 500 mg Extended Release Tablet	500 mg, OD (once daily), Oral MR Tablet, Oral, 31/10/2019 (1 Months)	30 tablet	0 tablet	0 tablet	30 tablet	Remark
FPL0000824871	31/10/2019	Warfarin Sodium 5 mg Tablet	5 mg, PM (every evening), Oral Tablet, Oral, 31/10/2019 (1 Months)	30 mg	0 mg	0 mg	30 mg	Remark

Figure 3.6.2.2-8 Confirmation Message

STEP 15

Click on the  button to view/print SPUB Form report (Figure 3.6.2.2-9)

STEP 16

Click on the  button to close the SPUB Form



SPUB-R1 (Pindaan 3/2009)

RUJUKAN PRESKRIPSI SPUB | KEMENTERIAN KESIHATAN MALAYSIA

(Borang ini hendaklah dikemukakan kepada fasiliti yang dirujuk melalui faks/ e-mail/ pos dalam masa 7 hari bekerja dari tarikh pesakit diberi bekalan pertama)

Fasiliti Yang Merujuk		Fasiliti dirujuk		No. Rujukan (04311/10/2019)
Negeri	: WP Kuala Lumpur	Negeri	: Perak	
Hospital	: Hospital Kuala Lumpur	Hospital	: Hospital Seri Manjung	
Nombor SPUB	: HSMSPUB_00016857			
Daerah/Bandar	: Wilayah Persekutuan	Daerah/Bandar	:	
No. Tel	: 0176176358	No. Tel	: 056896600	
No. Faks	: 03665599825	No. Faks	:	

A. Maklumat Pesakit :

Nama : NXX XXXXXXXXXXX XXXX XXXXX XXXX XXXXX
 Umur : 21 Years 10 Months 21 Days Jantina : Perempuan
 No. Kad Pengenalan : [REDACTED] No. Telefon : 123456789

B. Maklumat Preskripsi :

No. Preskripsi : FPL0000824871 Tarikh Preskripsi : 31/10/2019
 No. Siri Preskripsi : RX998765 Tarikh Akan Datang :
 Catatan:

C. Maklumat Bekalan :

Tarikh	Nama Ubat	Maklumat Ubat	Baki Kuantiti	Tempoh Bekalan	Jumlah Penuh Kuantiti	Catatan Preskripsi
31/10/2019	Metformin HCl 500 mg Extended Release Tablet	500 mg, Oral, OD	30 tablet	1 Months	30 tablet	
31/10/2019	Warfarin Sodium 5 mg Tablet	5 mg, Oral, OV	30 mg	1 Months	30 mg	

D. Kaunseling telah diberikan Ya Tidak

(Jika Ya, sila lampirkan rekod kaunseling)

Tandatangan :
 Nama : [REDACTED]
 Jawatan : Pegawai Farmasi UF48

Untuk diisi oleh Fasiliti yang menerima rujukan :

Tarikh preskripsi dibekal	Tempoh preskripsi dibekal	Tarikh bekalan akan datang	Bilangan Item/Kos ubat (keseluruhan)			
			Kategori A		Kategori lain	
			Item	Kos	Item	Kos
Jumlah keseluruhan						

Figure 3.6.2.2-9 SPUB Form

MEDICATION ORDER



Address

Phone And Email

Diagnosis

No known Allergies

Other Appointment

cm
 kg
 BMI/BSA 0/0 m²
 G6PD
 Update (Last Updated :)
 Nationality : Warganegara

[Demographic](#) | [Medication Profile](#) | [Pharmacist Notes](#) | [Monitoring Parameter](#) | [Counselling History](#) | [Other Appointment](#) | [VAS History](#)

Encounter No: 0001 Actual Visit Date: 13/12/2021
 Attending Practitioner: Visit Location: FARMASI KLINIK PAKAR
 Prescriber Dept.: Pensioner
 -SELECT- Update

VISIT RECORD

Breast Feeding
 Pregnant
 Week
 Original Prescriber Name:
 Original Prescription Serial Number:

NORMAL ORDER

DRUG DETAILS

Patient Own Medication
 Patient Require Counselling

Total Price : RM 12.00

Alert	Drug Name	Order Details	Order Qty	Drug Info
1.	Paracetamol 500 mg Tablet	2 tablet, PRN, Oral Tablet, Oral, 13/12/2021 (2 Months)	120 tablet (RM 12.00)	i

17

Figure 3.6.2.2-10 Medication Order

STEP 17

Click on the  button to confirm order

Note

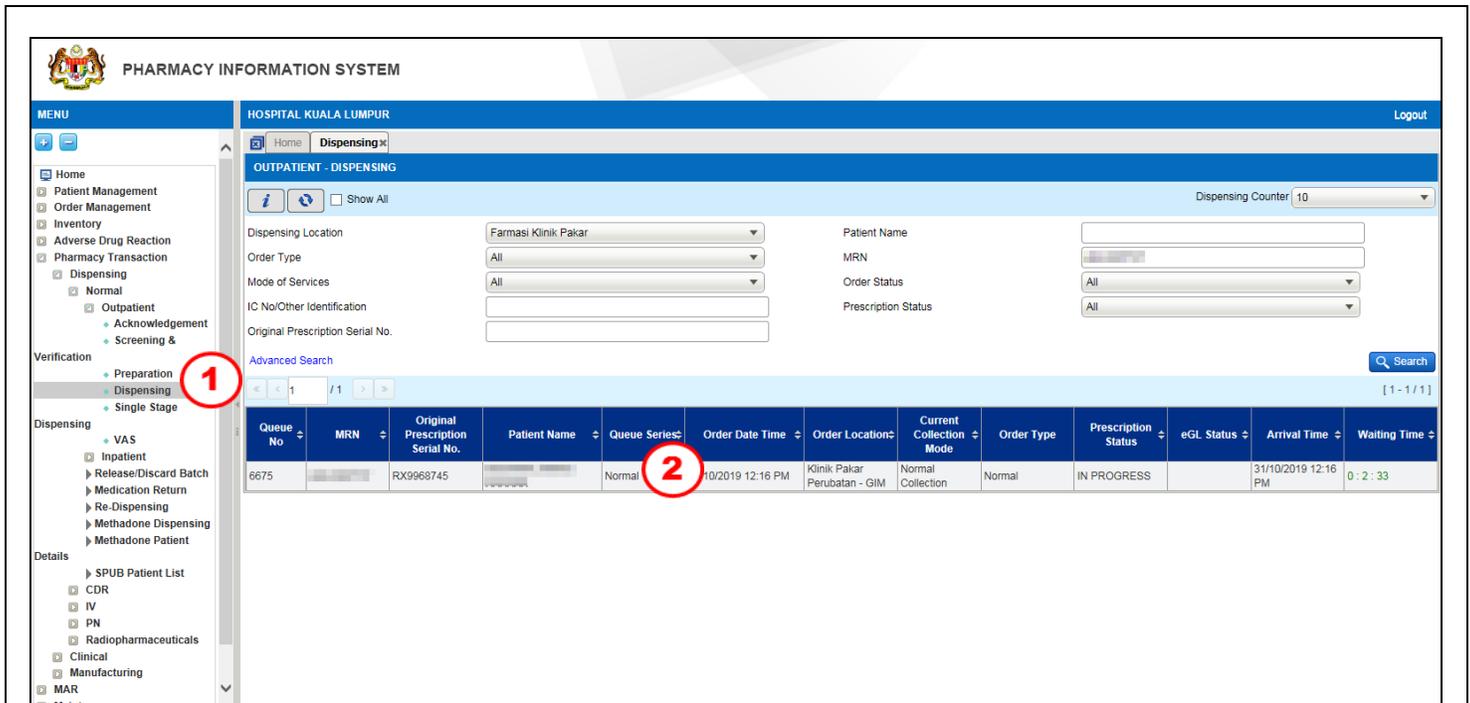
To complete the process for SPUB prescription, continue as normal dispensing process

3.7 Release / Discard Batch

This function allow user to release the allocated quantity back into inventory upon non collection by the patient(s). Drug that is not reusable will be discarded.

3.7.1 Before Patient Called

During counter check, user can amend the prescription if necessary, such as intervention, alternate and combination or extemporaneous after release/discard.



