



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

Full Based User Manual Order management - Medication Order

Version	: 10th EDITION
Document ID	: FB_U. MANUAL_MEDICATION ORDER



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Reference ID : FB_U. MANUAL_MEDICATION ORDER-10th EDITION

Application reference: PhIS & CPS v2.1 & v2.2



Table of Contents

1.0	Introduction.....	1
1.1	Overview of PhIS	1
1.2	Purpose and Objectives.....	1
1.3	Organized Sections	1
2.0	Application Standard Features.....	2
2.1	PhIS Legend.....	2
3.0	Order Management.....	4
	Overview	4
	User Group.....	4
	Functional Diagram	4
	Functional Description.....	5
3.1	Medication Order	6
3.1.1	Record Allergy	6
3.1.2	Record Diagnosis.....	12
3.1.3	Normal Order	13
3.1.4	Add to & from Favorite	23
3.1.5	Split Dose	25
3.1.6	Tapering	27
3.1.7	Discharge Medication	30
3.1.8	Renew Rx	32
3.1.9	Re Order RX With Different Duration	33
3.1.10	Change	36
3.1.11	Stop	39
3.1.12	View MAR	41
3.2	Manage Prescription	44
3.2.1	Change Prescription	44
3.2.2	Stop Medication	48
3.3	Order Endorsement	49
3.4	Order Authorization.....	50
3.5	HOD Authorization	52
4.0	Acronyms	54
5.0	Links To Clinical Modules	54

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 geared towards pharmacy excellence. PhIS implementation would transform most of current manual process to electronic system would benefit facility end user in the health care sector.

There are 12 modules to assist services 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 IV
7. Manufacturing of Cytotoxic Drug Reconstitution, Parenteral Nutrition, Admixture & Eye Drop, Radiopharmaceuticals and Extemporaneous
8. Adverse Drug Reaction & Drug Allergic (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 Order Management module and its key features and functionalities. The primary objective is to help guide user through the process of completing PhIS application process.

User will understand the following activities in details:

- Medication Order
- Manage Prescription
- Order Endorsement
- Order Authorization

1.3 Organized Sections










These are the sections within this document:

- Section 1 : Introduction
- Section 2 : Application Standard Features
- Section 3 : Medication Order
- Section 4 : Acronyms
- Section 5 : Links to Clinical Modules

2.0 Application Standard Features

2.1 PhIS Legend

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

Module Legend					
 Update	Update Records	 Add	Add Drug	 Delete	Delete record
 Search	Search Patient	 Save	Save Prescription	 Clear	Clear field
 Print Prescription	Print Prescription	 Confirm	Confirm Order	 Cancel Order	Cancel Order

Note

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

3.0 Order Management

Overview

The Order Management module handles all the information to specify the ordered items as per local drug formulary, MOH and non-MOH including registered and non-registered drugs. This function is to enable data mining. All medication orders must be prescribed by authorized personnel only and in compliance with guidelines on prescribing in the drug formulary (drug category, discipline / specialty) as defined by MOH.

User Group

This module is intended for specialist, Medical Officer (MO), and Housemen (subject to the assigned by the facility.)

Functional Diagram

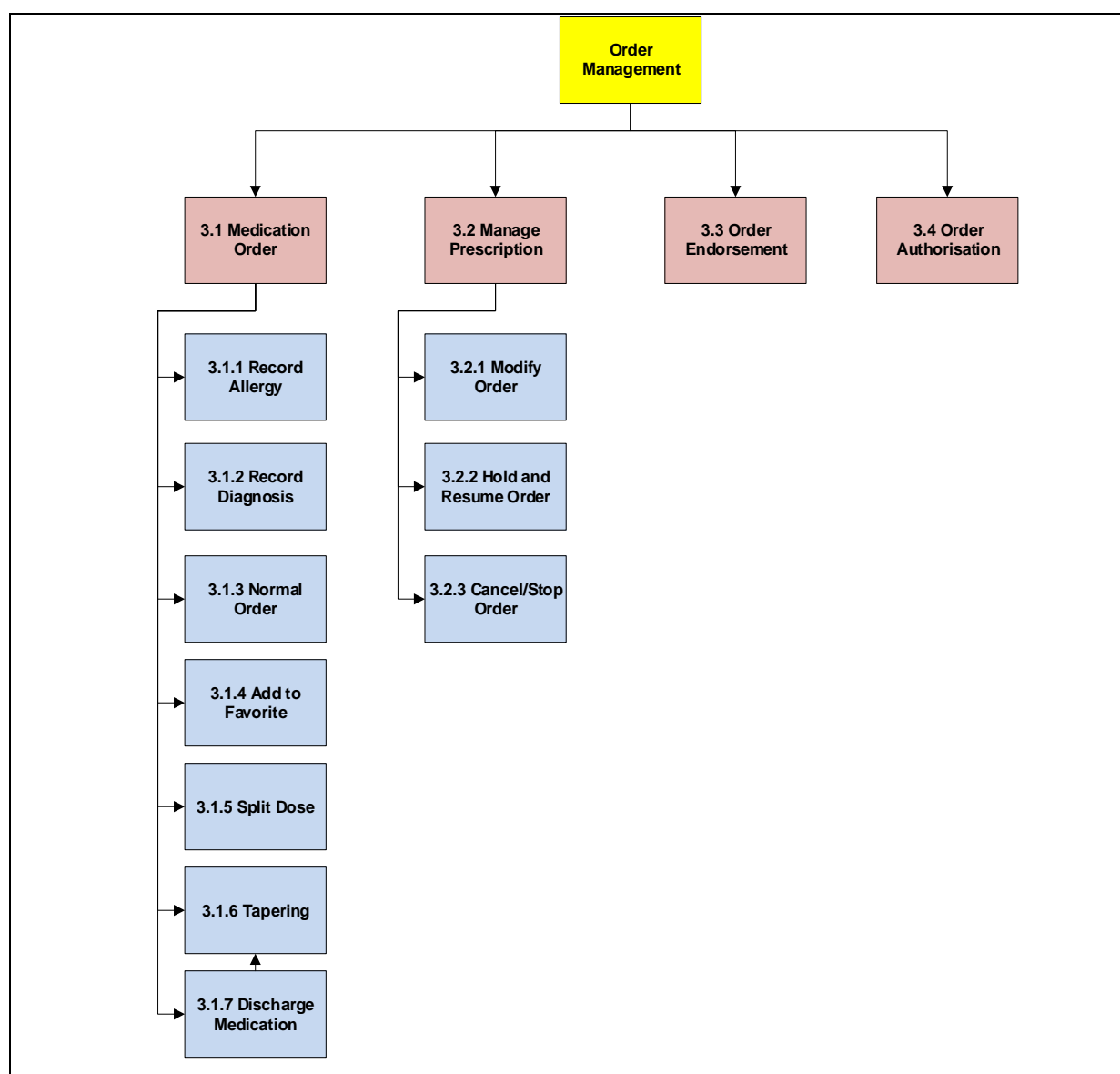


Figure 3.0-1

Functional Description

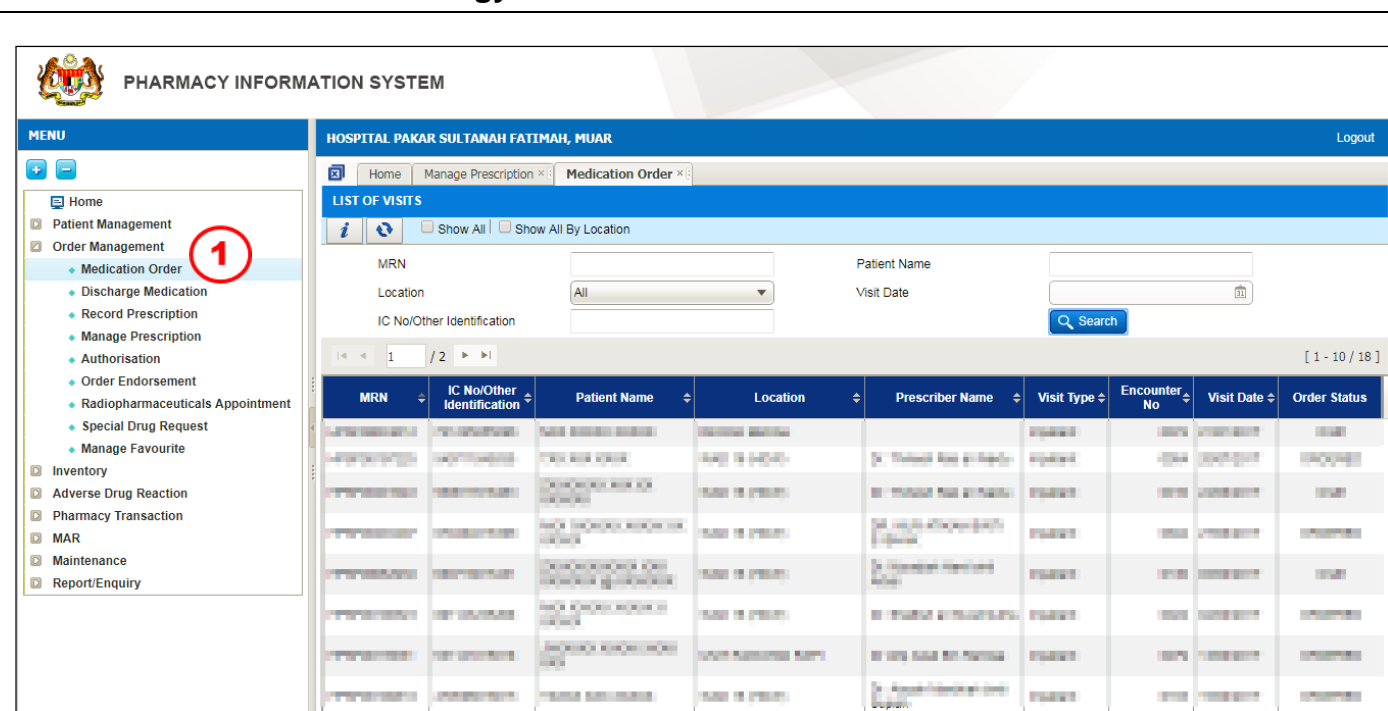
Medication Order comprises of five (4) main functions:

- **Normal Order**
To prescribe normal order
- **Manage Prescription**
To monitor patient's prescription by modifying order, stop order and tapering up/down.
- **Order Endorsement**
The prescriber to endorse the intervention made by a Pharmacist
- **Order Authorization**
To approve list A/ A*/ A/KK drug that requires authorization

3.1 Medication Order

Medication order is designed to prescribe drugs for the patient.

3.1.1 Record Allergy



The screenshot displays the PHIS interface for Hospital Pakar Sultanah Fatimah, Muar. The left sidebar menu shows 'Order Management' as the active section, with 'Medication Order' highlighted. The main area shows a 'LIST OF VISITS' table with columns for MRN, IC No/Other Identification, Patient Name, Location, Prescriber Name, Visit Type, Encounter No, Visit Date, and Order Status. The table contains 10 rows of patient data.

Figure 3.1.1-1 Order Screen Listing Page

Note

PhIS Screen menu/sub menu will be displayed according to user access right.

STEP 1

Click on 'Order Management' menu and follow by 'Medication Order' sub-menu

Note

- Prescriber have the options to view patient by clicking the check box:
 - Show All
 - Show All By Location
- By default, list of patients will be displayed according to prescriber's location access.
- Various search criteria are provided as below:

No	Field	Description	Remark
A	MRN	Patient Medical Record Number	Search option: <ul style="list-style-type: none"> • Type the MRN either full or partial: Example: HPSF00001234 or "1234"
B	Patient Name	Patient Name	Allow to search by patient full name or partial
C	Location	Patient visit location	Able to filter and search patient by visit location and prescriber's location.
D	Visit Date	Visit Date	Patient visits on the facility

Table 3.1.1-1

Note

Search result of patient record list will be displayed:

- MRN
- ID No
- Patient Name

Note

- When the selected patient name is clicked, the summary of patient information will be displayed 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:
 - Patient Name
 - Patient Address
 - Patient IC Number
 - Patient Phone and Email
 - Patient Diagnosis
 - Patient Age
 - Patient Allergy
 - Patient Gender
 - Patient MRN
 - Pensioner Status
- Prescriber able to update on pensioner status if the status appear in patient banner. Pensioner checkbox and pensioner drop down list will appear as Figure 3.1.1-4. Choose on the pensioner type and enter pensioner card number.

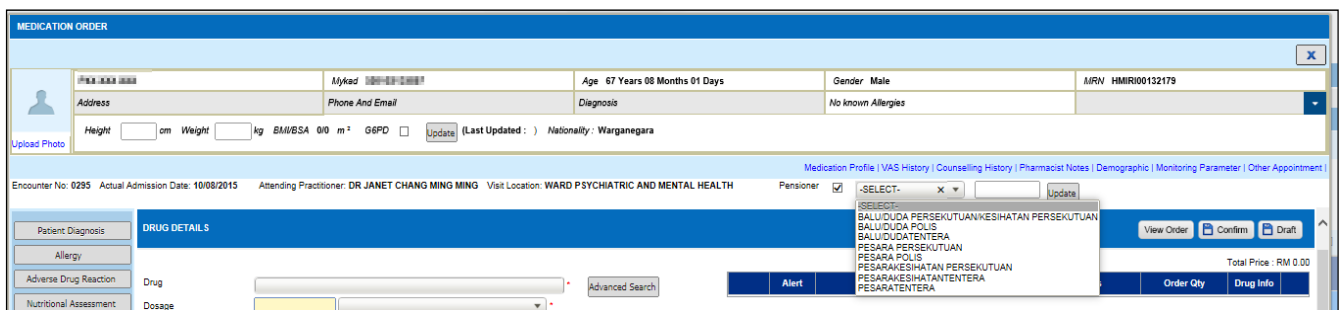


Figure 3.1.1-4 Patient Banner Screen

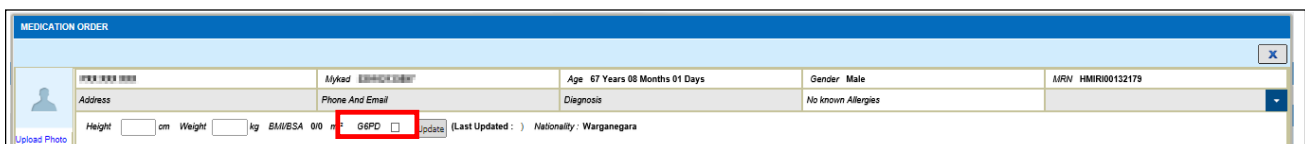


Figure 3.1.1-5 Patient Banner Screen

- Prescriber able to update on G6PD. G6PD checkbox will appear as Figure 3.1.1-5. G6PD refer as Deficiency enzyme of Glukosa-6-Fostat Dehydrogenase

