



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

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**Full Based**

**User Manual  
Outpatient Pharmacy**

<b>Version</b>	<b>: 12<sup>th</sup> Edition</b>
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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

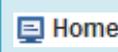
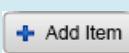
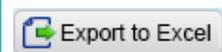
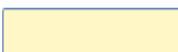
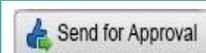
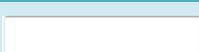
### 1.3 Organised Sections

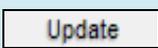
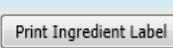
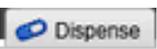
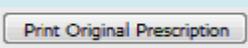
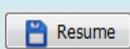
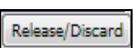
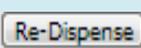
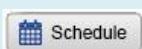
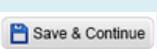
These are the sections within this document:

- 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

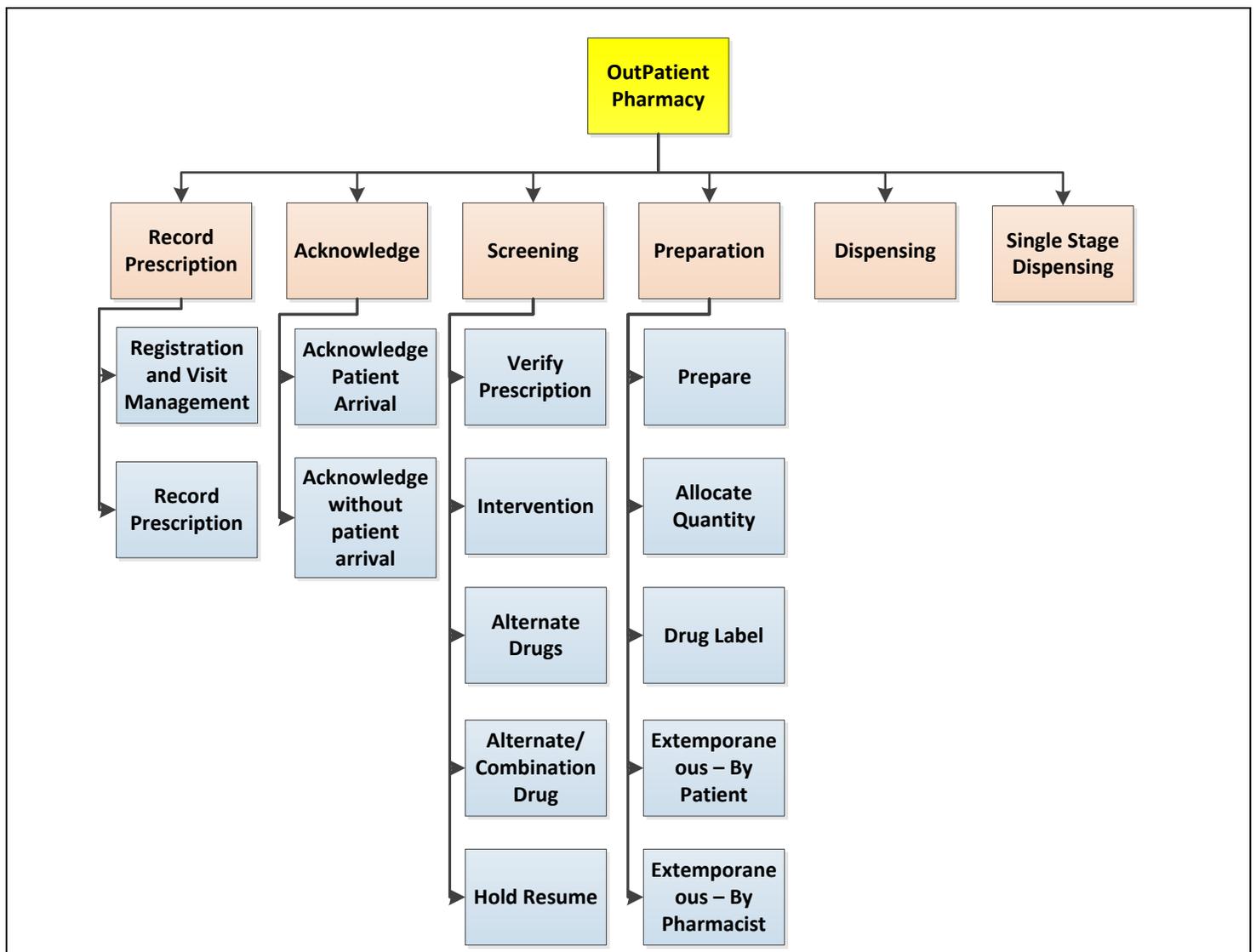
#### Overview

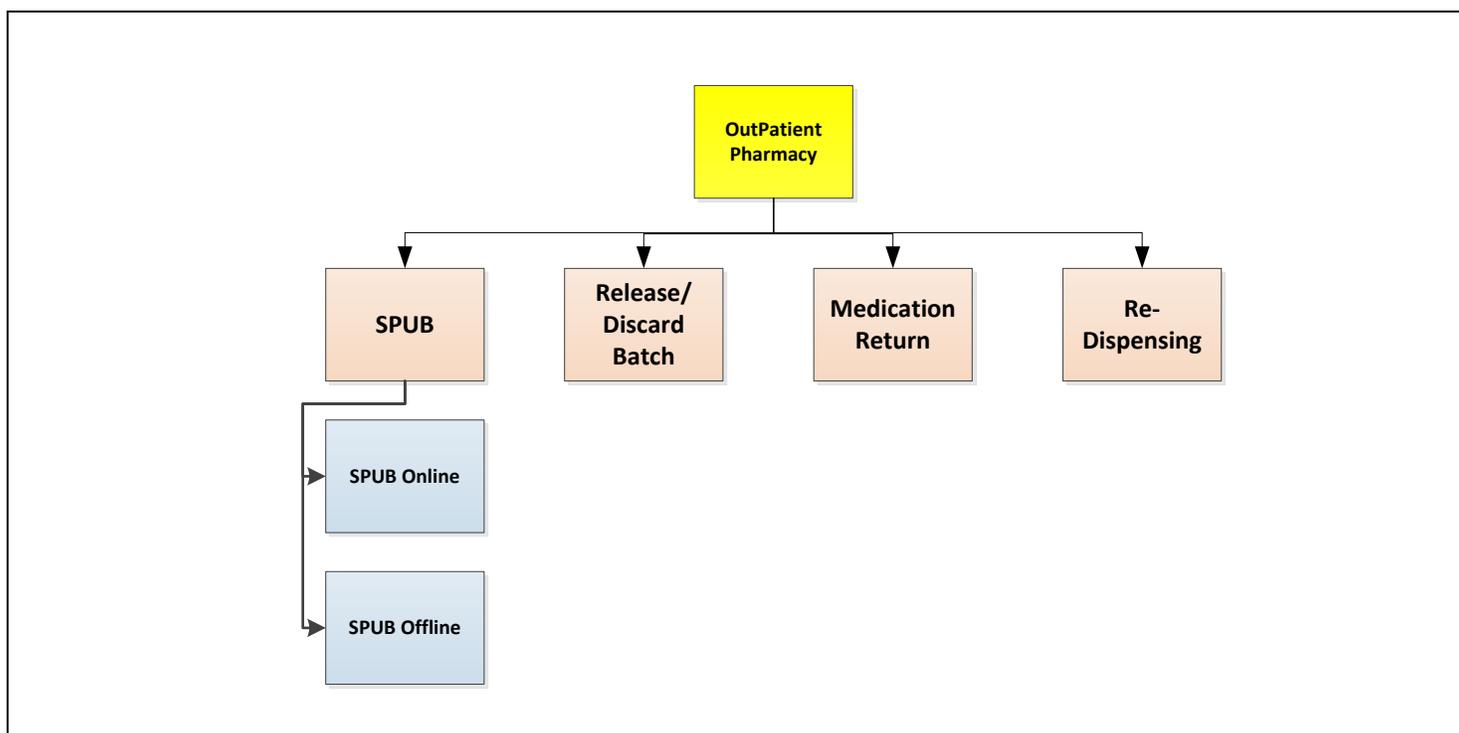
The Outpatient Pharmacy module include implementing safe, organized, and efficient drug-dispensing systems is essential for controlling costs and assuring that the medical prescription is safely followed as requested within the appropriate deadline. An appropriate dispensing system is an important ally 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"> <li>- All</li> <li>- Appointment Card</li> <li>- Comm. Apps in Smart Phone</li> <li>- Email and Take</li> <li>- Fax and Take</li> <li>- Leave and Collect</li> <li>- Locker4U</li> <li>- Normal Collection</li> <li>- Others</li> <li>- Telephone And Take</li> <li>- UMP</li> <li>- Walk-in/Without Appointment</li> </ul>	Allow user to search by patient registered with value added services for next collection
i	Order Type	<ul style="list-style-type: none"> <li>-All</li> <li>-Normal</li> <li>-SPUB</li> <li>-Discharge</li> <li>-Referred Patient</li> </ul>	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
<b>Advanced Search</b>			
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"> <li>- All</li> <li>- Paying</li> <li>- Non Paying</li> </ul>	Able to filter and search patient's record by eGL status
f	Patient Type	<ul style="list-style-type: none"> <li>- All</li> <li>- Outpatient</li> <li>- Inpatient</li> </ul>	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
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**Table 3.1.1-1**

**STEP 2**

Click on the  button to search the patient

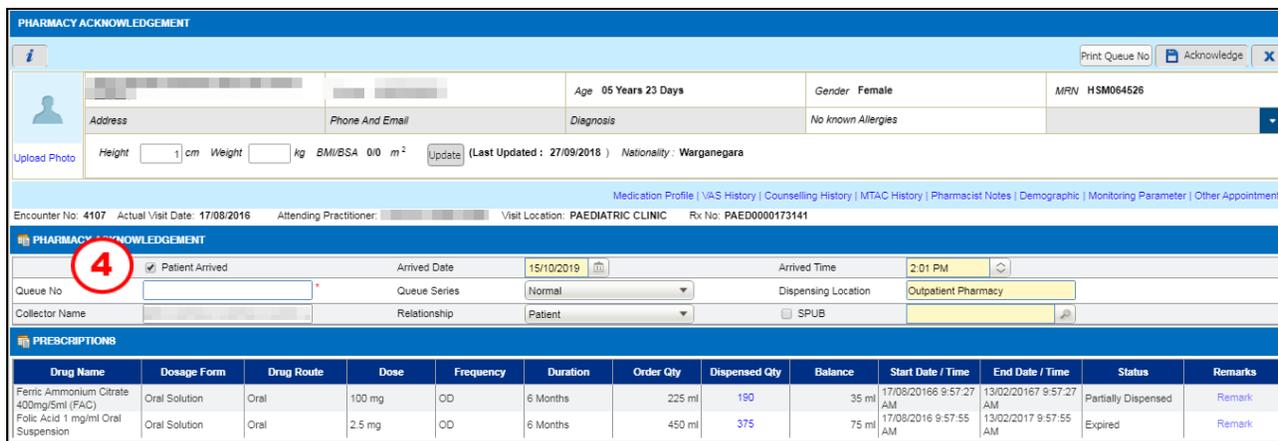
**Note**

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**



The screenshot shows the 'PHARMACY ACKNOWLEDGEMENT' screen for a patient. The patient banner includes details like Age (05 Years 23 Days), Gender (Female), and MRN (HSM064526). Below the banner, there are sections for 'PHARMACY ACKNOWLEDGEMENT' and 'PRESCRIPTIONS'. In the 'PHARMACY ACKNOWLEDGEMENT' section, the 'Patient Arrived' checkbox is checked and highlighted with a red circle containing the number 4. The 'PRESCRIPTIONS' section lists two prescriptions: Folic Acid 1 mg/ml Oral Suspension and Folic Acid 1 mg/ml Oral Suspension.

**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 b. Patient Address c. Patient IC Number d. Patient Phone and Email e. Patient Diagnosis

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

**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	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
Dispensing location	Pharmacy location

<i>Relationship</i>	<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**

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

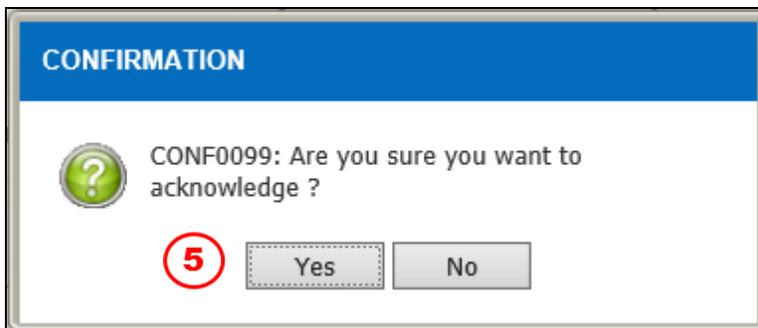
**Table 3.1.1-4**

**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.

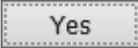


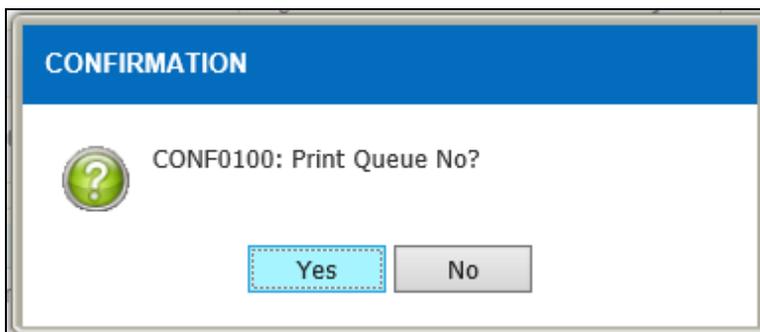
**Figure 3.1.1-3 Confirmation Alert Message**

**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.

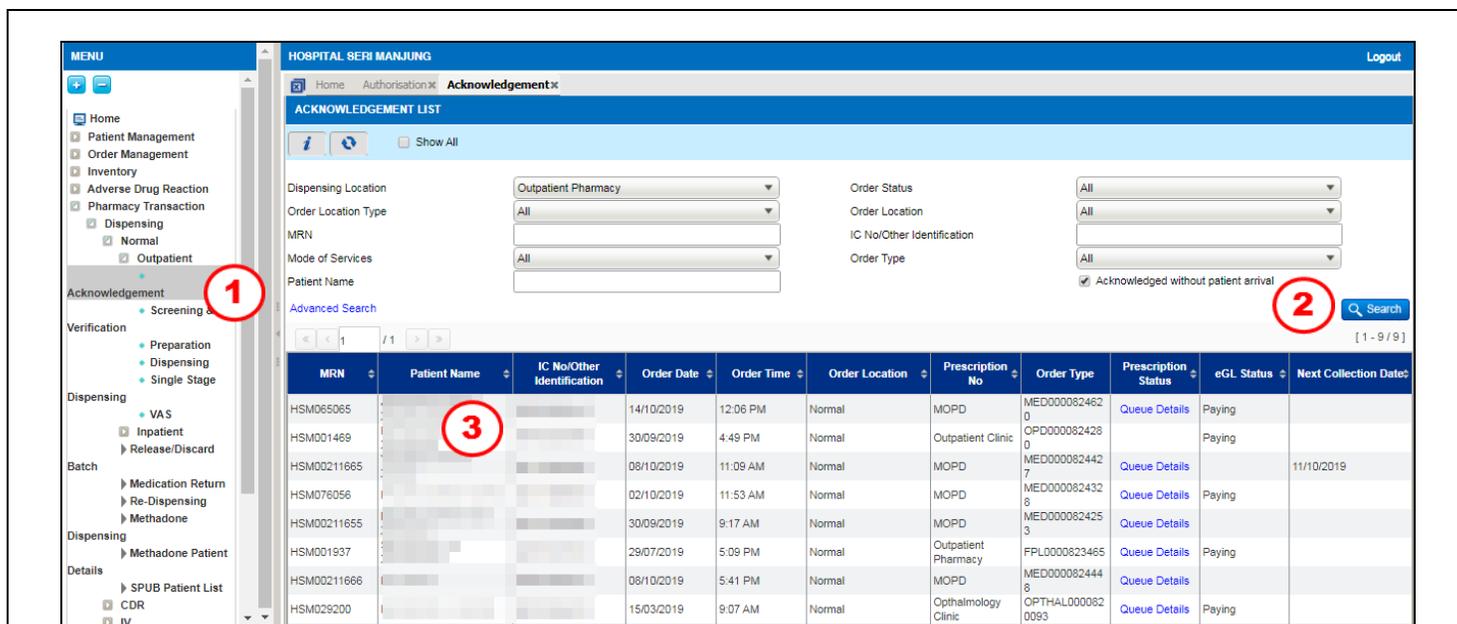


Figure 3.1.2-1 Pharmacy Acknowledgement Listing Page

#### 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: • 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"> <li>- All</li> <li>- Appointment Card</li> <li>- Comm. Apps in Smart Phone</li> <li>- Email and Take</li> <li>- Fax and Take</li> <li>- Leave and Collect</li> <li>- Locker4U</li> <li>- Normal Collection</li> <li>- Others</li> <li>- Telephone And Take</li> <li>- UMP</li> <li>- Walk-in/Without Appointment</li> </ul>	Allow user to search by patient registered with value added services for next collection
i	Order Type	<ul style="list-style-type: none"> <li>-All</li> <li>-Normal</li> <li>-SPUB</li> <li>-Discharge</li> <li>-Referred Patient</li> </ul>	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
<b>Advanced Search</b>			
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"> <li>- All</li> <li>- Paying</li> <li>- Non Paying</li> </ul>	Able to filter and search patient's record by eGL status
f	Patient Type	<ul style="list-style-type: none"> <li>- All</li> <li>- Outpatient</li> <li>- Inpatient</li> </ul>	Able to filter and search patient's type
g	Clinic TCA Date	<ul style="list-style-type: none"> <li>- Clinic TCA Date</li> </ul>	Able to filter and search patient's record by Clinic TCA Date
h	SPUB Out	<ul style="list-style-type: none"> <li>- All</li> <li>- No</li> <li>- Yes</li> </ul>	Able to filter and search patient's record by SPUB Out

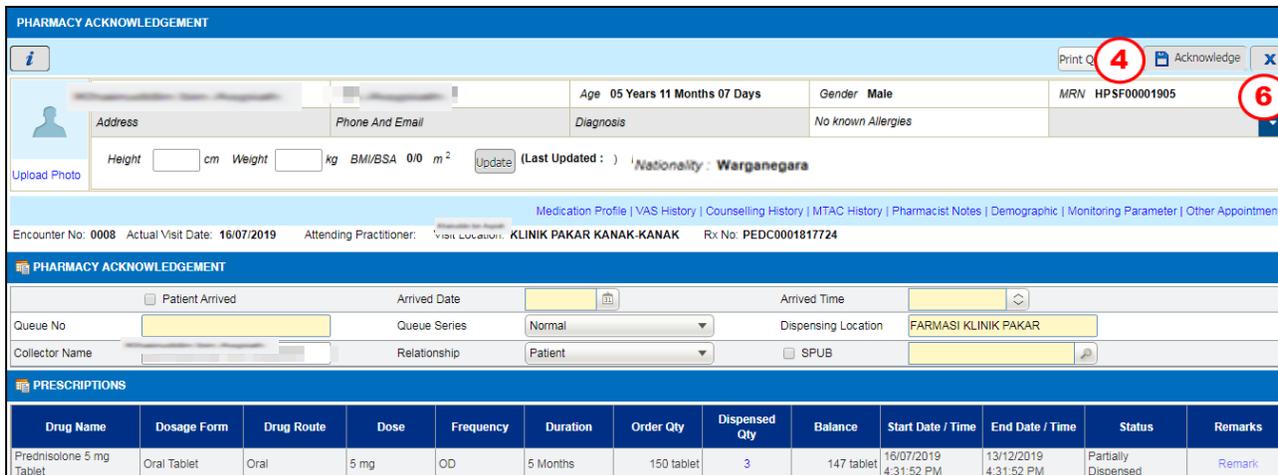
**Table 3.1.2-1**

**STEP 2**

Click on the  Search button to search the patient

**STEP 3**

Double click on the selected patient's details



**PHARMACY ACKNOWLEDGEMENT**

Print Q **4** Acknowledge X

Age 05 Years 11 Months 07 Days Gender Male MRN HPSF00001905 **6**

Address Phone And Email Diagnosis No known Allergies

Height cm Weight kg BMI/BSA 0/0 m<sup>2</sup> Update (Last Updated : ) Nationality : Warganegara

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

Encounter No: 0008 Actual Visit Date: 16/07/2019 Attending Practitioner: Visit Location: KLINIK PAKAR KANAK-KANAK Rx No: PEDC0001817724

**PHARMACY ACKNOWLEDGEMENT**

Patient Arrived Arrived Date Arrived Time

Queue No Queue Series Normal Dispensing Location FARMASI KLINIK PAKAR

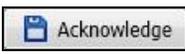
Collector Name Relationship Patient  SPUB

**PRESCRIPTIONS**

Drug Name	Dosage Form	Drug Route	Dose	Frequency	Duration	Order Qty	Dispensed Qty	Balance	Start Date / Time	End Date / Time	Status	Remarks
Prednisolone 5 mg Tablet	Oral Tablet	Oral	5 mg	OD	5 Months	150 tablet	3	147 tablet	16/07/2019 4:31:52 PM	13/12/2019 4:31:52 PM	Partially Dispensed	Remark

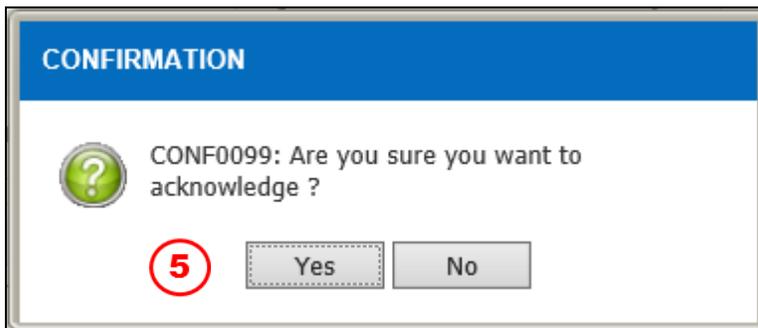
**Figure 3.1.2-2 Pharmacy Acknowledgement**

**STEP 4**

Click on the  button to acknowledge the prescription

**Note**

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



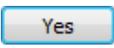
**CONFIRMATION**

CONF0099: Are you sure you want to acknowledge ?

**5** Yes No

**Figure 3.1.2.3 Confirmation Alert Message**

**STEP 5**

Click on the  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

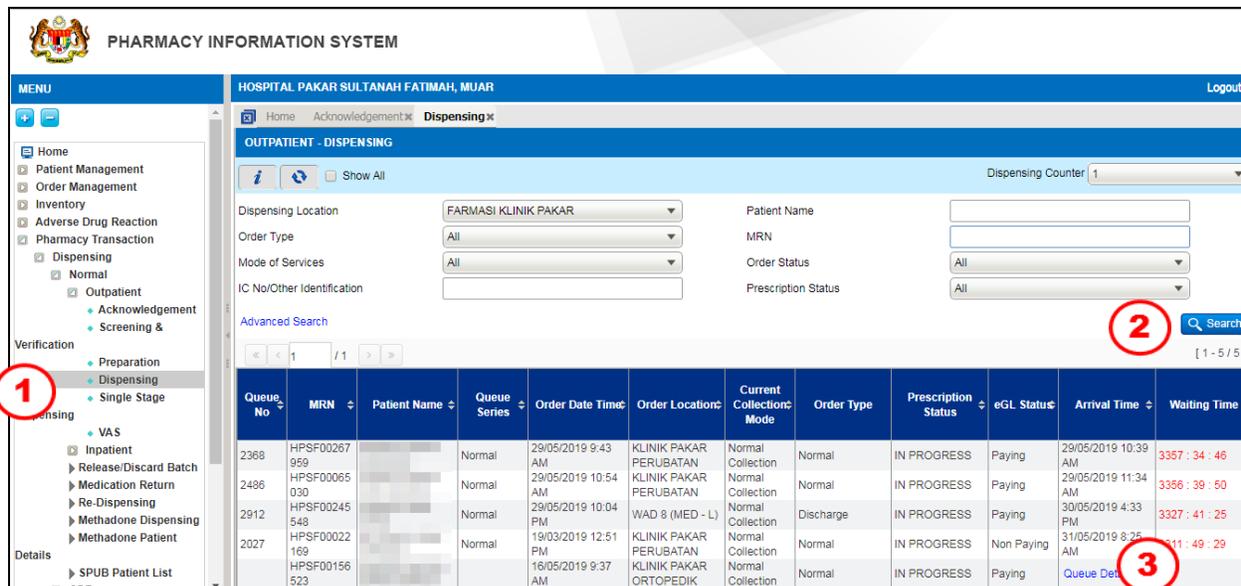


Figure 3.1.3-1 Pharmacy Dispensing Listing Screen

#### 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: <ul style="list-style-type: none"> <li>Type the MRN either full or partial: Example: HPSF00001234 or "1234"</li> </ul>

f	Mode of Services	<ul style="list-style-type: none"> <li>- All</li> <li>- Appointment Card</li> <li>- Comm. Apps in Smart Phone</li> <li>- Email and Take</li> <li>- Fax and Take</li> <li>- Leave and Collect</li> <li>- Locker4U</li> <li>- Normal Collection</li> <li>- Others</li> <li>- Telephone And Take</li> <li>- UMP</li> <li>- Walk-in/Without Appointment</li> </ul>	Allow user to search by patient registered with value added services for next collection
g	Order Status	<ul style="list-style-type: none"> <li>- All</li> <li>- New Order</li> <li>- Partial Supply</li> </ul>	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"> <li>- All</li> <li>- Hold</li> <li>- Expired</li> </ul>	Able to filter by prescription status
<b>Advanced Search</b>			
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"> <li>- All</li> <li>- Clinic</li> <li>- Day Care</li> <li>- ER</li> <li>- Nursing Unit</li> <li>- Pharmacy</li> </ul>	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"> <li>- All</li> <li>- Normal</li> <li>- Express</li> <li>- Special</li> <li>- Others</li> </ul>	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"> <li>- All</li> <li>- Drive Through Counter</li> <li>- Pharmacy Counter</li> <li>- Bedside</li> <li>- PPUSS</li> </ul>	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

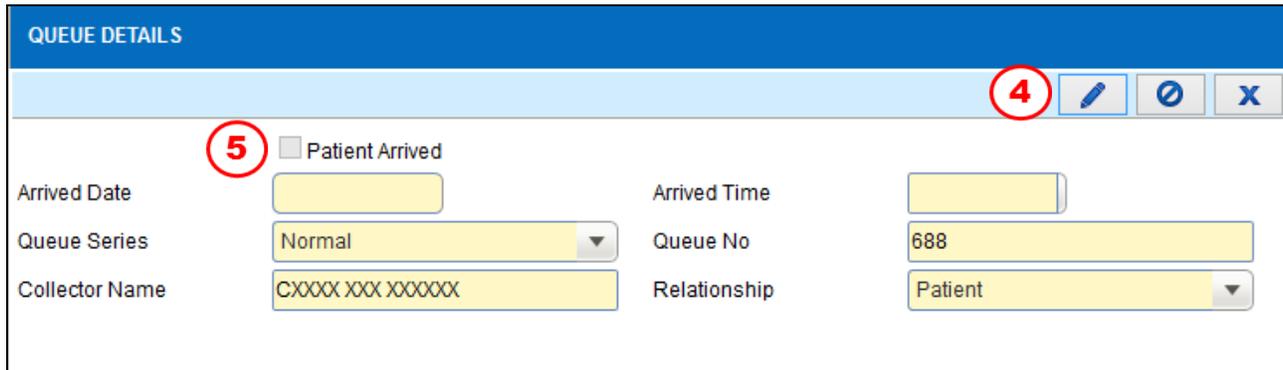


Figure 3.1.3-2 Queue Details

**STEP 4**

Click on the  button

**STEP 5**

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

**Note**

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

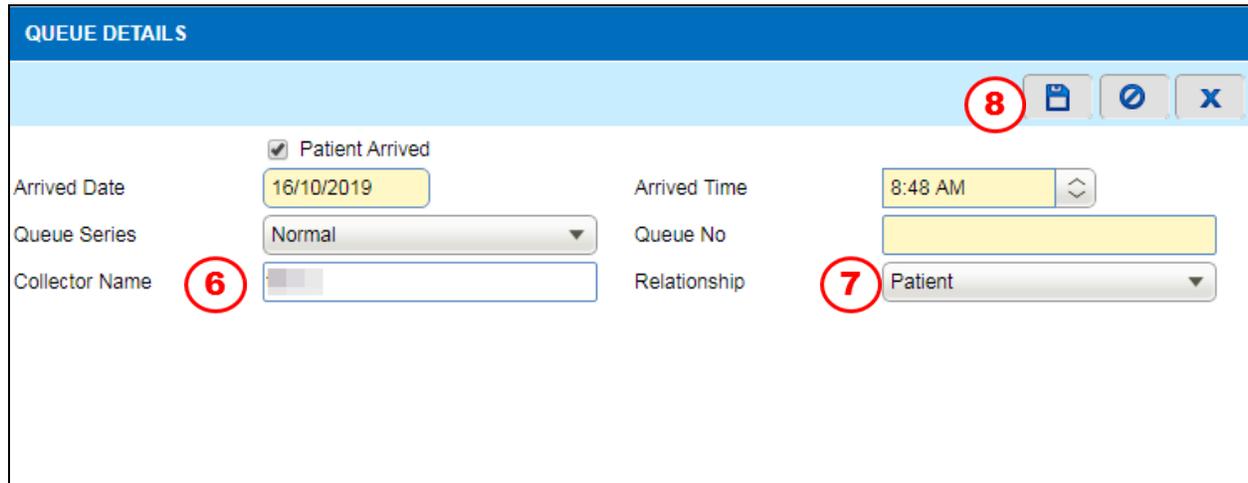


Figure 3.1.3-3 Queue Details

**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

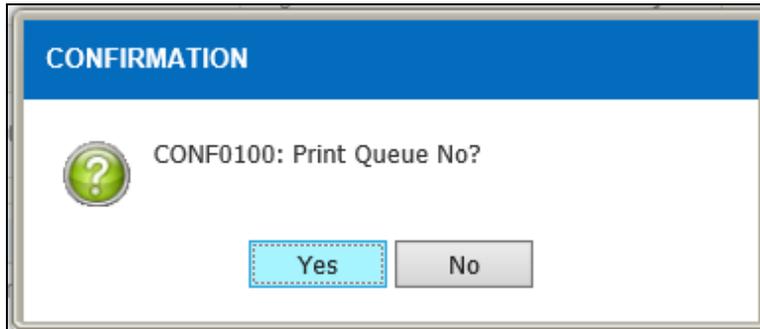


Figure 3.1.3-4 Confirmation Alert Message

#### Note

- Upon acknowledged patient arrival, user may print **Queue No** by clicking on the  button. The queue no is displayed as per **Figure 3.1.3-5**.
- Printing the system's queue number is only applicable for certain facility.