PHARMACY INFORMATION SYSTEM

HOSPITAL KUALA LUMPUR

Logout

Home Dispensing

OUTPATIENT - DISPENSING

Dispensing Counter: 10

Dispensing Location: Farmasi Klinik Pakar

Patient Name: [Empty]

Order Type: All

MRN: [Empty]

Mode of Services: All

Order Status: All

IC No/Other Identification: [Empty]

Prescription Status: All

Original Prescription Serial No.: [Empty]

Advanced Search [Search]

Queue No	MRN	Original Prescription Serial No.	Patient Name	Queue Series	Order Date Time	Order Location	Current Collection Mode	Order Type	Prescription Status	eGL Status	Arrival Time	Waiting Time
6675	[Empty]	RX9968745	[Empty]	Normal	10/2019 12:16 PM	Klinik Pakar Perubatan - GIM	Normal Collection	Normal	IN PROGRESS		31/10/2019 12:16 PM	0 : 2 : 33

Figure 3.7.1-1 Dispensing

STEP 1

Click on 'Dispensing' sub menu

Note

Search the patient

STEP 2

Double click on the selected patient record and patient detail information will be display in Figure 3.7.1-2



Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneous	Prescriber Name	Status	Complete
Metformin HCl 500 mg Extended Release Tablet	500 mg, ON, Oral, 2 Months 31/10/2019 12:15 PM - 30/12/2019 12:15 PM	60 tablet	0 tablet	30 <input type="checkbox"/> POMs	0 tablet	30 tablet (30 day(s))	30 tablet (30 day(s))	Remarks	<input type="checkbox"/> Detail		[Redacted]	Prepared	<input type="checkbox"/>
Paracetamol 500 mg Tablet	1000 mg, PRN4, Oral, 2 Months 31/10/2019 12:16 PM - 30/12/2019 12:16 PM	480 tablet	0 tablet	240 <input type="checkbox"/> POMs	0 tablet	240 tablet (30 day(s))	240 tablet (30 day(s))	Remarks	<input type="checkbox"/> Detail		[Redacted]	Prepared	<input type="checkbox"/>

Figure 3.7.1-2 Dispensing

Note

- Patient is not called
- Reserve Qty has a value
- Status is Prepared

STEP 3

Click on the button and release/Discard Batch window will displayed

MRN	Patient Name	Medication Order No	Drug Name	Prepared Qty	Preparation Date	Status	Reason for Release/Discard	Remark
<input checked="" type="checkbox"/>	SXXXXXX XXXXX XXXXXX	PCGIM0001031143	Paracetamol 500 mg Tablet	240 tablet	31/10/2019	Prepared	intervention	
<input type="checkbox"/>	SXXXXXX XXXXX XXXXXX	PCGIM0001081149	Metformin HCl 500 mg Extended Release Tablet	30 tablet	31/10/2019	Prepared		

Figure 3.7.1-3 Release/Discard Batch

STEP 4

Click on the checkbox for selected Drug

STEP 5

Select **Reason for Release/Discard**

- Change of Regimen
- Faulty Product

- Intervention
- Patient Refused
- Uncollected
- Wrong Allocation

STEP 6

Click on the button and Information Message will displayed

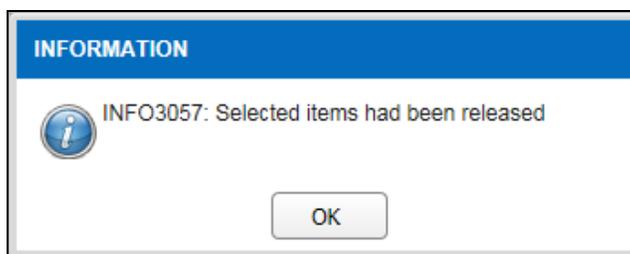


Figure 3.7.1-4 Information Message

Note

- Click on the button to confirmed release the selected drug
- The Reserve Quantity will be null [0] and the status will change from Prepared to Verified.
- As the drug status changed to Verified, user will have to go to the preparation screen to perform the intervention (for new order only) as shown in Figure 3.7.1-5

PREPARATION

SXXXXXX XXXXX XXXXXX Mykad XXXXXXXXXX Age 61 Years 11 Months 29 Days Gender Female MRN XXXXXXXXXX
 Address Phone And Email Diagnosis No known Allergies
 Height cm Weight kg BMI/BSA 00 m² (Last Updated :) Nationality : Warganegara

[Medication Profile](#) | [VAS History](#) | [Counselling History](#) | [MTAC History](#) | [Pharmacist Notes](#) | [Demographic](#) | [Monitoring Parameter](#) | [Other Appointment](#) |

Encounter No: 0003 Actual Visit Date: 31/10/2019 Attending Practitioner: Visit Location: Klinik Pakar Perubatan - GIM Rx No: PCGIM0001081149 Transcribed By: XXXXXXXXXX
 Original Prescription Serial No: RX9968745

PHARMACY ORDER

Patient Arrived Queue Series Normal Queue No 6675 Arrival Time 31/10/2019 12:16 PM Waiting Time 0:31:31 Collector Name SXXXXXX XXXXX XXXX Relationship Patient

Clinic TCA No. of Days: 0 Current Collection Mode Normal Collection
 Next Collection Date 29/11/2019 Total Patient: 1080 Next Collection Mode Normal Collection Next Dispense At Pharmacy Counter
 Supply Duration 30 Days Next Collection Location Farmasi Klinik Pakar SPUB SPUB R1 Form
 Adherence Score MPR

PRESCRIPTION

	Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneous	Prescriber Name	Status
<input type="checkbox"/>	Metformin HCl 500 mg Extended Release Tablet	500 mg, ON, Oral, 2 Months 31/10/2019 12:15 PM - 30/12/2019 12:15 PM	60 tablet	0 tablet	0 <input type="checkbox"/> POMs Alternate(C)	0 tablet	0 tablet	60 tablet (60 day(s))	Remarks	<input type="checkbox"/> Detail		XXXXXXXXXX	Verified
<input type="checkbox"/>	Paracetamol 500 mg Tablet	1000 mg, PRN4, Oral, 2 Months 31/10/2019 12:16 PM - 30/12/2019 12:16 PM	480 tablet	0 tablet	0 <input type="checkbox"/> POMs Alternate	0 tablet	0 tablet	480 tablet (60 day(s))	Remarks	<input type="checkbox"/> Detail		XXXXXXXXXX	Verified

Figure 3.7.1-5 Preparation

- User can also do other functions such as Alternate, Alternate/combo, Extemporaneous or change the Reserve Quantity.
- After intervention, proceed until dispense.

STEP 4

Select **Reason for Release/Discard**

- Change of Regimen
- Faulty Product
- Intervention
- Patient Refused
- Uncollected
- Wrong Allocation

STEP 5

Click on the button and Information Message will displayed

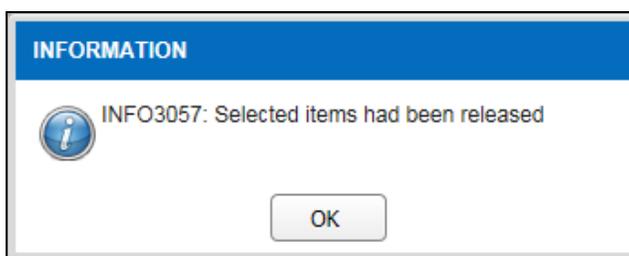


Figure 3.7.2-3 Information Message

Note

- Click on the button to confirmed release the selected drug
- The Reserve Quantity will be null [0] and the status will change from Prepared to Orderd
- As the drug status changed to Ordered, user will have to go to the Acknowledgment screen (for new order only) as shown in Figure 3.7.2-4

PHARMACY ACKNOWLEDGEMENT

Print Queue No Acknowledge

	SXXXXXX XXXXX XXXXXXX	Mykad	Age 61 Years 11 Months 29 Days	Gender Female	MRN
Address	Phone And Email	Diagnosis	No known Allergies		
Upload Photo	Height <input type="text"/> cm Weight <input type="text"/> kg BMI/BSA 0/0 m ² <input type="button" value="Update"/>	(Last Updated :) Nationality : Warganegara			

[Medication Profile](#) | [VAS History](#) | [Counselling History](#) | [MTAC History](#) | [Pharmacist Notes](#) | [Demographic](#) | [Monitoring Parameter](#) | [Other Appointment](#)

Encounter No: 0003 Actual Visit Date: 31/10/2019 Visit Location: Klinik Pakar Perubatan - GIM Rx No: PCGIM001081149 Transcribed By:

Original Prescription Serial No: RX9968745

PHARMACY ACKNOWLEDGEMENT

<input type="checkbox"/> Patient Arrived	Arrived Date: 31/10/2019	Arrived Time: 12:16 PM
Queue No: 6675	Queue Series: Normal	Dispensing Location: Farmasi Klinik Pakar
Collector Name: SXXXXXX XXXXX XXXXXXX	Relationship: Patient	<input type="checkbox"/> SPUB

PRESCRIPTIONS

Drug Name	Dosage Form	Drug Route	Dose	Frequency	Duration	Order Qty	Dispensed Qty	Balance	Start Date / Time	End Date / Time	Status	Remarks
Metformin HCl 500 mg Extended Release Tablet	Oral MR Tablet	Oral	500 mg	ON	2 Months	60 tablet	0	30 tablet	31/10/2019 12:15:55 PM	30/12/2019 12:15:55 PM	Uncollected	Remark
Paracetamol 500 mg Tablet	Oral Tablet	Oral	1000 mg	PRN4	2 Months	480 tablet	0	480 tablet	31/10/2019 12:16:17 PM	30/12/2019 12:16:17 PM	Ordered	Remark

Figure 3.7.2-4 Pharmacy Acknowledgement

3.7.3 Release/Discard Batch (Menu)

User can also do Release/Discard function from Release/Discard Batch sub-menu.