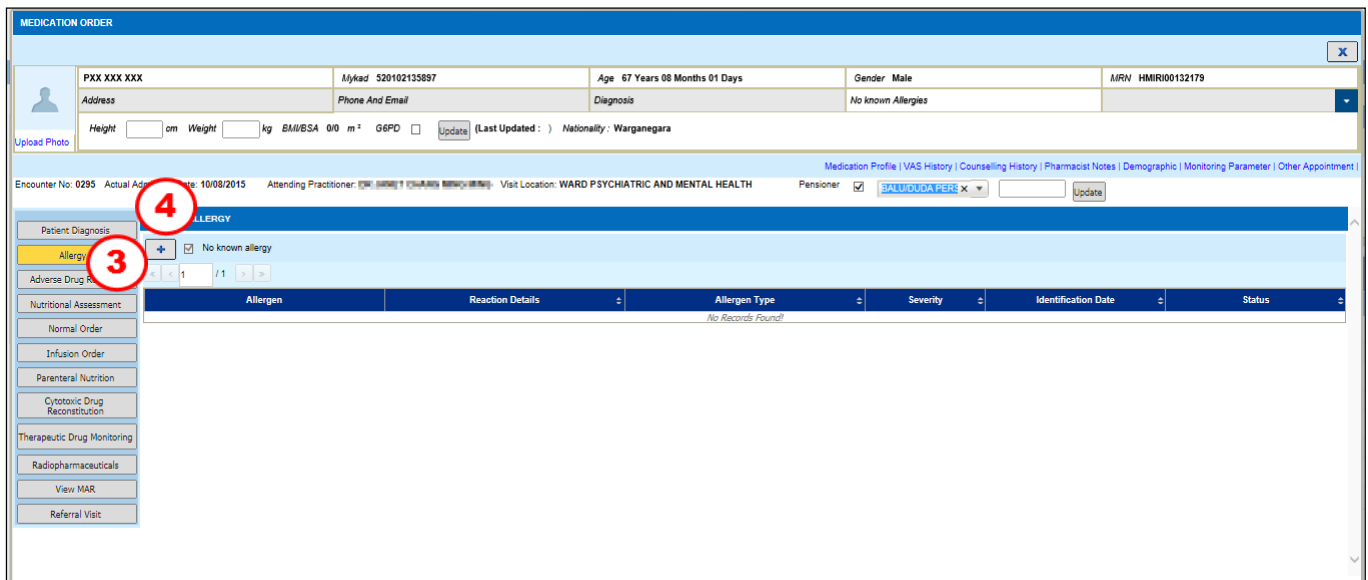


Figure 3.1.1-6 Patient Allergy Screen

STEP 3


Click on the  button to record allergy

STEP 4

Click on the  button to add new allergy

Note

- By default for all patient system will checked on **No Known allergy**  box if the patient does not have any allergy.

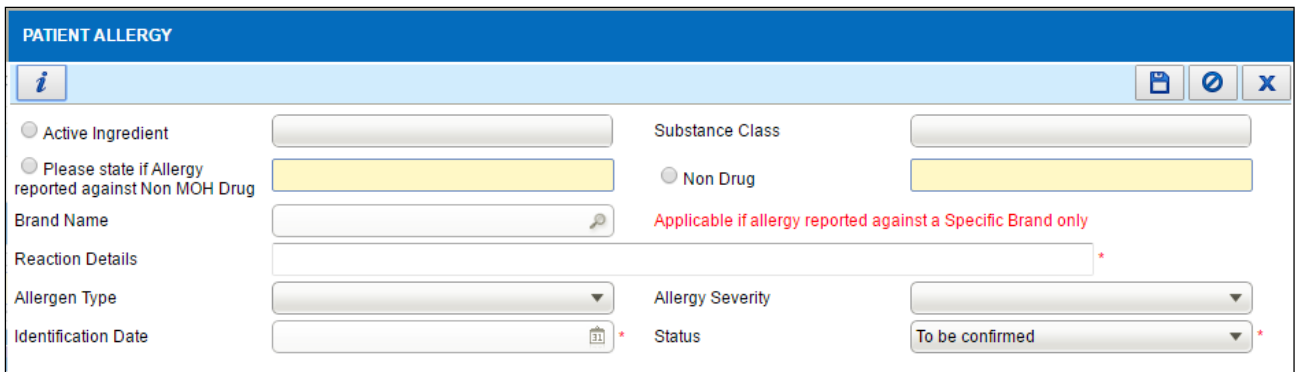
- User only needs to click  button if there is allergic need to be recorded.

The normal order screen displayed blue hyperlink as below:

- Lab Results
- Counselling History
- Demographic
- Pharmacist Notes
- Medication Profile
- Other Appoinment

The normal order screen displayed information as below:

- Encounter No
- Admission Date
- Attending Practitioner
- Visit Location
- Rx No
- Reference NO



PATIENT ALLERGY

i [Save] [Cancel] [Close]

☒ Active Ingredient
 ☐ Please state if Allergy reported against Non MOH Drug

Brand Name *Applicable if allergy reported against a Specific Brand only*

Reaction Details


Allergen Type Allergy Severity

Identification Date Status To be confirmed

Figure 3.1.1-7 Allergy Detail Screen

Note

Click the radio button to declare Patient Allergy based on below selection:

- ☒ Active Ingredient
- To record allergy by active ingredient.
- Active Ingredient will be retrieve from master setup.
- Click the radio button and Search the active ingredient by click on the  button.

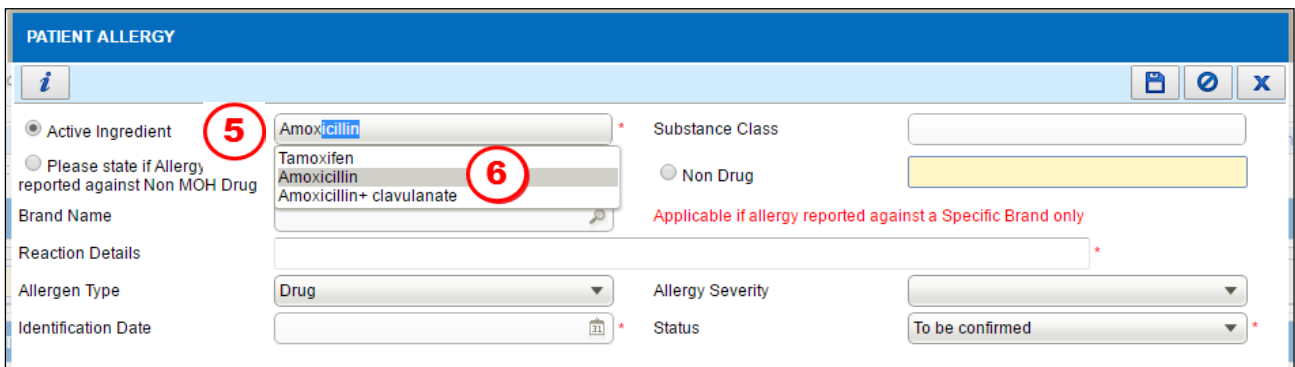


☒ Active Ingredient Amoxicillin * Substance Class Penicillins

- Enter active ingredient, substance class value will be displayed.
- ☐ Please state if Allergy reported against Non MOH Drug
- Click the radio button and state if allergy reported against Non Moh Drug
- ☐ Non Drug
- To record allergy of drug not in MOH list.
- Drug which not define in MOH database.
- Click the radio button and enter drug name.

STEP 5

Click on the Active ingredient button and enter drug name to view list of drug



PATIENT ALLERGY

i [Save] [Cancel] [Close]

☒ Active Ingredient **5**
☐ Please state if Allergy reported against Non MOH Drug

Brand Name *Applicable if allergy reported against a Specific Brand only*

Reaction Details

Allergen Type Allergy Severity

Identification Date Status To be confirmed

Amoxicillin **6**

Tamoxifen

Amoxicillin

Amoxicillin+ clavulanate

Figure 3.1.1-8 Allergy Detail Screen

STEP 6

Double click on the selected active ingredient

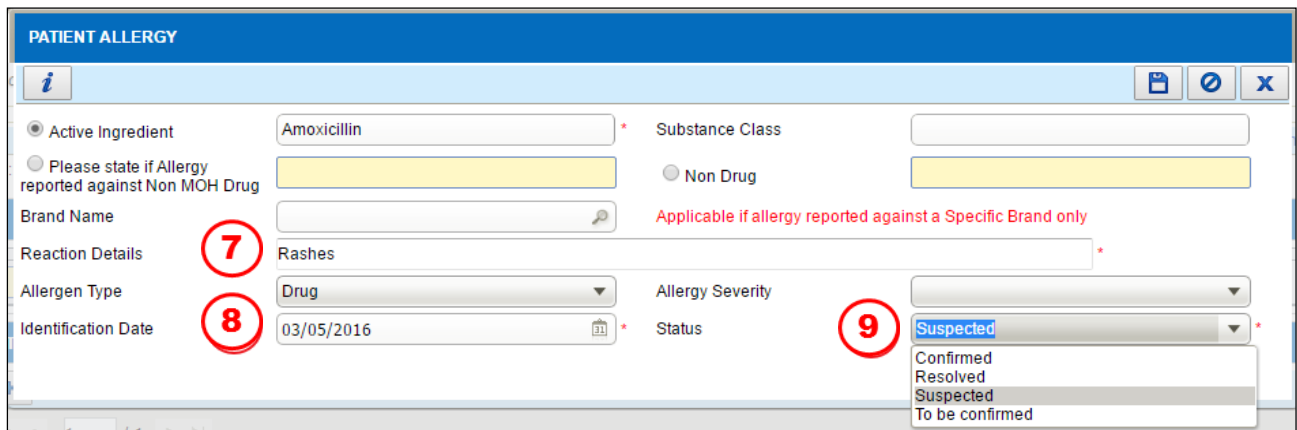


Figure 3.1.1-9 Allergy Detail Screen

STEP 7

Enter **Reaction Details** field – eg:cough , rash

STEP 8

Select **Identification Date** of allergy

STEP 9

Select **Status** from drop down box:

- Confirmed
- Resolved
- Suspected
- To be confirmed

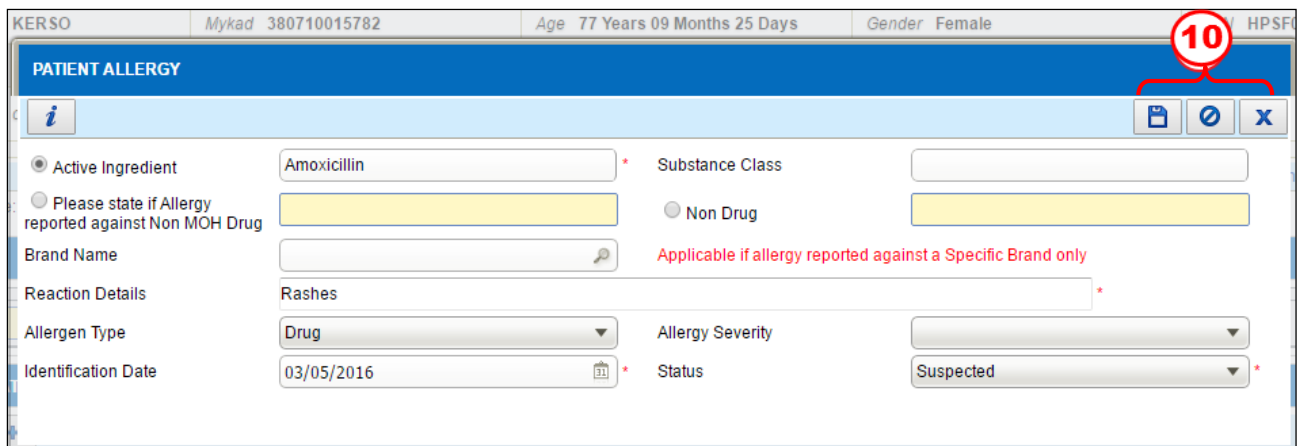


Figure 3.1.1-10 Allergy Detail Screen

Note

Below are the optional fields to be entered:

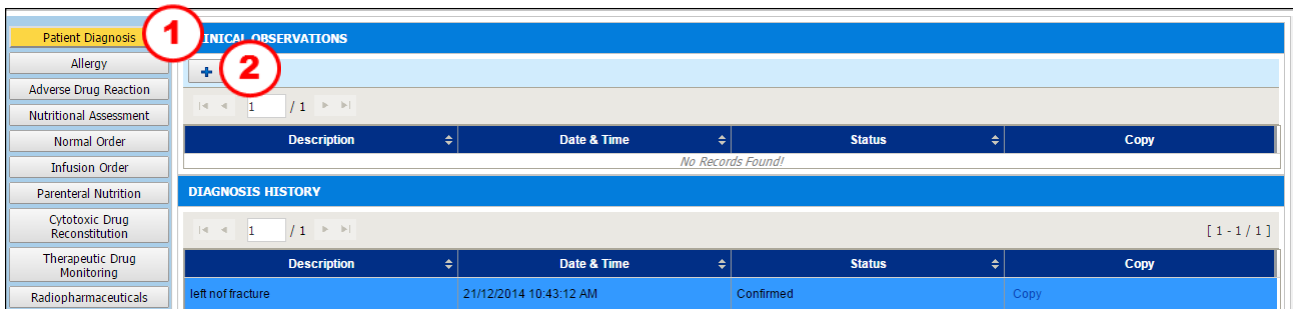
- Brand name
- Allergen Type
- Allergen Description
- Allergy Severity

STEP 10

Click on the  button to save, followed by  button to close existing screen

3.1.2 Record Diagnosis

This function is used for prescriber to record summary patient's diagnosis. Record patient diagnosis for every visit is a mandatory process in order to prescribe medication.





The screenshot shows the 'Patient Diagnosis' landing screen. On the left is a sidebar menu with options: Allergy, Adverse Drug Reaction, Nutritional Assessment, Normal Order, Infusion Order, Parenteral Nutrition, Cytotoxic Drug Reconstitution, Therapeutic Drug Monitoring, and Radiopharmaceuticals. The main area has two sections: 'INITIAL OBSERVATIONS' and 'DIAGNOSIS HISTORY'. The 'INITIAL OBSERVATIONS' section has a '+2' button and a table with columns: Description, Date & Time, Status, and Copy. Below it, it says 'No Records Found!'. The 'DIAGNOSIS HISTORY' section has a table with the same columns, showing one record: 'left nof fracture' on '21/12/2014 10:43:12 AM' with status 'Confirmed' and a 'Copy' button. Red circles with numbers 1 and 2 highlight the 'Patient Diagnosis' button in the sidebar and the '+2' button respectively.