Figure 3.1.3-5 Queue Ticket Number Sample

### 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: • Type the MRN either full or partial: <i>Example: HPSF00001234 or “1234”</i>
f	Mode of Services	- All - Appointment Card	Allow user to search by patient registered with value added services for



		<ul style="list-style-type: none"> <li>- Comm. Apps in Smart Phone</li> <li>- Email and Take</li> <li>- Fax and Take</li> <li>- Leave and Collect</li> <li>- Locker4U</li> <li>- Normal Collection</li> <li>- Others</li> <li>- Telephone And Take</li> <li>- UMP</li> <li>- Walk-in/Without Appointment</li> </ul>	next collection
g	Order Status	<ul style="list-style-type: none"> <li>-All</li> <li>-Normal</li> <li>-SPUB</li> <li>-Discharge</li> <li>-Referred Patient</li> </ul>	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"> <li>- All</li> <li>- Hold</li> <li>- Expired</li> </ul>	Able to filter by prescription status
<b>Advanced Search</b>			
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"> <li>- All</li> <li>- Clinic</li> <li>- Day Care</li> <li>- ER</li> <li>- Nursing Unit</li> <li>- Pharmacy</li> </ul>	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"> <li>- All</li> <li>- Normal</li> <li>- Express</li> <li>- Special</li> <li>- Others</li> </ul>	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"> <li>- All</li> <li>- Drive Through Counter</li> <li>- Pharmacy Counter</li> </ul>	Able to filter and search patient's record by Next Dispense At

		- Bedside - PPUSS	
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

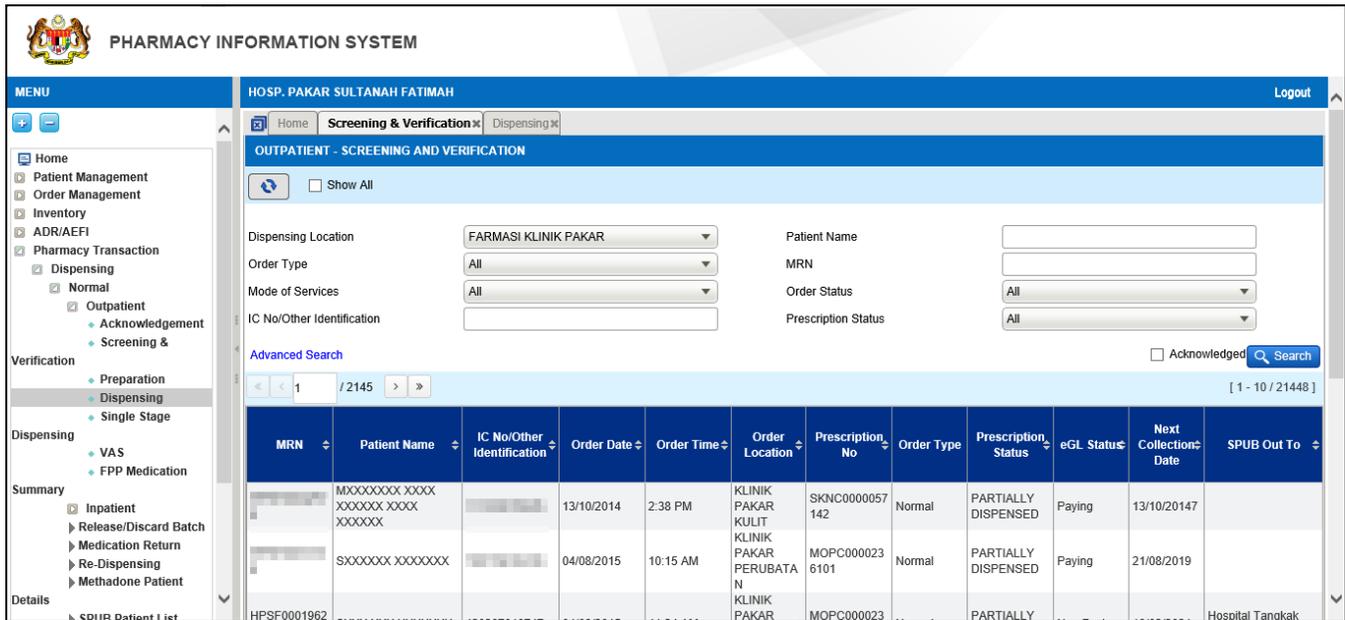
**Table 3.2.1-1**

**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**

HOSP. PAKAR SULTANAH FATIMAH Logout

Home | Screening & Verification | Dispensing

**OUTPATIENT - SCREENING AND VERIFICATION**

Show All

Dispensing Location: FARMASI KLINIK PAKAR  
 Order Type: All  
 Mode of Services: All  
 IC No/Other Identification:

Patient Name:   
 MRN:   
 Order Status: All  
 Prescription Status: All

Acknowledged

Advanced Search [ 1 - 10 / 21448 ]

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
[REDACTED]	MXXXXXXXX XXXX XXXXXXXX XXXX XXXXXXXX	[REDACTED]	13/10/2014	2:38 PM	KLINIK PAKAR KULIT	SKNC0000057142	Normal	PARTIALLY DISPENSED	Paying	13/10/20147	
[REDACTED]	SXXXXXXXX XXXXXXXX	[REDACTED]	04/08/2015	10:15 AM	KLINIK PAKAR PERUBATAN	MOPC0000236101	Normal	PARTIALLY DISPENSED	Paying	21/08/2019	
HPSF0001962					KLINIK PAKAR	MOPC000023		PARTIALLY			Hospital Tanokak

**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 X

	HXXXXX XXXXXXX X/X XXXXXXXXXXXXXXX	Mykad 870605145456	Age 34 Years 06 Months 04 Days	Gender Female	MRN HPSF00328363
	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 <sup>2</sup>	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: 09/12/2021	Attending Practitioner:	Visit Location: KLINIK PAKAR PERUBATAN	Rx No: MOPC0002731068	Order By:	Prescriber Dept.: General Medicine
--------------------	-------------------------------	-------------------------	--	-----------------------	-----------	------------------------------------

**PHARMACY ACKNOWLEDGEMENT** Print Queue No

<input checked="" type="checkbox"/> Patient Arrived	Queue Series: Normal	Queue No: 2738	Arrival Time: 09/12/2021 01:33 PM	Collector Name: HXXXXX XXXXXXX X/X XXXXXXXXXXXXXXX	Relationship: Patient
---	----------------------	----------------	-----------------------------------	--	-----------------------

**PHARMACY ORDER**

Clinic TCA	No. of Days: 0	Current Collection Mode: Normal Collection	SPUB Out: <input type="checkbox"/> SPUB <input type="checkbox"/> SPUB R1 Form
Next Collection Date: 06/01/2022	Total Patient: 3	Next Collection Mode:	Dispense At:
Supply Duration: 30 Days	Next Collection Location: FARMASI KLINIK PAKAR	Next Dispense At:	
Adherence Score:	MPR: <input type="text"/>	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	Prescri Nam
Paracetamol 500 mg Tablet	2 tablet, BID, Oral, 3 Months 09/12/2021 11:45 AM - 09/03/2022 11:45 AM	360 tablet	0 tablet	0 <input type="checkbox"/> POMs <a href="#">Alternate</a>	0 tablet	0 tablet	360 tablet (90 day(s))	<a href="#">Remarks</a>	<input type="checkbox"/> <a href="#">Detail</a>		
Prednisolone 5 mg Tablet	5 mg, OD, Oral, 3 Months 09/12/2021 11:46 AM - 09/03/2022 11:46 AM	90 tablet	0 tablet	0 <input type="checkbox"/> POMs	0 tablet	0 tablet	90 tablet (90 day(s))	<a href="#">Remarks</a>	<input type="checkbox"/> <a href="#">Detail</a>		
Metformin HCl 500 mg Tablet	1000 mg, BID, Oral, 3 Months 09/12/2021 11:46 AM - 09/03/2022 11:46 AM	360 tablet	0 tablet	0 <input type="checkbox"/> POMs <a href="#">Alternate</a>	0 tablet	0 tablet	360 tablet (90 day(s))	<a href="#">Remarks</a>	<input type="checkbox"/> <a href="#">Detail</a>		
Amoxicillin 250mg Capsule	250 mg, TID, Oral, 3 Months 09/12/2021 11:48 AM - 09/03/2022 11:48 AM	270 capsule	0 capsule	0 <input type="checkbox"/> POMs <a href="#">Alternate(C)</a>	0 capsule	0 capsule	270 capsule (90 day(s))	<a href="#">Remarks</a>	<input type="checkbox"/> <a href="#">Detail</a>		

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**

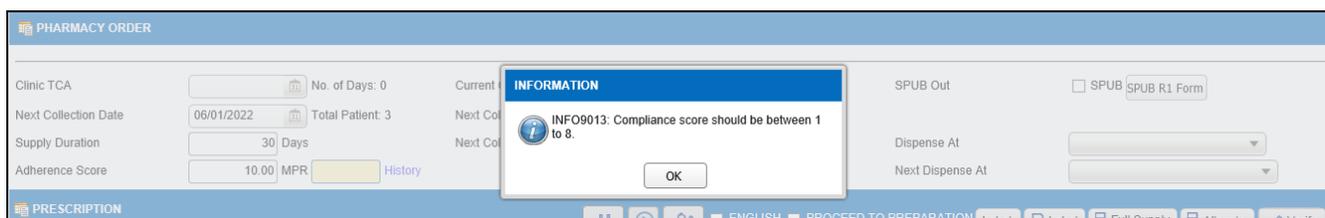
**c. Prescription**

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**

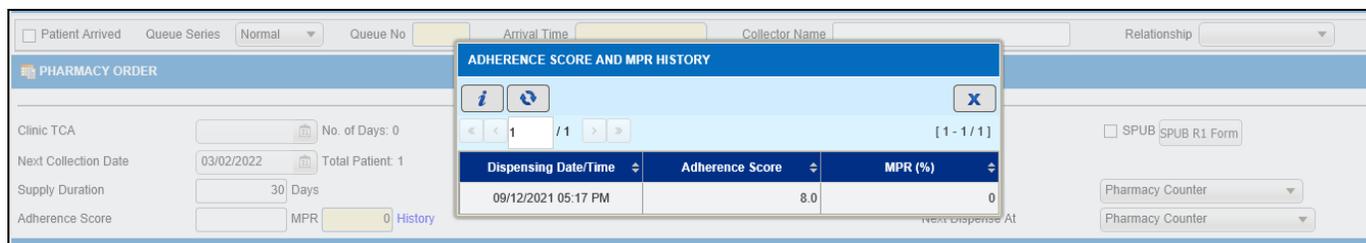
**Note**

- 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

- 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 may click on the  Allocate button to allocate quantity at the Screening and Verification stage.
- 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

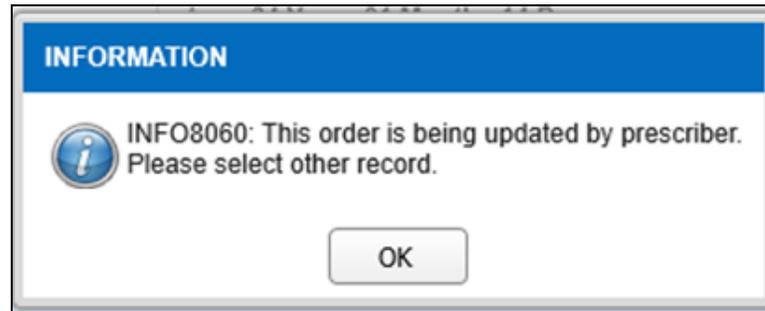


Figure 3.2.1-6 Information

**STEP 5**

Click on the  button to save record

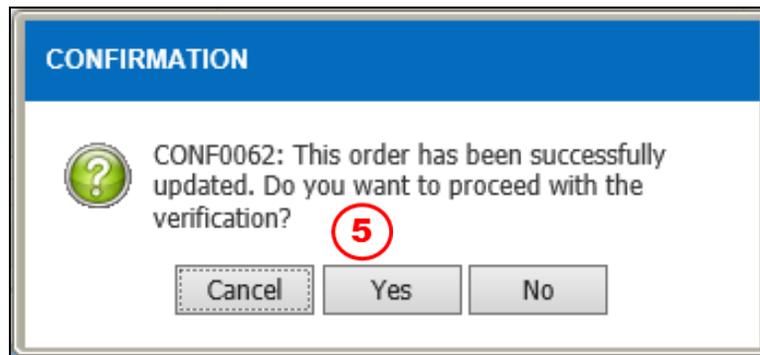


Figure 3.2.1-7 Confirmation Alert Message

### 3.2.2 Intervention

Perform following step to an Intervention function:

SCREENING AND VERIFICATION

	HXXXXX XXXXXX X/X XXXXXXXXXXXXX	Mykad 87	Age 34 Years 06 Months 04 Days	Gender Female	MRN HPSF
Address		Phone And Email		Diagnosis	
Height <input type="text"/> cm		Weight <input type="text"/> kg		BMI/BSA 0/0 m <sup>2</sup>	
Update (Last Updated: ) Nationality: Warganegara					

Encounter No: 0001
Actual Visit Date: 09/12/2021
Attending Practitioner:
Visit Location:
Rx No: MOPC0002731068
Order By:
Prescriber Dept.: General Medicine

PHARMACY ACKNOWLEDGEMENT

Patient Arrived
 Queue Series: Normal
Queue No: 2738
Arrival Time: 09/12/2021 01:33 PM
Collector Name: HXXXXX XXXXXX X/X XXXXXXXXXXXXX
Relationship: Patient

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	Total Patient: 4	Next Collection Mode	
Supply Duration	30 Days	Next Collection Location	Dispense At
Adherence Score	MPR	History	Next Dispense At

PRESCRIPTION

	Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMS Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneous	Prescri Name
<input type="checkbox"/>	Paracetamol 500 mg Tablet	2 tablet, BID, Oral, 3 Months 09/12/2021 11:45 AM - 09/03/2022 11:45 AM	360 tablet	0 tablet	0 <input type="checkbox"/> POMS <a href="#">Alternate</a>	0 tablet	0 tablet	360 tablet (90 day(s))	<a href="#">Remarks</a>	<input type="checkbox"/> <a href="#">Detail</a>		
<input checked="" type="checkbox"/>	Prednisolone 5 mg Tablet	5 mg, OD, Oral, 3 Months 09/12/2021 11:46 AM - 09/03/2022 11:46 AM	90 tablet	0 tablet	0 <input type="checkbox"/> POMS	0 tablet	0 tablet	90 tablet (90 day(s))	<a href="#">Remarks</a>	<input type="checkbox"/> <a href="#">Detail</a>		
<input type="checkbox"/>	Metformin HCl 500 mg Tablet	1000 mg, BID, Oral, 3 Months 09/12/2021 11:46 AM - 09/03/2022 11:46 AM	360 tablet	0 tablet	0 <input type="checkbox"/> POMS <a href="#">Alternate</a>	0 tablet	0 tablet	360 tablet (90 day(s))	<a href="#">Remarks</a>	<input type="checkbox"/> <a href="#">Detail</a>		
<input type="checkbox"/>	Amoxicillin 250mg Capsule	250 mg, TID, Oral, 3 Months 09/12/2021 11:48 AM - 09/03/2022 11:48 AM	270 capsule	0 capsule	0 <input type="checkbox"/> POMS <a href="#">Alternate(C)</a>	0 capsule	0 capsule	270 capsule (90 day(s))	<a href="#">Remarks</a>	<input type="checkbox"/> <a href="#">Detail</a>		

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

4

Drug Name:  Order Detail:  Reset

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"/>
<span style="border: 1px solid red; border-radius: 50%; padding: 2px;">2</span> <input 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 type="radio"/>	<span style="border: 1px solid red; border-radius: 50%; padding: 2px;">3</span> <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"/>

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"/>

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**

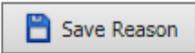
Select the **Intervention Reason** by clicking on the **Selection** checkbox. Reasons shall be selected as per below:

- 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
X

**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 <span style="border: 2px solid red; border-radius: 50%; padding: 2px 5px; font-weight: bold;">5</span>	Oral	OD (once daily)	3 Months	90 tablet	09/12/2021 11:46 AM	09/03/2022 11:46 AM	<span style="border: 1px solid gray; padding: 2px 5px;">+</span>

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:
  - i. **GREEN**- Modify with Intervention Reason: - user able to save changes.
  - ii. **YELLOW**- Add Reason only: - user able to save changes.
  - iii. **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 Confirm button to confirm Modify Order

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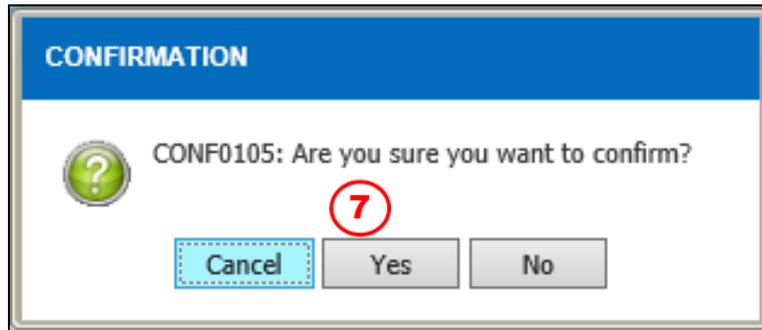


Figure 3.2.2-5 Confirmation alert message

**STEP 7**

Click on the  button to confirm drug Intervention

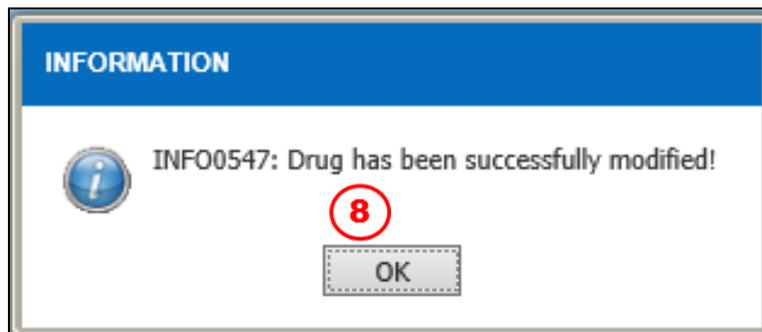


Figure 3.2.2-6 Information alert message

**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												
PHARMACY ORDER												
PRESCRIPTION												
	Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneous	Prescri Name
<input type="checkbox"/>	Paracetamol 500 mg Tablet	2 tablet, BID, Oral, 3 Months 09/12/2021 11:45 AM - 09/03/2022 11:45 AM	360 tablet	0 tablet	0 <input type="checkbox"/> POMs <a href="#">Alternate</a>	0 tablet	0 tablet	360 tablet (90 day(s))	<a href="#">Remarks</a>	<input type="checkbox"/> <a href="#">Detail</a>		
<input type="checkbox"/>	Prednisolone 5 mg Tablet	10 mg, OD, Oral, 3 Months 09/12/2021 11:46 AM - 09/03/2022 11:46 AM	180 tablet	0 tablet	0 <input type="checkbox"/> POMs	0 tablet	0 tablet	180 tablet (90 day(s))	<a href="#">Remarks</a>	<input type="checkbox"/> <a href="#">Detail</a>		
<input type="checkbox"/>	Metformin HCl 500 mg Tablet	1000 mg, BID, Oral, 3 Months 09/12/2021 11:46 AM - 09/03/2022 11:46 AM	360 tablet	0 tablet	0 <input type="checkbox"/> POMs <a href="#">Alternate</a>	0 tablet	0 tablet	360 tablet (90 day(s))	<a href="#">Remarks</a>	<input type="checkbox"/> <a href="#">Detail</a>		
<input type="checkbox"/>	Amoxicillin 250mg Capsule	250 mg, TID, Oral, 3 Months 09/12/2021 11:48 AM - 09/03/2022 11:48 AM	270 capsule	0 capsule	0 <input type="checkbox"/> POMs <a href="#">Alternate(C)</a>	0 capsule	0 capsule	270 capsule (90 day(s))	<a href="#">Remarks</a>	<input type="checkbox"/> <a href="#">Detail</a>		

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 ORDER													
Clinic TCA		No. of Days: 0	Current Collection Mode		Normal Collection		SPUB Out		<input type="checkbox"/> SPUB <a href="#">SPUB R1 Form</a>				
Next Collection Date		10/02/2022	Total Patient: 2		Next Collection Mode		Normal Collection		Dispense At		Pharmacy Counter		
Supply Duration		30 Days	Next Collection Location		FARMASI KLINIK PAKAR		Next Dispense At		Pharmacy Counter				
Adherence Score		MPR 0	History										
PRESCRIPTION													
	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	2 tablet, BID, Oral, 3 Months 09/12/2021 11:45 AM - 09/03/2022 11:45 AM	360 tablet	120 tablet (12/12/2021)	0 <input type="checkbox"/> POMs <a href="#">Alternate</a>	0 tablet	0 tablet	240 tablet (57 day(s))	<a href="#">Remarks</a>	<input type="checkbox"/> <a href="#">Detail</a>			Partially Dispensed
<input type="checkbox"/>	Prednisolone 5 mg Tablet	10 mg, OD, Oral, 3 Months 09/12/2021 11:46 AM - 09/03/2022 11:46 AM	180 tablet	60 tablet (12/12/2021)	0 <input type="checkbox"/> POMs	0 tablet	0 tablet	120 tablet (57 day(s))	<a href="#">Remarks</a>	<input type="checkbox"/> <a href="#">Detail</a>			Partially Dispensed
<input type="checkbox"/>	Metformin HCl 500 mg Tablet	1000 mg, BID, Oral, 3 Months 09/12/2021 11:46 AM - 09/03/2022 11:46 AM	360 tablet	120 tablet (12/12/2021)	0 <input type="checkbox"/> POMs <a href="#">Alternate</a>	0 tablet	0 tablet	240 tablet (57 day(s))	<a href="#">Remarks</a>	<input type="checkbox"/> <a href="#">Detail</a>			Partially Dispensed
<input checked="" type="checkbox"/>	Amoxicillin 250mg Capsule	250 mg, TID, Oral, 3 Months 09/12/2021 11:48 AM - 09/03/2022 11:48 AM	270 capsule	0 capsule	0 <input type="checkbox"/> POMs <a href="#">Alternate(C)</a>	0 capsule	0 capsule	270 capsule (87 day(s))	<a href="#">Remarks</a>	<input type="checkbox"/> <a href="#">Detail</a>			Acknowledged/Hold

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="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 - 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"/>
<input type="checkbox"/>	Unclear Handwriting		<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
Amoxicillin 250mg Capsule	250 mg	Oral	TDS (3 times a day)	3 Months	270 capsule	09/12/2021 11:48	09/03/2022 11:48 AM	<span>+</span>

**Figure 3.2.2-9 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.

	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"/>	Amoxicillin 250mg Capsule	250 mg, TID, Oral, 3 Months 09/12/2021 11:48 AM - 09/03/2022 11:48 AM	270 capsule	0 capsule	0 <input type="checkbox"/> POMs <a href="#">Alternate(C)</a>	0 capsule	0 capsule	270 capsule (87 day(s))	Remarks <input type="checkbox"/> Detail				Acknowledged
<input type="checkbox"/>	Paracetamol 500 mg Tablet	2 tablet, BID, Oral, 3 Months 09/12/2021 11:45 AM - 09/03/2022 11:45 AM	360 tablet	120 tablet (12/12/2021)	0 <input type="checkbox"/> POMs <a href="#">Alter</a>	0 tablet	0 tablet	240 tablet (57 day(s))	Remarks <input type="checkbox"/> Detail				Partially Dispens
<input type="checkbox"/>	Prednisolone 5 mg Tablet	10 mg, OD, Oral, 3 Months 09/12/2021 11:46 AM - 09/03/2022 11:46 AM	180 tablet	60 tablet (12/12/2021)	0 <input type="checkbox"/> POMs	0 tablet	0 tablet	120 tablet (57 day(s))	Remarks <input type="checkbox"/> Detail				Partially Dispens
<input type="checkbox"/>	Meflomin HCl 500 mg Tablet	1000 mg, BID, Oral, 3 Months 09/12/2021 11:46 AM - 09/03/2022 11:46 AM	360 tablet	120 tablet (12/12/2021)	0 <input type="checkbox"/> POMs <a href="#">Alternate</a>	0 tablet	0 tablet	240 tablet (57 day(s))	Remarks <input type="checkbox"/> Detail				Partially Dispens