Figure 3.7.3-1 Release/Discard Batch

STEP 1

Click on 'Release/Discard Batch' sub menu

Note

Various search criteria are provided as below:

No	Field	Description	Remark
a	MRN	Patient Medical Record Number	Search option: • Type the MRN either full or partial: <i>Example: HPSF00001234 or "1234"</i>
b	Patient Name	Patient name	Able to filter by patient name
c	IC No/Other Identification	Identification Card	Example: 57083104321
d	Drug Name	Drug Name	Example: <i>Tramadol</i> or <i>"Tram"</i>
e	Dispense Location	Dispensing location. (It will list down all active location)	Able to filter and search patient name by dispensing location
f	Preparation Date From	The date of the drug being prepared	Example: 21/06/2017
g	Preparation Date To	The date of the drug being prepared	Example: 21/06/2017

Table 3.7.3-1

STEP 2

Click on the button to search the patient

Note

Click on the Search History button to view the history of previous transactions as Figure 3.7.3-2

PHARMACY INFORMATION SYSTEM

HOSPITAL KUALA LUMPUR

Home | Release/Discard Batch

RELEASE/DISCARD BATCH

MRN: Patient Name:

IC No/Other Identification: Drug Name:

Dispense Location: Farnasi Klinik Pakar

Preparation Date From: Preparation Date To:

Search Search History

History Record(s) [1 - 10 / 414]

MRN	Patient Name	Medication Order No	Drug Name	Preparation Date	Status	Reason for Release/Discard	Remark
MXXXX XXXXX XXXXX		PCGIM0000000008	Atorvastatin 20 mg Tablet	04/05/2016	ORDERED	Wrong Allocation	
MXXXX XXXXX XXXXX		PCGIM0000000008	Perindopril 4 mg Tablet	04/05/2016	ORDERED	Wrong Allocation	
MXXXX XXXXX XXXXX		PCGIM0000000008	Ticlopidine HCl 250 mg Tablet	04/05/2016	ORDERED	Wrong Allocation	
MXXXX XXXXX XXXXX		PCGIM0000000008	Amlodipine 10 mg Tablet	04/05/2016	ORDERED	Wrong Allocation	
MXXXX XXXXX XXXXX		PCGIM0000000008	Bisoprolol Fumarate 2.5 mg Tablet	04/05/2016	ORDERED	Wrong Allocation	
MXXXX XXXXX XXXXX		PCGIM0000000008	Insulin regular/isophane (Insuman	04/05/2016	ORDERED	Wrong Allocation	

Figure 3.7.3-2 Release/Discard Batch History

PHARMACY INFORMATION SYSTEM

HOSPITAL KUALA LUMPUR

Home | Release/Discard Batch

RELEASE/DISCARD BATCH

MRN: Patient Name:

IC No/Other Identification: Drug Name:

Dispense Location: Farnasi Klinik Pakar

Preparation Date From: Preparation Date To:

Search Search History

New Record(s) [1 - 10 / 4290]

MRN	Patient Name	Medication Order No	Drug Name	Prepared Qty	Preparation Date	Status	Reason for Release/Discard	Remark
TXXX XX XXXX		KORTHO0000002635	Calcium Lactate 300mg Tablet	0 tablet	23/05/2016	Prep	Intervention	
TXXXXXXXXX XXXX XXXX XX XXXXX XXXXX		KNEFRO2000003766	Afacalcidol 0.25mcg Capsule	0 capsule	27/05/2016	Prepared/Hold	Intervention	
TXXXXXX		PCGIM0000004855	Paracetamol 500 mg Tablet	0 tablet	26/05/2016	Prepared		
AXXX XXXXXXXXXXXXX		KORTHO0000005436	Calcium Lactate 300mg Tablet	0 tablet	30/05/2016	Prepared/Hold		
AXXX XXXXXXXXXXXXX		KORTHO0000005436	Calcitriol 0.25mcg Capsule	0 capsule	30/05/2016	Prepared/Hold		
AXXX XXXXXXXXXXXXX		KORTHO0000005436	Mecobalamin 500 mcg Tablet	0 tablet	30/05/2016	Prepared/Hold		

Figure 3.7.3-3 Release/Discard Batch

STEP 3

Select check box of the selected drug

Note

- User is allowed to select multiple Drug to release
- Enter **Remarks** if required

STEP 4

Select **Reason for Release/Discard**

- Change of Regimen
- Faulty Product
- Intervention
- Patient Refused
- Uncollected
- Wrong Allocation

STEP 5

Click on the  button to proceed the release/discard process

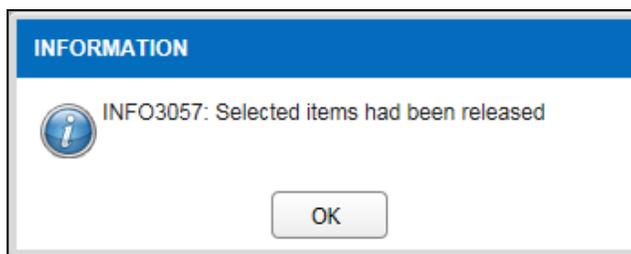


Figure 3.7.3-4 Information Message

Note

- Click on the  button to confirmed release the selected drug
- Drug with status *Prepared* or *Prepared/Hold*, after release status will change to *Verified*
- Drug with status *Uncollected*, after release status will change to *Ordered*

3.8 Medication Return

This function will allow user to record the returned medication from the patient or units into the system. This functionality enable user to track the transaction record and able to manage the stock in proper way.

PHARMACY INFORMATION SYSTEM

HOSPITAL KUALA LUMPUR

Logout

Home Medication Return

MEDICATION RETURN

Show All

Patient Name: Patient MRN:

Medication Return No: IC No/Other Identification:

Date Return: Drug Name:

1 / 106

Return No	MRN	Patient Name	IC No/Other Identification	Encounter No	Status	Drug Name	Dispensing Date	Requested By
0101/2019		TXXX XXXX XXXX	891118145937	1767	Confirmed	Diazepam 5 mg Rectal Solution		
0063/2019		LXXXXX XXXXX	690925106677	0202	Confirmed	Clonazepam 0.5 mg Tablet		
0119/2016		LXXX XXXX XXXXX	641018055502	0482	Confirmed	Alprazolam 0.25 mg Tablet		
0066/2019		TXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXXXXX XXXX	340624025072	1598	Confirmed	Lorazepam 1 mg Tablet		
0902/2018		XXXX XXXX XXXX	591108106833	0874	Confirmed	Clonazepam 0.5 mg Tablet		
0559/2017		GXXX XXXX XXXX	700307075048	0274	Confirmed	Clonazepam 0.5 mg Tablet		
0284/2019		HXXXX XXXX XXXX	580714105810	0167	Confirmed	Clonazepam 0.5 mg Tablet		
1256/2018		HXX XXXX XXXX	690923065138	0976	Confirmed	Alprazolam 0.5 mg Tablet		
1202/2018		HXX XXXX XXXX	690923065138	0976	Confirmed	Alprazolam 0.5 mg Tablet		
0116/2019		LXXX XXXXXXXXXXXX XXX XXXXXXX	850424035313	1913	Confirmed	Clonazepam 0.5 mg Tablet		

Figure 3.8-1 Medication Return

STEP 1

Click on 'Medication Return' sub menu

Note

Various search criteria are provided as below:

No	Field	Description	Remark
a	Patient Name	Patient Name	Able to filter by patient's name
b	Patient MRN	Patient Medical Record Number	Search option: • Type the MRN either full or partial: <i>Example: HPSF00001234 or "1234"</i>
c	Medication Return No	Medication Return No	Return no: <i>Example: 0010/2016</i>
d	IC No/Other Identification	IC No/Other Identification	Patient's IC No: xxxxxxxxxxxx
e	Date Return	Search for Return date	Search date
f	Drug Name	Search Drug Name	Able to filter by Drug Name

Table 3.8-1

STEP 2

Click on the button to search the patient

STEP 3

Click on the button to add new patient record

MEDICATION RETURN

Request No: 0079/2019 Patient MRN: [Search Field]

Status: Draft

Remarks: [Text Area]

MEDICATION RETURN DRUGS

Dispense No: [Field] / 1

Patient Visit Search

Patient MRN: [Field] Patient Name: [Field]

[Search] [Refresh]

[1 - 10 / 993848]

Patient MRN	Patient Name	Visit No	Visit Date	Visit Location	Bed No
XXXXXXXX	XXXXXXXX	0011	31/10/2019 11:44:26 AM	MOPD	
XXXX XXXX	XXXX	0010	31/10/2019 11:27:49 AM	MOPD	
MXX XXXX	XXXX	0009	31/10/2019 11:27:38 AM	MOPD	
HXXX XXXX	XXXX	0008	31/10/2019 11:27:17 AM	MOPD	
FXX XXXX	XXXX	0007	31/10/2019 11:26:51 AM	MOPD	

Return Qty: [Field]

Figure 3.8-2 Medication Return

STEP 4

Click on the button to search the patient

Note

Various search criteria are provided such as Patient MRN and Patient Name. Click button to search

STEP 5

Double click on the selected patient's details

MEDICATION RETURN

Mykad: [Field] Age: 21 Years 11 Months 17 Days Gender: Male MRN: [Field]

Address: [Field] Phone And Email: [Field] Diagnosis: [Field] No known Allergies

Height: [Field] cm Weight: [Field] kg BMI/BSA: 0/0 m² Update (Last Updated:) Nationality: Warganegara

Encounter No: 0011 Actual Visit Date: 31/10/2019 Attending Practitioner: [Field] Visit Location: MOPD

Request No: 0079/2019 Patient MRN: [Field]

Status: Draft

Remarks: [Text Area]

MEDICATION RETURN DRUGS

Dispense No: [Field] / 1

Dispense No	Drug Name	Dispensed Qty	Requested Return Qty	Return Qty
No Record Found				