Figure 3.1.2-1 Diagnosis Landing Screen

STEP 1

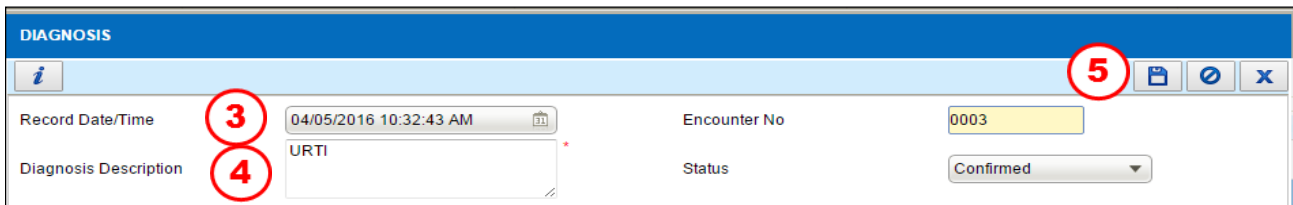
Click on the **Patient Diagnosis** button to open diagnosis screen

Note

- **Diagnosis History** to view patient's diagnosis history.
- **Copy** button for record same diagnosis, user need to click on the **Copy** button and click on the  button to save, followed by  button to close existing screen.

STEP 2

Click on the  button to add new diagnosis



The screenshot shows the 'DIAGNOSIS' detail screen. It has a header bar with an 'i' icon and a '5' in a red circle next to it. Below the header are four fields: 'Record Date/Time' (3) with value '04/05/2016 10:32:43 AM', 'Encounter No' with value '0003', 'Diagnosis Description' (4) with value 'URTI', and 'Status' with a dropdown menu showing 'Confirmed'. There are also icons for save, refresh, and close at the top right. Red circles with numbers 3, 4, and 5 highlight the date/time field, the description field, and the top right area respectively.

Figure 3.1.2-2 Diagnosis Detail Screen

STEP 3

Enter **Record Date / Time**

STEP 4

Enter **Diagnosis Description**

STEP 5

Click on the  button to save, followed by  button to close existing screen

Note

- **Record Date/Time** system will default to current date and time, but the user still has the option to select from calendar.
- **Status** will be defaulted to **Confirmed** but users can select from the drop down box for other status:
 - Confirmed
 - Resolved
 - Suspected
 - To be Confirmed

3.1.3 Normal Order

This function is used to prescribe medication for both inpatient and outpatient department.

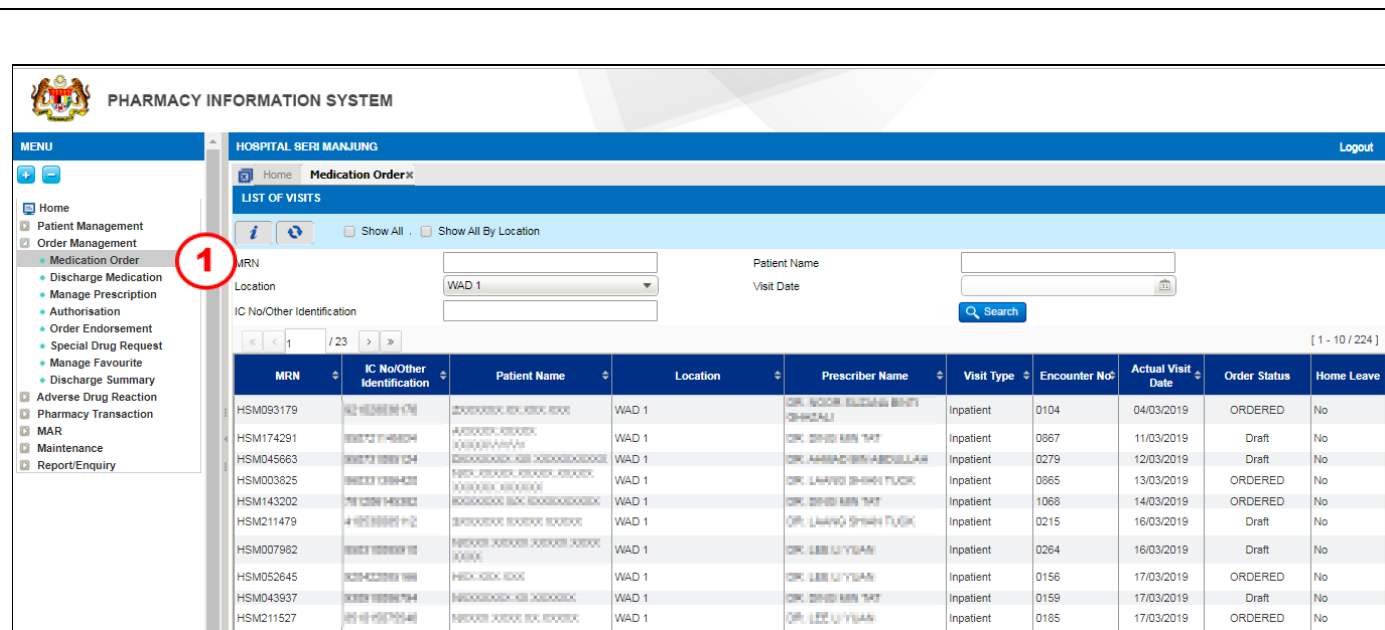


Figure 3.1.3-1 Order Screen Listing Page

STEP 1

Click on 'Order Management' menu and follow by 'Medication Order' sub-menu

Note

- Prescriber have the option to view patients by clicking the check box:
- Show All
- Show All By Location
- By default list the of patients will be displayed according to prescriber's location access.
- Various search criteria is provided as below:

No	Field	Description	Remark
A	MRN	Patient Medical Record Number	Search option: <ul style="list-style-type: none"> Type the MRN either full or partial: Example: HPSF00001234 or "1234"
B	Patient Name	Patient Name	Allow to search by patient full name or partial
C	Location	Patient visit location	Able to filter and search patient by visit location
D	Visit Location	Visit Location	Patient visits on the facility

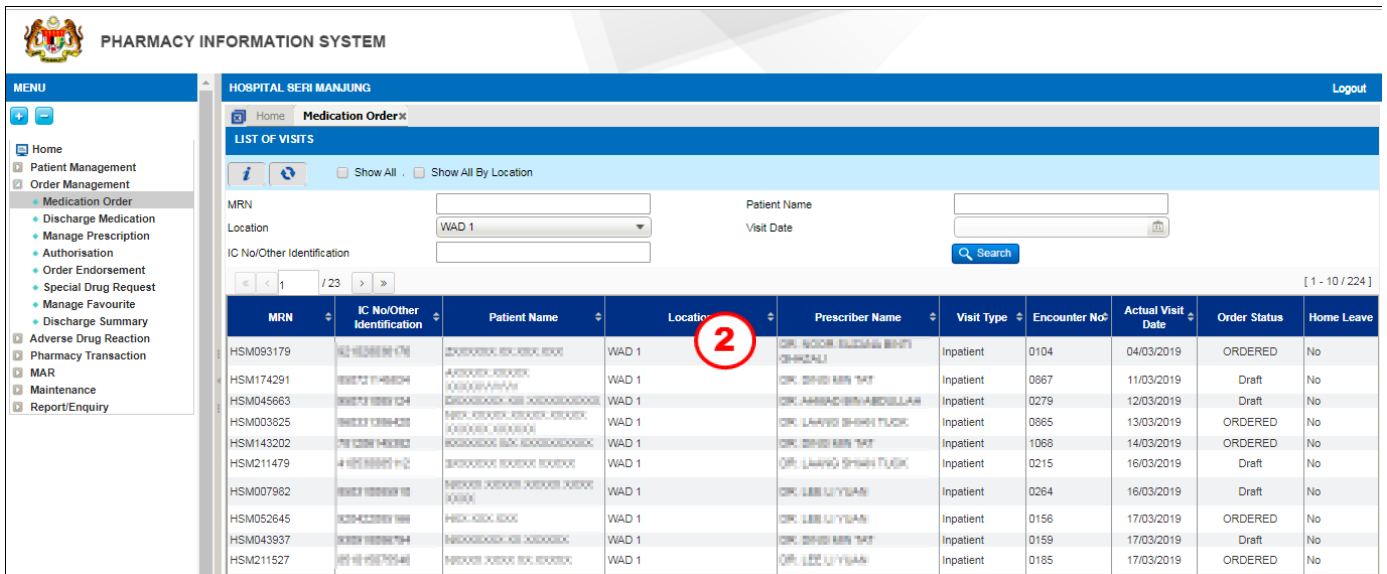
Table 3.1.3-1

Note

Search result of patient record list will be displayed:

- MRN
- ID No
- Patient Name
- Location
- Prescriber Name
- Visit Type

- Encounter No
- Visit Date
- Order Status



PHARMACY INFORMATION SYSTEM

HOSPITAL SERI MANJUNG

Home Medication Order

LIST OF VISITS

Show All Show All By Location

MRN: [] Patient Name: []
Location: WAD 1 Visit Date: []
IC No/Other Identification: []

[1 / 23]

MRN	IC No/Other Identification	Patient Name	Location	Prescriber Name	Visit Type	Encounter No	Actual Visit Date	Order Status	Home Leave
HSM093179	42 423816 176	XXXXXXXXXXXXXXXXXXXX	WAD 1	DR. BOON EUGENE BENY CHAZALI	Inpatient	0104	04/03/2019	ORDERED	No
HSM174291	423816 176	XXXXXXXXXXXXXXXXXXXX	WAD 1	DR. BOON EUGENE BENY CHAZALI	Inpatient	0967	11/03/2019	Draft	No
HSM045663	423816 176	XXXXXXXXXXXXXXXXXXXX	WAD 1	DR. AHMAD BIN ABUJALIL	Inpatient	0279	12/03/2019	Draft	No
HSM003825	423816 176	XXXXXXXXXXXXXXXXXXXX	WAD 1	DR. LAAYO SHAW TUCK	Inpatient	0865	13/03/2019	ORDERED	No
HSM143202	423816 176	XXXXXXXXXXXXXXXXXXXX	WAD 1	DR. BOON EUGENE BENY CHAZALI	Inpatient	1068	14/03/2019	ORDERED	No
HSM211479	423816 176	XXXXXXXXXXXXXXXXXXXX	WAD 1	DR. LAAYO SHAW TUCK	Inpatient	0215	16/03/2019	Draft	No
HSM007982	423816 176	XXXXXXXXXXXXXXXXXXXX	WAD 1	DR. LEE LUYAN	Inpatient	0264	16/03/2019	Draft	No
HSM052645	423816 176	XXXXXXXXXXXXXXXXXXXX	WAD 1	DR. LEE LUYAN	Inpatient	0156	17/03/2019	ORDERED	No
HSM043937	423816 176	XXXXXXXXXXXXXXXXXXXX	WAD 1	DR. BOON EUGENE BENY CHAZALI	Inpatient	0159	17/03/2019	Draft	No
HSM211527	423816 176	XXXXXXXXXXXXXXXXXXXX	WAD 1	DR. LEE LUYAN	Inpatient	0185	17/03/2019	ORDERED	No

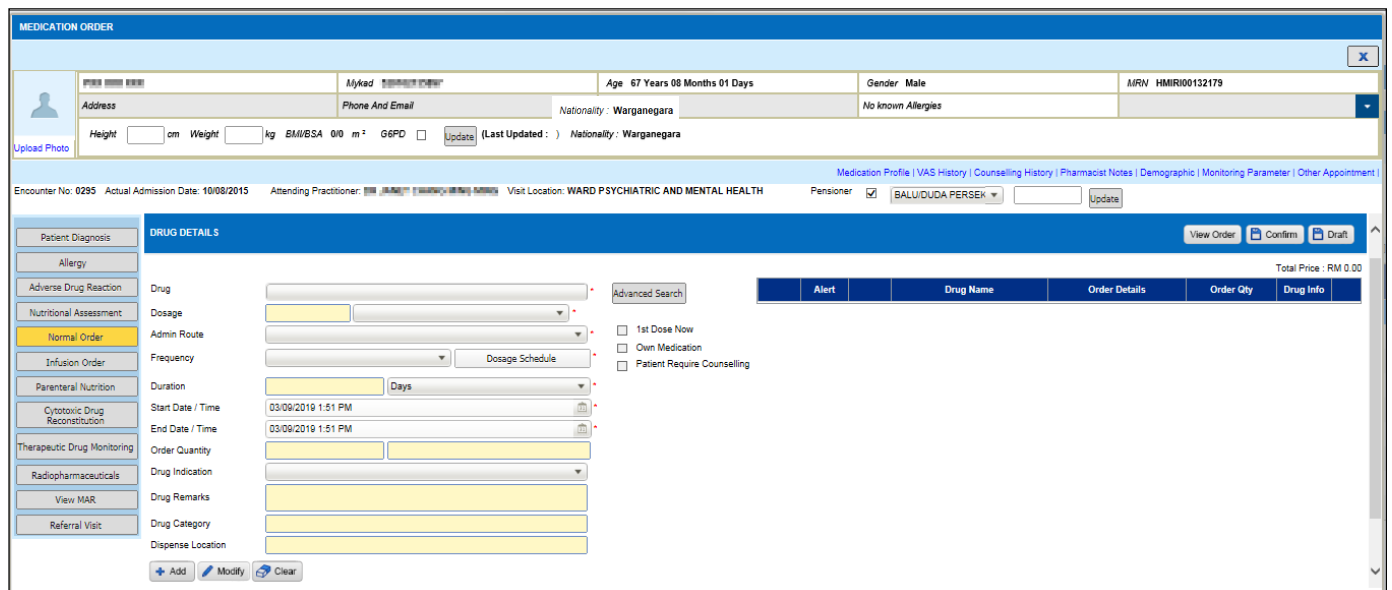
Figure 3.1.3-2 Order Screen Listing Page

STEP 2

Double click on the selected patient

Note

- Order Status = 'ORDERED', confirmed prescription.
- Order Status = 'Draft', saved prescription but has not been confirmed.