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](#)

No	Drug Name	Dosage Form	Route	Qty per dose	Batch	Expiry Date	Available Qty	SKU	Allocation Qty	Select
1	Hypromellose 0.3%, Carbomer 980 Ophthalmic Gel	Ophthalmic Gel	Eye	2 drop	424606	30/09/2019	458	tube	4	<input checked="" type="checkbox"/>
2	Hypromellose 0.3% Eye Drop (Preservative Free)	Ophthalmic Solution	Eye Both	0 drop	16225A	31/05/2018	696	vial	0	<input type="checkbox"/>
				0 drop	16343C	31/08/2018	11392	vial	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

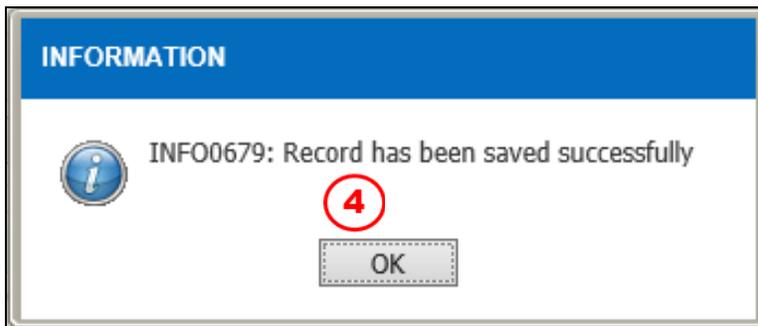


Figure 3.2.3-4 Information Alert Message

**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**

PRESCRIPTION												
Drug Name	Order Detail	Order Qty	Reserve Qty	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Prev Disp Qty	Extemporaneous	Prescriber Name		
Hypromellose 0.3% Eye Drops (with preservative)	1 drop, QID, Eye Both, 12 Months 13/06/2017 01:06 PM - 08/06/2018 01:06 PM	15 bott	0 <input type="checkbox"/> Alternate	0 bottle	11 bott (121 day(s))	Remarks	<input type="checkbox"/> Detail	0 bott			Ackr	
Hypromellose 0.3%, Carbomer 980 Ophthalmic Gel			4 tube									

Figure 3.2.3-5 Updated Prescription

**Note**

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



**ALTERNATE DRUG DETAILS**

Location: Farmasi Pesakit Dalam  
 Ordered Drug Code: C10AA01000T1001XX  
 Ordered Drug Desc: Simvastatin 10 mg Tablet  
 Dispense UOM: tablet

Order Detail: 50 mg, OD, 120 Days  
 Dosage Form: Oral Tablet  
 Route: Oral  
 Supply Duration: 30 days Date From: 16/10/2019 to: 15/11/2019

**BATCH DETAIL**  
 pack of 15 tablet

No	Drug Name	Dosage Form	Route	Qty per dose	Batch	Expiry Date	Available Qty	SKU	Allocation Qty	Select
1	Simvastatin 10 mg Tablet	Oral Tablet	Oral	0 tablet	2862926	31/03/2020	17536	tablet	0	<input type="checkbox"/>
				0 tablet	2875167	30/04/2020	19000	tablet	0	<input type="checkbox"/>
				0 tablet	2891177	30/06/2020	5000	tablet	0	<input type="checkbox"/>
				0 tablet	2905397	31/08/2020	5000	tablet	0	<input type="checkbox"/>
				0 tablet	2939175	31/12/2020	5000	tablet	0	<input type="checkbox"/>
				0 tablet	2957766	29/02/2021	10000	tablet	0	<input type="checkbox"/>
2	Simvastatin 40 mg Tablet	Oral Tablet	Oral	0 tablet	2981238	31/05/2021	4000	tablet	0	<input type="checkbox"/>
				0 tablet	2891482	30/06/2020	13000	tablet	0	<input type="checkbox"/>
				0 tablet	2906759	31/08/2020	16500	tablet	0	<input type="checkbox"/>
				0 tablet	2921458	31/10/2020	31500	tablet	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

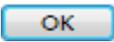
**Note**

Dispense OUM is available to select as per Figure 3.2.4-2

**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**

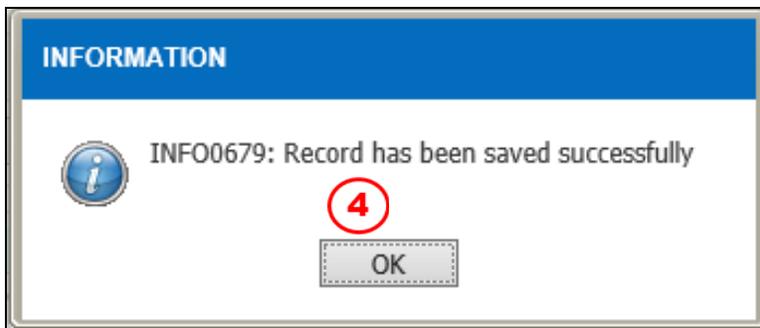


Figure 3.2.4-3 Information Alert Message

PRESCRIPTION												
	Drug Name	Order Detail	Order Qty	Reserve Qty	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Prev Disp Qty	Extemporaneous	Prescriber Name	
<input type="checkbox"/>	Methylphenidate HCl 20 mg LA Capsule  	20 mg, OM, Oral, 181 Days 27/07/2017 09:26 AM - 24/01/2018 09:26 AM	181 capsule	0 <input type="checkbox"/> <a href="#">Alternate(C)</a>	0 capsule	150 capsule (0 day(s))	Remarks	<input type="checkbox"/> Detail	0 capsule			Actr
	Methylphenidate HCl 10 mg Tablet			32 tablet								
	Methylphenidate HCl 18 mg Extended-release Tablet			16 tablet								

Figure 3.2.4-4 Updated Prescription

### 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

**PHARMACY ORDER**

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

Next Collection Date: 14/11/2019 Total Patient: 2 Next Collection Mode: [Dropdown] Dispense At: [Dropdown]

Supply Duration: 30 Days Next Collection Location: FARMASI KLINIK PAKAR Next Dispense At: [Dropdown]

Adherence Score: [Dropdown] MPR: [Dropdown]

---

**PRESCRIPTION**

1 [Hold] [Refresh] [Print] [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	Prescri Nam
Lamotrigine 50 mg Tablet	50 mg, OD, Oral, 120 Days 15/10/2019 09:38 AM - 12/02/2020 09:38 AM	120 tablet	0 tablet	0 POMs Alternate(C)	0 tablet	0 tablet	120 tablet (120 day(s))	Remarks	Detail		
Topiramate 100 mg Tablet	100 mg, BID, Oral, 120 Days 15/10/2019 09:36 AM - 12/02/2020 09:36 AM	240 tablet	0 tablet	0 POMs Alternate(C)	0 tablet	0 tablet	240 tablet (120 day(s))	Remarks	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

**HOLD ORDER - PHARMACIST REMARKS**

[Info] [Hold] [Close]

Drug Name	Reason	Other Reason	Remark
Mometasone Furoate 50 mcg Aqueous Nasal Spray	Intervention Authenticity Contraindication Drug Interaction Inappropriate Dose Inappropriate Drug Inappropriate Duration Inappropriate Frequency Incompatibility Intervention Others Patient Refused Polypharmacy		

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
- Others
- Polypharmacy
- Suggest to Monitor Vital Signs/Lab Result
- Wrong Patient

### Note

- Drug status will change back to Acknowledged/Hold for Partial Supply prescription (Screening and Verification screen).
- Drug status will change back to Ordered/Hold for New Order prescription (Screening and Verification screen).
- Enter the **Remarks** field with applicable information.

## STEP 3

Click on the  button to proceed Hold

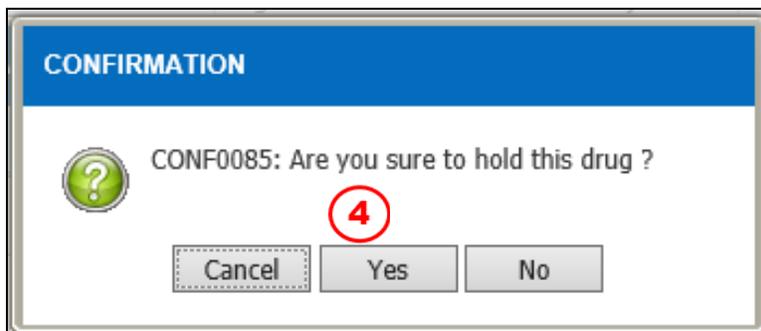


Figure 3.2.5-3 Confirmation Alert Message

## STEP 4

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

## Resume

Drug Name	Order Detail	Order Qty	Prev Disp Qty	Quantity	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneous	Prescri Name
Lamotrigine 50 mg Tablet	50 mg, OD, Oral, 120 Days 15/10/2019 09:38 AM - 12/02/2020 09:38 AM	120 tablet	0 tablet	0	0 POMs Alternate(C)	0 tablet	120 tablet (120 day(s))	Remarks	Detail		
Topiramate 100 mg Tablet	100 mg, BID, Oral, 120 Days 15/10/2019 09:36 AM - 12/02/2020 09:36 AM	240 tablet	0 tablet	0	0 POMs Alternate(C)	0 tablet	240 tablet (120 day(s))	Remarks	Detail		

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

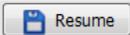
Drug Name	Reason	Other Reason	Remark	Action Taken
Mometasone Furoate 50 mcg Aqueous Nasal Spray	Intervention		Change	

Figure 3.2.5-5 Resume Order Screen

### STEP 2

Enter information in the **Action Taken** field

### STEP 3

Click on the  button

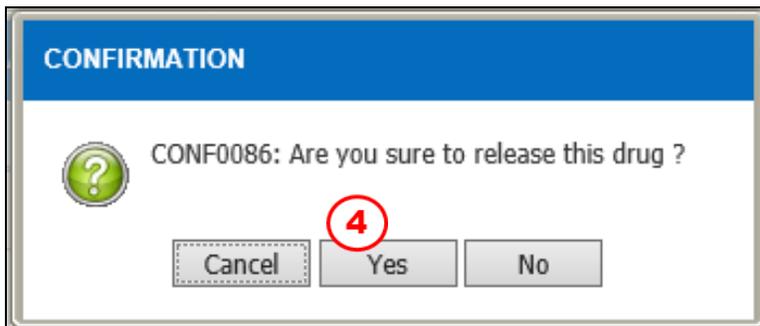


Figure 3.2.5-6 Confirmation Alert Message

**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 for Partial Supply prescription (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)
- Under dispensing screen, there will be an additional button called Error Factor to update errors according to Figure 3.2.5-7 and Figure 3.2.5-8

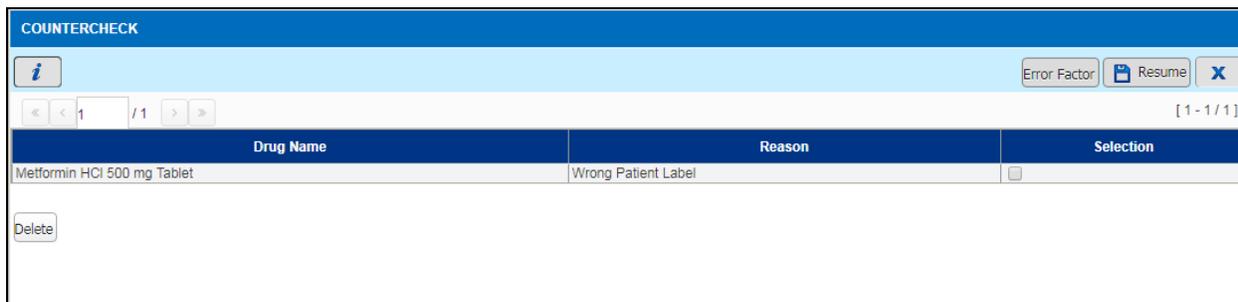


Figure 3.2.5-7 Countercheck



Figure 3.2.5-8 Error Factor



### 3.2.6 Patient Own Medication (POMs Drug)

This function is for dispense Own Medication drug

**SCREENING AND VERIFICATION**

TXX XXX XXX Mykad 830000000000 Age 39 Years 07 Months 24 Days Gender Female MRN HI

Address Phone And Email Diagnosis No known Allergies

Height cm Weight kg BMI/BSA 0/0 m<sup>2</sup> Update (Last Updated : ) Nationality : Warganegara

Encounter No: 0001 Actual Visit Date: 14/12/2021 Attending Practitioner: Visit Location: KLINIK PAKAR PERUBATAN Rx No: MOPC002731075 Order By: Prescriber Dept.: General Medicine

**PHARMACY ACKNOWLEDGEMENT**

Print Queue No

Patient Arrived Queue Series Normal Queue No 2738 Arrival Time 14/12/2021 12:07 PM Collector Name TXX XXX XXX Relationship Patient

**PHARMACY ORDER**

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

Next Collection Date 13/01/2022 Total Patient 5 Next Collection Mode Normal Collection

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

Adherence Score MPR History 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	Extemporaneous	Prescriber Name
Frusemide 40 mg Tablet	40 mg, OM, Oral, 3 Months 14/12/2021 11:59 AM - 14/03/2022 11:59 AM	90 tablet	0 tablet	0 <input type="checkbox"/> POMs	0 tablet	0 tablet	90 tablet (90 day(s))	Remarks	<a href="#">Detail</a>		
Lorazepam 1 mg Tablet	1 mg, HS, Oral, 3 Months 14/12/2021 11:59 AM - 14/03/2022 11:59 AM	90 tablet	0 tablet	0 <input type="checkbox"/> POMs	0 tablet	0 tablet	90 tablet (90 day(s))	Remarks	<a href="#">Detail</a>		
Paracetamol 500 mg Tablet	2 tablet, PRN, Oral, 3 Months 14/12/2021 11:59 AM - 14/03/2022 11:59 AM	30 tablet	0 tablet	0 <input type="checkbox"/> POMs <a href="#">Alternate</a>	0 tablet	0 tablet	30 tablet (90 day(s))	Remarks	<a href="#">Detail</a>		
Amoxicillin 500 mg Clavulanate 125 mg Tablet	625 mg, Q12H, Oral, 3 Months 14/12/2021 11:59 AM - 14/03/2022 11:59 AM	180 tablet	0 tablet	0 <input checked="" type="checkbox"/> POMs <a href="#">Alternate</a>	0 tablet <b>1</b>	0 tablet	180 tablet (90 day(s))	Remarks	<a href="#">Detail</a>		

Figure 3.2.5-1 Screening and Verification

**Note**  
Drug that recorded as Own Medication in record prescription will display by purple in color as shown in Figure 3.2.5-1

**STEP 1**

Click on the POMs Received hyperlink and POMs Received Quantity and Label Printing screen will display as Figure 3.2.5-2

**POMS RECEIVED QUANTITY AND LABEL PRINTING**

POMs Label

Drug Name Amoxicillin 500 mg Clavulanate 125 mg Tal Default SKU tablet

Order Details 625 mg, Q12H, Oral Tablet, Oral, 14/12/2021 (3 Months) POMs Received Quantity 60 **2**

**3**

Figure 3.2.5-2 POMs Received Quantity and Label Printing

**STEP 2**

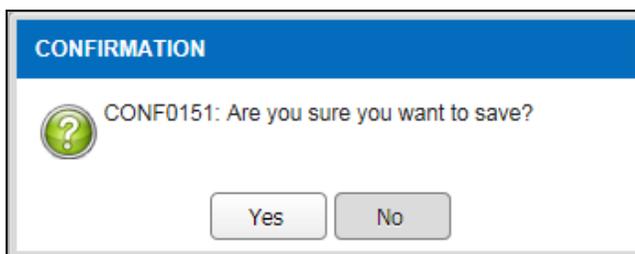
Enter **POMs Received Quantity**

**Note**

**POMs Received Quantity** field will always be editable by user

**STEP 3**

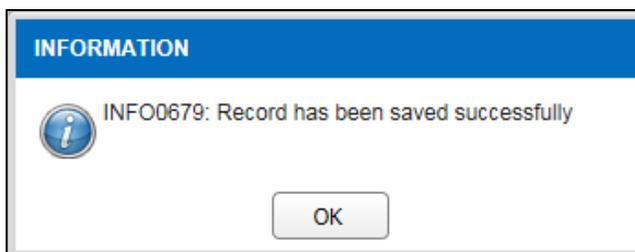
Click on the  button and Confirmation Message will display as Figure 3.2.5-3



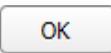
**Figure 3.2.5-3 Confirmation Message**

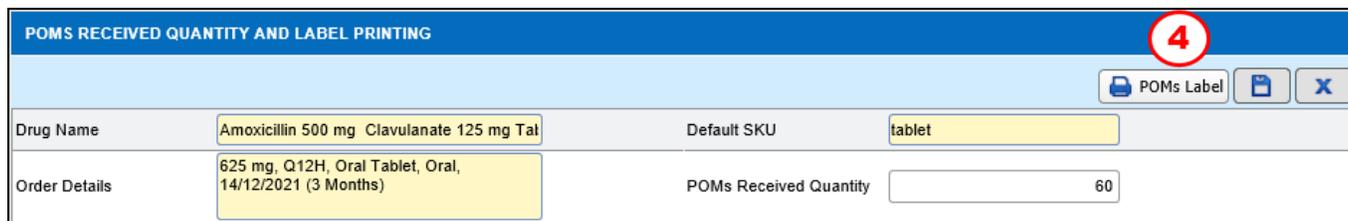
**Note**

- Click on the  button and Information Message will display as Figure 3.2.5-4



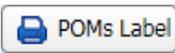
**Figure 3.2.5-4 Information Message**

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



**Figure 3.2.5-5 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

HOSP. PAKAR SULTANAH FATIMAH (Tel: 069521901)		
<b>PATIENT'S OWN MEDICINES (POMs)</b>		
TXX XXX XXX		
HPSF00328351	KLINIK PAKAR PERUBATAN	8:30-5:00 PM
<b>Amoxicillin 500 mg Clavulanate 125 mg Tablet</b>		
Ambil 1 biji Setiap 12 jam		
-		
Boleh diambil SEBELUM ATAU SELEPAS makan. Makan pada masa ditetapkan dan habiskan makan ubat ini. Jumpa doktor sekiranya ada berlaku alahan.		
14/12/2021	Kuantiti 60 biji	
UBAT TERKAWAL		14/12/2021 12:29 PM

Figure 3.2.5-6 POMS Label

**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: 13/01/2022 Total Patient: 5 Next Collection Mode: Normal Collection

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

Adherence Score: [ ] MPR: [ ] History

Next Dispense At: Pharmacy Counter

---

**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	
<input type="checkbox"/>	Frusemide 40 mg Tablet	40 mg, OM, Oral, 3 Months 14/12/2021 11:59 AM - 14/03/2022 11:59 AM	90 tablet	0 tablet	0 <input type="checkbox"/> POMs	0 tablet	0 tablet	90 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		[ ]	Ackn
<input type="checkbox"/>	Lorazepam 1 mg Tablet	1 mg, HS, Oral, 3 Months 14/12/2021 11:59 AM - 14/03/2022 11:59 AM	90 tablet	0 tablet	0 <input type="checkbox"/> POMs	0 tablet	0 tablet	90 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		[ ]	Ackn
<input type="checkbox"/>	Paracetamol 500 mg Tablet	2 tablet, PRN, Oral, 3 Months 14/12/2021 11:59 AM - 14/03/2022 11:59 AM	30 tablet	0 tablet	0 <input type="checkbox"/> POMs <a href="#">Alternate</a>	0 tablet	0 tablet	30 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		[ ]	Ackn
<input type="checkbox"/>	Amoxicillin 500 mg Clavulanate 125 mg Tablet	625 mg, Q12H, Oral, 3 Months 14/12/2021 11:59 AM - 14/03/2022 11:59 AM	180 tablet	0 tablet	1 <input checked="" type="checkbox"/> POMs <a href="#">Alternate</a>	60 tablet	0 tablet	180 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		[ ]	Ackn

**Figure 3.2.5-7 Screening and Verification**

**Note**

Drug that recorded as Own Medication in record prescription will display by purple in color as shown in Figure 3.2.5-7

**STEP 1**

Uncheck POMs  checkbox and Confirmation Message will display as Figure 3.2.5-8

**CONFIRMATION**

 CONF7280: Do you want to update this POMs flag?

**Figure 3.2.5-7 Confirmation Message**

**Note**

- Click on the  button and the drug will be updated to Normal Drug as shown in Figure 3.2.5-8

PHARMACY ORDER

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

Next Collection Date: 13/01/2022 Total Patient: 5 Next Collection Mode: Normal Collection

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

Adherence Score:  MPR:  [History](#) Next Dispense At: Pharmacy Counter

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	
<input type="checkbox"/>	Frusemide 40 mg Tablet	40 mg, OM, Oral, 3 Months 14/12/2021 11:59 AM - 14/03/2022 11:59 AM	90 tablet	0 tablet	0 <input type="checkbox"/> POMs	0 tablet	0 tablet	90 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail			Ackn
<input type="checkbox"/>	Lorazepam 1 mg Tablet	1 mg, HS, Oral, 3 Months 14/12/2021 11:59 AM - 14/03/2022 11:59 AM	90 tablet	0 tablet	0 <input type="checkbox"/> POMs	0 tablet	0 tablet	90 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail			Ackn
<input type="checkbox"/>	Paracetamol 500 mg Tablet	2 tablet, PRN, Oral, 3 Months 14/12/2021 11:59 AM - 14/03/2022 11:59 AM	30 tablet	0 tablet	0 <input type="checkbox"/> POMs <a href="#">Alternate</a>	0 tablet	0 tablet	30 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail			Ackn
<input type="checkbox"/>	Amoxicillin 500 mg Clavulanate 125 mg Tablet	625 mg, Q12H, Oral, 3 Months 14/12/2021 11:59 AM - 14/03/2022 11:59 AM	180 tablet	0 tablet	0 <input type="checkbox"/> POMs <a href="#">Alternate</a>	0 tablet	0 tablet	180 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail			Ackn

**Figure 3.2.5-8 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**
- POMs Received will be automatically change to '0'
- User is allowed to update back to 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: 13/01/2022 Total Patient: 5      Next Collection Mode: Normal Collection

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

Adherence Score:  MPR:  [History](#)      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	Extemporaneous	Prescriber Name
<input type="checkbox"/> Frusemide 40 mg Tablet	40 mg, OM, Oral, 3 Months 14/12/2021 11:59 AM - 14/03/2022 11:59 AM	90 tablet	0 tablet	0 <input type="checkbox"/> POM	<span style="border: 2px solid red; border-radius: 50%; padding: 2px;">1</span> <input type="checkbox"/> POM	0 tablet	90 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		Prescriber Name
<input type="checkbox"/> Lorazepam 1 mg Tablet	1 mg, HS, Oral, 3 Months 14/12/2021 11:59 AM - 14/03/2022 11:59 AM	90 tablet	0 tablet	0 <input type="checkbox"/> POMs	0 tablet	0 tablet	90 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		Prescriber Name
<input type="checkbox"/> Paracetamol 500 mg Tablet	2 tablet, PRN, Oral, 3 Months 14/12/2021 11:59 AM - 14/03/2022 11:59 AM	30 tablet	0 tablet	0 <input type="checkbox"/> POMs	0 tablet	0 tablet	30 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		Prescriber Name
<input type="checkbox"/> Amoxicillin 500 mg Clavulanate 125 mg Tablet	625 mg, Q12H, Oral, 3 Months 14/12/2021 11:59 AM - 14/03/2022 11:59 AM	180 tablet	0 tablet	0 <input type="checkbox"/> POMs	0 tablet	0 tablet	180 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		Prescriber Name

**Figure 3.2.5-9 Screening and Verification**

**STEP 1**

Click on the POMs  checkbox for the selected normal drug and Confirmation Message will display as Figure 3.2.5-10

**CONFIRMATION**

CONF7280: Do you want to update this POMs flag?