Figure 3.8-3 Medication Return

STEP 6

Click on the  button to add drug to medication return list

MEDICATION RETURN DRUG

i




RETURN DRUG

Dispense No *	072118_00080 7	Drug Name *	Cephalexin Monohydra 9
Reason *	Patient Refused 8	Request Return Qty	30 cap *
		Previous Dispense Qty	30 cap

RECEIVE RETURN QUANTITY

Return Qty	20 cap *	Batch No	5000703 *
Discard Qty	10 *	Batch Expiry Date	30/11/2020 *

Figure 3.8-4 Medication Return Drug

STEP 7

Select **Dispense No** from dropdown menu

STEP 8

Select **Reason** for return the drugs as below:

- Change of Regimen
- Excess Supply
- Patient Deceased
- Patient Discharged
- Patient Refused
- Uncollected Medication

STEP 9

Click on the **Drug Name**  button to search drug and Search Drug window will displayed

Search Drug

Drug Code
 Search
 

Drug Name

<
< 1 / 1 >
>

Drug Code	Drug Name	Order Detail
B05CB10955M40 01XX	Sodium Bicarbonate, Citric Acid, Sodium Citrate, Tartaric Acid 4g/sachet	1 sachet TID, Oral, 7 Days 21/07/2018 08:12 AM - 28/07/2018 08:12 AM
J01DB01010C100 1XX	Cephalexin Monohydrate 250mg Capsule	1000 mg TID, Oral, 5 Days 21/07/2018 08:12 AM - 26/07/2018 08:12 AM 10
N02BE01000T100 1XX	Paracetamol 500 mg Tablet	1000 mg PRN3, Oral, 7 Days 21/07/2018 08:12 AM - 28/07/2018 08:12 AM

Figure 3.8-5 Search Drug

STEP 10

Double click on the selected Drug

MEDICATION RETURN DRUG			
14			
RETURN DRUG			
Dispense No	072118_00080	Drug Name	Cephalexin Monohydra
Reason	Patient Refused	Request Return Qty	30 cap
		Previous Dispense Qty	30 cap
RECEIVE RETURN QUANTITY			
Return Qty	20 cap	Batch No	5000703
Discard Qty	10	Batch Expiry Date	30/11/2020

Figure 3.8-6 Medication Return Drug

Note

Once select the drug, system will display **Previous Dispense Qty**

STEP 11

Enter **Request Return Qty**

Note

Request Return Qty cannot more than **Previous Dispense Qty**

STEP 12

Enter **Return Qty**

Note

- **Return Qty** cannot more than **Request Return Qty**
- if **Return Qty** less than **Request Return Qty**, **Discard Qty** will be automatically calculate variants between **Request Return Qty** and **Return Qty**

STEP 13

Select **Batch No** from dropdown menu

Note

- For patient record dispense by UMP Method, **UMP Defect Type** will be enable as figure 3.8-7

MEDICATION RETURN DRUG			
14			
RETURN DRUG			
Dispense No	070919_00001	Drug Name	Loratadine 10 mg Tabl
Reason	Excess Supply	Request Return Qty	30 tab
UMP Defect Type	Return By Patient	Previous Dispense Qty	30 tab
RECEIVE RETURN QUANTITY			
Return Qty	30 tab	Batch No	1807056
Discard Qty	0	Batch Expiry Date	31/07/2022

Figure 3.8-7 Medication Return Drug

- Select **UMP Defect Type** from dropdown menu
 - **Return By Patient**
 - **Return By Poslaju**

STEP 14

Click on the  button to save the transaction and Confirmation Message will display

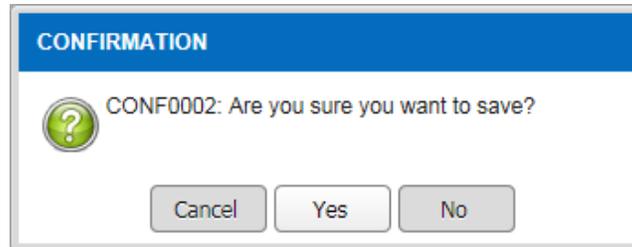


Figure 3.8-8 Confirmation Message

Note

Click on the  button to save the transaction

MEDICATION RETURN

 Submit Confirm 

	MXXXXXXXX XXXXX XXXXX XXX XXXX XXXX	Mykad 	Age 21 Years 11 Months 17 Days	Gender Male	MRN 
Address		Phone And Email		Diagnosis	
No known Allergies					

Upload Photo
Height cm Weight kg BMI/BSA 0/0 m² Update (Last Updated :) Nationality : Warganegara

[Medication Profile |](#)

Encounter No: 0011 Actual Visit Date: 31/10/2019 Attending Practitioner: Visit Location: MOPD

Request No: Patient MRN: 

Status: 

Remarks:

MEDICATION RETURN DRUGS


[1 - 1 / 1]

Dispense No	Drug Name	Dispensed Qty	Requested Return Qty	Return Qty
072118_00080	Cephalexin Monohydrate 250mg Capsule	30	30	20

Figure 3.8-9 Medication Return

Note

- To add more drug into the list, repeat from **STEP 6** to **STEP 14**
- User is allowed to edit Medication Return Drug by double click on the drug list and Medication Return Drug screen will display as shown in Figure 3.8-10

MEDICATION RETURN DRUG			
<div style="display: flex; justify-content: space-between; align-items: center;">      </div>			
RETURN DRUG			
Dispense No	072118_00080	Drug Name	Cephalexin Monohydrate
Reason	Patient Refused	Request Return Qty	30 pck
		Previous Dispense Qty	30 pck
RECEIVE RETURN QUANTITY			
Return Qty	20 pck	Batch No	5000703
Discard Qty	10	Batch Expiry Date	30/11/2020

Figure 3.8-10 Medication Return Drug

- Click on the  button to modify or click on the  button to delete the record
- User is allowed to modify **Return Qty** and **Batch No**

MEDICATION RETURN					
<div style="display: flex; justify-content: space-between; align-items: center;">  Submit Confirm 15  </div>					
	MXXXXXXXX XXXXX XXXXX XXX XXXX XXXX	Mykad 	Age 21 Years 11 Months 17 Days	Gender Male	MRN 
Address	Phone And Email	Diagnosis	No known Allergies		
Upload Photo	Height <input type="text"/> cm Weight <input type="text"/> kg BMI/BSA 0/0 m ²	Update (Last Updated :)	Nationality : Warganegara		
Medication Profile 					
Encounter No: 0011 Actual Visit Date: 31/10/2019 Attending Practitioner: Visit Location: MOPD					
Request No	0082/2019	Patient MRN 			
Status	Requested				
Remarks	<input type="text"/>				
MEDICATION RETURN DRUGS					
+					
					[1 - 1 / 1]
Dispense No	Drug Name	Dispensed Qty	Requested Return Qty	Return Qty	
072118_00080	Cephalexin Monohydrate 250mg Capsule	30	30	20	

Figure 3.8-11 Medication Return

STEP 15

Click on the  button to confirm the transaction and Confirmation Message will be displayed

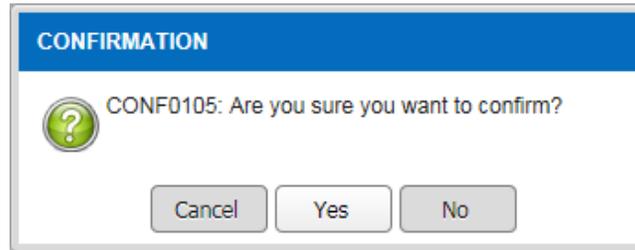


Figure 3.8-12 Confirmation Message

Note

- Click on the  button and Information Message will display as Figure 3.8-13

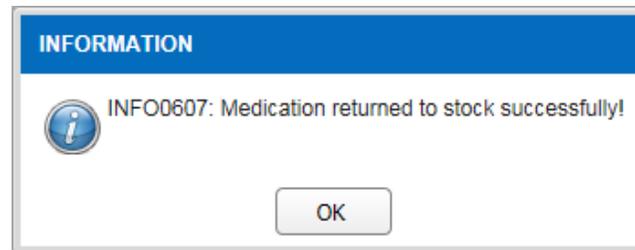


Figure 3.8-13 Information Message

- Click on the  button to return the stock into inventory

3.9 Re-Dispensing

This function will allow user to view re-dispense medication record.