MEDICATION ORDER

Mykad 67 Years 08 Months 01 Days Gender: Male MRN: HMR00132179

Address: [] Phone And Email: [] Nationality: Warganegara No known Allergies

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

Encounter No: 0295 Actual Admission Date: 10/08/2015 Attending Practitioner: [] Visit Location: WARD PSYCHIATRIC AND MENTAL HEALTH Pensioner: [] BALUDUDA PERSEK Update

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

Encounter No: 0295 Actual Admission Date: 10/08/2015 Attending Practitioner: [] Visit Location: WARD PSYCHIATRIC AND MENTAL HEALTH Pensioner: [] BALUDUDA PERSEK Update

View Order Confirm Draft

Drug Details

Drug: [] Advanced Search

Dosage: [] Admin Route: []

Frequency: [] Dosage Schedule: []

Duration: [] Days

Start Date / Time: 03/09/2019 1:51 PM

End Date / Time: 03/09/2019 1:51 PM

Order Quantity: []

Drug Indication: []

Drug Remarks: []

Drug Category: []

Dispense Location: []

+ Add Modify Clear

Alert Drug Name Order Details Order Qty Drug Info

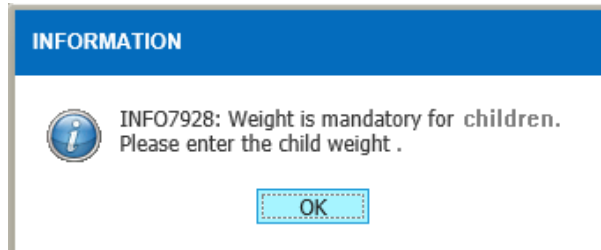
1st Dose Now Own Medication Patient Require Counselling

Total Price: RM 0.00

Figure 3.1.3-3 Normal Order Detail Screen

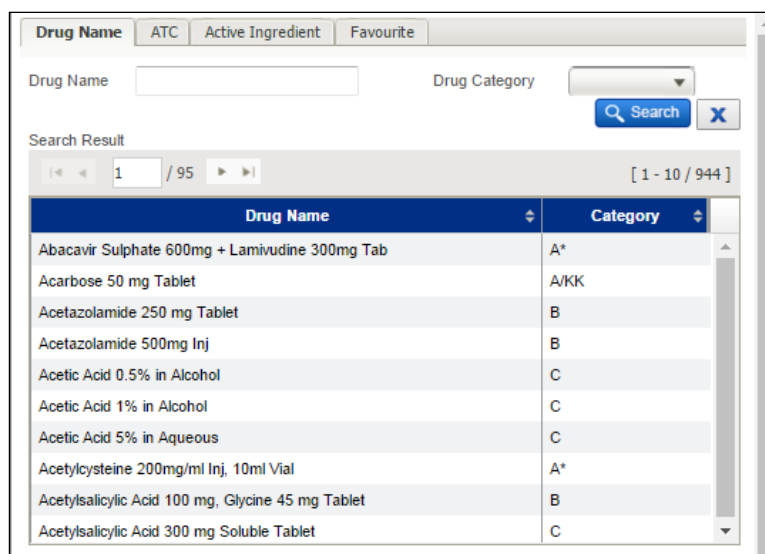
Note

- A message to enter children weight will appear



- Note: If "Pediatric Weight Mandatory" = No, no alert message will be displayed if user did not enter patient weight.
- Breast Feeding and Pregnant checkboxes are only applicable for female patient.
- Search drug by enter keyword of the drug name.
- User can search drug by using the **Advanced Search** button
- This list will be displayed with the result of any drug active ingredient or trade name contains the search text criteria.
- The **Advanced Search** screen displayed information as below:
 - Drug Name
 - ATC
 - Active Ingredient
 - Favourite

Advance Search

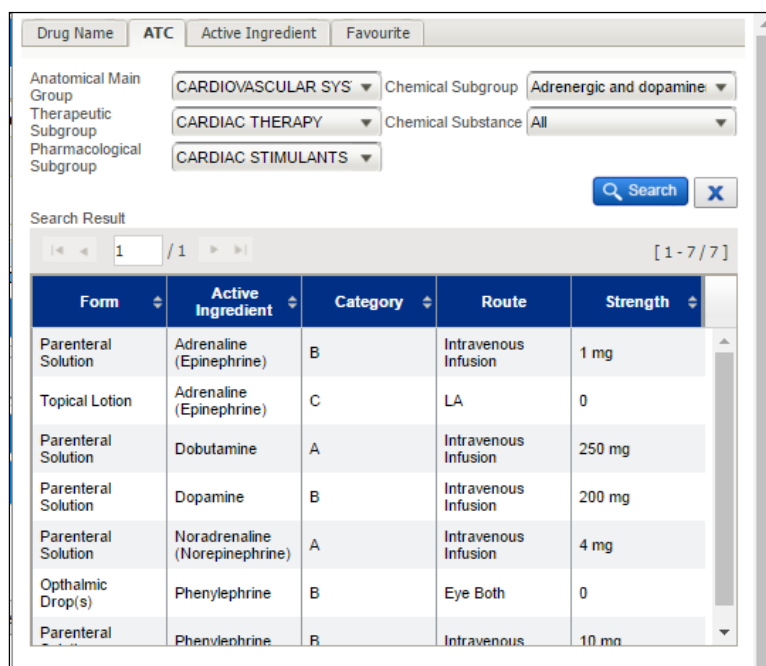


Drug Name	Category
Abacavir Sulphate 600mg + Lamivudine 300mg Tab	A*
Acarbose 50 mg Tablet	A/KK
Acetazolamide 250 mg Tablet	B
Acetazolamide 500mg Inj	B
Acetic Acid 0.5% in Alcohol	C
Acetic Acid 1% in Alcohol	C
Acetic Acid 5% in Aqueous	C
Acetylcysteine 200mg/ml Inj, 10ml Vial	A*
Acetylsalicylic Acid 100 mg, Glycine 45 mg Tablet	B
Acetylsalicylic Acid 300 mg Soluble Tablet	C

Figure 3.1.3-4 Drug Name Search Detail Screen

Note

- Search by **DrugName** tab.
- Enter Drug name.
- Select and enter Drug Category from drop down box:
 - A
 - A*
 - A/KK
 - B
 - C
 - C+
- Search result be displayed after **Search** button is clicked. Click on the selected drug to continue prescribing.



The screenshot shows the ATC Search Detail Screen. At the top, there are tabs for 'Drug Name', 'ATC', 'Active Ingredient', and 'Favourite'. The 'ATC' tab is selected. Below the tabs, there are four dropdown menus for filtering: 'Anatomical Main Group' (set to 'CARDIOVASCULAR SYS'), 'Therapeutic Subgroup' (set to 'CARDIAC THERAPY'), 'Pharmacological Subgroup' (set to 'CARDIAC STIMULANTS'), and 'Chemical Subgroup' (set to 'Adrenergic and dopamine'). There is also a 'Chemical Substance' dropdown set to 'All'. A 'Search' button with a magnifying glass icon is next to these filters. Below the filters, the 'Search Result' section shows a table with 7 results. The table has columns for 'Form', 'Active Ingredient', 'Category', 'Route', and 'Strength'. The results are as follows:

Form	Active Ingredient	Category	Route	Strength
Parenteral Solution	Adrenaline (Epinephrine)	B	Intravenous Infusion	1 mg
Topical Lotion	Adrenaline (Epinephrine)	C	LA	0
Parenteral Solution	Dobutamine	A	Intravenous Infusion	250 mg
Parenteral Solution	Dopamine	B	Intravenous Infusion	200 mg
Parenteral Solution	Noradrenaline (Norepinephrine)	A	Intravenous Infusion	4 mg
Ophthalmic Drop(s)	Phenylephrine	B	Eye Both	0
Parenteral	Phenylephrine	B	Intravenous	10 mg

Figure 3.1.3-5 ATC Search Detail Screen

Note

- Search by **ATC** tab.
- Select and enter the ATC group/subgroup from drop down box from level from 1 to 5.
 - Anatomical Main Group
 - Therapeutic Subgroup
 - Pharmacological Subgroup
 - Chemical Subgroup
 - Chemical Substance
- Search result will be displayed after **Search** button is clicked. Click on the selected drug to continue prescribing.

Drug Name
ATC
Active Ingredient
Favourite

Active Ingredient
Dosage Form
Admin Route

Search
X

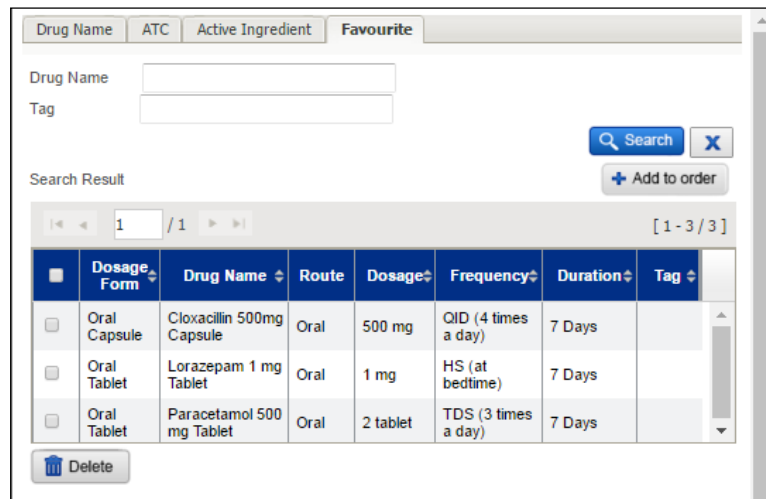
1 / 95
[1 - 10 / 944]

Dosage Form	Drug Name	Category	Admin Route	Strength
Oral Tablet	Abacavir Sulphate 600mg + Lamivudine 300mg Tab	A*	Oral	0
Oral Tablet	Acarbose 50 mg Tablet	A/KK	Oral	50 milligram
Oral Tablet	Acetazolamide 250 mg Tablet	B	Oral	250 milligram
Parenteral Solution	Acetazolamide 500mg Inj	B	Intravenous	0
Topical Liquid	Acetic Acid 0.5% in Alcohol	C	LA	
Topical Liquid	Acetic Acid 1% in Alcohol	C	LA	
Topical Liquid	Acetic Acid 5% in Aqueous	C	LA	0
Parenteral Solution	Acetylcysteine 200mg/ml Inj, 10ml Vial	A*	Intravenous Infusion	200 milligram
Oral Tablet	Acetylsalicylic Acid 100 mg, Glycine 45 mg Tablet	B	Oral	145 milligram
Oral Disp/Sol Tab	Acetylsalicylic Acid 300 mg Soluble Tablet	C	Oral	300 milligram

Figure 3.1.3-6 Active Ingredient Search Detail Screen

Note

- Search by **Active Ingredient** tab.
- Select and enter:
 - Active Ingredient
 - Dosage Form from dropdown box
 - Admin Route from dropdown box
- Search result will be display after **Search** button is clicked. Double click on the selected drug to continue prescribing.



	Dosage Form	Drug Name	Route	Dosage	Frequency	Duration	Tag
<input type="checkbox"/>	Oral Capsule	Cloxacillin 500mg Capsule	Oral	500 mg	QID (4 times a day)	7 Days	
<input type="checkbox"/>	Oral Tablet	Lorazepam 1 mg Tablet	Oral	1 mg	HS (at bedtime)	7 Days	
<input type="checkbox"/>	Oral Tablet	Paracetamol 500 mg Tablet	Oral	2 tablet	TDS (3 times a day)	7 Days	

Figure 3.1.3-7 Favourite Search Detail Screen

Note

- Search by **Favourite** tab.
- This favourite list is derived from the prescriber's own favourite list
- Search the favourite drug by entering the drug name.
- Search result will be displayed after click on the **Search** button. Click on the selected drug to continue prescribing.
- Select the ☐ checkbox and click **Delete** button to remove drug from the Favourite list.
- Select the check box and click **Add to order** button to add drugs in prescription.
- Further explanation to add drug in favourite list is explained in section 3.1.4.

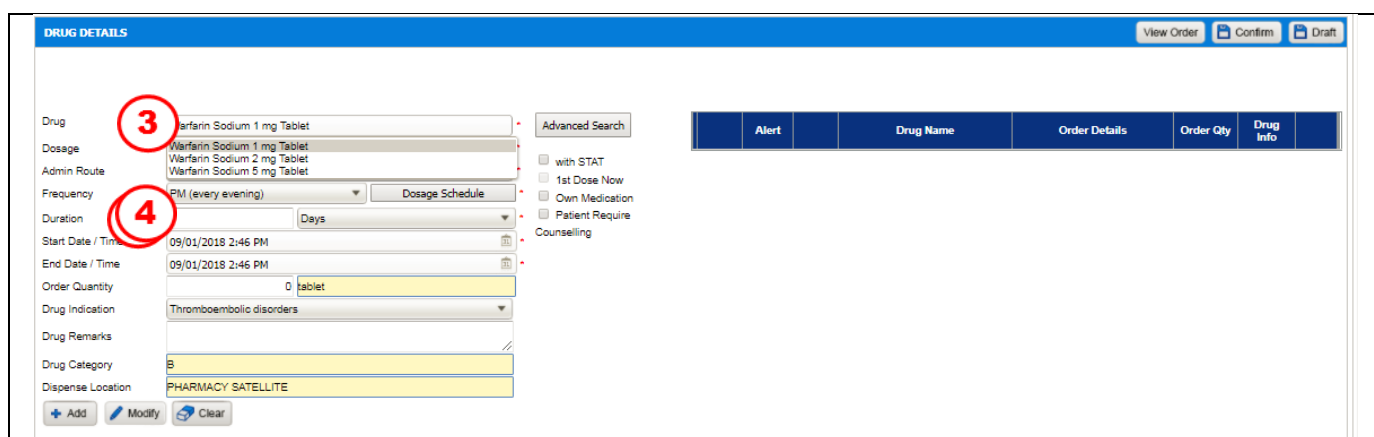


Figure 3.1.3-8 Order Detail Screen

Note

Dosage, Admin Route and Frequency will be retrieved from master setup, however prescriber can amend the value accordingly as required.

STEP 3

Click on the selected drug from displayed list

STEP 4

Enter **Duration** and select days/months or weeks from drop down menu

Note

- **Order Quantity** will be automatically calculated but it is editable.
- **Start Date/Time** will be defaulted to current date.
- **End Date/Time** will be calculated based on the Duration.
- Insert drug with other frequency and select '**with STAT**' checkbox.
- **First Dose Now** is applicable for inpatient drug order only. First Dose Now checkbox to indicate that user wants to serve the drug immediately after create the order. "1st Dose Now" function will be DISABLE if the next serving time is less than 1 hour from the current time. '1st Dose Now' function is not valid for STAT order. If 1st Dose Now is being ticked, STAT checkbox will be disable.
- **Counselling Indication** ☐ checkbox can be selected if prescriber want pharmacist to counsel the patient on the medicines.
- Check the **Own Medication** checkbox if patient brought and used their own medication. Only applicable for inpatient and where pharmacist do not supply medication to the wards.
- Enter **Drug Remark** if applicable.