Cancel
Yes
No

**Figure 3.2.5-10 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 3.2.5-11

PRESCRIPTION												
	Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneous	Prescriber Name
<input type="checkbox"/>	Fruseside 40 mg Tablet	40 mg, OM, Oral, 3 Months 14/12/2021 11:59 AM - 14/03/2022 11:59 AM	90 tablet	0 tablet	0 <input checked="" type="checkbox"/> POMs	0 tablet	0 tablet	90 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		Ackn
<input type="checkbox"/>	Lorazepam 1 mg Tablet	1 mg, HS, Oral, 3 Months 14/12/2021 11:59 AM - 14/03/2022 11:59 AM	90 tablet	0 tablet	0 <input type="checkbox"/> POMs	0 tablet	0 tablet	90 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		Ackn
<input type="checkbox"/>	Paracetamol 500 mg Tablet	2 tablet, PRN, Oral, 3 Months 14/12/2021 11:59 AM - 14/03/2022 11:59 AM	30 tablet	0 tablet	0 <input type="checkbox"/> POMs <a href="#">Alternate</a>	0 tablet	0 tablet	30 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		Ackn
<input type="checkbox"/>	Amoxicillin 500 mg Clavulanate 125 mg Tablet	625 mg, Q12H, Oral, 3 Months 14/12/2021 11:59 AM - 14/03/2022 11:59 AM	180 tablet	0 tablet	0 <input type="checkbox"/> POMs <a href="#">Alternate</a>	0 tablet	0 tablet	180 tablet (90 day(s))	Remarks	<input type="checkbox"/> Detail		Ackn

Figure 3.2.5-12 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 3.2.5-13

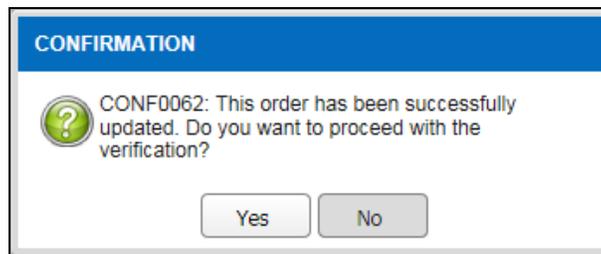


Figure 3.2.5-13 Confirmation Message

- Click on the  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

PHARMACY ORDER

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

Next Collection Date: 10/02/2022      Total Patient: 3      Next Collection Mode: Normal Collection

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

Adherence Score:  MPR: 0 [History](#)      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	Extemporaneous	Prescriber Name
Frusemide 40 mg Tablet	40 mg, OM, Oral, 3 Months 14/12/2021 11:59 AM - 14/03/2022 11:59 AM	90 tablet	0 tablet	0 <input type="checkbox"/> POMs	0 tablet	0 tablet	90 tablet (89 day(s))	Remarks	<a href="#">Detail</a>		Ackn
Amoxicillin 500 mg Clavulanate 125 mg Tablet	625 mg, Q12H, Oral, 3 Months 14/12/2021 11:59 AM - 14/03/2022 11:59 AM	180 tablet	0 tablet	0 <input checked="" type="checkbox"/> POMs	0 tablet	0 tablet	180 tablet (89 day(s))	Remarks	<a href="#">Detail</a>		Ackn
Lorazepam 1 mg Tablet	1 mg, HS, Oral, 3 Months 14/12/2021 11:59 AM - 14/03/2022 11:59 AM	90 tablet	30 tablet (14/12/2021)	0 <input type="checkbox"/> POMs	0 tablet	0 tablet	60 tablet (60 day(s))	Remarks	<a href="#">Detail</a>		Partia
Paracetamol 500 mg Tablet	2 tablet, PRN, Oral, 3 Months 14/12/2021 11:59 AM - 14/03/2022 11:59 AM	30 tablet	10 tablet (14/12/2021)	0 <input type="checkbox"/> POMs	0 tablet	0 tablet	20 tablet (60 day(s))	Remarks	<a href="#">Detail</a>		Partia

Figure 3.2.5-14 Screening and Verification

#### STEP 1

Uncheck POMs  checkbox and Confirmation Message will display as Figure 3.2.5-15

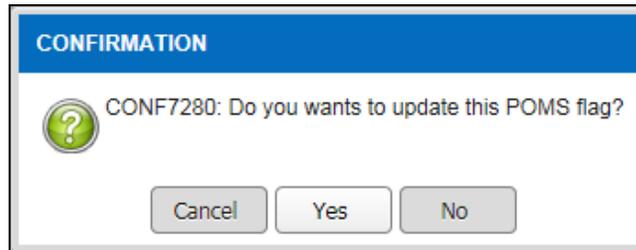


Figure 3.2.5-15 Confirmation Message

#### Note

- Click on the  button and the drug will be updated to Normal Drug as shown in Figure 3.2.5-16

PRESCRIPTION												
	Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneous	Prescriber Name
<input type="checkbox"/>	Fruzemide 40 mg Tablet	40 mg, OM, Oral, 3 Months 14/12/2021 11:59 AM - 14/03/2022 11:59 AM	90 tablet	0 tablet	0 <input checked="" type="checkbox"/> POMs	0 tablet	0 tablet	90 tablet (89 day(s))	Remarks	<input type="checkbox"/> Detail		Ackn
<input type="checkbox"/>	Amoxicillin 500 mg Clavulanate 125 mg Tablet	625 mg, Q12H, Oral, 3 Months 14/12/2021 11:59 AM - 14/03/2022 11:59 AM	180 tablet	0 tablet	0 <input type="checkbox"/> POMs <a href="#">Alternate</a>	0 tablet	0 tablet	120 tablet (89 day(s))	Remarks	<input type="checkbox"/> Detail		Ackn
<input type="checkbox"/>	Lorazepam 1 mg Tablet	1 mg, HS, Oral, 3 Months 14/12/2021 11:59 AM - 14/03/2022 11:59 AM	90 tablet	30 tablet (14/12/2021)	0 <input type="checkbox"/> POMs	0 tablet	0 tablet	60 tablet (60 day(s))	Remarks	<input type="checkbox"/> Detail		Partic
<input type="checkbox"/>	Paracetamol 500 mg Tablet	2 tablet, PRN, Oral, 3 Months 14/12/2021 11:59 AM - 14/03/2022 11:59 AM	30 tablet	10 tablet (14/12/2021)	0 <input type="checkbox"/> POMs <a href="#">Alternate</a>	0 tablet	0 tablet	20 tablet (60 day(s))	Remarks	<input type="checkbox"/> Detail		Partic

Figure 3.2.5-16 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:
  - Order POMs drug with frequency OD for 5 days
  - Allocate POMs Reserve Quantity for 3 days = 3 tablets (previous dispensing)
  - 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  checkbox

### Partial Supply (Update from Normal Drug to POMs)

Open partial supply record at Screening and verification

PHARMACY ORDER

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

Next Collection Date: 10/02/2022 Total Patient: 3 Next Collection Mode: Normal Collection

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

Adherence Score:  MPR: 0 [History](#) Next Dispense At: Pharmacy Counter

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	
<input type="checkbox"/>	Frusamide 40 mg Tablet	40 mg, OM, Oral, 3 Months 14/12/2021 11:59 AM - 14/03/2022 11:59 AM	90 tablet	0 tablet	0 <input type="checkbox"/> <input checked="" type="checkbox"/> POMs	0 tablet	0 tablet	90 tablet (89 day(s))	Remarks	<input type="checkbox"/> Detail			Ackn
<input type="checkbox"/>	Amoxicillin 500 mg Clavulanate 125 mg Tablet	625 mg, Q12H, Oral, 3 Months 14/12/2021 11:59 AM - 14/03/2022 11:59 AM	180 tablet	0 tablet	0 <input type="checkbox"/> <input checked="" type="checkbox"/> POMs <a href="#">Alternate</a>	0 tablet	0 tablet	180 tablet (89 day(s))	Remarks	<input type="checkbox"/> Detail			Ackn
<input type="checkbox"/>	Lorazepam 1 mg Tablet	1 mg, HS, Oral, 3 Months 14/12/2021 11:59 AM - 14/03/2022 11:59 AM	90 tablet	30 tablet (14/12/2021)	0 <input type="checkbox"/> <input type="checkbox"/> POMs	0 tablet	0 tablet	60 tablet (60 day(s))	Remarks	<input type="checkbox"/> Detail			Partia
<input type="checkbox"/>	Paracetamol 500 mg Tablet	2 tablet, PRN, Oral, 3 Months 14/12/2021 11:59 AM - 14/03/2022 11:59 AM	30 tablet	10 tablet (14/12/2021)	0 <input type="checkbox"/> <input type="checkbox"/> POMs <a href="#">Alternate</a>	0 tablet	0 tablet	20 tablet (60 day(s))	Remarks	<input type="checkbox"/> Detail			Partia

Figure 3.2.5-17 Screening and Verification

**STEP 1**

Click on the POMs  checkbox for the selected normal drug and Confirmation Message will display as Figure 3.2.5-18

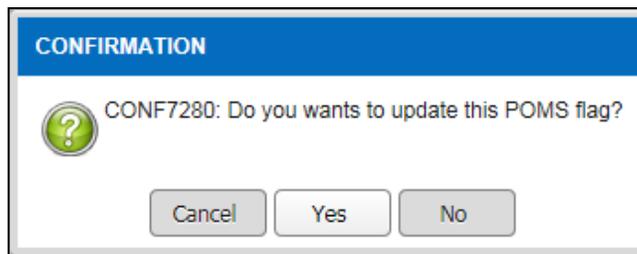


Figure 3.2.5-18 Confirmation Message

**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 3.2.5-19

PRESCRIPTION													
<span>ENGLISH</span> <span>PROCEED TO PREPARATION</span> <span>Label</span> <span>Label</span> <span>Full Supply</span> <span>Allocate</span> <span>Verify</span>													
	Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneous	Prescriber Name	
<input type="checkbox"/>	Furosemide 40 mg Tablet	40 mg, OM, Oral, 3 Months 14/12/2021 11:59 AM - 14/03/2022 11:59 AM	90 tablet	0 tablet	0 <input checked="" type="checkbox"/> POMs	0 tablet	0 tablet	90 tablet (89 day(s))	Remarks	<input type="checkbox"/> Detail			Ackn
<input type="checkbox"/>	Amoxicillin 500 mg Clavulanate 125 mg Tablet	625 mg, Q12H, Oral, 3 Months 14/12/2021 11:59 AM - 14/03/2022 11:59 AM	180 tablet	0 tablet	0 <input type="checkbox"/> POMs <a href="#">Alternate</a>	0 tablet	0 tablet	120 tablet (89 day(s))	Remarks	<input type="checkbox"/> Detail			Ackn
<input type="checkbox"/>	Lorazepam 1 mg Tablet	1 mg, HS, Oral, 3 Months 14/12/2021 11:59 AM - 14/03/2022 11:59 AM	90 tablet	30 tablet (14/12/2021)	0 <input checked="" type="checkbox"/> POMs	0 tablet	0 tablet	60 tablet (60 day(s))	Remarks	<input type="checkbox"/> Detail			Parti
<input type="checkbox"/>	Paracetamol 500 mg Tablet	2 tablet, PRN, Oral, 3 Months 14/12/2021 11:59 AM - 14/03/2022 11:59 AM	30 tablet	10 tablet (14/12/2021)	0 <input type="checkbox"/> POMs <a href="#">Alternate</a>	0 tablet	0 tablet	20 tablet (60 day(s))	Remarks	<input type="checkbox"/> Detail			Parti

Figure 3.2.5-20 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.

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 -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"> <li>- All</li> <li>- Appointment Card</li> <li>- Comm. Apps in Smart Phone</li> <li>- Email and Take</li> <li>- Fax and Take</li> <li>- Leave and Collect</li> <li>- Locker4U</li> <li>- Normal Collection</li> <li>- Others</li> <li>- Telephone And Take</li> <li>- UMP</li> <li>- Walk-in/Without Appointment</li> </ul>		Allow user to search by patient registered with value added services for next collection
g	Order Status	<ul style="list-style-type: none"> <li>- All</li> <li>- New Order</li> <li>- Partial Supply</li> </ul>		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"> <li>- All</li> <li>- Hold</li> <li>- Expired</li> </ul>		Able to filter by prescription status
<b>Advanced Search</b>				
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"> <li>- All</li> <li>- Clinic</li> <li>- Day Care</li> <li>- ER</li> <li>- Nursing Unit</li> <li>- Pharmacy</li> </ul>		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"> <li>- All</li> <li>- Normal</li> <li>- Express</li> <li>- Special</li> <li>- Others</li> </ul>		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"> <li>- All</li> <li>- Drive Through Counter</li> <li>- Pharmacy Counter</li> <li>- Bedside</li> <li>- PPUSS</li> </ul>	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
- 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

The screenshot displays the 'PHARMACY ORDER' section of the software. At the top, there are tabs for 'PHARMACY ACKNOWLEDGEMENT' and 'PHARMACY ORDER'. Below these, there are fields for 'Patient Arrived', 'Queue Series', 'Queue No', 'Arrival Time', 'Collector Name', and 'Relationship'. The 'PHARMACY ORDER' section includes fields for 'Clinic TCA', 'Next Collection Date', 'Supply Duration', 'Adherence Score', 'Current Collection Mode', 'Next Collection Mode', 'Next Collection Location', 'SPUB Out', 'Dispense At', and 'Next Dispense At'. A toolbar at the bottom of the order section contains icons for 'ENGLISH', 'PROCEED TO PREPARATION', 'Invoice', 'Worksheet', 'Balance Medication Sheet', 'Label', 'Full Supply', 'Allocate', and 'Prepare'. The 'PRESCRIPTION' table below lists three items: Paracetamol 500 mg Tablet, Prednisolone 5 mg Tablet, and Metformin HCl 500 mg Tablet. A red circle with the number '4' is placed over the 'Prepare' icon in the toolbar.

**Figure 3.3.1-2 Preparation**

**STEP 4**

Click on the button to proceed 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
  - i. Screening and verification
  - ii. Preparation
  - iii. Dispensing
  - iv. Single Stage
- Medication Possession Rate (MPR) value will be calculated for partial supply prescription only.
- MPR Formula:
  - i. To count MPR for all active drugs but display minimum MPR at prescription level.
  - ii. 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 =  $(40/13) \times 100 = \underline{308}$

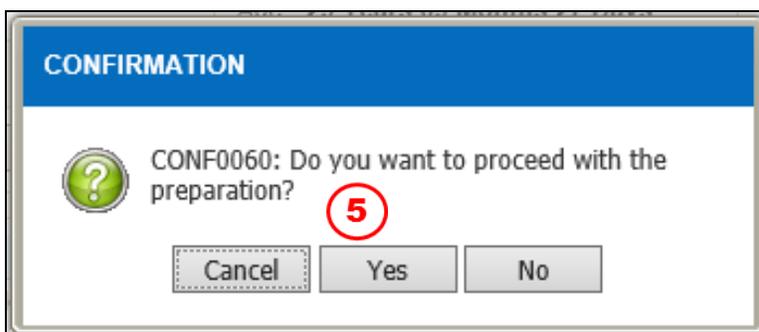
MPR at prescription level = minimum MPR for all active drug = 200

**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.

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
Paracetamol 500 mg Tablet	2 tablet, BID, Oral, 3 Months 09/12/2021 11:45 AM - 09/03/2022 11:45 AM	360 tablet	120 tablet (12/12/2021)	120 <input type="checkbox"/> POMs Alternate	0 tablet	120 tablet	120 tablet (27 day(s))	Remarks <input type="checkbox"/> Detail				Partially Dispensed
Prednisolone 5 mg Tablet	10 mg, OD, Oral, 3 Months 09/12/2021 11:46 AM - 09/03/2022 11:46 AM	180 tablet	60 tablet (12/12/2021)	60 <input type="checkbox"/> POMs	0 tablet	60 tablet	60 tablet (27 day(s))	Remarks <input type="checkbox"/> Detail	<input type="checkbox"/> Detail			Partially Dispensed
Metformin HCl 500 mg Tablet	1000 mg, BID, Oral, 3 Months 09/12/2021 11:46 AM - 09/03/2022 11:46 AM	360 tablet	120 tablet (12/12/2021)	120 <input type="checkbox"/> POMs Alternate	0 tablet	120 tablet	120 tablet (27 day(s))	Remarks <input type="checkbox"/> Detail				Partially Dispensed

Figure 3.3.2-1 Preparation

**Note**

Repeat step 1 and 3 as per section 3.3.1 Prepare before performs Allocate Quantity steps.

**STEP 1**

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

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	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
[ Save ] [ Refresh ] [ Close ]

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 / 1 >>
[ 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	Quantity available by UOM
Allocated Qty	Reserved quantity from the selected batch. Allocated quantity cannot be more than the available quantity and order quantity.

**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 | VAS History |

Encounter No: 0001 Actual Visit Date: 09/12/2021 Attending Practitioner: [Redacted] Visit Location: KLINIK PAKAR PERUBATAN Rx No: MOPC0002731068 Order By: [Redacted] Prescriber Dept.: General Medicine

**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: 10/02/2022 Total Patient: 2 Next Collection Mode: Normal Collection

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

Adherence Score: [ ] MPR: [ ] History

Next Dispense At: Pharmacy Counter

**PRESCRIPTION** ENGLISH  PROCEED TO PREPARATION 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 C	Extemporaneous	Prescriber Name	Drug Status
Paracetamol 500 mg Tablet	2 tablet, BID, Oral, 3 Months 09/12/2021 11:45 AM - 09/03/2022 11:45 AM	360 tablet	120 tablet (12/12/2021)	120 <input type="checkbox"/> POMs Alternate	0 tablet	120 tablet	120 tablet (27 day(s))	Remarks <input type="checkbox"/> Detail			[Redacted]	Partially Dispensed
Prednisolone 5 mg Tablet	10 mg, OD, Oral, 3 Months 09/12/2021 11:46 AM - 09/03/2022 11:46 AM	180 tablet	60 tablet (12/12/2021)	60 <input type="checkbox"/> POMs	0 tablet	60 tablet	60 tablet (27 day(s))	Remarks <input type="checkbox"/> Detail	<input type="checkbox"/> Detail		[Redacted]	Partially Dispensed
Metformin HCl 500 mg Tablet	1000 mg, BID, Oral, 3 Months 09/12/2021 11:46 AM - 09/03/2022 11:46 AM	360 tablet	120 tablet (12/12/2021)	120 <input type="checkbox"/> POMs Alternate	0 tablet	120 tablet	120 tablet (27 day(s))	Remarks <input type="checkbox"/> Detail			[Redacted]	Partially Dispensed

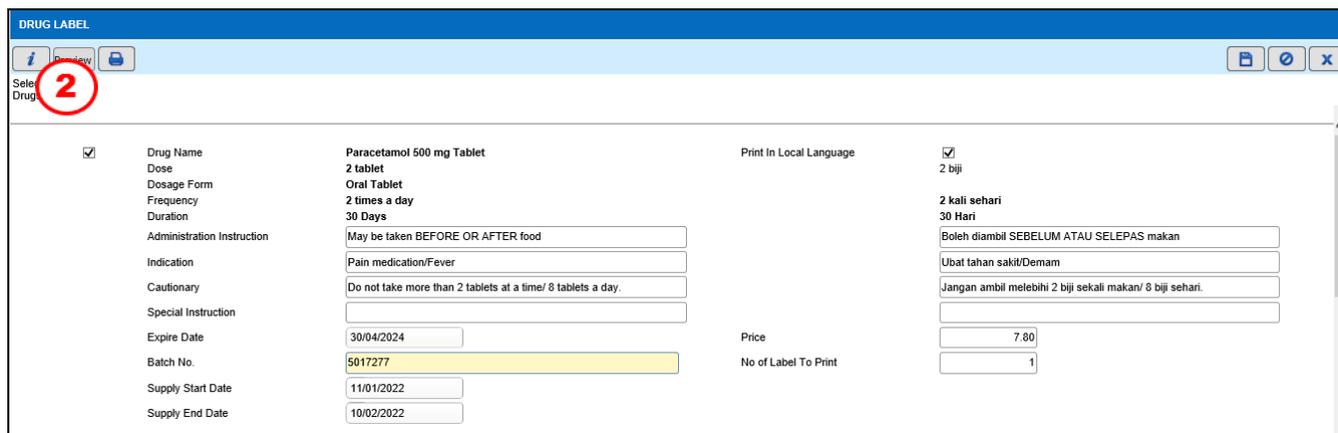
Figure 3.3.3-1 Preparation

**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 .



Field	Value	Field	Value
<input checked="" type="checkbox"/> Drug Name	Paracetamol 500 mg Tablet	Print In Local Language	<input checked="" type="checkbox"/>
Dose	2 tablet		2 biji
Dosage Form	Oral Tablet		2 kali sehari
Frequency	2 times a day		30 Hari
Duration	30 Days		Boleh diambil SEBELUM ATAU SELEPAS makan
Administration Instruction	May be taken BEFORE OR AFTER food		Ubat tahan sakit/Demam
Indication	Pain medication/Fever		Jangan ambil melebihi 2 biji sekali makan/ 8 biji sehari.
Cautionary	Do not take more than 2 tablets at a time/ 8 tablets a day.		
Special Instruction			
Expire Date	30/04/2024	Price	7.00
Batch No.	5017277	No of Label To Print	1
Supply Start Date	11/01/2022		
Supply End Date	10/02/2022		

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



**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

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

Encounter No: 0001 Actual Visit Date: 09/12/2021 Attending Practitioner: [Redacted] Visit Location: KLINIK PAKAR PERUBATAN Rx No: MOPC0002731068 Order By: [Redacted] Prescriber Dept.: General Medicine

**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 Mode: Normal Collection SPUB Out:  SPUB SPUB R1 Form: [ ]  
 Next Collection Date: 10/02/2022 Total Patient: 2 Next Collection Mode: Normal Collection  
 Supply Duration: 30 Days Next Collection Location: FARMASI KLINIK PAKAR Dispense At: Pharmacy Counter  
 Adherence Score: [ ] MPR: [ ] History: [ ] Next Dispense At: Pharmacy Counter

**PRESCRIPTION** ENGLISH  PROCEED TO PREPARATION 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	Balance	Remarks	Drug Counselling	Extemporaneous	Prescriber Name	Drug Status
Paracetamol 500 mg Tablet	2 tablet, BID, Oral, 3 Months 09/12/2021 11:45 AM - 09/03/2022 11:45 AM	360 tablet	120 tablet (12/12/2021)	120 <input type="checkbox"/> POMs <a href="#">Alternate</a>	0 tablet	120 tablet (27 day(s))	Remarks <a href="#">Detail</a>	<input type="checkbox"/> <a href="#">Detail</a>	<input type="checkbox"/> <a href="#">Detail</a>	[Redacted]	Partially Dispensed
Prednisolone 5 mg Tablet	10 mg, OD, Oral, 3 Months 09/12/2021 11:46 AM - 09/03/2022 11:46 AM	180 tablet	60 tablet (12/12/2021)	60 <input type="checkbox"/> POMs	0 tablet	60 tablet (27 day(s))	Remarks <a href="#">Detail</a>	<input type="checkbox"/> <a href="#">Detail</a>	<input type="checkbox"/> <a href="#">Detail</a>	[Redacted]	Partially Dispensed
Metformin HCl 500 mg Tablet	1000 mg, BID, Oral, 3 Months 09/12/2021 11:46 AM - 09/03/2022 11:46 AM	360 tablet	120 tablet (12/12/2021)	120 <input type="checkbox"/> POMs <a href="#">Alternate</a>	0 tablet	120 tablet (27 day(s))	Remarks <a href="#">Detail</a>	<input type="checkbox"/> <a href="#">Detail</a>	<input type="checkbox"/> <a href="#">Detail</a>	[Redacted]	Partially Dispensed

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)

ballMedicationSheet\_Report.pdf 1 / 1

**KEMENTERIAN KESIHATAN MALAYSIA  
HOSPITAL PAKAR SULTANAH FATIMAH, MUAR  
BALANCE MEDICATION SHEET**

No Preskripsi : TPN0001802812 (TPN) Tarikh Preskripsi : 20/05/2019  
 Nama : [Redacted] No K/P : [Redacted]  
 Umur : 04 Years 09 Months 10 Days 06/01/2015 MRN : HPSF00215710  
 Lokasi : FARMASI NUTRISI PARENTERAL  
 Alahan : Amoxicillin+, clavulanate Berat : 13.00 kg  
 BMI/BSA : 18.9 / 0.55  
 Diagnosis : Dipreskrib oleh : [Redacted]  
 Temujanji Klinik :

Bil	Maklumat Preskripsi			Maklumat Pendispensan											
	Nama Ubat	Maklumat Dos	Kuantiti Ubat	Tarikh: Kuantiti	Baki	TCA	04/11/2019	Tarikh: Kuantiti	Baki	TCA	Tarikh: Kuantiti	Baki	TCA		
1	Ursodeoxycholic Acid 250 mg Capsule	130 mg, BD (twice daily) - 12 Months, Oral	375 capsule	20	355	F	D								

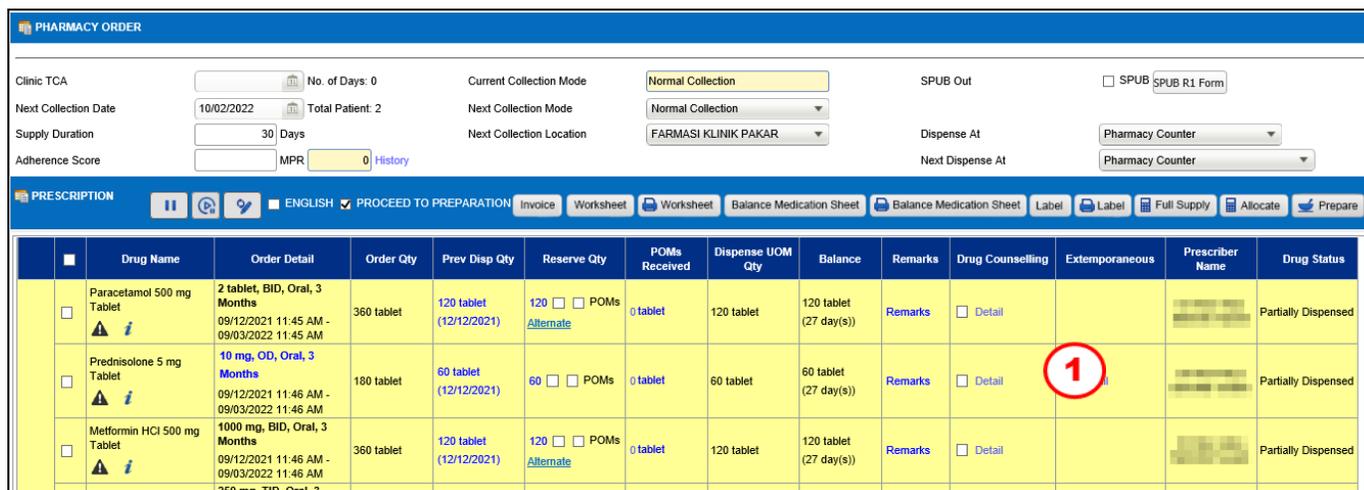
Figure 3.3.3-6 Print Balance Medication Sheet

**STEP 2**

Click on the button to print the sheet

### 3.3.4 Extemporaneous: By Patient

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



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
Paracetamol 500 mg Tablet	2 tablet, BID, Oral, 3 Months 09/12/2021 11:45 AM - 09/03/2022 11:45 AM	360 tablet	120 tablet (12/12/2021)	120 <input type="checkbox"/> POMs Alternate	0 tablet	120 tablet	120 tablet (27 day(s))	Remarks <input type="checkbox"/> Detail	<input type="checkbox"/>	<input type="checkbox"/>	[Redacted]	Partially Dispensed
Prednisolone 5 mg Tablet	10 mg, OD, Oral, 3 Months 09/12/2021 11:46 AM - 09/03/2022 11:46 AM	180 tablet	60 tablet (12/12/2021)	60 <input type="checkbox"/> POMs	0 tablet	60 tablet	60 tablet (27 day(s))	Remarks <input type="checkbox"/> Detail	<input checked="" type="checkbox"/>	<input type="checkbox"/>	[Redacted]	Partially Dispensed
Metformin HCl 500 mg Tablet	1000 mg, BID, Oral, 3 Months 09/12/2021 11:46 AM - 09/03/2022 11:46 AM	360 tablet	120 tablet (12/12/2021)	120 <input type="checkbox"/> POMs Alternate	0 tablet	120 tablet	120 tablet (27 day(s))	Remarks <input type="checkbox"/> Detail	<input type="checkbox"/>	<input type="checkbox"/>	[Redacted]	Partially Dispensed

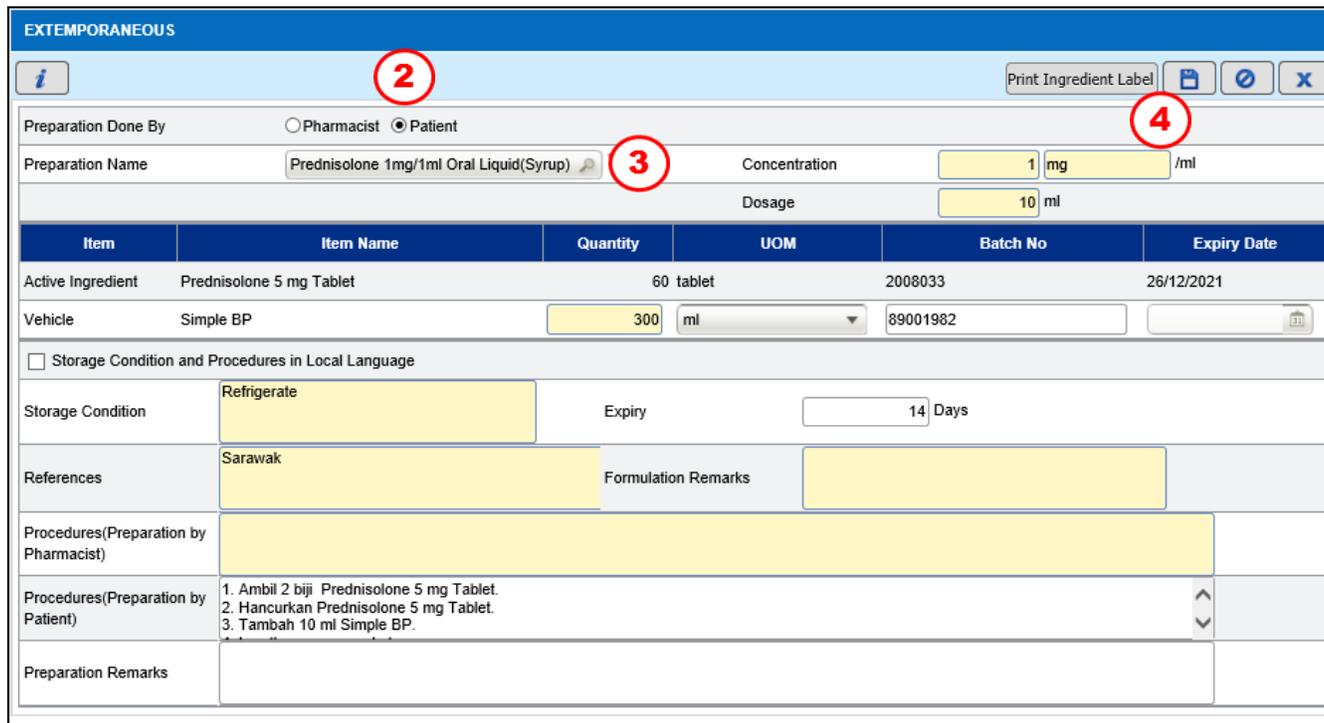
Figure 3.3.4-1 Preparation

**Note**

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

**STEP 1**

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



Preparation Done By:  Pharmacist  Patient

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

Dosage: 10 ml

Item	Item Name	Quantity	UOM	Batch No	Expiry Date
Active Ingredient	Prednisolone 5 mg Tablet	60 tablet		2008033	26/12/2021
Vehicle	Simple BP	300	ml	89001982	

Storage Condition: Refrigerate Expiry: 14 Days

References: Sarawak Formulation Remarks

Procedures(Preparation by Pharmacist)

Procedures(Preparation by Patient):  
 1. Ambil 2 biji Prednisolone 5 mg Tablet.  
 2. Hancurkan Prednisolone 5 mg Tablet.  
 3. Tambah 10 ml Simple BP.