PHARMACY INFORMATION SYSTEM

HOSPITAL SERI MANJUNG Logout

Home **Re-Dispensing**

RE-DISPENSE LIST

Search Patient

Patient Name Dispense Date

MRN IC No/Other Identification

MRN	Patient Name	IC No/Other Identification	Re-Dispense No	Dispense No	Re-Dispense Date	Status
AXXXXX XXX XXXXX		780527025707	RD251019_00004	102519_00002	25/10/2019	Draft
CXXXX XXXXX XXXX		730326085601	RD010815_00002	070615_00189	24/10/2019	Draft
UXXXXX XX XXXXXX		550304086218	RD241019_00003	102419_00004	24/10/2019	Draft
MXXXXX XXXXXXXX XX XXXXXXXX		530613085835	RD141019_00009	041717_00696	14/10/2019	Dispensed
WXX XXXXXXXX XXXXXXX XXXX XXXX XXXXXX		140922080882	RD141019_00008	081716_05341	14/10/2019	Draft
RXXXXX XX XXXXX XXXX		660901085202	RD111019_00002	101119_00008	11/10/2019	Dispensed
MXXXXXXXX XXXXXXX XXX XXXX		560114106109	RD050819_00001	080519_00001	05/08/2019	Dispensed
MXXXXX XXX XXXXXXX		540110085971	RD020819_00012	080119_00001	02/08/2019	Dispensed
MXXXXX XXX XXXXXXX		540110085971	RD020819_00011	080119_00001	02/08/2019	Dispensed
MXXXXXXXX XXXXX XXX XXXXX		950424086223	RD020819_00010	080219_00001	02/08/2019	Dispensed

Figure 3.9-1 Re-Dispensing

STEP 1

Click on 'Re-Dispensing' sub menu

Note

Various search criteria are provided as below:

No	Field	Description	Remark
a	Patient Name	Patient Name	Able to filter by patient's name
b	MRN	Patient Medical Record Number	Search option: • Type the MRN either full or partial: <i>Example: HPSF00001234 or "1234"</i>
c	Dispense Date	Re-Dispense Date	Able to trace back previous re-dispense record
d	IC No/Other Identification	ID Number	Patient's IC No: xxxxxxxxxxxx

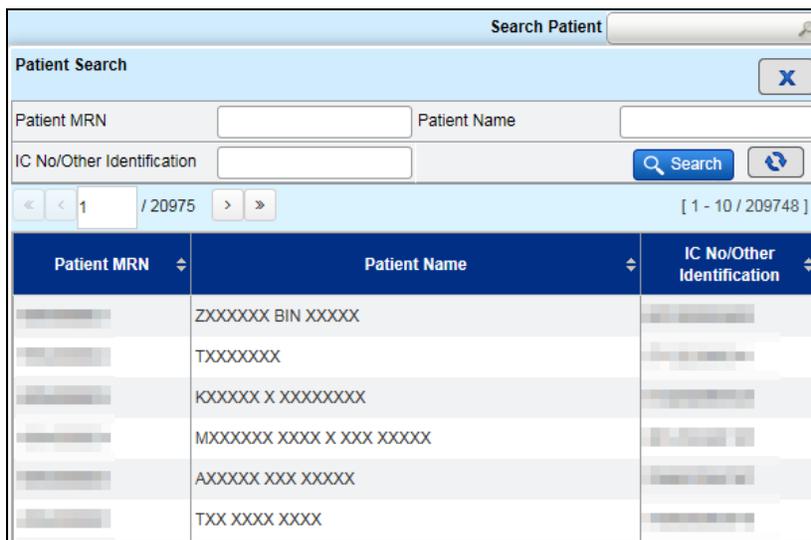
Table 3.9-1

STEP 2

Click on the button to search the patient

STEP 3

Click on the **Search Patient** button and Patient Search window will display



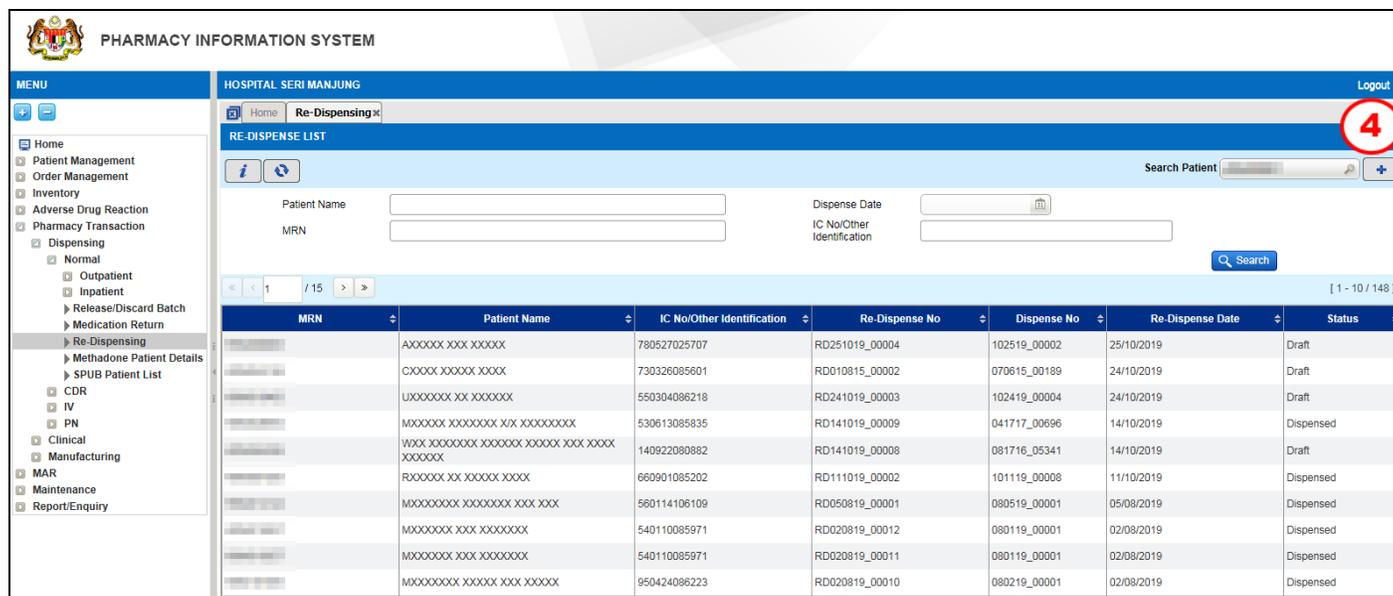
The screenshot shows a 'Search Patient' window with the following fields: Patient MRN, Patient Name, and IC No/Other Identification. A 'Search' button is located to the right of the IC No/Other Identification field. Below the search fields, there are navigation arrows and a page indicator showing '1 / 20975' and '[1 - 10 / 209748]'. The main area contains a table with three columns: Patient MRN, Patient Name, and IC No/Other Identification. The table lists several patients with their respective MRN, Name, and IC No/Other Identification.

Patient MRN	Patient Name	IC No/Other Identification
[REDACTED]	ZXXXXXX BIN XXXXX	[REDACTED]
[REDACTED]	TXXXXXX	[REDACTED]
[REDACTED]	KXXXXX X XXXXXXXX	[REDACTED]
[REDACTED]	MXXXXXX XXXX X XXX XXXXX	[REDACTED]
[REDACTED]	AXXXXX XXX XXXXX	[REDACTED]
[REDACTED]	TXX XXXX XXXX	[REDACTED]

Figure 3.9-2 Patient Search

Note

- User is allowed to enter Patient MRN or/and Patient Name or/and IC No/Other Identification and click on the button
- Double click on the selected patient



The screenshot shows the 'PHARMACY INFORMATION SYSTEM' interface. The main window is titled 'RE-DISPENSE LIST' and includes a search bar and a table of re-dispense records. A red circle with the number '4' highlights a '+' button in the top right corner of the search area. The table has columns for MRN, Patient Name, IC No/Other Identification, Re-Dispense No, Dispense No, Re-Dispense Date, and Status.

MRN	Patient Name	IC No/Other Identification	Re-Dispense No	Dispense No	Re-Dispense Date	Status
[REDACTED]	AXXXXX XXX XXXXX	780527025707	RD251019_00004	102519_00002	25/10/2019	Draft
[REDACTED]	CXXXX XXXXX XXXXX	730326085601	RD010815_00002	070615_00189	24/10/2019	Draft
[REDACTED]	UXXXXXX XX XXXXXXX	550304086218	RD241019_00003	102419_00004	24/10/2019	Draft
[REDACTED]	MXXXXX XXXXXXXX XXX XXXXXXXX	530613085835	RD141019_00009	041717_00696	14/10/2019	Dispensed
[REDACTED]	WXX XXXXXXXX XXXXXXX XXXX XXXX XXXXXXX	140922080882	RD141019_00008	081716_05341	14/10/2019	Draft
[REDACTED]	RXXXXX XX XXXXX XXXX	660901085202	RD111019_00002	101119_00008	11/10/2019	Dispensed
[REDACTED]	MXXXXXXX XXXXXXX XXX XXX	560114106109	RD050819_00001	080519_00001	05/08/2019	Dispensed
[REDACTED]	MXXXXXX XXX XXXXXXX	540110085971	RD020819_00012	080119_00001	02/08/2019	Dispensed
[REDACTED]	MXXXXXX XXX XXXXXXX	540110085971	RD020819_00011	080119_00001	02/08/2019	Dispensed
[REDACTED]	MXXXXXX XXXXX XXX XXXXX	950424086223	RD020819_00010	080219_00001	02/08/2019	Dispensed

Figure 3.9-3 Re-Dispensing

STEP 4

Click on the  button and Re Dispensing screen will be display as Figure 3.9-5

Note

- If selected patient do not have active medication, information message will display as Figure 3.9-4