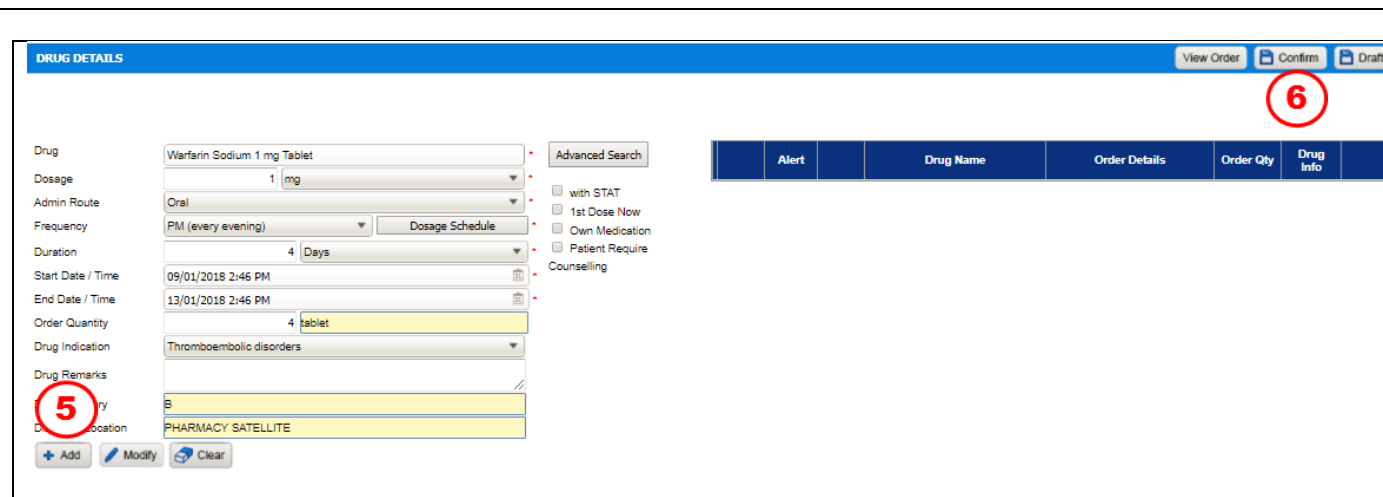


Figure 3.1.3-9 Favourite Search Detail Screen


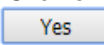

STEP 5

Click on the  button to add in prescription list

Note

To add another drug in prescription repeat **Step 3 to 5**.

STEP 6

Click on the  button to confirm order and prescription will be send to pharmacy for dispensing. Click  as Figure 3.1.3-10 and then click  as Figure 3.1.3-11.

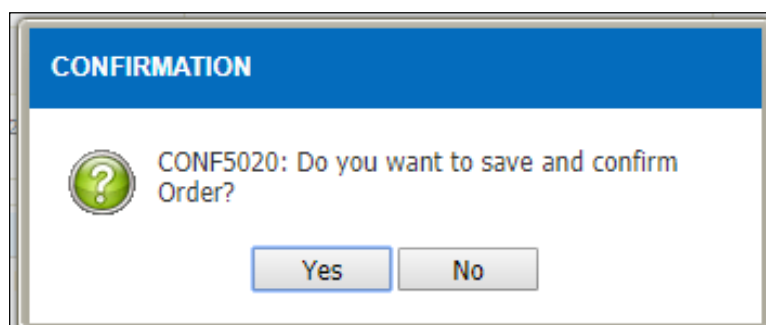


Figure 3.1.3-10 Confirmation Alert Message

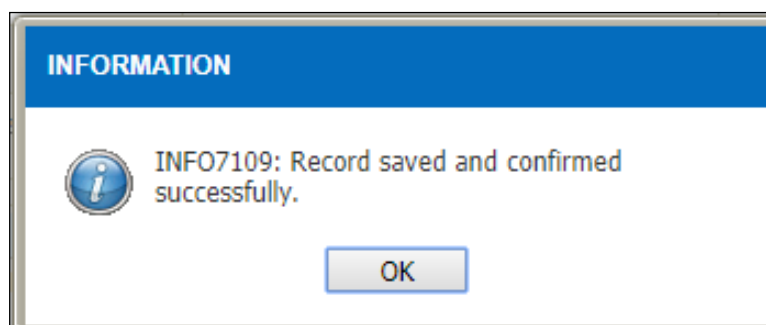

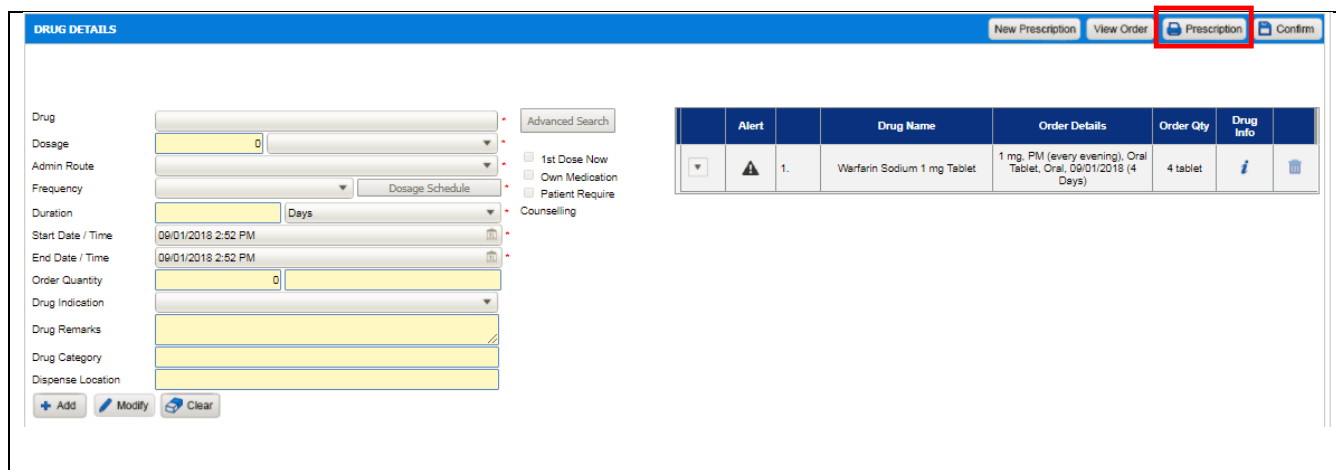


Figure 3.1.3-11 Information Alert Message

Note

- On click of confirm button, system will check if diagnosis already entered or not.
 - If diagnosis is entered, order will be confirmed.
 - If diagnosis is not entered, diagnosis screen will be displayed. Enter the diagnosis and the order will be confirmed.
- Once the order is confirmed, user able to see the  button as per Figure 3.1.3-12 and print the prescription as per Figure 3.1.3-13



The screenshot shows the 'DRUG DETAILS' form. The 'Prescription' button is highlighted in red. The form includes fields for Drug, Dosage, Admin Route, Frequency, Duration, Start Date / Time, End Date / Time, Order Quantity, Drug Indication, Drug Remarks, Drug Category, and Dispense Location. There are also checkboxes for '1st Dose Now', 'Own Medication', 'Patient Require', and 'Counselling'. A table on the right shows the drug details for Warfarin Sodium 1 mg Tablet.

Alert	Drug Name	Order Details	Order Qty	Drug Info
1.	Warfarin Sodium 1 mg Tablet	1 mg, PM (every evening), Oral Tablet, Oral, 09/01/2018 (4 Days)	4 tablet	

Figure 3.1.3-12 Prescription Button Enable

**Ministry of Health, Malaysia
Hospital**

Patient Name : PT TUGOT Patient ID : #20010015040

Age : 68 Years 4 Months 7 Days MRN : HPSF00186555

Gender : Female Prescription # : MOPC0000876360

Height/Weight/BSA : 155 cm / 55 kg / 1.56 m² Order Date/Time : 25/07/2017 11:12 AM

Room No/Bed No : Location : KLINIK PAKAR PERUBATAN

Diagnosis : DIABETES MELLITUS Allergy :



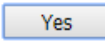
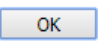
Drug Name	Route	Dose	Frequency	Start Date	End Date	Duration	Prescribed Qty
Warfarin Sodium 2 mg Tablet	Oral	2 mg	PM (every evening)	25/07/2017	23/09/2017	60 Days	60 tablet

Prescribed by : Dr. Selim Ali

Designation : Pegawai Perubatan Pakar

Department : General Medicine

Figure 3.1.3-13 Printed Prescription

- Master Index of Medical Specialities (MIMS) will alert if there is any drug interaction.
- Click on the Drug Info  button to view the drug details.
- Click on the  button to save prescription as a draft and the alert message as below will appear. Click  as Figure 3.1.3-14 and then click  as Figure 3.1.3-15.

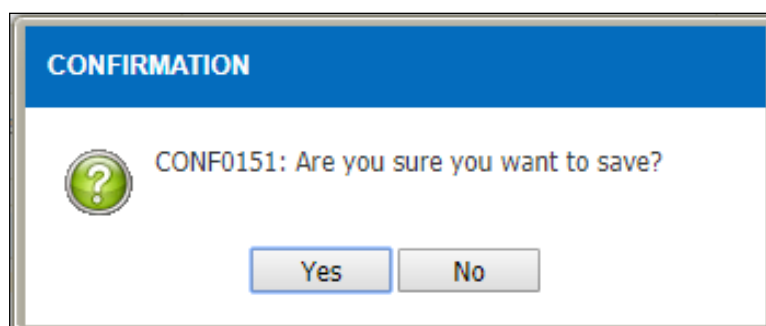


Figure 3.1.3-14 Confirmation Alert Message

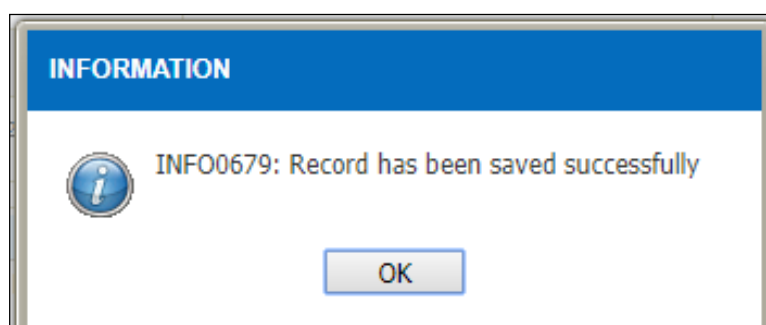
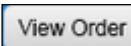


Figure 3.1.3-15 Information Alert Message

- Click on the  button as per Figure 3.1.3-12 to view prescription with more details as per Figure 3.1.3-16.



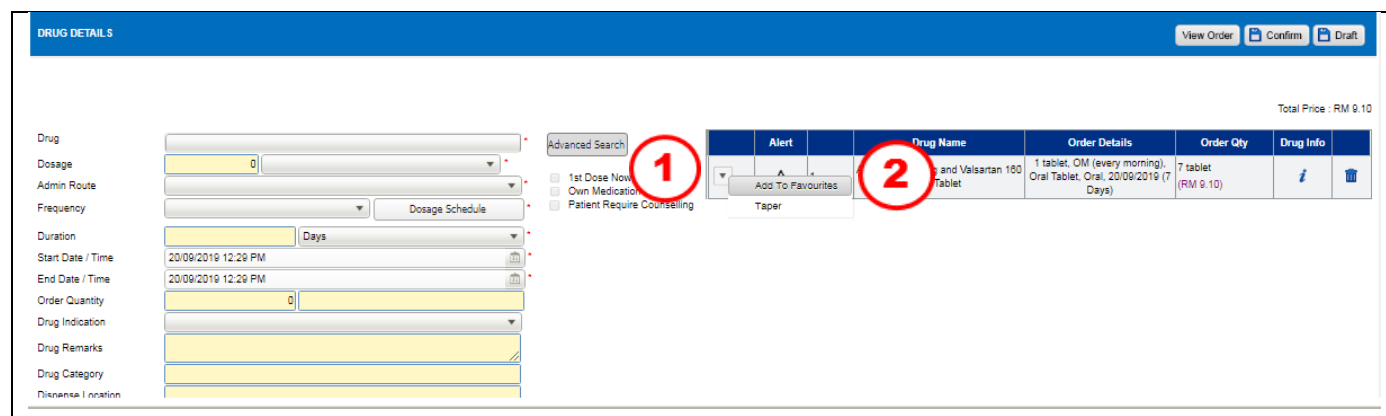
ORDER DETAILS												
Alert	Drug Name	Order Details	Order Qty	Start Date/Time	End Date/Time	Ward Stock	Own Medication	Counselling	Indication	Remarks	Status	Drug Info
	Warfarin Sodium 2 mg Tablet	2 mg, PM (every evening), Oral Tablet, Oral, 25/07/2017 (60 Days)	60 tablet	25/07/2017 11:10:40 AM	23/09/2017 11:10:40 AM	No	No	No	Heart valve replacement		DRAFT	

Figure 3.1.3-16 Order Details

3.1.4 Add to & from Favorite

Prescriber able to create their own favourite medication list for regular used. This is the quicker way to search the drug by favourite list rather than whole drug master.



The screenshot shows the 'DRUG DETAILS' screen with a form on the left and a table on the right. The form includes fields for Drug, Dosage, Admin Route, Frequency, Duration, Start Date / Time, End Date / Time, Order Quantity, Drug Indication, Drug Remarks, Drug Category, and Dispense Location. The table on the right has columns for Alert, Drug Name, Order Details, Order Qty, and Drug Info. A context menu is open over the table, showing options: '1st Dose Now', 'Own Medication', 'Patient Require Counselling', and 'Add To Favourites' (highlighted with a red circle). Another red circle highlights the 'Advanced Search' button in the form.

Figure 3.1.4-1 Add to Favorites Option Screen

Note

Repeat normal order, follow **Step 1** to **5**.