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



HOSP. PAKAR SULTANAH FATIMAH (Tel: 069521901)		
HXXXXX XXXXXX X/X XXXXXXXXXXXXXXX		
HPSF00328363	KLINIK PAKAR PERUBATAN	87XXXXXX5456
<b>Prednisolone 1mg/1ml Oral Liquid</b>		
<b>Ambil 10 ML 1 Kali Sehari</b>		
-		
Sila ambil ubat SELEPAS makan		
Ambil dos ubat mengikut arahan doktor/ ahli farmasi. Jangan berhenti ambil ubat dengan tiba-tiba.		
-		
		EXP:26/12/2021
11/01/22-10/02/22 [30 hari]	300 ml	RM9.00
UBAT TERKAWAL JAUHI DARIPADA KANAK-KANAK 12/12/2021 09:09 PM		

HOSP. PAKAR SULTANAH FATIMAH (Tel: 069521901)		
Cara Penyediaan:		
1. Ambil 2 biji Prednisolone 5 mg Tablet.		
2. Hancurkan Prednisolone 5 mg Tablet.		
3. Tambah 10 ml Simple BP.		
4. Larutkan supaya sekata.		
5. Sukat dan minum 10 ML.		
6. Buat bancuhan baru setiap pengambilan ubat.		
-		
UBAT TERKAWAL JAUHI DARIPADA KANAK-KANAK 12/12/2021 09:09 PM		

Figure 3.3.4-5 Label

**Note**

Click the  button to print the label

### 3.3.5 Extemporaneous: By Pharmacist

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

	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	2 tablet, BID, Oral, 3 Months 09/12/2021 11:45 AM - 09/03/2022 11:45 AM	360 tablet	120 tablet (12/12/2021)	120 <input type="checkbox"/> POMs <a href="#">Alternate</a>	0 tablet	120 tablet	120 tablet (27 day(s))	<a href="#">Remarks</a>	<a href="#">Detail</a>	<input type="checkbox"/>	[Redacted]	Partially Dispensed
<input type="checkbox"/>	Prednisolone 5 mg Tablet	10 mg, OD, Oral, 3 Months 09/12/2021 11:46 AM - 09/03/2022 11:46 AM	180 tablet	60 tablet (12/12/2021)	60 <input type="checkbox"/> POMs	0 tablet	60 tablet	60 tablet (27 day(s))	<a href="#">Remarks</a>	<a href="#">Detail</a>	<input checked="" type="checkbox"/>	[Redacted]	Partially Dispensed
<input type="checkbox"/>	Metformin HCl 500 mg Tablet	1000 mg, BID, Oral, 3 Months 09/12/2021 11:46 AM - 09/03/2022 11:46 AM	360 tablet	120 tablet (12/12/2021)	120 <input type="checkbox"/> POMs <a href="#">Alternate</a>	0 tablet	120 tablet	120 tablet (27 day(s))	<a href="#">Remarks</a>	<a href="#">Detail</a>	<input type="checkbox"/>	[Redacted]	Partially Dispensed
<input type="checkbox"/>	Amoxicillin 250mg Capsule	250 mg, TID, Oral, 3 Months 09/12/2021 11:48 AM - 09/03/2022 11:48 AM	270 capsule	0 capsule	0 <input type="checkbox"/> POMs <a href="#">Alternate(C)</a>	0 capsule	0 capsule	270 capsule (87 day(s))	<a href="#">Remarks</a>	<a href="#">Detail</a>	<input type="checkbox"/>	[Redacted]	Acknowledged/Hol

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						
<input type="checkbox"/> Information <span style="float: right;">Print Ingredient Label   Generate Worksheet         </span>						
Preparation Done By <input checked="" type="radio"/> Pharmacist <input type="radio"/> Patient		Worksheet ID <input type="text" value=""/>				
Preparation Name <input type="text" value="Ursodeoxycholic Acid Suspension 50mg"/>		Concentration <input type="text" value="50"/> mg /ml				
		Dosage <input type="text" value="2.6"/> ml				
Item	Item Name	Quantity	UOM	Batch No	Expiry Date	
Active Ingredient	Ursodeoxycholic Acid 250 mg Capsule	1140	capsule	17F22649L	18/08/2019	
Vehicle	X-Temp	<input type="text" value="5700"/>	<input type="text" value="ml"/>	<input type="text" value="1234"/>	<input type="text" value="30/10/2019"/>	
<input type="checkbox"/> Storage Condition and Procedures in Local Language						
Storage Condition	<input type="text" value="Refrigerate"/>		Expiry	<input type="text" value="90"/> Days		
References	<input type="text" value="Extemporaneous Formulation, MOH 2015"/>		Formulation Remarks	<input type="text" value=""/>		
Procedures(Preparation by Pharmacist)	<input type="text" value="1. Crush tablets in a mortar to a fine powder."/> <input type="text" value="2. Levigate the powder with vehicle until a smooth paste is formed."/> <input type="text" value="3. Add more vehicle to the paste until a liquid is formed and transfer the liquid into the container."/>					
Procedures(Preparation by Patient)	<input type="text" value=""/>					
Preparation Remarks	<input type="text" value=""/>					

Figure 3.3.5-2 Extemporaneous screen

**Note**

Freshly prepare 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 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 record

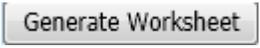
**Note**

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

EXTEMPORANEOUS						
Preparation Done By		<input checked="" type="radio"/> Pharmacist <input type="radio"/> Patient		Worksheet ID <b>5</b> 19-10-0001		
Preparation Name			Ursodeoxycholic Acid Suspension 50mg/ml *			
Concentration			50 mg /ml			
Dosage			2.6 ml			
Item	Item Name	Quantity	UOM	Batch No	Expiry Date	
Active Ingredient	Ursodeoxycholic Acid 250 mg Capsule	20 capsule		17F22649L	18/08/2019	
Vehicle	X-Temp	100	ml	1234	30/10/2019	
<input type="checkbox"/> Storage Condition and Procedures in Local Language						
Storage Condition	Refrigerate	Expiry	90 Days			
References	Extemporaneous Formulation, MOH 2015		Formulation Remarks			
Procedures(Preparation by Pharmacist)	1. Crush tablets in a mortar to a fine powder. 2. Levigate the powder with vehicle until a smooth paste is formed. 3. Add more vehicle to the paste until a liquid is formed and transfer the liquid into 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 (PARTIAL)**

MINISTRY OF HEALTH  
Hospital Pakar Sultanah Fatimah, Muar

**Date of preparation :** 16/10/2019      **Worksheet Id:** 19-10-0001

<b>MRN</b>	HPSF00215710	<b>Name</b>	[REDACTED]
<b>ID No</b>	[REDACTED]	<b>Rx. No.</b>	TPN0001802812
<b>Order Location</b>	FARMASI NUTRISI PARENTERAL	<b>Ordered By</b>	[REDACTED]
<b>Order Date</b>	20/05/2019		

No	ROA	Preparation Name	Dose	Total Dose	Material Used				Storage
					Item Name	Volume/Qty Required	Batch No	Expiry Date	
1.	Oral	Ursodeoxycholic Acid Suspension 50mg/mL (x-temp) Expiry Date : 18/08/2019	130mg (2.6ML)	5000mg (100 ml)	Ursodeoxycholic Acid 250 mg Capsule	20 capsule	17F22649 L	30/06/2021	Refrigerate
					X-Temp	100 ml	1234	30/10/2019	

**Remarks:**

**Instruction:**

1. Crush tablets in a mortar to a fine powder.
2. Levigate the powder with vehicle until a smooth paste is formed.
3. Add more vehicle 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. Shake well and label.

Date: 16/10/2019      Date:      Date: 16/10/2019

**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*

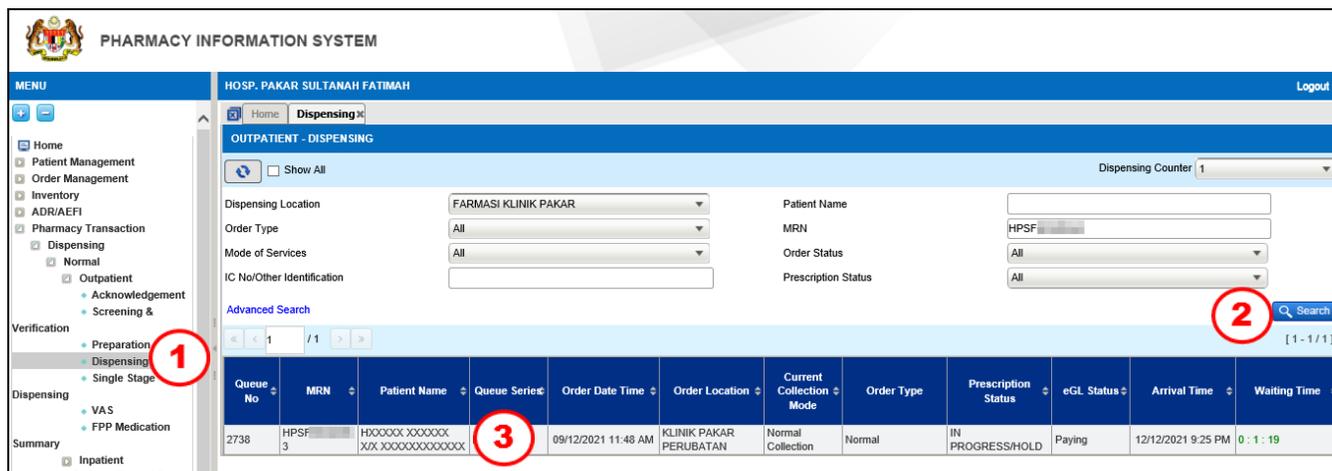
- *User has option to print Labels and Worksheet by clicking on the Printer button.*
- *Once the status is updated to Prepared, the worksheet may no longer be edited.*

### 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.



The screenshot shows the 'PHARMACY INFORMATION SYSTEM' interface. On the left is a 'MENU' with 'Dispensing' highlighted (1). The main area is titled 'HOSP. PAKAR SULTANAH FATIMAH' and 'OUTPATIENT - DISPENSING'. It features search filters for Dispensing Location, Order Type, Mode of Services, and Patient Name, along with a search button (2). Below is a table of dispensing records with columns: Queue No, MRN, Patient Name, Queue Series, Order Date Time, Order Location, Current Collection Mode, Order Type, Prescription Status, eGL Status, Arrival Time, and Waiting Time. A specific record is highlighted with a red circle (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
2738	HPSF 3	HXXXXXXXXXXXXX XX.XXXXXXXXXXXXXX		09/12/2021 11:48 AM	KLINIK PAKAR PERUBATAN	Normal Collection	Normal	IN PROGRESS/HOLD	Paying	12/12/2021 9:25 PM	0 : 1 : 19

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 - Leave and Collect - Locker4U - Normal Collection	Able to filter and search patient's record by mode of services

		<ul style="list-style-type: none"> <li>- Others</li> <li>- Telephone And Take</li> <li>- UMP</li> <li>- Walk-in/Without Appointment</li> </ul>	
g	Order Status	<ul style="list-style-type: none"> <li>-All</li> <li>-Normal</li> <li>-SPUB</li> <li>-Discharge</li> <li>-Referred Patient</li> </ul>	<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"> <li>-All</li> <li>-Hold</li> <li>-Expired</li> </ul>	Able to filter by prescription status
<b>Advanced Search</b>			
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"> <li>-All</li> <li>-Clinic</li> <li>-Day Care</li> <li>-ER</li> <li>-Nursing Unit</li> <li>-Pharmacy</li> </ul>	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"> <li>-All</li> <li>-Normal</li> <li>-Express</li> <li>-Special</li> <li>-Others</li> </ul>	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"> <li>- All</li> <li>- Drive Through Counter</li> <li>- Pharmacy Counter</li> <li>- Bedside</li> <li>PPUSS</li> </ul>	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
- 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

The screenshot displays the 'DISPENSING' interface. At the top, there are navigation buttons: Patient Label, Medication Counselling, MTAC Order, Intervened Prescription, Original Prescription, CP4, and X. Below this is a patient information section with fields for Mykad (870605145456), Age (34 Years 06 Months 07 Days), Gender (Female), MRN (HPSF), Address, Phone And Email, Diagnosis (No known Allergies), Height, Weight, BMI/BSA (0/0 m²), and Nationality (Warganegara). A 'Demographic' menu is visible below the patient info.

The 'PHARMACY ORDER' section includes:
 

- Encounter No: 0001, Actual Visit Date: 09/12/2021, Attending Practitioner: [Redacted], Visit Location: KLINIK PAKAR PERUBATAN, Rx No: MOPC0002731068, Order By: [Redacted], Prescriber Dept: General Medicine.
- Order details: Patient Arrived (checked), Queue Series: Normal, Queue No: 2738, Arrival Time: 12/12/2021 09:25 PM, Waiting Time: 0:4:48, Collector Name: HXXXXX XXXXXX XXX X, Relationship: Patient.
- Dispense At: Pharmacy Counter, Current Collection Mode: Normal Collection, Planned Collection Mode: Normal Collection.
- Buttons: Patient Called (4), Call Patient (4), Queue No. Called Time, Adherence Score, MPR, Drug Counselling Required? (unchecked).
- Next Collection Date: 10/02/2022, Total Patient: 3, Next Collection Location: FARMASI KLINIK PAKAR (5).

The 'PRESCRIPTION' section shows a table with columns: 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, and Complete. The table contains three rows of medication orders.

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	Complete
Paracetamol 500 mg Tablet	2 tablet, BID, Oral, 3 Months 09/12/2021 11:45 AM - 09/03/2022 11:45 AM	360 tablet	120 tablet (12/12/2021)	120 <input type="checkbox"/> POMs	0 tablet	120 tablet	120 tablet (27 day(s))	Remarks	<input type="checkbox"/> Detail		[Redacted]	Prepared	<input type="checkbox"/>
Prednisolone 5 mg Tablet	10 mg, OD, Oral, 3 Months 09/12/2021 11:46 AM - 09/03/2022 11:46 AM	180 tablet	60 tablet (12/12/2021)	60 <input type="checkbox"/> POMs	0 tablet	60 tablet	60 tablet (27 day(s))	Remarks	<input type="checkbox"/> Detail	<input checked="" type="checkbox"/> Detail	[Redacted]	Prepared	<input type="checkbox"/>
Mefformin HCl 500 mg Tablet	1000 mg, BID, Oral, 3 Months 09/12/2021 11:46 AM - 09/03/2022 11:46 AM	360 tablet	120 tablet (12/12/2021)	120 <input type="checkbox"/> POMs	0 tablet	120 tablet	120 tablet (27 day(s))	Remarks	<input type="checkbox"/> Detail		[Redacted]	Prepared	<input type="checkbox"/>

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

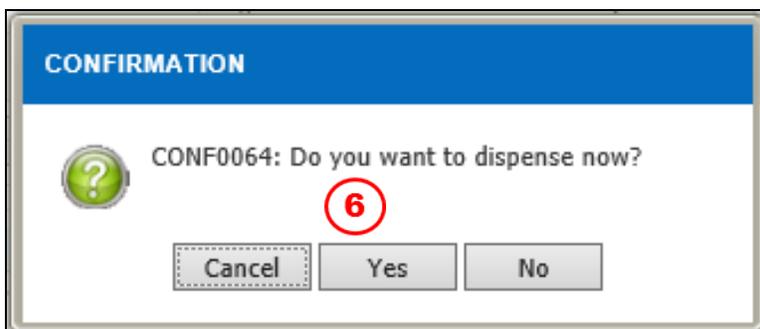
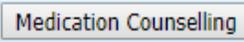
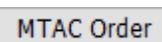
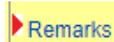


Figure 3.4.1-3 Confirmation Alert Message

#### 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**

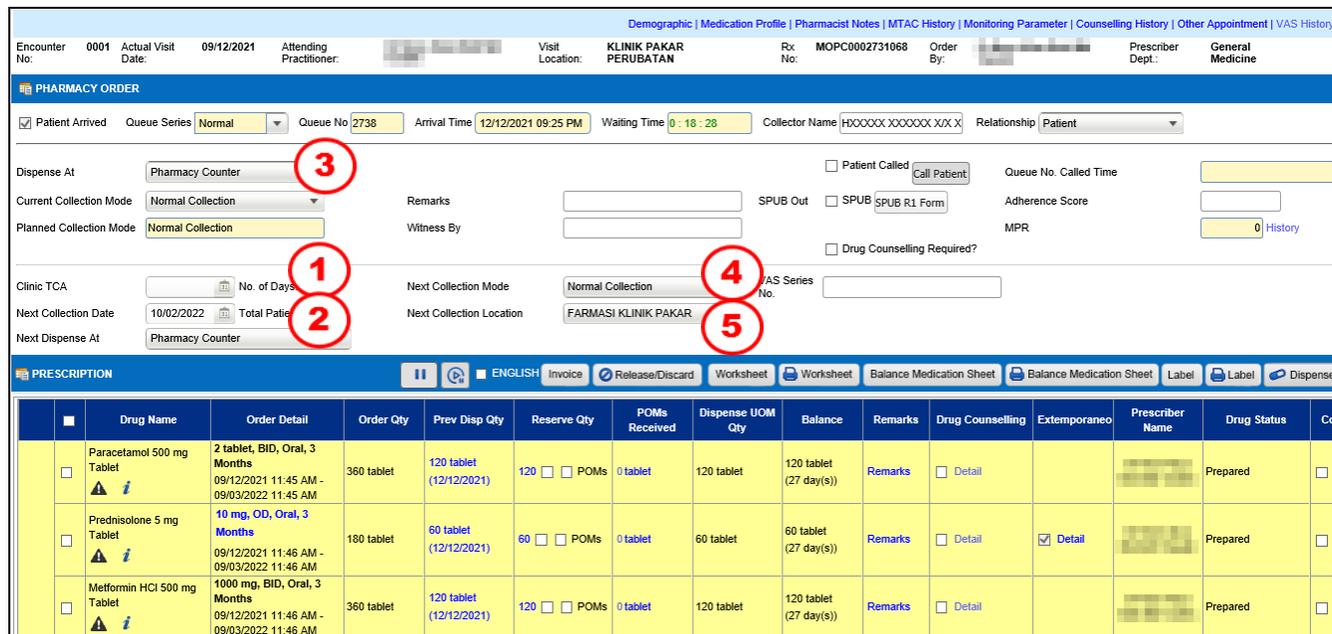
**DRUG REMARKS HISTORY (ACETYLSALICYLIC ACID 100 MG, GLYCINE 45 MG TABLET)**

Prescriber Remark	Prescriber Name	Start Date	End Date	Pharmacist Remark	Stage	Rx
Doctor Remark at Order Stage	an	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.



The screenshot shows the 'PHARMACY ORDER' form with the following details:

- Encounter No: 0001, Actual Visit Date: 09/12/2021, Attending Practitioner: [Redacted], Visit Location: KLINIK PAKAR PERUBATAN, Rx No: MOPC0002731068, Order By: [Redacted], Prescriber Dept.: General Medicine.
- Queue Series: Normal, Queue No: 2738, Arrival Time: 12/12/2021 09:25 PM, Waiting Time: 0:18:28, Collector Name: HXXXXX XXXXXX X/X X, Relationship: Patient.
- Dispense At: Pharmacy Counter (3), Patient Called:  Call Patient, Queue No. Called Time: [Empty].
- Current Collection Mode: Normal Collection, Remarks: [Empty], SPUB Out:  SPUB, SPUB R1 Form: [Empty], Adherence Score: [Empty].
- Planned Collection Mode: Normal Collection, Witness By: [Empty], Drug Counselling Required?:  MPR: 0 History.
- Clinic TCA: [Empty], No. of Days: 1 (1), Next Collection Mode: Normal Collection (4), MAS Series No.: [Empty].
- Next Collection Date: 10/02/2022 (2), Total Patie: [Empty], Next Collection Location: FARMASI KLINIK PAKAR (5).
- Next Dispense At: Pharmacy Counter.

The 'PRESCRIPTION' table below contains the following data:

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
Paracetamol 500 mg Tablet	2 tablet, BID, Oral, 3 Months 09/12/2021 11:45 AM - 09/03/2022 11:45 AM	360 tablet	120 tablet (12/12/2021)	120 <input type="checkbox"/> POMs	0 tablet	120 tablet	120 tablet (27 day(s))	Remarks	<input type="checkbox"/> Detail		[Redacted]	Prepared	<input type="checkbox"/>
Prednisolone 5 mg Tablet	10 mg, OD, Oral, 3 Months 09/12/2021 11:46 AM - 09/03/2022 11:46 AM	180 tablet	60 tablet (12/12/2021)	60 <input type="checkbox"/> POMs	0 tablet	60 tablet	60 tablet (27 day(s))	Remarks	<input type="checkbox"/> Detail	<input checked="" type="checkbox"/> Detail	[Redacted]	Prepared	<input type="checkbox"/>
Metformin HCl 500 mg Tablet	1000 mg, BID, Oral, 3 Months 09/12/2021 11:46 AM - 09/03/2022 11:46 AM	360 tablet	120 tablet (12/12/2021)	120 <input type="checkbox"/> POMs	0 tablet	120 tablet	120 tablet (27 day(s))	Remarks	<input type="checkbox"/> Detail		[Redacted]	Prepared	<input type="checkbox"/>

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.