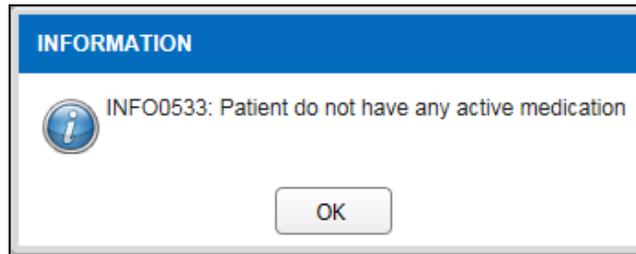
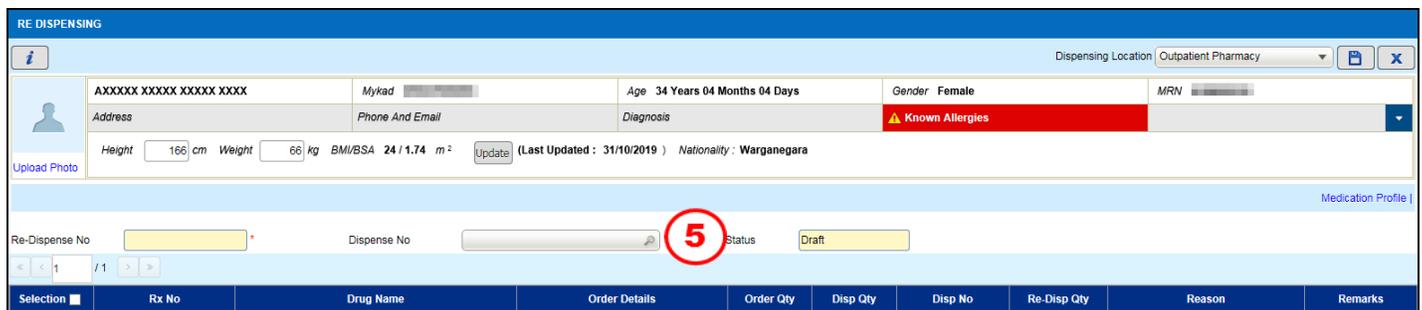


Figure 3.9-4 Information Message

- Click on the  button



RE DISPENSING

Dispersing Location: Outpatient Pharmacy

XXXXXXXX XXXXXX XXXXXX XXXX Mykad: [redacted] Age: 34 Years 04 Months 04 Days Gender: Female MRN: [redacted]

Address: [redacted] Phone And Email: [redacted] Diagnosis: [redacted] **Known Allergies**

Height: 166 cm Weight: 66 kg BMI/BSA: 24 / 1.74 m² (Last Updated: 31/10/2019) Nationality: Warganegara

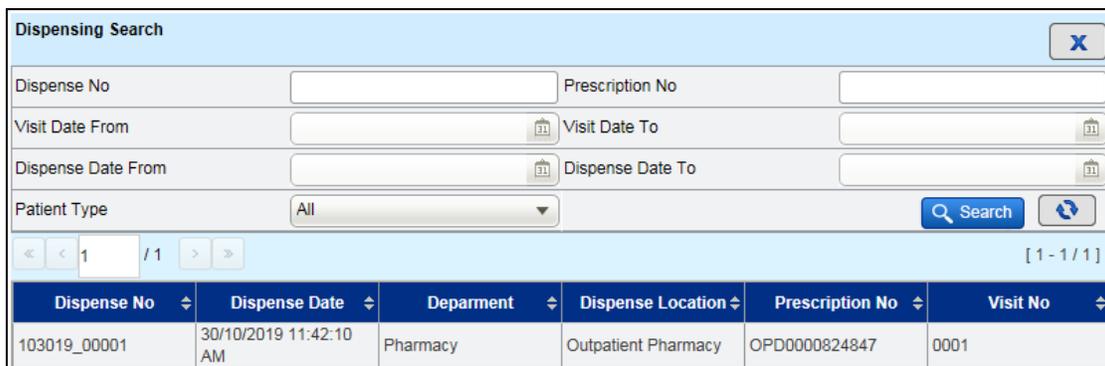
Re-Dispense No: [input] Dispense No: [input] **5** Status: Draft

Selection	Rx No	Drug Name	Order Details	Order Qty	Disp Qty	Disp No	Re-Disp Qty	Reason	Remarks
-----------	-------	-----------	---------------	-----------	----------	---------	-------------	--------	---------

Figure 3.9-5 Re Dispensing

STEP 5

Click on the **Dispense No**  button and Dispensing Search window will display as Figure 3.9-6



Dispensing Search

Dispense No: [input] Prescription No: [input]

Visit Date From: [input] Visit Date To: [input]

Dispense Date From: [input] Dispense Date To: [input]

Patient Type: All

Search [input] [refresh]

[1 - 1 / 1]

Dispense No	Dispense Date	Department	Dispense Location	Prescription No	Visit No
103019_00001	30/10/2019 11:42:10 AM	Pharmacy	Outpatient Pharmacy	OPD0000824847	0001

Figure 3.9-6 Dispensing Search

Note

- Search Patient by:
 - Dispense No
 - Prescription No
 - Visit Date From
 - Visit Date To
 - Dispense Date From
 - Dispense Date To
 - Patient Type

- Click on the button and double click on the *Dispense No* selected

RE DISPENSING

Dispersing Location: Outpatient Pharmacy

Mykad: XXXXX XXXXX XXXXX XXXX | Age: 34 Years 04 Months 04 Days | Gender: Female | MRN: XXXXX

Address: XXXXX XXXXX XXXXX XXXX | Phone And Email: XXXXX XXXXX XXXXX XXXX | Diagnosis: XXXXX XXXXX XXXXX XXXX | **Known Allergies**

Height: 166 cm | Weight: 66 kg | BMI/BSA: 24 / 1.74 m² | Update (Last Updated: 31/10/2019) | Nationality: Warganegara

Rx No: RD311019_00002 | Dispense No: 103019_00001 | Status: Draft

Selection	Rx No	Drug Name	Order Details	Order Qty	Disp Qty	Disp No	Re-Disp Qty	Reason	Remarks
<input checked="" type="checkbox"/>	OPD0000824847	Metformin HCl 500 mg Tablet	500 mg, BID, 2 Months	120 tablet	60 tab	103019_00001	0		Remarks

Figure 3.9-7 Re Dispensing

STEP 6

Selection

Click on the checkbox for the selected Drug

STEP 7

Click on the *Re-Disp Qty* [0](#) hyperlink and Item Batch Details screen will be display as Figure 3.9-8

ITEM BATCH DETAILS

Drug Code: A10BA02110T1001XX | Default SKU: tablet

Drug Name: Metformin HCl 500 mg Tablet | Dispense UOM: tab

BATCH DETAIL

Batch No	Expiry Date	Available Qty	UOM Qty	Allocated Qty
33233	31/08/2020	199792	60 x	60
Total Available Qty		199792	Total Allocated Qty	
			60	

Figure 3.9-8 Item Batch Details

STEP 8

Enter *UOM Qty*

Note

UOM Qty cannot more than Disp Qty

STEP 9

Click on the button to save the record

RE DISPENSING

Dispensing Location: Outpatient Pharmacy | Edit Label | Re-Dispense

Mykad: AXXXXX XXXXX XXXXX XXXX | Age: 34 Years 04 Months 04 Days | Gender: Female | MRN: [REDACTED]

Address: [REDACTED] | Phone And Email: [REDACTED] | Diagnosis: [REDACTED] | **Known Allergies**

Height: 166 cm | Weight: 66 kg | BMI/BSA: 24 / 1.74 m² | Update (Last Updated: 31/10/2019) | Nationality: Warganegara

Re-Dispense No: RD311019_00002 | Dispense No: 103019_00001 | Status: Draft

Selection	Rx No	Drug Name	Order Details	Order Qty	Disp Qty	Disp No	Re-Disp Qty	Reason	Remarks
<input checked="" type="checkbox"/>	OPD0000824847	Metformin HCl 500 mg Tablet	500 mg, BID, 2 Months	120 tablet	60 tab	103019_00001	60	Lost	Remarks

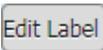
Figure 3.9-9 Re Dispensing

STEP 10

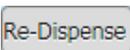
Select **Reason** from dropdown menu

- Spilled
- Broken
- Lost
- Others

Note

User is allowed to print Drug Label by either to click on the  button to preview or click on the  button to direct printing drug label