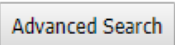
STEP 1

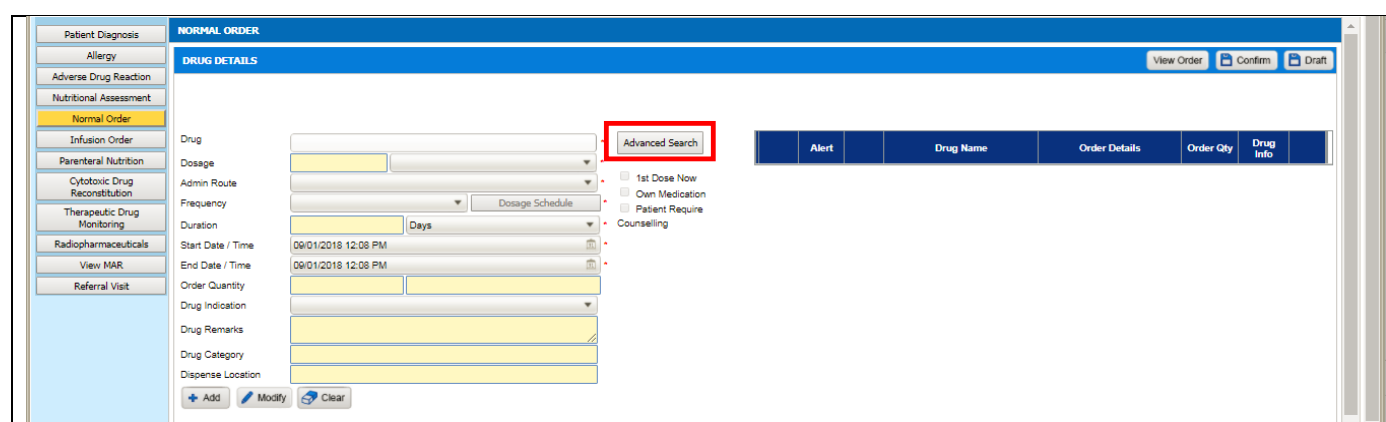
Right click on the  button from the selected drug

STEP 2

Select **Add to Favourites** from context menu

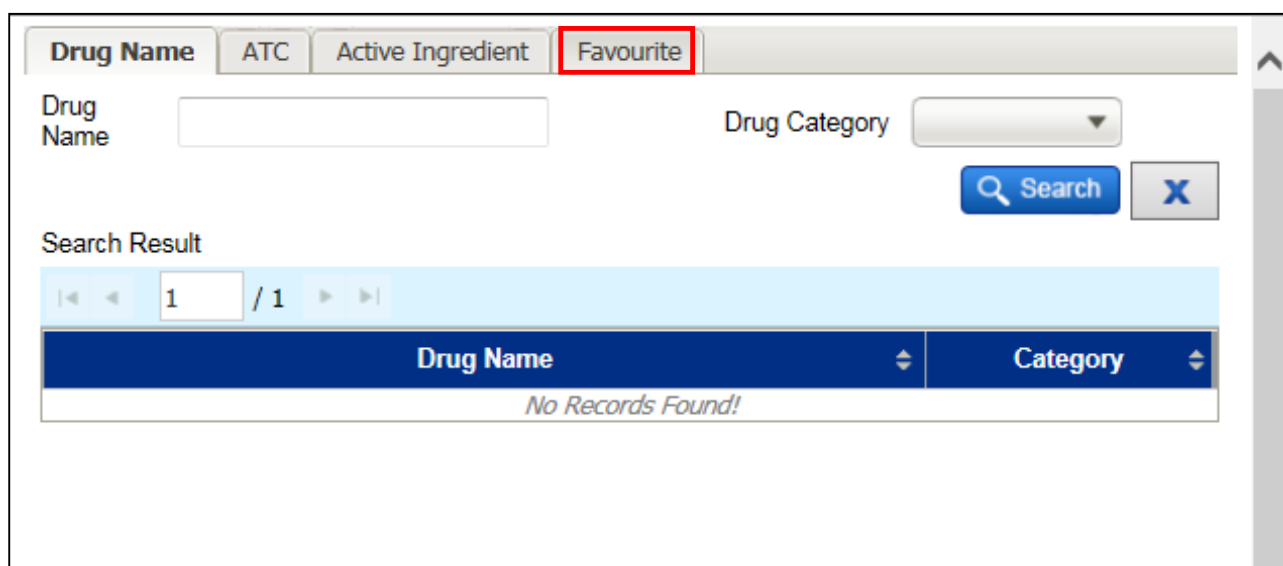
Note

- Users are able to order drugs from favorite list.
- Click on the  button as per Figure 3.1.4-2



The screenshot shows the 'NORMAL ORDER' screen with a sidebar on the left and a form on the right. The sidebar includes buttons for Patient Diagnosis, Allergy, Adverse Drug Reaction, Nutritional Assessment, Normal Order (highlighted), Infusion Order, Parenteral Nutrition, Cytotoxic Drug Reconstitution, Therapeutic Drug Monitoring, Radiopharmaceuticals, View MAR, and Referral Visit. The form on the right is titled 'DRUG DETAILS' and includes fields for Drug, Dosage, Admin Route, Frequency, Duration, Start Date / Time, End Date / Time, Order Quantity, Drug Indication, Drug Remarks, Drug Category, and Dispense Location. The 'Advanced Search' button is highlighted with a red box.

Figure 3.1.4-2 Add from Favorites Option Screen



Drug Name | ATC | Active Ingredient | **Favourite**

Drug Name: Drug Category:

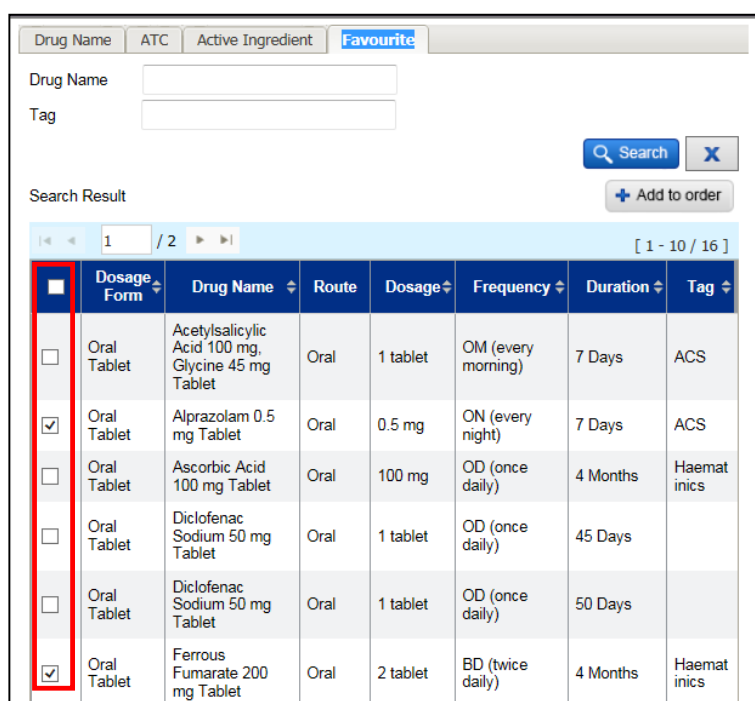
Search Result

1 / 1

Drug Name	Category
No Records Found!	

Figure 3.1.4-3 Favorites Option

- Select the **Favourite** tab as per Figure 3.1.4-3



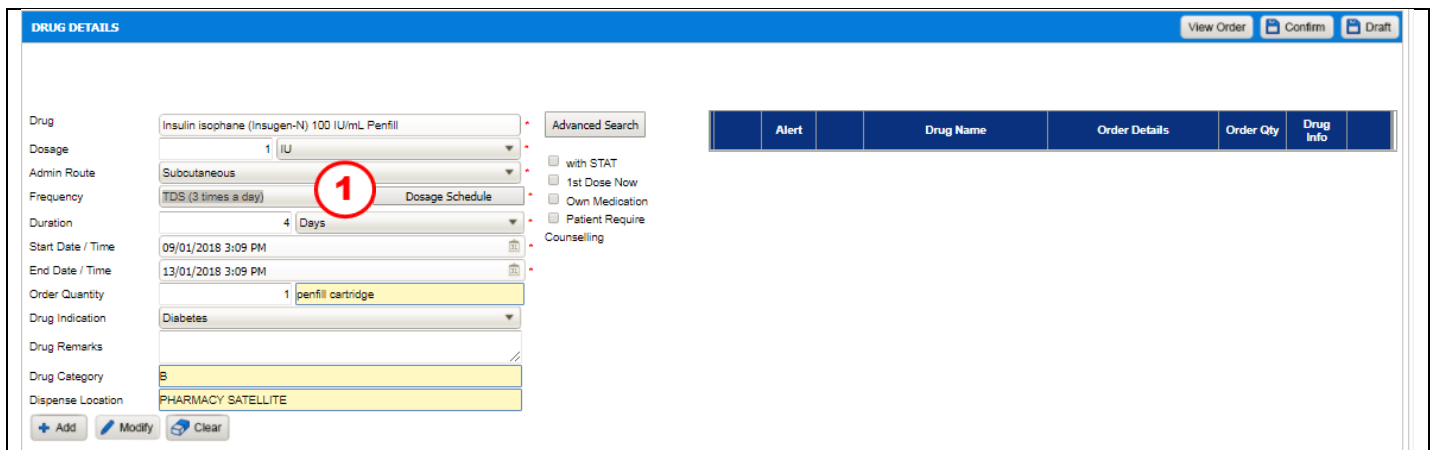
	Dosage Form	Drug Name	Route	Dosage	Frequency	Duration	Tag
<input type="checkbox"/>	Oral Tablet	Acetylsalicylic Acid 100 mg, Glycine 45 mg Tablet	Oral	1 tablet	OM (every morning)	7 Days	ACS
<input checked="" type="checkbox"/>	Oral Tablet	Alprazolam 0.5 mg Tablet	Oral	0.5 mg	ON (every night)	7 Days	ACS
<input type="checkbox"/>	Oral Tablet	Ascorbic Acid 100 mg Tablet	Oral	100 mg	OD (once daily)	4 Months	Haemat inics
<input type="checkbox"/>	Oral Tablet	Diclofenac Sodium 50 mg Tablet	Oral	1 tablet	OD (once daily)	45 Days	
<input type="checkbox"/>	Oral Tablet	Diclofenac Sodium 50 mg Tablet	Oral	1 tablet	OD (once daily)	50 Days	
<input checked="" type="checkbox"/>	Oral Tablet	Ferrous Fumarate 200 mg Tablet	Oral	2 tablet	BD (twice daily)	4 Months	Haemat inics

Figure 3.1.4-4 Favorite Drug List

- Tick the checkbox ☐ to select the drug as per Figure 3.1.4-4
- Once all required drugs are selected, click button.
- User can select all the drugs from all the **Favourite** pages before clicking button.

3.1.5 Split Dose

This function is used to create multi dosing in a way to administer in a different time with different dosage.



The screenshot shows the 'DRUG DETAILS' screen. The 'Frequency' dropdown is set to 'TDS (3 times a day)' and is circled with a red '1'. To the right of this dropdown is a 'Dosage Schedule' button. Below the frequency dropdown, there are fields for 'Duration' (4 Days), 'Start Date / Time' (09/01/2018 3:09 PM), 'End Date / Time' (13/01/2018 3:09 PM), 'Order Quantity' (1 penfill cartridge), 'Drug Indication' (Diabetes), 'Drug Remarks', 'Drug Category' (B), and 'Dispense Location' (PHARMACY SATELLITE). On the right side, there are checkboxes for 'with STAT', '1st Dose Now', 'Own Medication', 'Patient Require', and 'Counselling'. At the top right, there are buttons for 'View Order', 'Confirm', and 'Draft'. Below the drug details, there are buttons for '+ Add', 'Modify', and 'Clear'.

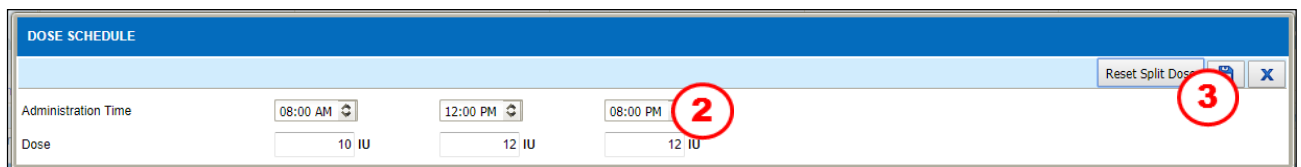
Figure 3.1.5-1 Normal Order Screen

Note

To prescribe split dose, repeat as normal order from **Step 1** to **3**.

STEP 1

Click on the **Dosage Schedule** button and dose schedule screen will display as per Figure 3.1.5-2



The screenshot shows the 'DOSE SCHEDULE' screen. It has a header bar with a 'Reset Split Dose' button and a close button (X). Below the header, there are three columns for 'Administration Time' and 'Dose'. The first column shows '08:00 AM' and '10 IU'. The second column shows '12:00 PM' and '12 IU'. The third column shows '08:00 PM' and '12 IU'. The '08:00 PM' time is circled with a red '2', and the '12 IU' dose is circled with a red '3'.

Figure 3.1.5-2 Split Dose Schedule Screen

STEP 2

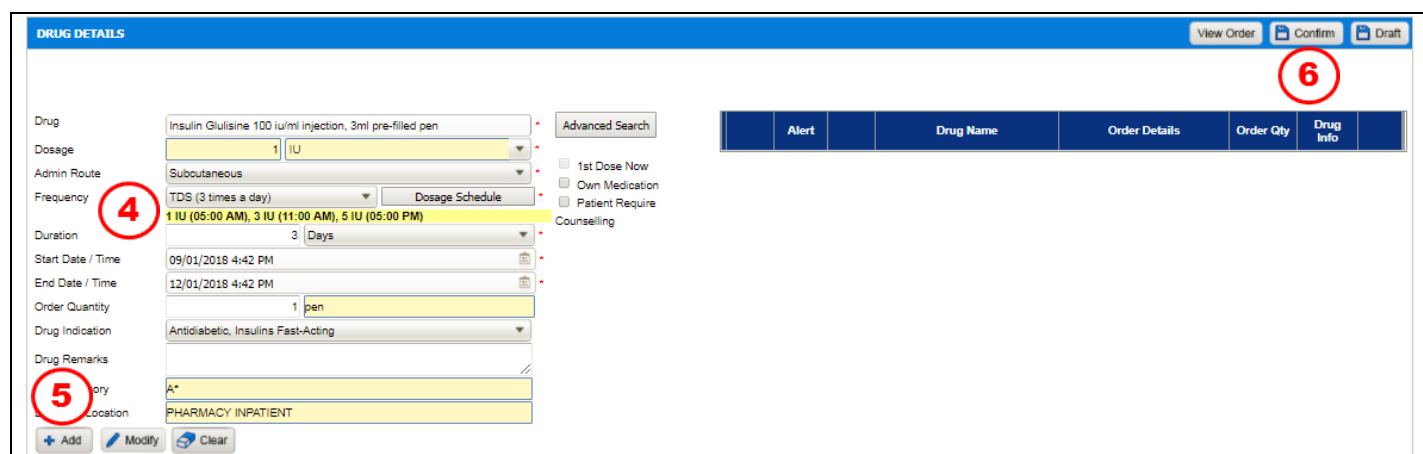
Change the dose for each **Administration Time**

Note

Prescriber is allowed to change the admin time if necessary. Number of column displayed based on frequency selected.