Drug Name	Order Detail	Order Qty	Prev Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneo	Prescriber Name
Mecobalamin 500 mcg Tablet	500 mcg, TID, Oral, 8 Months 16/05/2019 09:36 AM - 11/01/2020 09:36 AM	720 tablet	90 tablet (21/05/2019)	90 <input type="checkbox"/> POMs	0 tablet	90 tablet	540 tablet (87 day(s))	Remarks	<input type="checkbox"/> Detail		
Diclofenac 1% Emulgel	1 app, PRN, LA, 8 Months 16/05/2019 09:36 AM - 11/01/2020 09:36 AM	160 g	20 g (21/05/2019)	20 <input type="checkbox"/> POMs	0 g	20 gram	120 g (87 day(s))	Remarks	<input type="checkbox"/> Detail		
Calcium Lactate 300mg Tablet	300 mg, OD, Oral, 8 Months 16/05/2019 09:36 AM - 11/01/2020 09:36 AM	240 tablet	30 tablet (21/05/2019)	30 <input type="checkbox"/> POMs	0 tablet	30 tablet	180 tablet (87 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

Drug Name	Reason	Correction Required	Selection
Mecobalamin 500 mcg Tablet	<input type="text" value="Intervention"/>	<input type="checkbox"/>	<input type="button" value="Add"/>

Figure 3.4.3-2 Hold Order – Countercheck

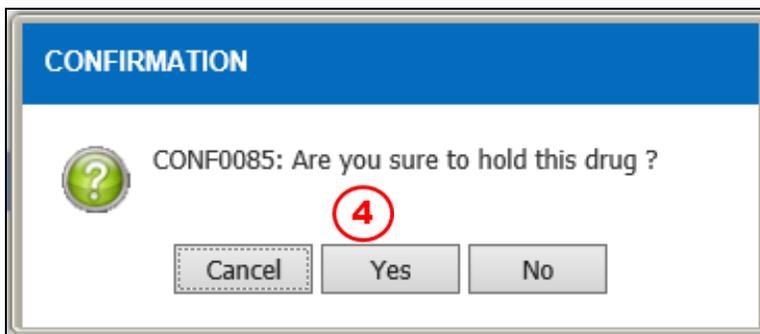
**STEP 2**

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 proceed Hold



**Figure 3.4.3-3 Confirmation Alert Message**

**STEP 4**

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**

PHARMACY ORDER															
<input checked="" type="checkbox"/> Patient Arrived	Queue Series	Normal	Queue No	2001	Arrival Time	16/10/2019 08:48 AM	Waiting Time	1:32:32	Collector Name		Relationship	Patient			
Clinic TCA	09/01/2020	No. of Days:	85	Current Collection Mode	Normal Collection	SPUB	SPUB R1 Form	Next Collection Date	14/11/2019	Total Patient:	3	Next Collection Mode	Normal Collection	Next Collection Location	FARMASI KLINIK PAKAR
Next Dispense At	Pharmacy Counter	Dispense At	Pharmacy Counter	Remarks		Queue No. Called Time		Dispense Method	Normal Collection	Witness By		Drug Counselling Required?	<input type="checkbox"/>	Adherence Score	MPR 20
PRESCRIPTION															
Drug Name	Order Detail	Order Qty	Disp Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Extemporaneo	Prescriber Name	Status	Co		
<input type="checkbox"/> Diclofenac 1% Emulgel	1 app, PRN, LA, 8 Months 16/05/2019 09:36 AM - 11/01/2020 09:36 AM	160 g	20 g (21/05/2019)	20	<input type="checkbox"/> POMs	0 g	20 gram	120 g (87 day(s))	Remarks	<input type="checkbox"/> Detail		Prepared	<input type="checkbox"/>		
<input type="checkbox"/> Calcium Lactate 300mg Tablet	300 mg, OD, Oral, 8 Months 16/05/2019 09:36 AM - 11/01/2020 09:36 AM	240 tablet	30 tablet (21/05/2019)	30	<input type="checkbox"/> POMs	0 tablet	30 tablet	180 tablet (87 day(s))	Remarks	<input type="checkbox"/> Detail		Prepared	<input type="checkbox"/>		
<input type="checkbox"/> Mecobalamin 500 mcg Tablet	500 mcg, TID, Oral, 8 Months 16/05/2019 09:36 AM - 11/01/2020 09:36 AM	720 tablet	90 tablet (21/05/2019)	90	<input type="checkbox"/> POMs	0 tablet	90 tablet	540 tablet (87 day(s))	Remarks	<input type="checkbox"/> Detail		Prepared/Hold	<input type="checkbox"/>		
<input type="checkbox"/> Tramadol HCl 50 mg Capsule/ Tablet	50 mg, PRN, Oral, 8 Months 16/05/2019 09:36 AM - 11/01/2020 09:36 AM	160 capsule	20 capsule (21/05/2019)	0	<input type="checkbox"/> POMs	0 capsule	0 capsule	140 capsule (87 day(s))	Remarks	<input type="checkbox"/> Detail		Stop	<input type="checkbox"/>		

**Figure 3.4.3-4 Dispensing screen**

**STEP 5**

Select the drug  and click on the button to Resume as per Figure 3.4.3-4

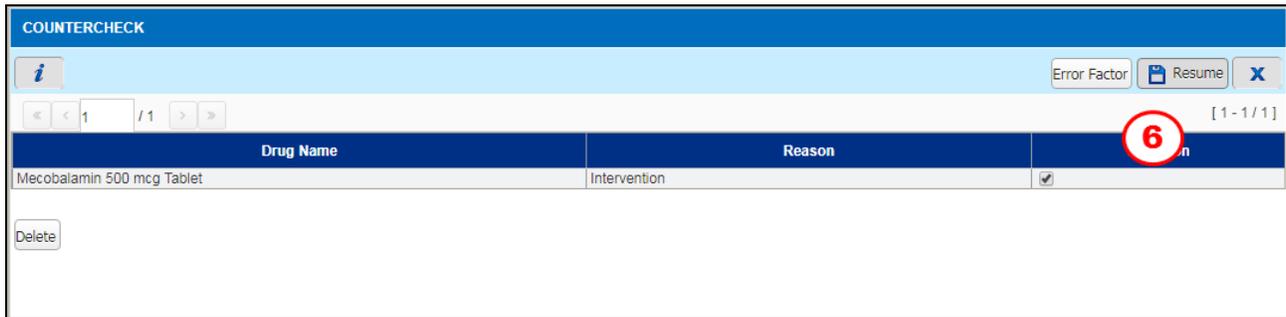
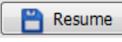


Figure 3.4.3-5 Resume Order Screen

**STEP 6**

Click on the  button

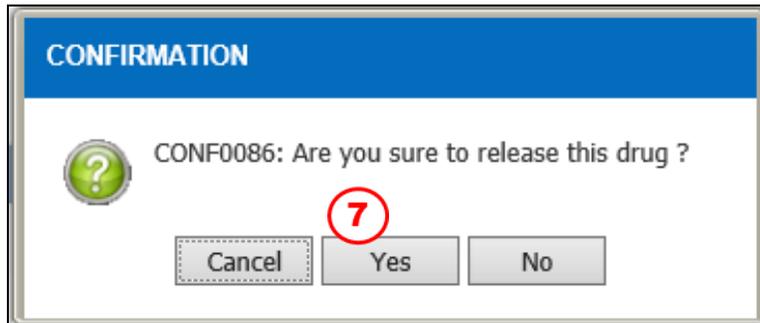


Figure 3.4.3-6 Confirmation Alert Message

**STEP 7**

Click on the  button to release drug from hold state

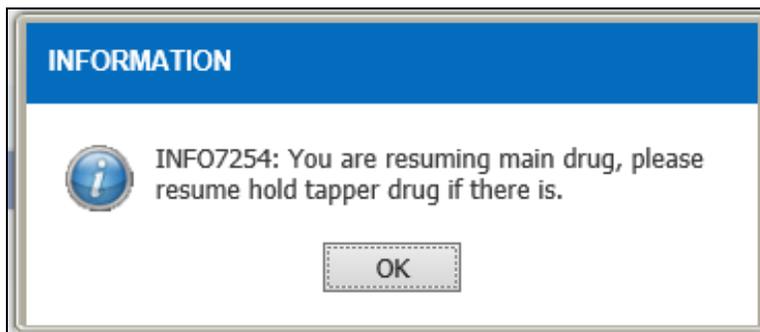


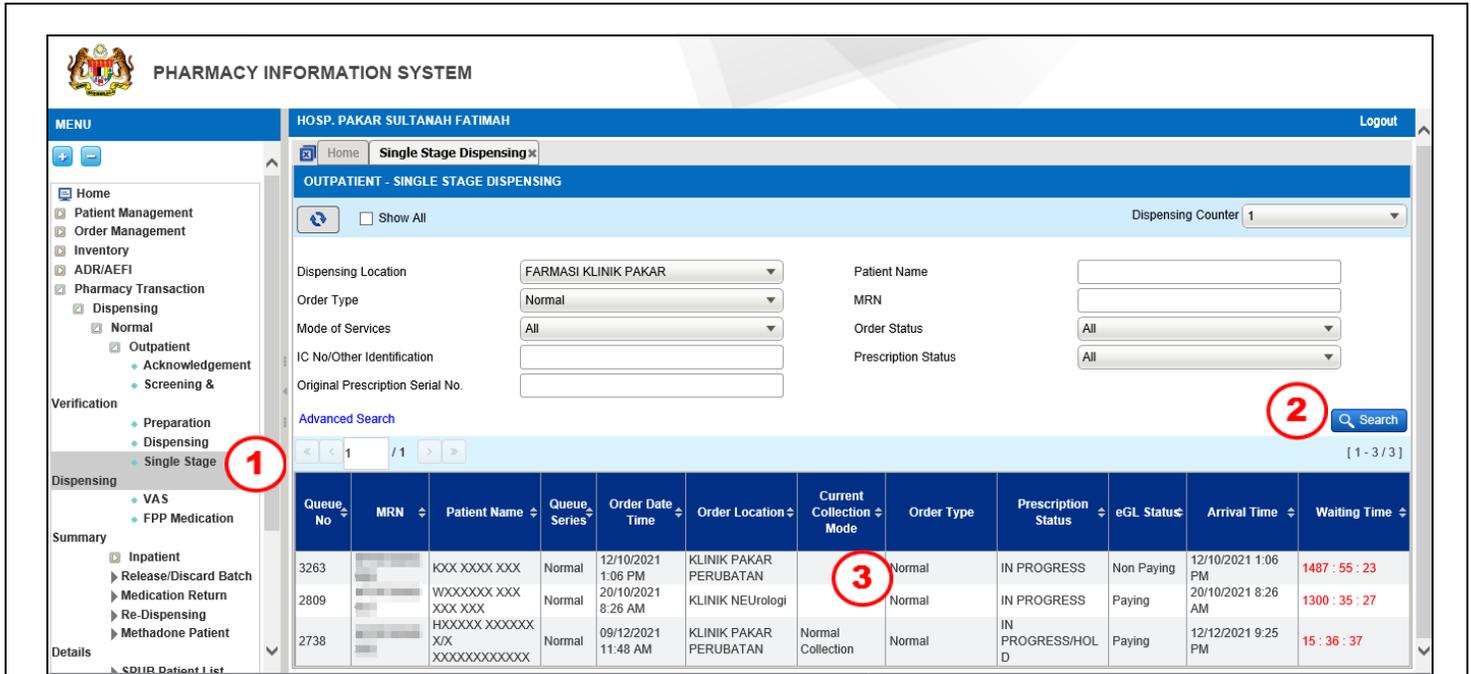
Figure 3.4.3-7 Information Alert Message

**Note**

- Click on the  button as in **Figure 3.4.3-7** to resume.
- User can delete the Hold record by selecting intervention reason check box  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

Home Single Stage Dispensing

OUTPATIENT - SINGLE STAGE DISPENSING

Dispensing Counter 1

Dispensing Location: FARMASI KLINIK PAKAR

Order Type: Normal

Mode of Services: All

IC No/Other Identification:

Original Prescription Serial No.:

Advanced Search

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"> <li>Type the MRN either full or partial: Example: HPSF00001234 or "1234"</li> </ul>
f	Mode of Services	- All	Able to filter and search patient's record by

		<ul style="list-style-type: none"> <li>- Appointment Card</li> <li>- Comm. Apps in Smart Phone</li> <li>- Email and Take</li> <li>- Fax and Take</li> <li>- Leave and Collect</li> <li>- Locker4U</li> <li>- Normal Collection</li> <li>- Others</li> <li>- Telephone And Take</li> <li>- UMP</li> <li>- Walk-in/Without Appointment</li> </ul>	mode of services
g	Order Status	<ul style="list-style-type: none"> <li>- All</li> <li>- Normal</li> <li>- SPUB</li> <li>- Discharge</li> <li>- Referred Patient</li> </ul>	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"> <li>- All</li> <li>- Hold</li> <li>- Expired</li> </ul>	Able to filter by prescription status
j	Original Prescription Serial No	Original Prescription Serial Number	Able to search by Original Prescription Serial Number
<b>Advanced Search</b>			
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"> <li>- All</li> <li>- Clinic</li> <li>- Day Care</li> <li>- ER</li> <li>- Nursing Unit</li> <li>- Pharmacy</li> </ul>	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"> <li>- All</li> <li>- Normal</li> <li>- Express</li> <li>- Special</li> <li>- Others</li> </ul>	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"> <li>- All</li> <li>- Drive Through Counter</li> </ul>	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 m<sup>2</sup> 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 XXX 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 <a href="#">Alternate</a>	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 m<sup>2</sup> | 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 | Current Collection Mode: Normal Collection | VAS Series No.: |  Patient Called | Call Patient  
 Planned Collection Mode: Normal Collection |  Drug Counselling Required? | Adherence Score: | MPR: | History  
 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** | Buttons: 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 <a href="#">Alternate</a>	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 3.2.5 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**

Current Collection Mode **Normal Collection** VAS Series No.   Patient Called **Call Patient** **7**

Planned Collection Mode **Normal Collection**  Drug Counselling Required? Adherence Score  MPR  **History**

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 <a href="#">Alternate</a>	0 tablet	9 tablet	0 tablet (0 day(s))	<a href="#">Remarks</a>	<input type="checkbox"/> <a href="#">Detail</a>	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))	<a href="#">Remarks</a>	<input type="checkbox"/> <a href="#">Detail</a>	0 capsule	<input type="checkbox"/> <a href="#">Detail</a>		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

**CONFIRMATION**

CONF0064: Do you want to dispense now?

**9**

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: [ ]  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"/> 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 3.6.1.1-1 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	
<a href="#">Upload Photo</a>	Height <input type="text"/> cm	Weight <input type="text"/> kg	BMI/BSA 0/0 m <sup>2</sup>	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	<a href="#">Remark</a>
<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	<a href="#">Remark</a>
<input checked="" type="checkbox"/>			Amoxicillin 500 mg						
<input checked="" type="checkbox"/>	MOPC0002731074	14/12/2021	Clavulanate 125 mg Tablet						
<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	<a href="#">Remark</a>

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**

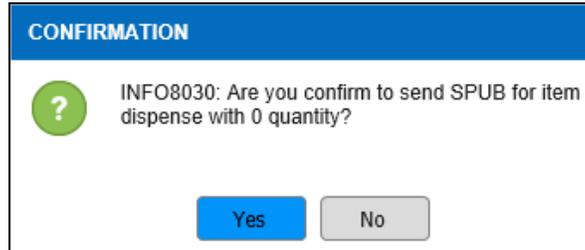
CONF0002: Are you sure you want to save?

Cancel
Yes
No

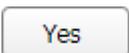
Figure 3.6.1.1-3 Confirmation Message

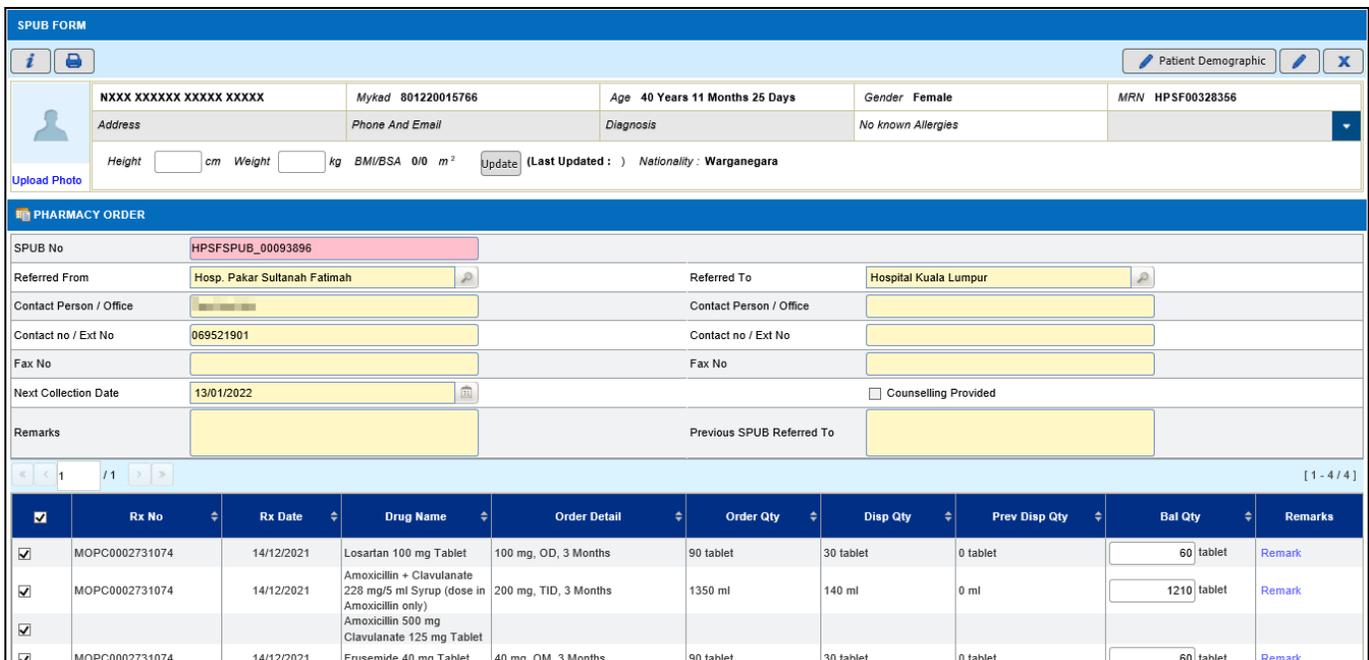
**Note**

- 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

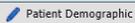


**Figure 3.6.1.1-4 Confirmation Message**

- Click on the  button to proceed the SPUB Order



**SPUB FORM**

 Patient Demographic  

 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  cm Weight  kg BMI/BSA 0/0 m<sup>2</sup>  (Last Updated : ) Nationality : Warganegara

 Upload Photo

**PHARMACY ORDER**

SPUB No

Referred From  Referred To

Contact Person / Office  Contact Person / Office

Contact no / Ext No  Contact no / Ext No

Fax No  Fax No

Next Collection Date   Counselling Provided

Remarks  Previous SPUB Referred To

/ 1 [ 1 - 4 / 4 ]

<input 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	<a href="#">Remark</a>
<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	<a href="#">Remark</a>
<input checked="" type="checkbox"/>	MOPC0002731074	14/12/2021	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	<a href="#">Remark</a>

**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)*

<b>Fasiliti Yang Merujuk</b>		<b>Fasiliti dirujuk</b>		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	80 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

SPUB PATIENT LIST

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 [ Successful ]

SPUB Type [ Referred ]

Search [ ]

	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	Dr [ ]	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 3.6.1.1-9 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**

Cancel SPUB Patient Demographic

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

Address Phone And Email Diagnosis No known Allergies

Height [ ] cm Weight [ ] kg BMI/BSA 0/0 m<sup>2</sup> Update (Last Updated : ) Nationality : Warganegara

**PHARMACY ORDER**

SPUB No [ HKLSPUB\_00000371 ]

Referred From [ Hospital Kuala Lumpur ] Referred To [ Hospital Tengku Ampuan Afzan, Kuantan ]

Contact Person / Office [ ] Contact Person / Office [ ]

Contact no / Ext No [ 0326155555 ] Contact no / Ext No [ ]

Fax No [ ] Fax No [ ]

Next Collection Date [ 17/07/2017 ]  Counselling Provided

Remarks [ ext :1175/1176 ] Previous SPUB Referred To [ ]

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 **Cancel SPUB** 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

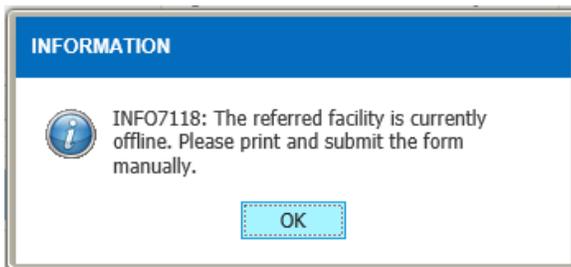
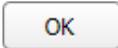


Figure 3.6.1.1-12 Information Message

- 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)*

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

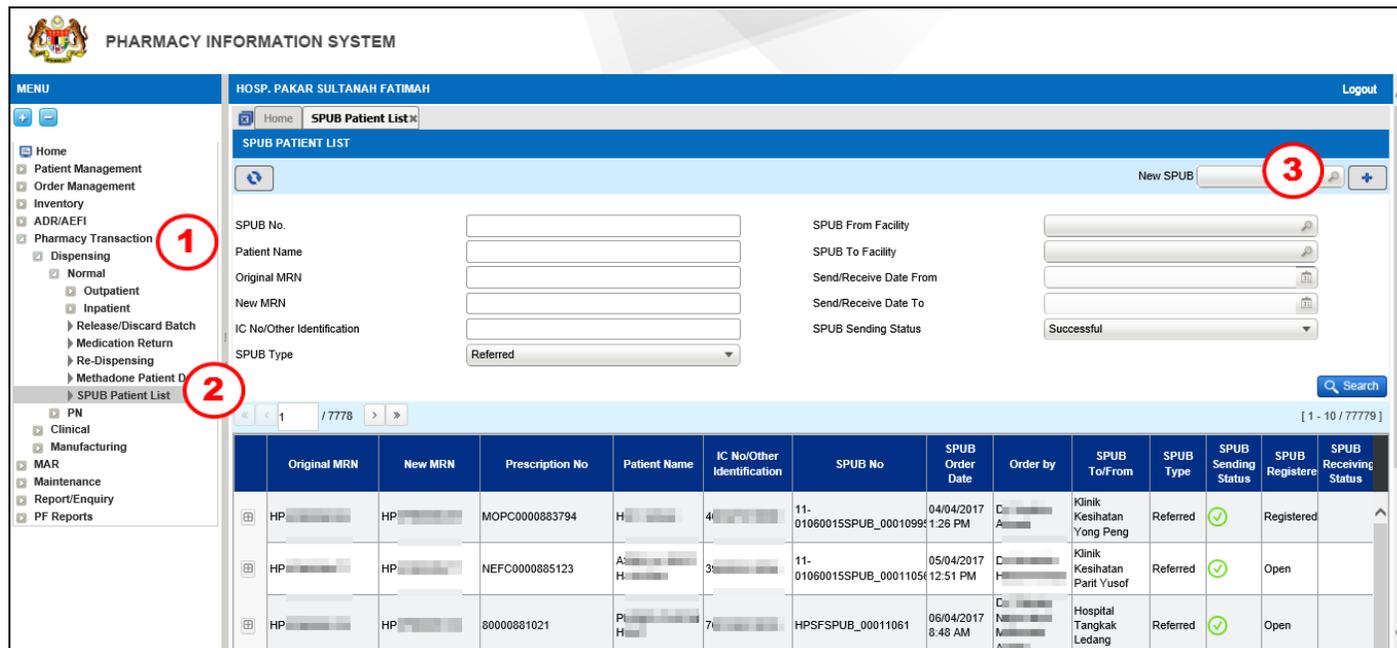
Tarikh preskripsi dibekal	Tempoh preskripsi dibekal	Tarikh bekalan akan datang	Bilangan Item/Kos ubat (keseluruhan)			
			Kategori A		Kategori lain	
			Item	Kos	Item	Kos
Jumlah keseluruhan						

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** Pharmacy Transaction **2** SPUB Patient List

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

[ 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
<input type="checkbox"/>	HP-██████████	HP-██████████	MOPC0000883794	H-██████████	4-██████████	11-01060015SPUB_00010994	04/04/2017 1:26 PM	Dr. ██████████	Klinik Kesihatan Yong Peng	Referred	<input checked="" type="checkbox"/>	Registered	
<input type="checkbox"/>	HP-██████████	HP-██████████	NEFC0000885123	A-██████████ H-██████████	3-██████████	11-01060015SPUB_00011054	05/04/2017 12:51 PM	Dr. ██████████	Klinik Kesihatan Parit Yusof	Referred	<input checked="" type="checkbox"/>	Open	
<input type="checkbox"/>	HP-██████████	HP-██████████	80000881021	P-██████████ H-██████████	7-██████████	HPSFSPUB_00011061	06/04/2017 8:48 AM	Dr. ██████████	Hospital Tangkak Ledang	Referred	<input checked="" type="checkbox"/>	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

**Patient Search**

Search fields: Patient MRN, Patient Name, ID No. Search button.

Page: 1 / 5202 [ 1 - 10 / 52019 ]

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

**PHARMACY INFORMATION SYSTEM**

HOSP. PAKAR SULTANAH FATIMAH

Menu: Home, Patient Management, Order Management, Inventory, ADR/AEFI, Pharmacy Transaction (Normal, Outpatient, Inpatient, Release/Discard Batch, Medication Return, Re-Dispensing, Methadone Patient Details, SPUB Patient List), PN, Clinical, Manufacturing, MAR, Maintenance, Report/Enquiry, PF Reports.

SPUB PATIENT LIST

Search fields: SPUB No., Patient Name, Original MRN, New MRN, IC No/Other Identification, SPUB Type (Referred). SPUB From Facility, SPUB To Facility, Send/Receive Date From, Send/Receive Date To, SPUB Sending Status (Successful).

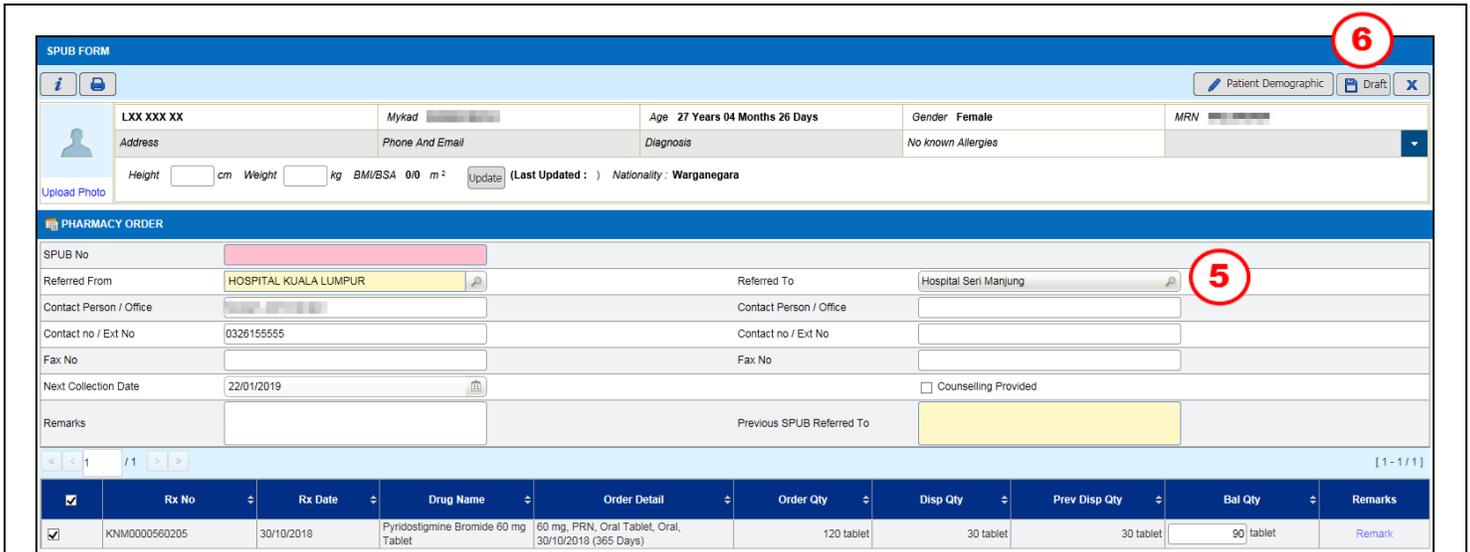
Page: 1 / 7778 [ 1 - 10 / 7779 ]

	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	C	Klinik Kesihatan Yong Peng	Referred	✓	Registered	
⊞	HP	HP	NEFC0000885123	A	3	11-01060015SPUB_00011054	05/04/2017 12:51 PM	C	Klinik Kesihatan Parit Yusof	Referred	✓	Open	
⊞	HP	HP	80000881021	P	7	HPSFSPUB_00011061	06/04/2017 8:48 AM	C	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 | Draft

LXX XXX XX | Mykad | Age 27 Years 04 Months 26 Days | Gender Female | MRN

Address | Phone And Email | Diagnosis | No known Allergies

Height cm | Weight kg | BMI/BSA 0/0 m<sup>2</sup> | 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 |  Counselling Provided

Remarks

<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 3.6.1.2-4 SPUB Form

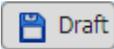
**STEP 5**

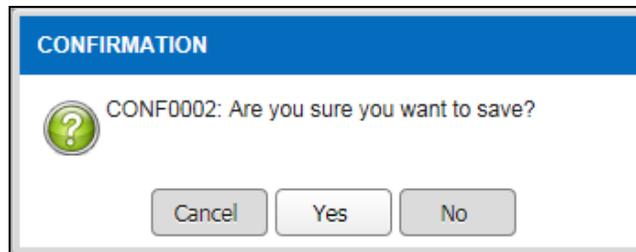
Select **Referred To** from button 

**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



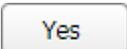
**CONFIRMATION**

CONF0002: Are you sure you want to save?