STEP 11

Click on the  button and Information Message will be display as Figure 3.9-10

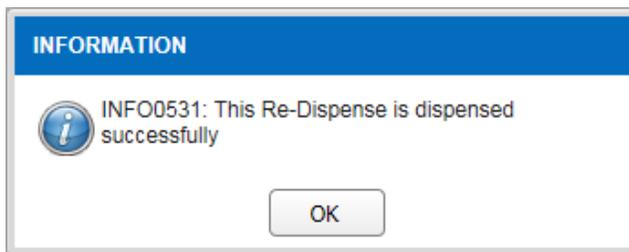


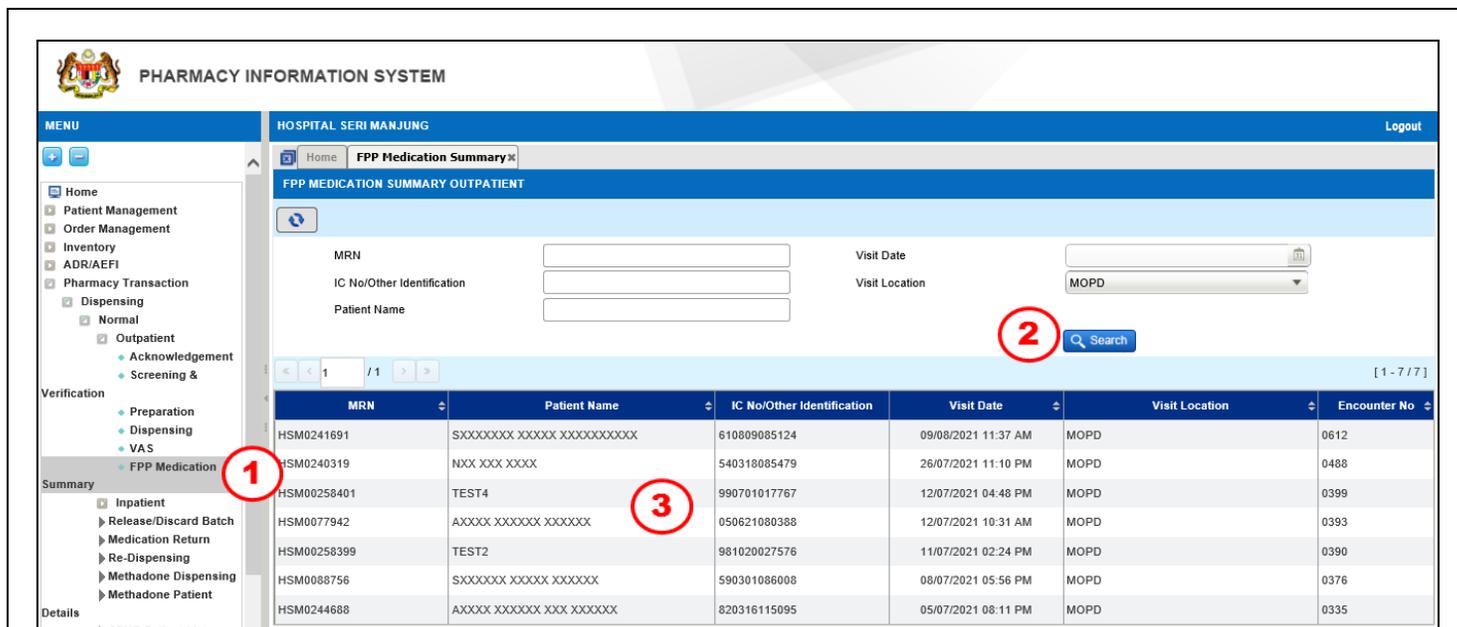
Figure 3.9-10 Information Message

Note

- Click on the  button to completed the Re-Dispensing process
- User is allowed to Re-Dispense normal Drug only but not for psychotropic drug

3.10 FPP Medication Summary

This function is to view Full Paying Patients details and update FPP supply for patient. User able to print Invoice for the finalized FPP Medication summary



PHARMACY INFORMATION SYSTEM

HOSPITAL SERI MANJUNG

Home FPP Medication Summary

FPP MEDICATION SUMMARY OUTPATIENT

MRN: Visit Date:

IC No/Other Identification: Visit Location:

Patient Name:

2 Search

MRN	Patient Name	IC No/Other Identification	Visit Date	Visit Location	Encounter No
HSM0241691	SXXXXXXXX XXXXX XXXXXXXXXXXX	610809085124	09/08/2021 11:37 AM	MOPD	0612
HSM0240319	NXX XXX XXXX	540318085479	26/07/2021 11:10 PM	MOPD	0488
HSM00258401	TEST4	990701017767	12/07/2021 04:48 PM	MOPD	0399
HSM0077942	AXXXX XXXXXX XXXXXX	050621080388	12/07/2021 10:31 AM	MOPD	0393
HSM00258399	TEST2	981020027576	11/07/2021 02:24 PM	MOPD	0390
HSM0088756	SXXXXXXXX XXXXX XXXXXXXX	590301086608	08/07/2021 05:56 PM	MOPD	0376
HSM0244688	AXXXX XXXXXX XXX XXXXXX	820316115095	05/07/2021 08:11 PM	MOPD	0335

1 **3**

Figure 3.10-1 FPP Medication Summary

STEP 1

Click on 'FPP Medication Summary' sub menu

Note

Various search criteria are provided as below:

No	Field	Description	Remark
a	MRN	Patient Medical Record Number	Search option: • Type the MRN either full or partial: Example: HPSF00001234 or "1234"
b	IC No/Other Identification	Identification Number	Allow to search by full or partial ID Number
c	Patient Name	Name of Patient	Allow to search by patient name
d	Visit Date	Visit date from	Able to filter and search patient's record by visit date
e	Visit Location	Visit location. (It will list down all active visit location)	Able to filter and search patient's record by visit location

Table 3.10-1

STEP 2

Click on the  button to search the patient

STEP 3

Click on the patient's name to view FPP Drug Details as shown in Figure 3.10-2

FPP DRUG DETAILS						
MRN	HSM007942		Patient Name			
Visit Date	12/07/2021					
Drug Name	Order Details	Supplied Quantity (SKU)	Dispensed Date From - To	Dispensed Quantity (SKU)	Cost (RM)	
Amlodipine 5 mg Tablet	5 mg, OM, ORAL, 12/07/2021 10:34 AM - 10/10/2021 10:34 AM	30 tablet	12/07/2021 10:34 AM - 11/08/2021 10:34 AM	60 tablet	84.00	
Atenolol 100 mg Tablet	100 mg, OD, ORAL, 12/07/2021 10:33 AM - 10/10/2021 10:33 AM	30 tablet	12/07/2021 10:34 AM - 11/08/2021 10:34 AM	30 tablet	6.00	
Prednisolone 5 mg Tablet	5 mg, OD, ORAL, 12/07/2021 10:33 AM - 10/10/2021 10:33 AM	30 tablet	12/07/2021 10:34 AM - 11/08/2021 10:34 AM	60 tablet	6.00	
Total					96.00	

Figure 3.10-2 FPP Drug Details

STEP 4

Edit **Dispensed Quantity (SKU)** if applicable

Note

Dispensed Quantity (SKU) is based on allocation quantity in preparation screen

STEP 5

Click on the  button to save the record and information message will displayed as Figure 3.10-3



Figure 3.10-3 Information Message

Note

Click on the  button to successfully saved the record

FPP DRUG DETAILS						
MRN	HSM007942		Patient Name			
Visit Date	12/07/2021					
Drug Name	Order Details	Supplied Quantity (SKU)	Dispensed Date From - To	Dispensed Quantity (SKU)	Cost (RM)	
Amlodipine 5 mg Tablet	5 mg, OM, ORAL, 12/07/2021 10:34 AM - 10/10/2021 10:34 AM	30 tablet	12/07/2021 10:34 AM - 11/08/2021 10:34 AM	60 tablet	84.00	
Atenolol 100 mg Tablet	100 mg, OD, ORAL, 12/07/2021 10:33 AM - 10/10/2021 10:33 AM	30 tablet	12/07/2021 10:34 AM - 11/08/2021 10:34 AM	30 tablet	6.00	
Prednisolone 5 mg Tablet	5 mg, OD, ORAL, 12/07/2021 10:33 AM - 10/10/2021 10:33 AM	30 tablet	12/07/2021 10:34 AM - 11/08/2021 10:34 AM	60 tablet	6.00	
Total					96.00	

Figure 3.10-4 FPP Drug Details

STEP 6

Click on the  button to view/print invoice as shown in Figure 3.10-5



(FULL PAYING PATIENT)

KEMENTERIAN KESIHATAN MALAYSIA
Hospital Seri Manjung
Invoice

Patient Name : AXXXX XXXXXX XXXXXX Date : 14/12/2021 02:06 PM
Age : 16 Years 05 Months 23 Days Patient ID : 050621080388
Gender : Perempuan MRN : HSM0077942
Room No/Bed No : ____/____ Location : MOPD

No	Drug Name	Cost	Quantity	Amount
1	Amlodipine 5 mg Tablet	1.40	60	84.00
2	Atenolol 100 mg Tablet	0.20	30	6.00
3	Prednisolone 5 mg Tablet	0.10	60	6.00
			Total : RM	96.00