STEP 3

Click on the  button to save record




The screenshot displays the 'DRUG DETAILS' form in the PhIS system. The form includes fields for Drug, Dosage, Admin Route, Frequency, Duration, Start Date / Time, End Date / Time, Order Quantity, Drug Indication, Drug Remarks, Priority, and Location. The 'Duration' field is highlighted with a red circle and the number 4. The 'Priority' field is highlighted with a red circle and the number 5. The 'Location' field is highlighted with a red circle and the number 6. The 'Order Summary' table at the top right shows columns for Alert, Drug Name, Order Details, Order Qty, and Drug Info. The 'Confirm' button is highlighted with a red circle and the number 6.

Figure 3.1.5-3 Normal Order Screen

STEP 4

Enter **Duration** and select days/months or weeks from drop down menu

STEP 5

Click on the  button to add drug in prescription list

Note

Split dose is only applicable for selected drug as defined in the Drug Master setup

STEP 6

Click on the  button to confirm order

3.1.6 Tapering

Tapering is a function to prescribe same drug with gradually decreasing or increasing the drug dosage by specific duration and time. Tapering drug functions divided into two (2) categories which are taper up refer as increase dosage or taper down refer as decrease dosage. Only selected drug which has been defined in drug master set up are allowed to do tapering.

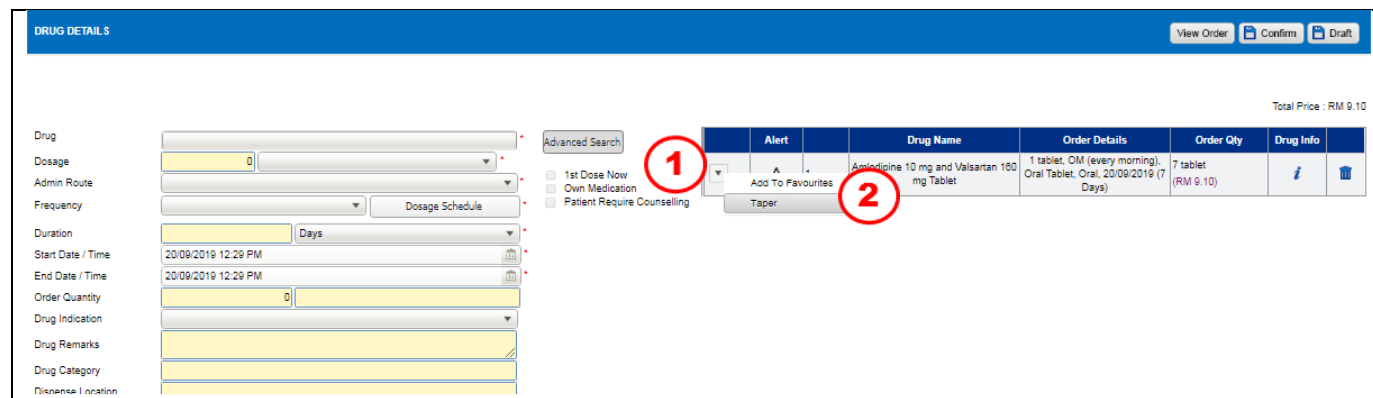


Figure 3.1.6-1 Taper Up Option Screen

Note

To taper prescribed drug, order the first dose as normal order from **Step 1** to **5**.

STEP 1

Right click on the ▼ button from the selected drug

STEP 2

Select **Taper** and the **tapper up / down** screen will be display as per Figure 3.1.6-2

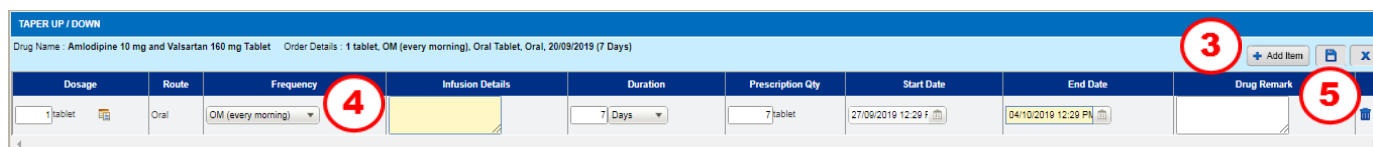


Figure 3.1.6-2 Drug Details Screen

STEP 3

Click **Add Item**  button

STEP 4

Enter **Dosage** and **Duration of drugs** as required.

Note

For Taper up, dosage cannot be same than previous dosage. Same as for Taper down, the dosage cannot be same dosage as well.

STEP 5

Click on the  button to save record

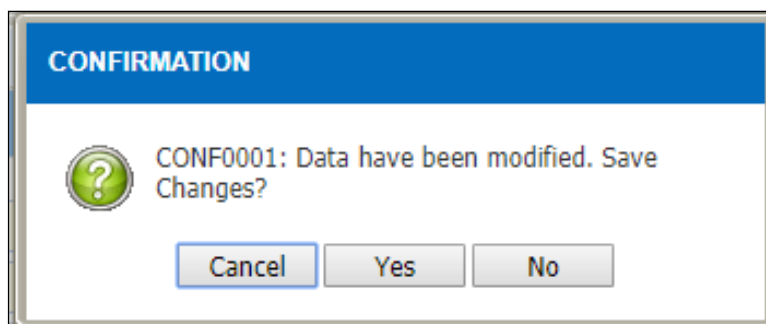


Figure 3.1.6-3 Confirmation Alert Message

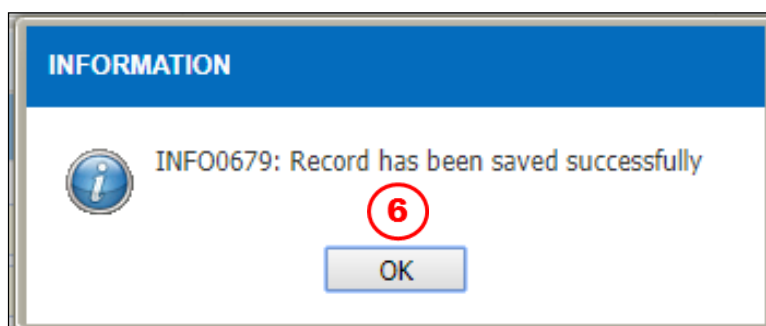
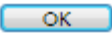
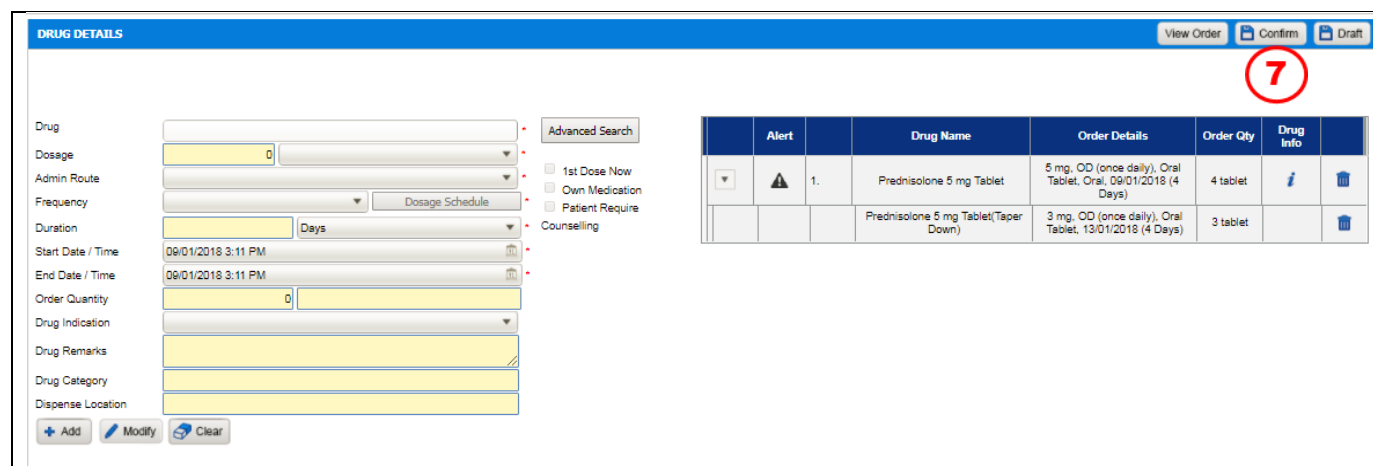


Figure 3.1.6-4 Information Alert Message

STEP 6

Click on the  button to proceed tapering





Alert	Drug Name	Order Details	Order Qty	Drug Info
1.	Prednisolone 5 mg Tablet	5 mg, OD (once daily), Oral Tablet, Oral, 09/01/2018 (4 Days)	4 tablet	
	Prednisolone 5 mg Tablet(Taper Down)	3 mg, OD (once daily), Oral Tablet, 13/01/2018 (4 Days)	3 tablet	

Figure 3.1.6-5 Normal Order Screen

STEP 7

Click on the  button to confirm order

Note

- Repeat **Step 1 to 5** if another level of taper is required.
- To modify prescription, delete the latest tapering from the list.

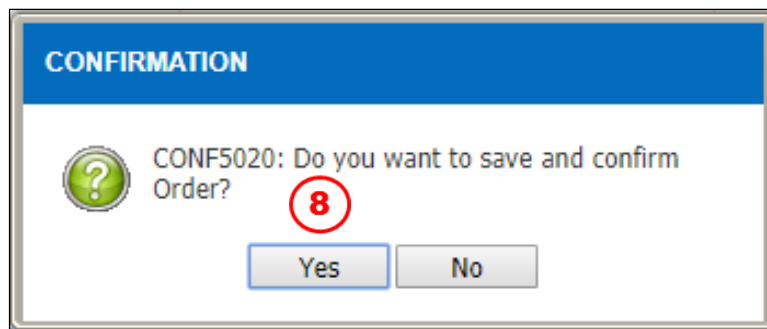


Figure 3.1.6-6 Confirmation Alert Message

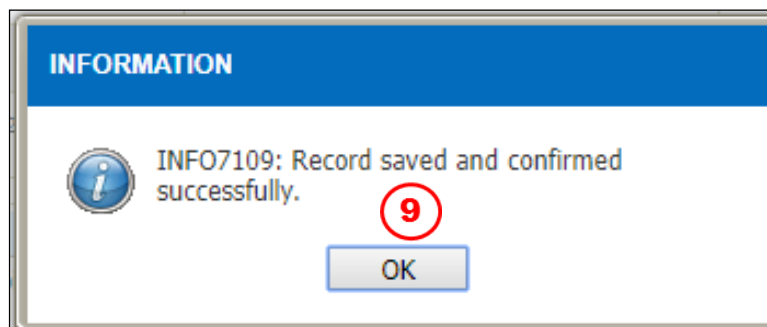
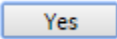


Figure 3.1.6-7 Information Alert Message

STEP 8

Click on the  button to confirm

STEP 9

Click on the  button

3.1.7 Discharge Medication

This function is only for inpatient discharge medication. The discharge medication can be prescribed before the patient being discharge.

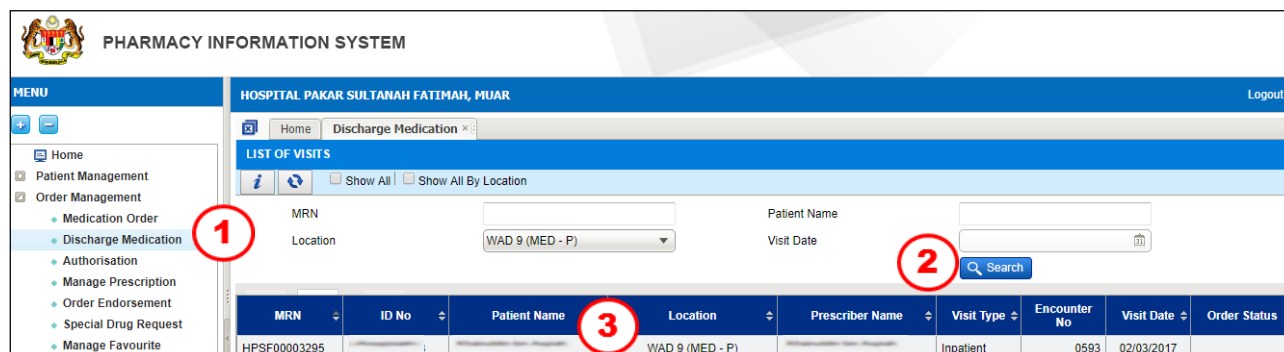


Figure 3.1.7-1 Discharge Medication Listing Page

STEP 1

Click on the 'Order Management' menu and followed by 'Discharge Medication' sub-menu

Note

- By default, list of patient will be displayed according to prescriber location access
- Various search criteria is provided as below:

No	Field	Description	Remark
a	MRN	Patient Medical Record Number	Search option: <ul style="list-style-type: none"> • Type the MRN either full or partial: Example: HPSF00001234 or "1234"
b	Patient Name	Patient Name	Allow to search by patient full name or partial
c	Location	Patient visit location	Able to filter and search patient by visit location
d	Visit Date	Visit Date	Patient visits on the facility

Table 3.1.7-1

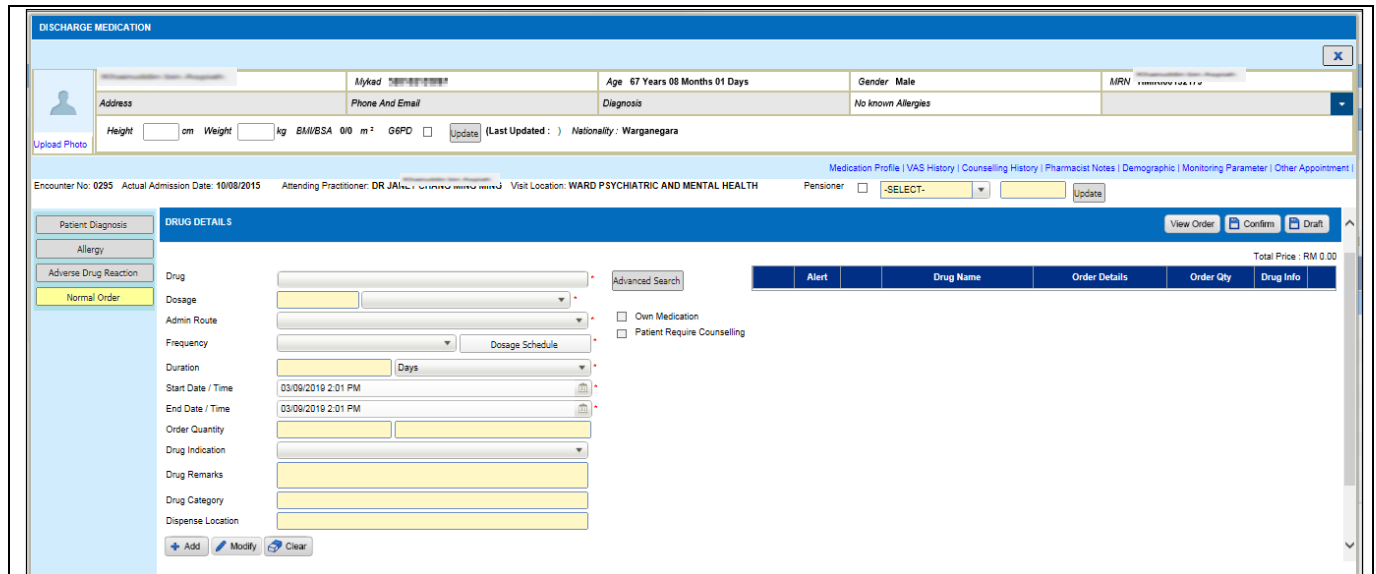
- Search result of patient record list will be displayed:
 - MRN
 - ID No
 - Patient Name
 - Location
 - Prescriber Name
 - Visit Type
 - Encounter No
 - Visit Date
 - Order Status