Cancel Yes No

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 <sup>2</sup> <input type="button" value="Update"/> (Last Updated: ) Nationality: Warganegara					

PHARMACY ORDER

SPUB No	HKLS PUB_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 ]

	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

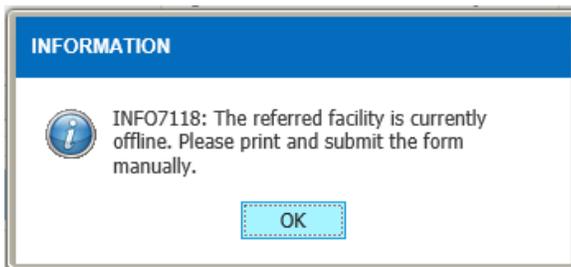
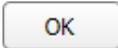


Figure 3.6.1.2-8 Information Message

- 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)*

<b>Fasiliti Yang Merujuk</b>		<b>Fasiliti dirujuk</b>		No. Rujukan (04295/10/2019)
Negeri	: WP Kuala Lumpur	Negeri	: Perak	
Hospital	: Hospital Kuala Lumpur	Hospital	: Hospital Seri Manjung	
<b>Nombor SPUB</b> : HKLSPUB_00014126				
<b>Daerah/Bandar</b> :		<b>Daerah/Bandar</b> :		
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 3.6.1.2-9 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!					
<b>External Notification</b>					
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:

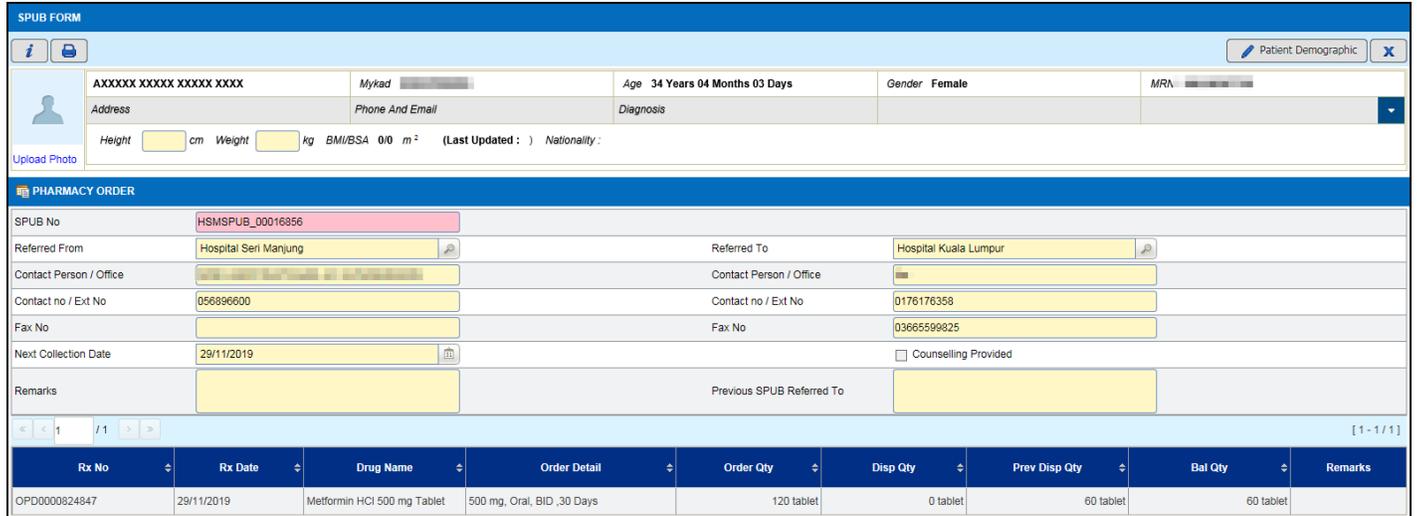
Registration Status:

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
HRPBSPUB_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
HRPBSPUB_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
HRPBSPUB_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 m<sup>2</sup>    (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 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	<a href="#">To Register</a>
HRPBSPUB_00041886	[REDACTED]	Female	55	Hospital Raja Permaisuri Bainun, Ipoh	03/08/2021	27/04/2021	<a href="#">To Register</a>
HTISPUB_00036073	[REDACTED]	Male	9	Hospital Teluk Intan	14/06/2021	15/04/2021	<a href="#">To Register</a>
HRPBSPUB_00039123	[REDACTED]	Male	65	Hospital Raja Permaisuri Bainun, Ipoh	28/04/2021	29/03/2021	<a href="#">To Register</a>
HKLSPUB_00029900	[REDACTED]	Male	79	Hospital Kuala Lumpur	23/04/2021	25/03/2021	<a href="#">To Register</a>
HTISPUB_00034974	[REDACTED]	Female	59	Hospital Teluk Intan	17/05/2021	23/03/2021	<a href="#">To Register</a>
HSLYSPUB_00010250	[REDACTED]	Male	67	Hospital Selayang	26/03/2021	26/02/2021	<a href="#">To Register</a>
HRPBSPUB_00033512	[REDACTED]	Male	67	Hospital Raja Permaisuri Bainun, Ipoh	16/04/2021	22/01/2021	<a href="#">To Register</a>
HTISPUB_00029446	[REDACTED]	Female	56	Hospital Teluk Intan	01/07/2021	10/11/2020	<a href="#">To Register</a>

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

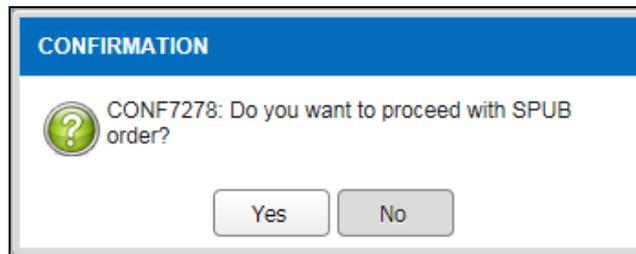


Figure 3.6.2.1-6 Confirmation Message

**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 m<sup>2</sup> 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- Update

**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>i</i> 🗑
⚠	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>i</i> 🗑
⚠	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>i</i> 🗑
⚠	4. Metformin HCl 500 mg Tablet	1000 mg, BD (twice daily), Oral Tablet, Oral,	840 tablet (RM 84.00)	<i>i</i> 🗑

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

[ 1 - 2 / 2 ]

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 m<sup>2</sup> 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

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

Advanced Search

Patient Own Medication  
 Patient Require Counselling

Figure 3.6.2.1-10 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 - 1 / 1]

SPUB No	Patient Name	Gender		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 m<sup>2</sup> 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 [REDACTED] Original Prescription Serial Number UROC0001656343

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

**NORMAL ORDER**

**DRUG DETAILS**

Drug

Dosage

Admin Route

Frequency  Dosage Schedule

Duration  Days

Start Date / Time

End Date / Time

Order Quantity

Advanced Search

Patient Own Medication

Patient Require Counselling

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

Total Price : RM 954.75

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

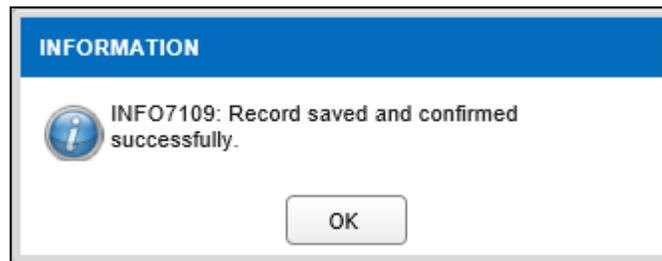


Figure 3.6.2.1-13 Information Message

**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 m<sup>2</sup> 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 H

Address Phone And Email Diagnosis No known Allergies

Height cm Weight kg BM/BSA 0/0 m<sup>2</sup> 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: S 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 m<sup>2</sup> 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) HSAS PUB\_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 m<sup>2</sup> 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**

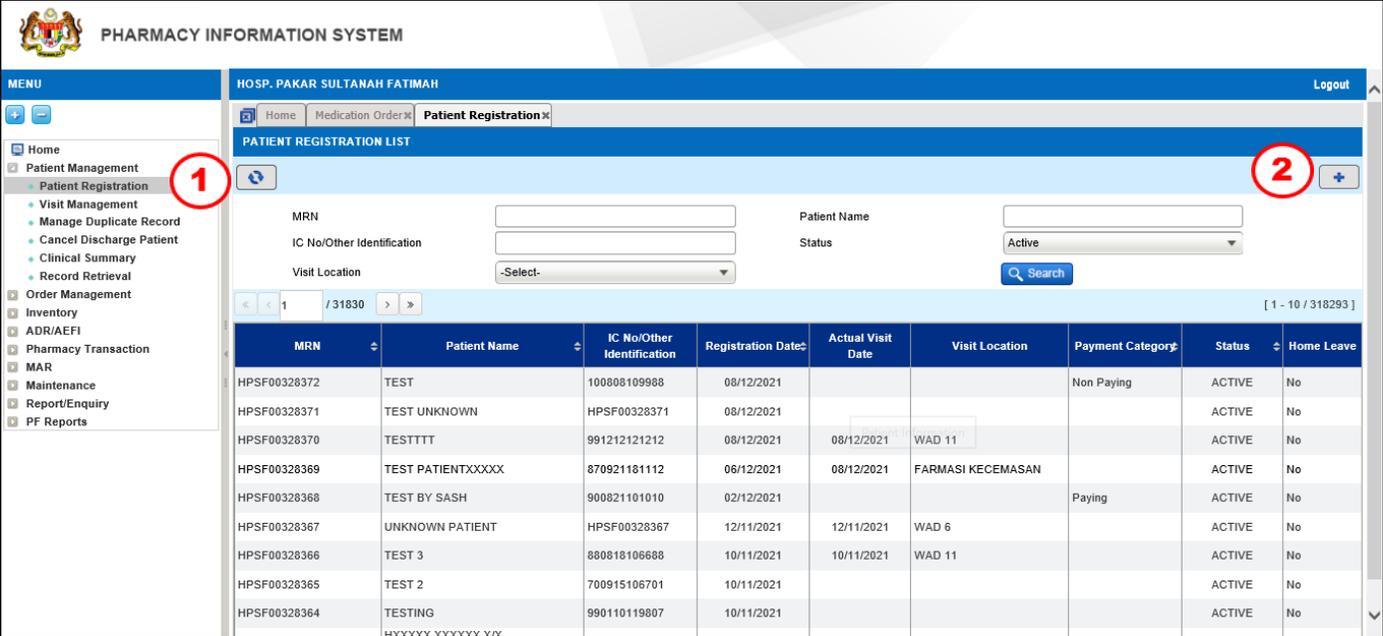
	Drug Name	Order Detail	Order Qty	Reserve Qty	POMs Received	Dispense UOM Qty	Balance	Remarks	Drug Counselling	Prev Disp Qty	Extemporaneous	Prescriber Name	Drug Status
<input type="checkbox"/>	Amlodipine 10 mg Tablet	10 mg, OM, Oral, 305 Days	305 tablet	0 <input type="checkbox"/> POMs Alternate(C)	0 tablet	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 >> [ 1 - 10 / 318293 ]

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 PATIENTXXXX	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

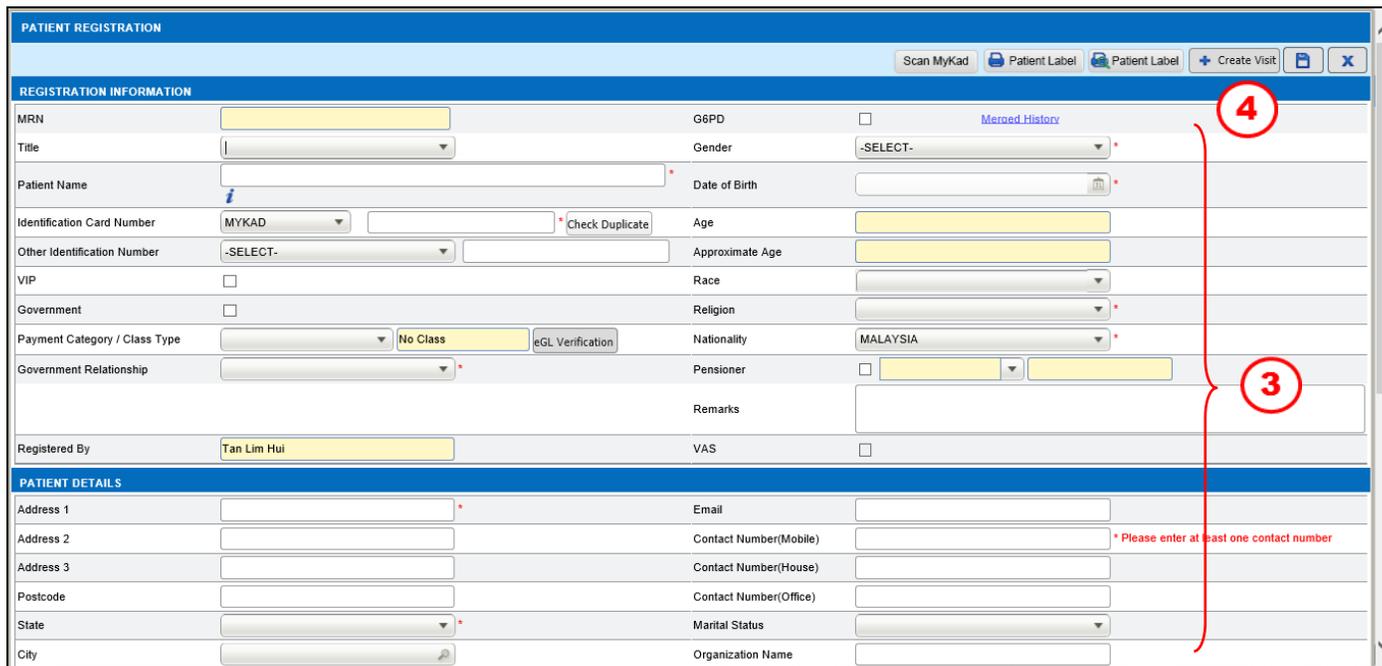
Figure 3.6.2.2-1 PhIS Home Page

**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**

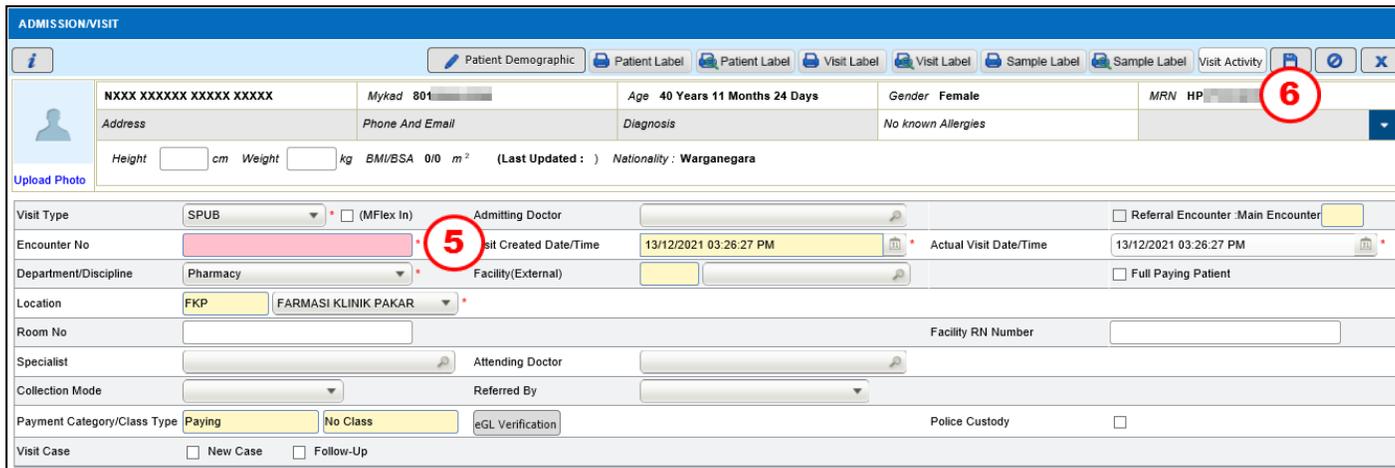
Fill all the mandatory information and the other field if necessary

**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

**6**

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

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

Height [ ] cm Weight [ ] kg BMI/BSA 0/0 m<sup>2</sup> (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 \* Facility RN Number [ ]

Room No [ ]

Specialist [ ] Attending Doctor [ ]

Collection Mode [ ] Referred By [ ]

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

Visit Case  New Case  Follow-Up

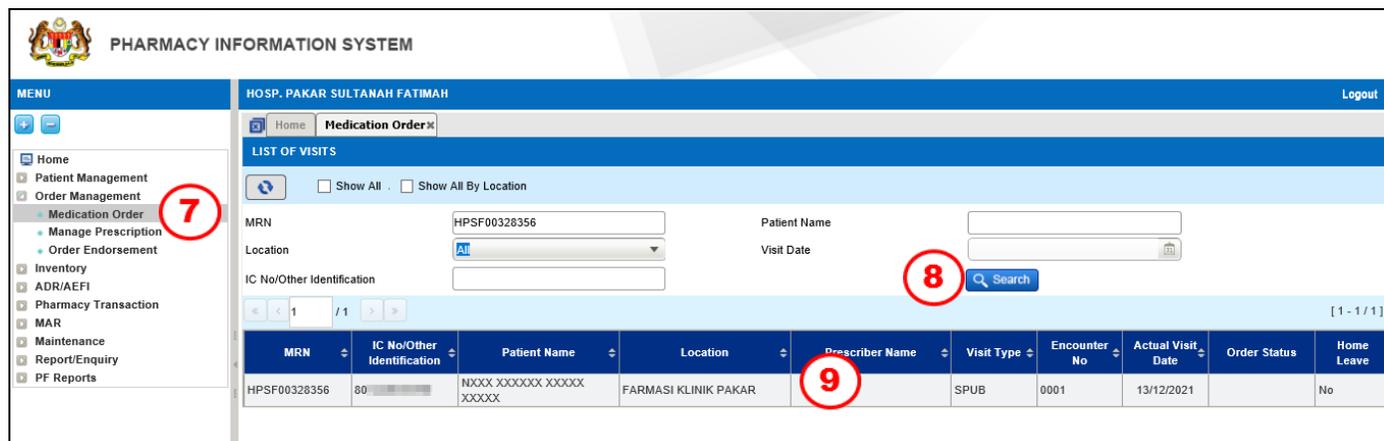
Figure 3.6.2.2-3 Visit Management

**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 m<sup>2</sup> 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, 1<sup>st</sup> 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 m<sup>2</sup> 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

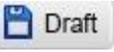
Alert	Drug Name	Order Details	Order Qty	Drug Info
1.	Paracetamol 500 mg Tablet	2 tablet, PRN, Oral Tablet, Oral, 13/12/2021 (2 Months)	120 tablet (RM 12.00)	

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 m<sup>2</sup> 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

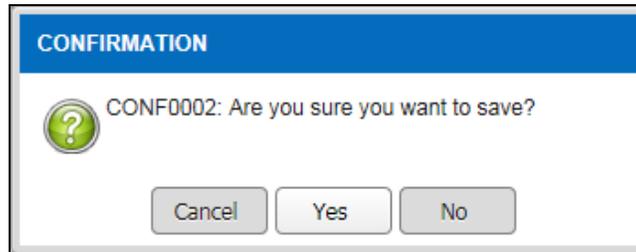
Figure 3.6.2.2-6 SPUB Form

**STEP 13**

Fill in all information in the selected field

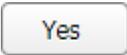
**STEP 14**

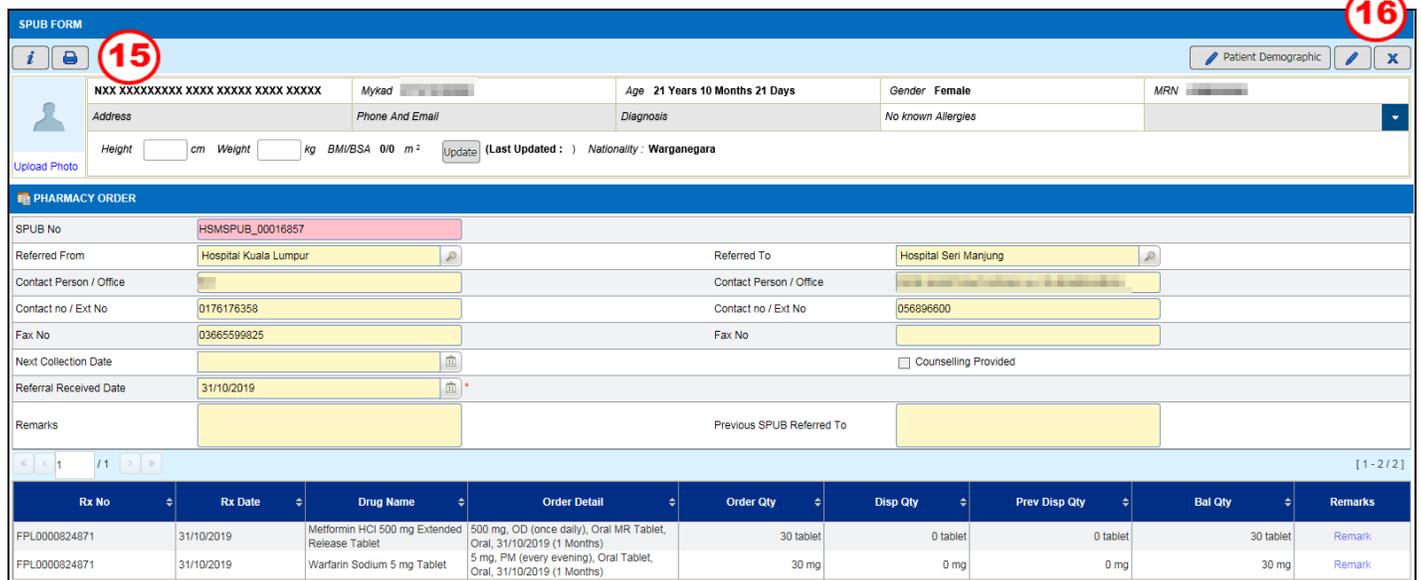
Click on the  button to save the SPUB form and Confirmation Message will be display



**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)

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

**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**

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 m<sup>2</sup> 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 Diagnosis  
Allergy  
Adverse Drug Reaction  
Nutritional Assessment  
**Normal Order**  
Infusion Order  
Parenteral Nutrition  
Cytotoxic Drug Reconstitution  
Therapeutic Drug Monitoring  
Radiopharmaceuticals

Drug

Dosage

Admin Route

Frequency

Duration

Start Date / Time

End Date / Time

Order Quantity

Advanced Search

Patient Own Medication  
 Patient Require Counselling

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

Total Price : RM 12.00

17

Figure 3.6.2.2-10 Medication Order

**STEP 17**

Click on the  button to confirm order

**Note**

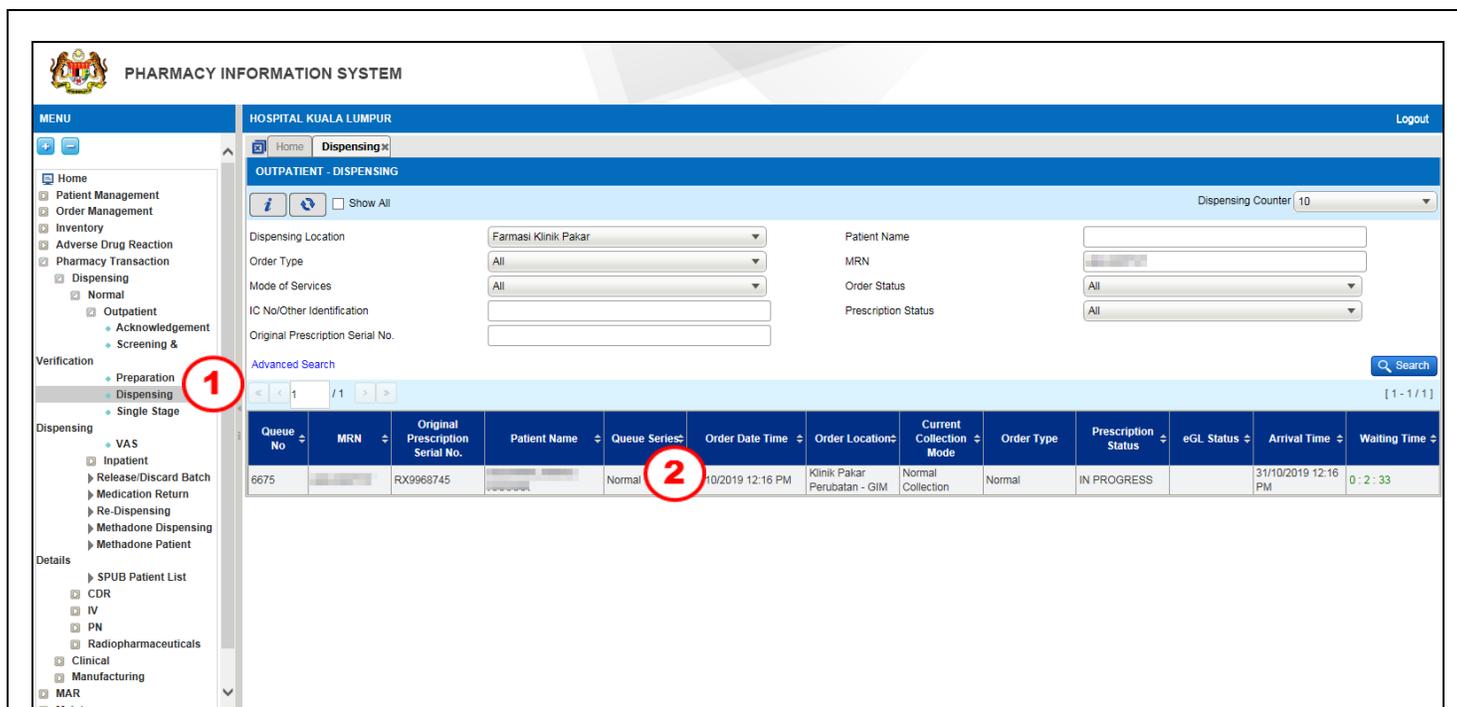
To complete the process for SPUB prescription, continue as normal dispensing process

### 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 | 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



PHARMACY ORDER

Patient Arrived Queue Series: Normal Queue No: 6675 Arrival Time: 31/10/2019 12:16 PM Waiting Time: 0:6:39 Collector Name: SXXXXXX XXXXX XXXX Relationship: Patient

Dispense At: Pharmacy Counter Dispense Method: Normal Collection

Release/Required?  (3)

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

RELEASE/DISCARD BATCH (6)

IC No/Other Identification:   
Drug Name:  Search

New Record(s): 1 / 1

MRN	Patient Name	Medication Order No	Drug Name	Prepared Qty	Preparation Date	Status	Reason for Release/Discard	Remark
(4)	SXXXXXX XXXXX XXXXXX	PCGIM0001081149	Paracetamol 500 mg Tablet	240 tablet	31/10/2019	Prepared (5)	Intervention	
	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

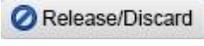
**STEP 5**

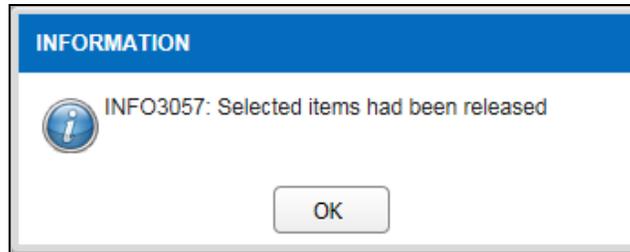
Select **Reason for Release/Discard**

- Change of Regimen
- Faulty Product

- Intervention
- Patient Refused
- Uncollected
- Wrong Allocation

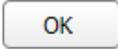
**STEP 6**

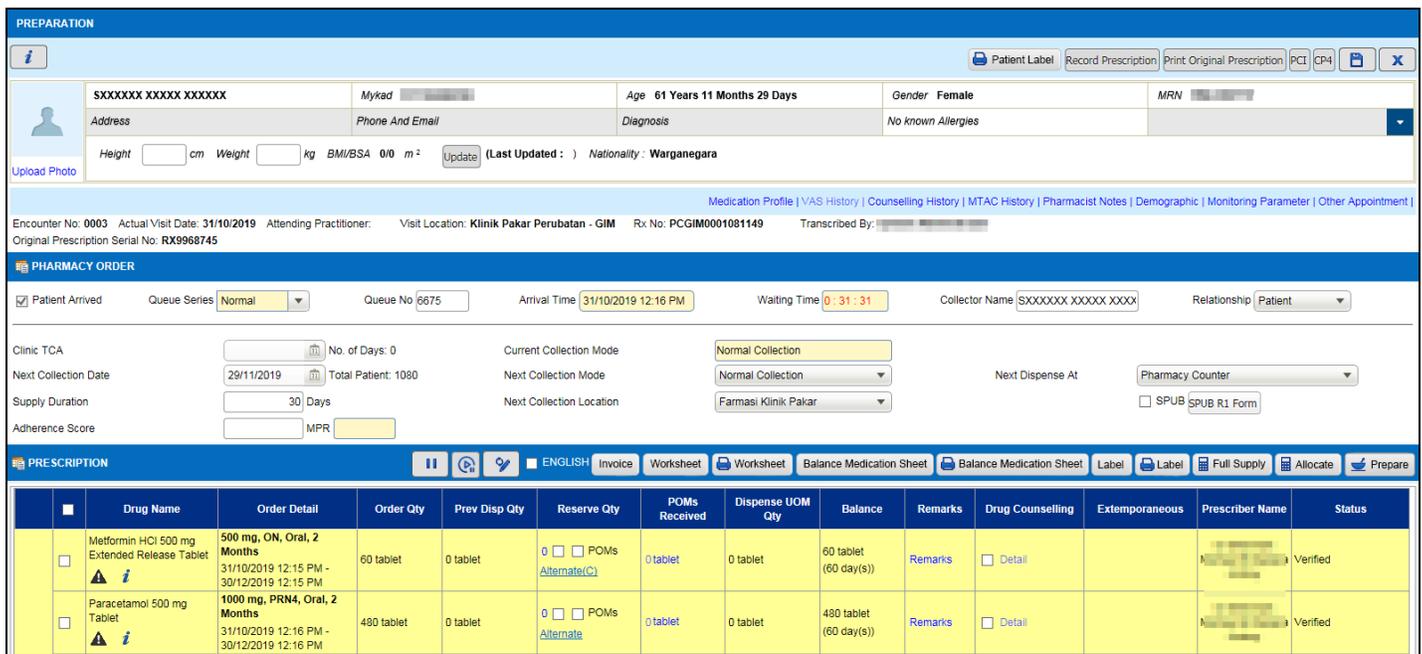
Click on the  button and Information Message will displayed



**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



The screenshot shows the 'PREPARATION' screen with the following details:

- Patient Information:** SXXXXXX XXXXX XXXXXX, Mykad, Age 61 Years 11 Months 29 Days, Gender Female, MRN.
- Pharmacy Order:** Patient Arrived checked, 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.
- Medication Profile:** Metformin HCl 500 mg Extended Release Tablet (500 mg, ON, Oral, 2 Months) and Paracetamol 500 mg Tablet (1000 mg, PRN4, Oral, 2 Months).
- Table:**

	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 <a href="#">Alternate(C)</a>	0 tablet	0 tablet	60 tablet (60 day(s))	Remarks	<input type="checkbox"/> Detail			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 <a href="#">Alternate</a>	0 tablet	0 tablet	480 tablet (60 day(s))	Remarks	<input type="checkbox"/> Detail			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.