Figure 3.10-6 Invoice

3.11 VAS

This function will allow user to provide VAS (Value Added Services) for patient

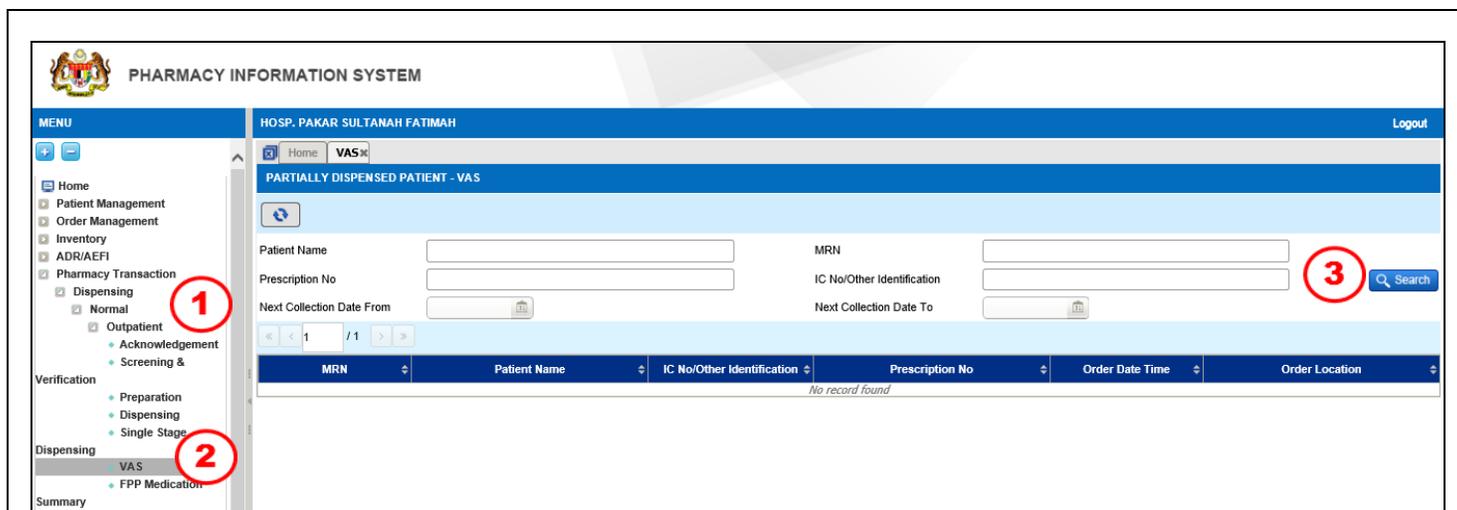


Figure 3.11-1 VAS

STEP 1

Click on the 'Pharmacy Transaction' menu and click on 'Dispensing – Normal – Outpatient'

STEP 2

Click on the 'VAS'

Note

Various search criteria are provided as below:

Basic Search			
No	Field	Description	Remark
a	Patient Name	Name of Patient	Allow to search by patient name
b	MRN	Patient Medical Record Number	Search option: • Type the MRN either full or partial: <i>Example: HPSF00001234 or "1234"</i>
c	Prescription No	Prescription No	Allow to filter and search patient's record by Prescription No
d	IC No/Other Identification	Identification Number	Allow to search by full or partial ID Number
e	Next Collection Date From	Next Collection Date From	Able to filter and search patient's record by next collection date from
f	Next Collection Date To	Next Collection Date To	Able to filter and search patient's record by Next Collection Date to

Table 3.11-1

STEP 3

Click on the  button and search result will be displayed based on entered criteria as shown in figure 3.11-2

PHARMACY INFORMATION SYSTEM

HOSP. PAKAR SULTANAH FATIMAH

Home VAS

PARTIALLY DISPENSED PATIENT - VAS

Search

MRN	Patient Name	IC No/Other Identification	Prescription No	Order Date Time	Order Location
HP	GXX XXX XXX	2	MOPC0002430194	06/12/2020 11:05 AM	KLINIK PAKAR PERUBATAN
HP	HXX XXX	5	ORTC0002355427	23/09/2020 09:56 AM	KLINIK PAKAR ORTOPEDIK
HP	SXXXXXXXX XXXXXXXX	7	STFC0000447196	06/03/2016 11:32 AM	KLINIK SEJAHTERA
HP	SXXXXXXXX XXX XXXXXX	4	MOPC0000341031	24/11/2015 11:50 AM	KLINIK PAKAR PERUBATAN
HP	MXXXXXXXX XXXXX XXX XXXXXXX	0	WRD8800001997568	24/10/2019 02:38 PM	WAD 4
HP	OXXX XXX XXXXXX	5	MOPC0002391984	28/10/2020 10:17 AM	KLINIK PAKAR PERUBATAN
HP	NXX XXXXXXXX XXXXX XX XXXXXXX	0	PSYC0002404944	10/11/2020 11:58 AM	KLINIK PAKAR PSIKIATRI
HP	MXXX XXXXXXX XXX XXXXXX	8	ENTC0002406379	11/11/2020 02:52 PM	KLINIK PAKAR ENT
HP	MXXX XXX XXX XX XXXXXXX	4	MOPC0002417251	23/11/2020 10:59 AM	KLINIK PAKAR PERUBATAN
HP	SXXXXXXXX XXXXXXXX	7	MOPC0000236101	04/08/2015 10:15 AM	KLINIK PAKAR PERUBATAN

Figure 3.11-2 VAS

Note

List of patient displayed only for partial supply

STEP 4

Double click on the selected patient and Pharmacy Value Added Service screen will be displayed as figure 3.11-3

PHARMACY VALUE ADDED SERVICE

5

GXX XXX XXX Mykad: Age 93 Years 10 Months 16 Days Gender Female MRN HI

Address Phone And Email Diagnosis No known Allergies

Height cm Weight kg BMI/BSA 0/0 m² Update (Last Updated:) Nationality: Warganegara

Demographic | Medication Profile | Pharmacist Notes | MTAC History | Monitoring Parameter | Counselling History | Other Appointment |

Encounter No: 0596 Actual Visit Date: 06/12/2020 Attending Practitioner: Visit Location: KLINIK PAKAR PERUBATAN Rx No: MOPC0002430194 Prescriber Dept.: General Medicine

VALUE ADDED SERVICES

Next Collection Mode: Normal Collection Next Dispense At: Drive Through Counter

Clinic TCA: 04/07/2021 No. of Days: 0

Next Collection Date: 01/07/2021 Total Patient: 0

Method of Service Application: Next Collection Location: FARMASI KLINIK PAKAR

PRESCRIPTION

Drug Name	Dosage Form	Drug Route	Dose	Frequency	Duration	Order Qty	Balance Qty	Start Date Time	End Date Time	Status	Remarks
Pantoprazole 40 mg Tablet	Oral Tablet	Oral	40 mg	OD	11 Months	330 tablet	118 tablet	20/02/2021 01:06 PM	16/01/2022 01:06 PM	Partially Dispensed	

Figure 3.11-3 Pharmacy Value Added Service

STEP 5

Click on the button to change information

PHARMACY VALUE ADDED SERVICE

8
[Save] [Refresh] [Close]

	GXX XXX XXX	Mykad 2	Age 93 Years 10 Months 16 Days	Gender Female	MRN HI
Address		Phone And Email		Diagnosis	
Height <input type="text"/> cm		Weight <input type="text"/> kg		BMI/BSA 0/0 m ² <input type="button" value="Update"/> (Last Updated :)	
Nationality : Warganegara					

Encounter No: 0596 Actual Visit Date: 06/12/2020 Attending Practitioner: Visit Location: KLINIK PAKAR PERUBATAN Rx No: MOPC0002430194 Prescriber Dept.: General Medicine

VALUE ADDED SERVICES

Next Collection Mode: <input type="text" value="Normal Collection"/>	Next Dispense At: <input type="text" value="Drive Through Counter"/>
Clinic TCA: <input type="text" value="04/07/2021"/> No. of Days: 0	Next Collection Location: <input type="text" value="FARMASI KLINIK PAKAR"/>
Next Collection Date: <input type="text" value="01/07/2021"/> Total Patient: 0	Source of Information: <input type="text"/>
Method of Service Application: <input type="text"/>	

PRESCRIPTION

Drug Name	Dosage Form	Drug Route	Dose	Frequency	Duration	Order Qty	Balance Qty	Start Date Time	End Date Time	Status	Remarks
Pantoprazole 40 mg Tablet	Oral Tablet	Oral	40 mg	OD	11 Months	330 tablet	118 tablet	20/02/2021 01:06 PM	16/01/2022 01:06 PM	Partially Dispensed	

Figure 3.11-4 Pharmacy Value Added Service

STEP 6

Enter **Next Collection Date**

STEP 7

Enter **Next Collection Location**

Note

Method of Service Application and **Source of Information** is optional. User allowed to enter information if applicable

STEP 8

Click on the button to save the record and confirmation message will be displayed as figure 3.11-5

CONFIRMATION

CONF0002: Are you sure you want to save?

Figure 3.11-5 Confirmation Message

Note

Click on the button to confirm save the record

4.0 Acronyms

Abbreviation	Definition
PhIS	Pharmacy Information System
CPS	Clinical Pharmacy System
PM	Patient Management
eGL	Electronic Guarantee Letter
HRMIS	Human Resource Management System
MRN	Medical Record Number
OP	Outpatient Pharmacy
MOH	Ministry of Health
VAS	Value Added Services

5.0 Links to Clinical Modules

No	Module	PDF Links	No	Module	PDF Links
1	<i>Inpatient</i>	Click Here	12	<i>CDR Dispensing</i>	Click Here
2	<i>CDR Order</i>	Click Here	13	<i>Methadone Dispensing</i>	Click Here
3	<i>TDM Order</i>	Click Here	14	<i>PN Dispensing</i>	Click Here
4	<i>PN Order</i>	Click Here	15	<i>Order Management</i>	Click Here
5	<i>IV Order</i>	Click Here	16	<i>Patient Management</i>	Click Here
6	<i>Prepacking</i>	Click Here	17	<i>Radiopharmaceuticals</i>	Click Here
7	<i>Galenical</i>	Click Here	18	<i>Outpatient</i>	Click Here
8	<i>MTAC</i>	Click Here	19	<i>Special Drug Request</i>	Click Here
9	<i>ADR & DAC</i>	Click Here	20	<i>MAR</i>	Click Here
10	<i>Medication Counselling</i>	Click Here	21	<i>DICE</i>	Click Here
11	<i>Ward Pharmacy</i>	Click Here	22		