### 3.7.2 After Patient Called

This function can be use when patient does not come to collect the medication or patient refused the medication

PHARMACY ORDER

Patient Arrived Queue Series: Normal Queue No: 6675 Arrival Time: 31/10/2019 12:16 PM Waiting Time: 0:44:18 Collector Name: SXXXXXXXXXXXXXXX Relationship: Patient

Next Collection Date: 29/11/2019 Total Patient: 1080 Next Collection Mode: Normal Collection Next Collection Location: Farmasi Klinik Pakar

Dispense At: Pharmacy Counter Dispense Method: Normal Collection

Remarks:   Patient Called Queue No. Called Time: 31/10/2019 1:01 PM 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	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	<input type="checkbox"/>		[Redacted]	Uncollected	<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	<input type="checkbox"/>		[Redacted]	Uncollected	<input type="checkbox"/>

Figure 3.7.2-1 Dispensing

#### STEP 1

Click on the **Patient Called**  checkbox to call patient

#### Note

The drug status will change from prepared to uncollected once the **Patient Called** checkbox is selected

#### STEP 2

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

RELEASE/DISCARD BATCH

IC No/Other Identification:  Drug Name:  Search

New Record(s): 1 / 1

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

Figure 3.7.2-2 Release/Discard Batch

#### STEP 3

Click on the  checkbox for selected Drug

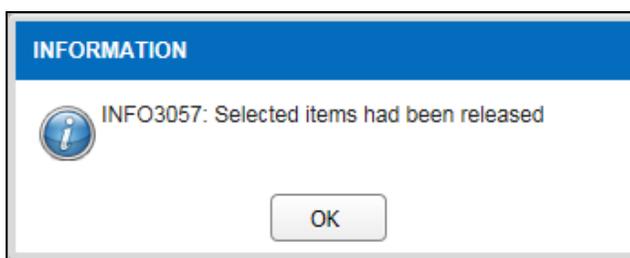
**STEP 4**

Select **Reason for Release/Discard**

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

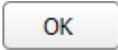
**STEP 5**

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 XXXXXX	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 <sup>2</sup> <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 XXXXXX	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	<a href="#">Remark</a>
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	<a href="#">Remark</a>

**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	Amiodipine 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 / 429 ]

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

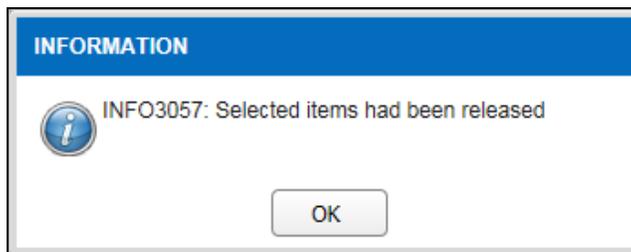
**STEP 4**

Select **Reason for Release/Discard**

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

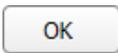
**STEP 5**

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.

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 Icon] **4**

Status: Draft

Remarks:

**MEDICATION RETURN DRUGS**

Dispense No: [plus button]

**Patient Visit Search**

Patient MRN: [Search]      Patient Name: [Search]

[ 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

**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: [Redacted]      Age: 21 Years 11 Months 17 Days      Gender: Male      MRN: [Redacted]

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

Height: [Redacted] cm      Weight: [Redacted] kg      BMI/BSA: 0/0 m<sup>2</sup>      Update (Last Updated: )      Nationality: Warganegara

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

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

Status: Draft

Remarks:

**MEDICATION RETURN DRUGS**

Dispense No: [plus button] **6**

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**

 **RETURN DRUG**

Dispense No <input style="width: 90%;" type="text" value="072118_00080"/>	Drug Name <input style="width: 90%;" type="text" value="Cephalexin Monohydra"/>
Reason <input style="width: 90%;" type="text" value="Patient Refused"/>	Request Return Qty <input style="width: 40%;" type="text" value="30"/> <input style="width: 40%;" type="text" value="cap"/>
Previous Dispense Qty 30 cap	

 **RECEIVE RETURN QUANTITY**

Return Qty <input style="width: 40%;" type="text" value="20"/> <input style="width: 10%;" type="text" value="cap"/>	Batch No <input style="width: 90%;" type="text" value="5000703"/>
Discard Qty <input style="width: 40%;" type="text" value="10"/>	Batch Expiry Date <input style="width: 50%;" type="text" value="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
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			
<input type="button" value="i"/> <span style="float: right;">14 <input type="button" value="Save"/> <input type="button" value="X"/></span>			
RETURN DRUG			
Dispense No	072118_00080 *	Drug Name	Cephalexin Monohydra *
Reason	Patient Refused *	Request Return Qty	11 30 cap *
		Previous Dispense Qty	30 cap
RECEIVE RETURN QUANTITY			
Return Qty	12 20 cap *	Batch No	13 5000703 *
Discard Qty	10 *	Batch Expiry Date	30/11/2020 <input type="button" value="Calendar"/>

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

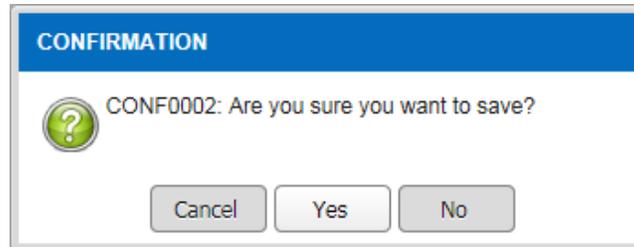
MEDICATION RETURN DRUG			
<input type="button" value="i"/> <span style="float: right;"><input type="button" value="Save"/> <input type="button" value="X"/></span>			
RETURN DRUG			
Dispense No	070919_00001 *	Drug Name	Loratadine 10 mg Tabl *
Reason	Excess Supply *	Request Return Qty	30 tab *
UMP Defect Type	Return By Patient *	Previous Dispense Qty	30 tab
<input type="button" value="i"/> <span style="float: right;">RECEIVE RETURN QUANTITY</span>			
Return Qty	30 tab *	Batch No	1807056 *
Discard Qty	0 *	Batch Expiry Date	31/07/2022 <input type="button" value="Calendar"/>

Figure 3.8-7 Medication Return Drug

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

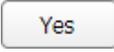
**STEP 14**

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 m<sup>2</sup> Update (Last Updated : ) Nationality : Warganegara

Encounter No: 0011 Actual Visit Date: 31/10/2019 Attending Practitioner: Visit Location: MOPD [Medication Profile](#)

Request No	0082/2019	Patient MRN	
Status	Requested 		
Remarks	<div style="border: 1px solid #ccc; height: 20px; width: 100%;"></div>		

**MEDICATION RETURN DRUGS**


< < 1 / 1 > >
[ 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="float: right;">     </div>			
<b>RETURN DRUG</b>			
Dispense No	072118_00080	Drug Name	Cephalexin Monohydrate
Reason	Patient Refused	Request Return Qty	30 pck
		Previous Dispense Qty	30 pck
<b>RECEIVE RETURN QUANTITY</b>			
Return Qty	20 pck	Batch No	5000703
Discard Qty	10	Batch Expiry Date	30/11/2020

Figure 3.8-10 Medication Return Drug

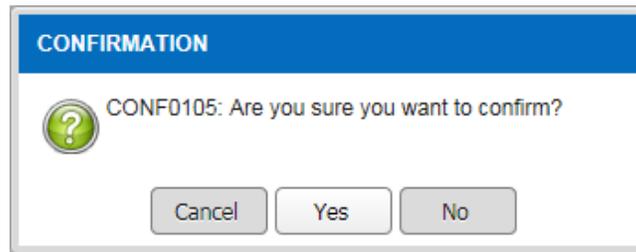
- Click on the  button to modify or click on the  button to delete the record
- User is allowed to modify **Return Qty** and **Batch No**

MEDICATION RETURN															
<div style="float: right;">  </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 <sup>2</sup>	Update (Last Updated : )	Nationality : Warganegara										
<a href="#">Medication Profile  </a>															
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															
<div style="float: right;">[ 1 - 1 / 1 ]</div>															
<table border="1"> <thead> <tr> <th>Dispense No</th> <th>Drug Name</th> <th>Dispensed Qty</th> <th>Requested Return Qty</th> <th>Return Qty</th> </tr> </thead> <tbody> <tr> <td>072118_00080</td> <td>Cephalexin Monohydrate 250mg Capsule</td> <td>30</td> <td>30</td> <td>20</td> </tr> </tbody> </table>						Dispense No	Drug Name	Dispensed Qty	Requested Return Qty	Return Qty	072118_00080	Cephalexin Monohydrate 250mg Capsule	30	30	20
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**

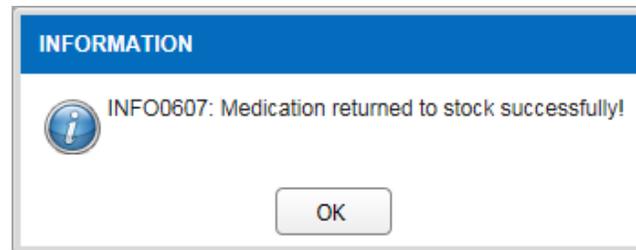
Click on the  button to confirm the transaction and Confirmation Message will be displayed



**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

< << 1 / 15 >> >

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: xxxxxxxxxxxxxx

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

**Search Patient**

Patient Search [X]

Patient MRN  Patient Name

IC No/Other Identification

< < 1 / 20975 > > [ 1 - 10 / 209748 ]

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

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

**PHARMACY INFORMATION SYSTEM**

HOSPITAL SERI MANJUNG Logout

Home Re-Dispensing

**RE-DISPENSE LIST** Search Patient

Patient Name  Dispense Date

MRN  IC No/Other Identification

< < 1 / 15 > > [ 1 - 10 / 148 ]

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
	UXXXXXX XX XXXXXXX	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 XXXXXXX	140922080882	RD141019_00008	081716_05341	14/10/2019	Draft
	RXXXXX XX XXXXX XXXX	660901085202	RD111019_00002	101119_00008	11/10/2019	Dispensed
	MXXXXXXX XXXXXXX XXX XXXX	560114106109	RD050819_00001	080519_00001	05/08/2019	Dispensed
	MXXXXXX XXX XXXXXXX	540110085971	RD020819_00012	080119_00001	02/08/2019	Dispensed
	MXXXXXX XXX XXXXXXX	540110085971	RD020819_00011	080119_00001	02/08/2019	Dispensed
	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

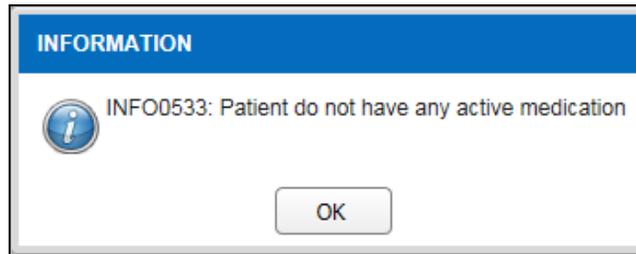
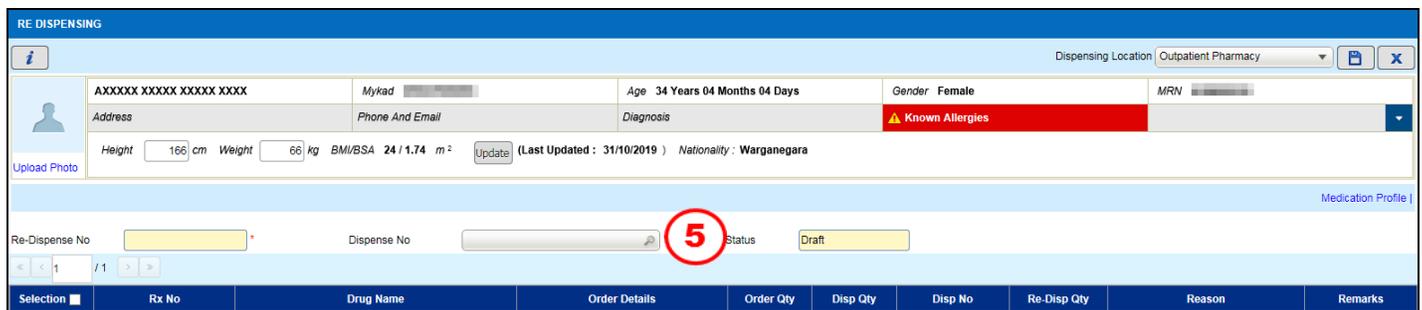


Figure 3.9-4 Information Message

- 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 m<sup>2</sup> (Last Updated: 31/10/2019) Nationality: Warganegara

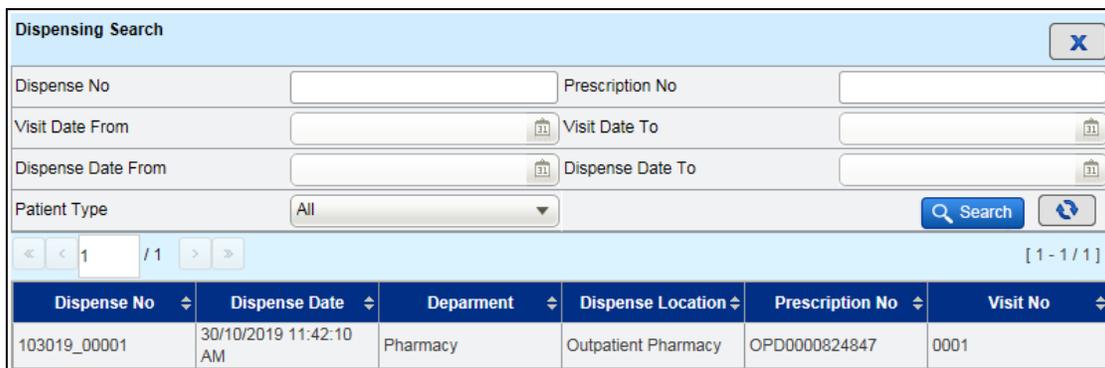
Re-Dispense No: [input] Dispense No: [input] **5** Status: Draft

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**

Dispensing 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 m<sup>2</sup> | 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

AXXXXX XXXXX XXXXX 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 m<sup>2</sup>  (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	<a href="#">Remarks</a>

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

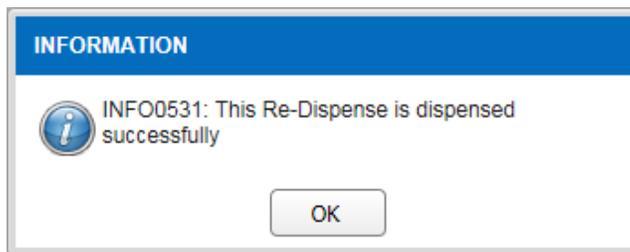


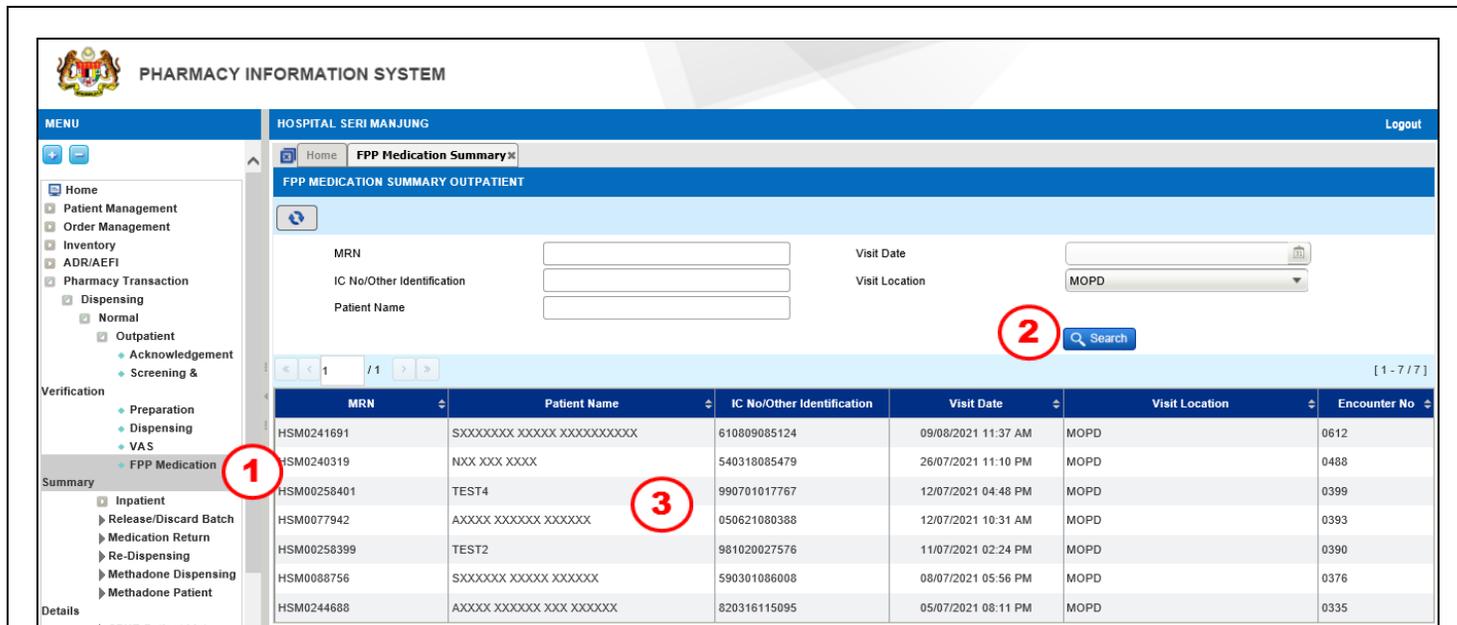
Figure 3.9-10 Information Message

**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 Logout

Home **FPP Medication Summary**

**FPP MEDICATION SUMMARY OUTPATIENT**

MRN:  Visit Date:

IC No/Other Identification:  Visit Location:

Patient Name:  2 Search

1-7/7

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

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

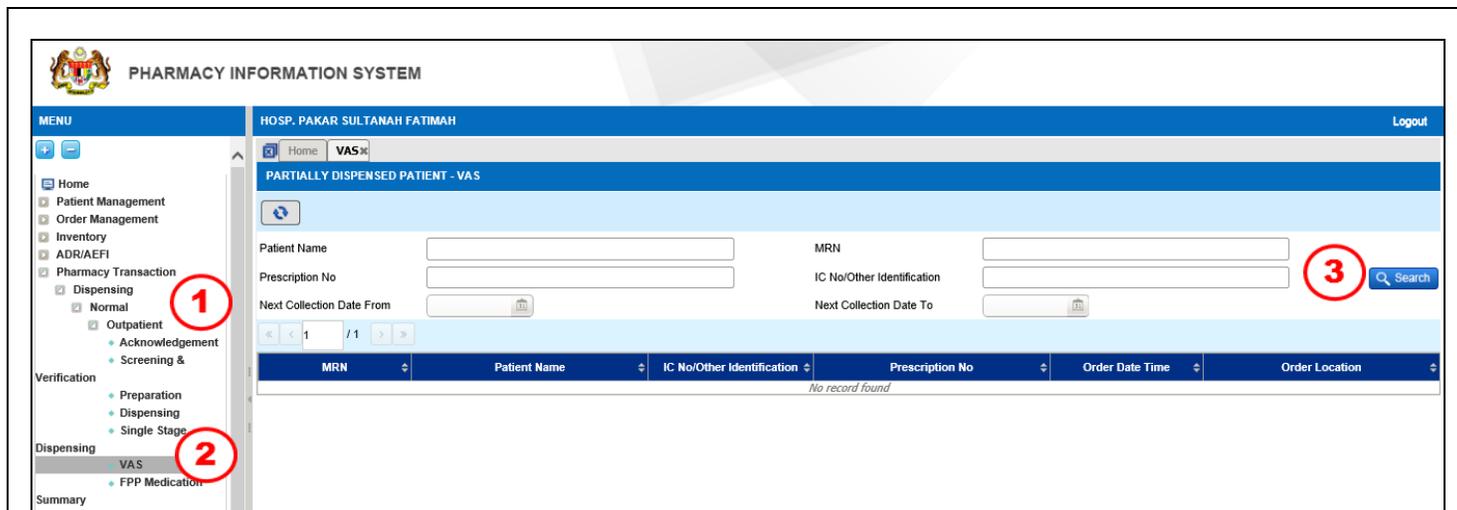


Figure 3.11-1 VAS

#### 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 Logout

Home VAS

**PARTIALLY DISPENSED PATIENT - VAS**

MRN   
 IC No/Other Identification  Search

< 1 / 1374 >

MRN	Patient Name	IC No/Other Identification	Prescription No	Order Date Time	Order Location
HP	GXX XXX XXX	2	MOPC0002430194 <b>4</b>	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 XXXXXX	0	WRD8800001997568	24/10/2019 02:38 PM	WAD 4
HP	OXXX XXX XXXXX	5	MOPC0002391984	28/10/2020 10:17 AM	KLINIK PAKAR PERUBATAN
HP	NXX XXXXXXXX XXXXX XX XXXXXX	0	PSYC0002404944	10/11/2020 11:58 AM	KLINIK PAKAR PSIKIATRI
HP	MXXX XXXXXX XXX XXXXXX	8	ENTC0002406379	11/11/2020 02:52 PM	KLINIK PAKAR ENT
HP	MXXX XXX XXX XX XXXXXX	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** [Edit] [Refresh] [Close]

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

cm  kg BMI/BSA 0/0 m<sup>2</sup>  (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 Next Collection Location: FARMASI KLINIK PAKAR \*  
 Method of Service Application:  Source of Information:

**PRESCRIPTION**

< 1 / 1 >

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

GXX XXX XXX    Mykad 2[REDACTED]    Age 93 Years 10 Months 16 Days    Gender Female    MRN HI [REDACTED]

Address    Phone And Email    Diagnosis    No known Allergies

Height [REDACTED] cm    Weight [REDACTED] kg    BMI/BSA 0/0 m<sup>2</sup>    Update (Last Updated : )    Nationality : Warganegara

Upload Photo

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

Encounter No: 0596    Actual Visit Date: 06/12/2020    Attending Practitioner: [REDACTED]    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 Location: 7 FARMASI KLINIK PAKAR

Next Collection Date: 6 01/07/2021    Total Patient: 0

Method of Service Application    Source of Information

**PRESCRIPTION**

1 / 1    [1 - 1 / 1]

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

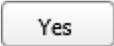
**CONFIRMATION**

CONF0002: Are you sure you want to save?

Cancel    Yes    No

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>	<a href="#">Click Here</a>	12	<i>CDR Dispensing</i>	<a href="#">Click Here</a>
2	<i>CDR Order</i>	<a href="#">Click Here</a>	13	<i>Methadone Dispensing</i>	<a href="#">Click Here</a>
3	<i>TDM Order</i>	<a href="#">Click Here</a>	14	<i>PN Dispensing</i>	<a href="#">Click Here</a>
4	<i>PN Order</i>	<a href="#">Click Here</a>	15	<i>Order Management</i>	<a href="#">Click Here</a>
5	<i>IV Order</i>	<a href="#">Click Here</a>	16	<i>Patient Management</i>	<a href="#">Click Here</a>
6	<i>Prepacking</i>	<a href="#">Click Here</a>	17	<i>Radiopharmaceuticals</i>	<a href="#">Click Here</a>
7	<i>Galenical</i>	<a href="#">Click Here</a>	18	<i>Outpatient</i>	<a href="#">Click Here</a>
8	<i>MTAC</i>	<a href="#">Click Here</a>	19	<i>Special Drug Request</i>	<a href="#">Click Here</a>
9	<i>ADR &amp; DAC</i>	<a href="#">Click Here</a>	20	<i>MAR</i>	<a href="#">Click Here</a>
10	<i>Medication Counselling</i>	<a href="#">Click Here</a>	21	<i>DICE</i>	<a href="#">Click Here</a>
11	<i>Ward Pharmacy</i>	<a href="#">Click Here</a>	22		