STEP 2

Click on the  button to search patient

STEP 3

Double click on the selected patient record



DISCHARGE MEDICATION

Encounter No: 0295 Actual Admission Date: 10/08/2015 Attending Practitioner: DR JALILUDDIN MUHAMMAD Visit Location: WARD PSYCHIATRIC AND MENTAL HEALTH Pensioner: ☐ -SELECT- Update

DRUG DETAILS

Drug: Dosage: Admin Route: Frequency: Duration: Days

Start Date / Time: 03/09/2019 2:01 PM End Date / Time: 03/09/2019 2:01 PM


Order Quantity: Drug Indication: Drug Remarks: Drug Category: Dispense Location:

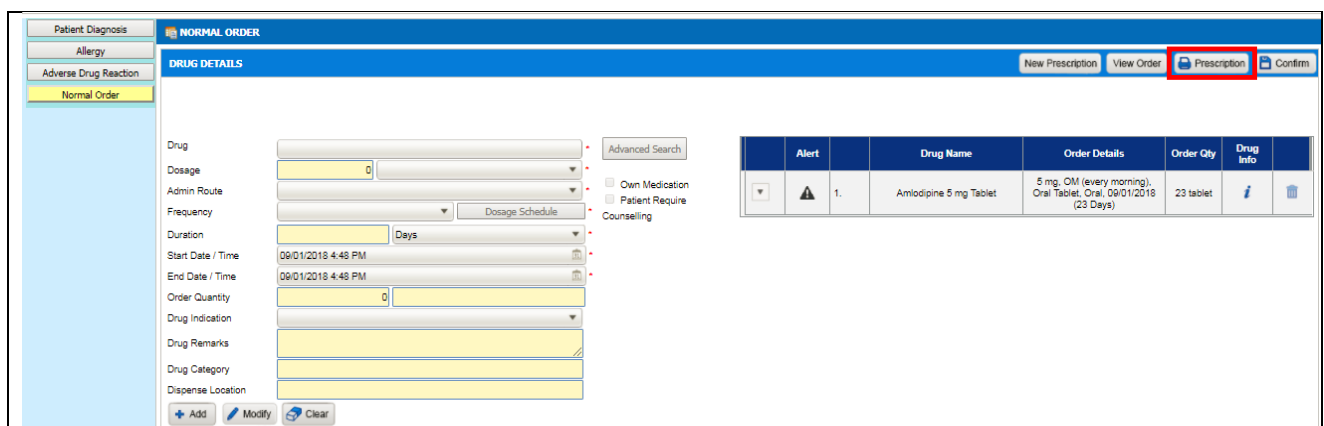
Alert	Drug Name	Order Details	Order Qty	Drug Info

Total Price: RM 0.00

Figure 3.1.7-2 Discharge Medication Screen

Note

- Follow the step as normal order in Section 3.1.3 as Normal Order.
- Discharge medication only applicable for Inpatient, Day care and Emergency patient.
- Once the order is confirmed, user able to see the  button as per Figure 3.1.7-3 and print the prescription if required.



NORMAL ORDER

DRUG DETAILS

Drug: Dosage: Admin Route: Frequency: Duration: Days

Start Date / Time: 09/01/2019 4:48 PM End Date / Time: 09/01/2019 4:48 PM

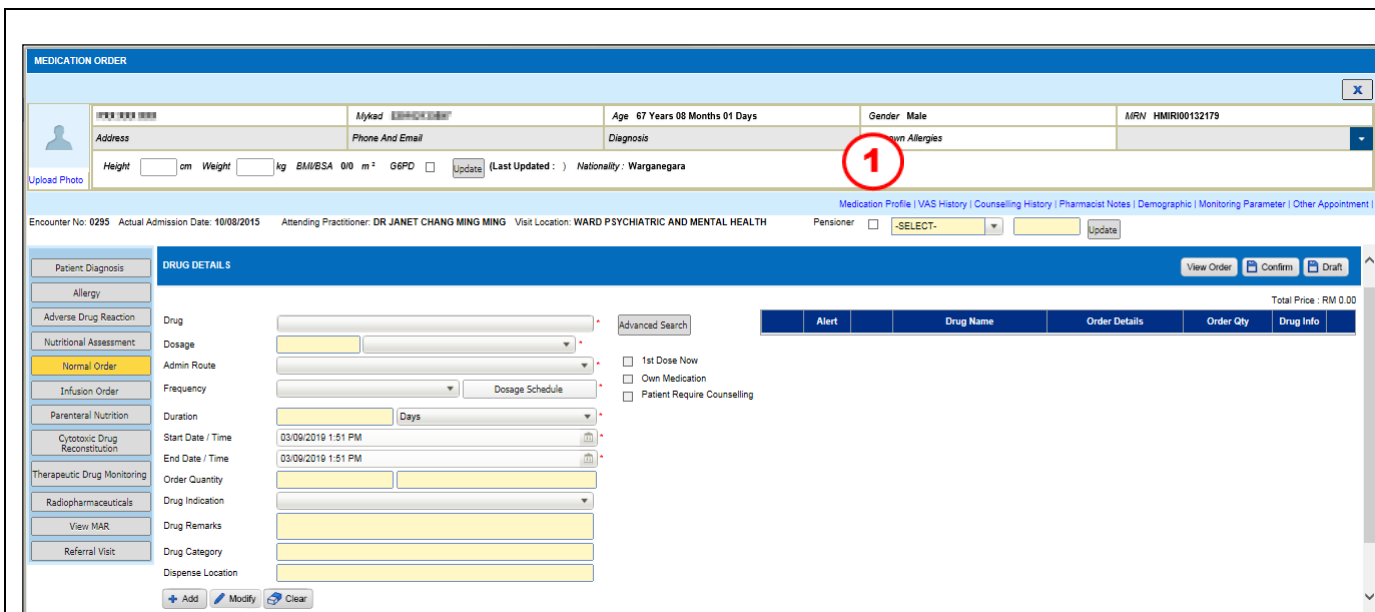
Order Quantity: Drug Indication: Drug Remarks: Drug Category: Dispense Location:

Alert	Drug Name	Order Details	Order Qty	Drug Info
1.	Amlodipine 5 mg Tablet	5 mg, OM (every morning), Oral Tablet, Oral, 09/01/2019 (23 Days)	23 tablet	

Figure 3.1.7-3 Prescription Button Enable

3.1.8 Renew Rx

This function is use by prescriber to renew the drugs from patient's profile.




The Medication Order screen displays patient information at the top, including MyKad, Age (67 Years 08 Months 01 Days), Gender (Male), and Address. A red circle with the number '1' highlights the 'Allergies' field. Below this, the 'DRUG DETAILS' section includes fields for Drug, Dosage, Admin Route, Frequency, Duration, Start Date / Time, End Date / Time, Order Quantity, Drug Indication, Drug Remarks, Drug Category, and Dispense Location. A sidebar on the left contains links for Patient Diagnosis, Allergy, Adverse Drug Reaction, Nutritional Assessment, Normal Order, Infusion Order, Parenteral Nutrition, Cytotoxic Drug Reconstitution, Therapeutic Drug Monitoring, Radiopharmaceuticals, View MAR, and Referral Visit. At the bottom, there are buttons for Add, Modify, and Clear.

Figure 3.1-8-1 Medication Order Screen

STEP 1

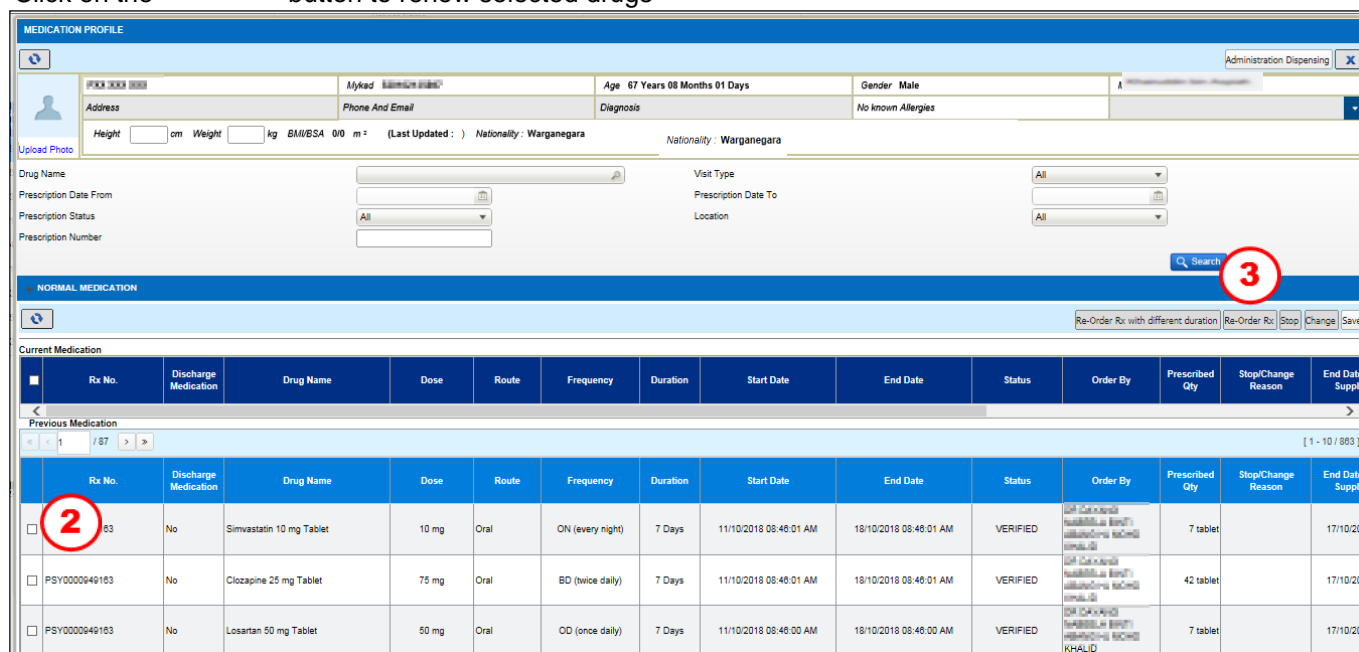
Click on **Medication Profile** hyperlink

STEP 2

Click on the  to select drugs that want to renew

STEP 3

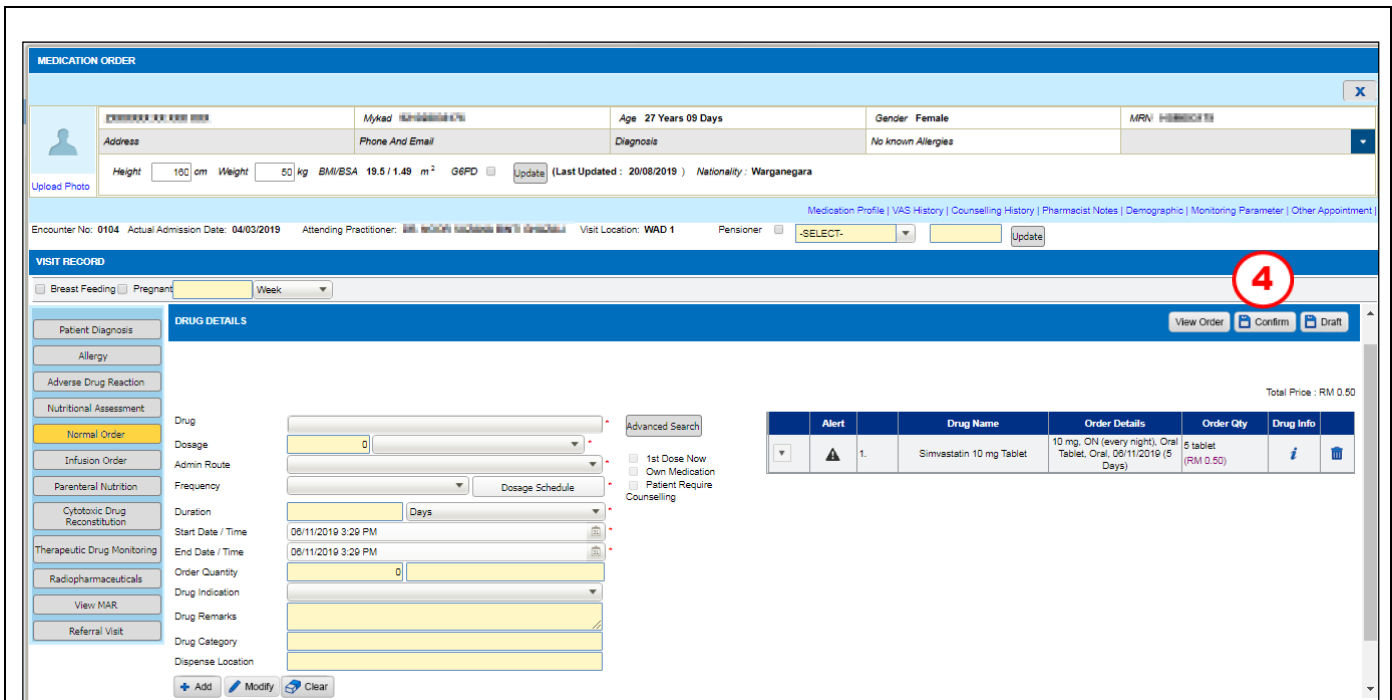
Click on the  button to renew selected drugs



The Medication Profile screen shows patient details and a list of current medications. A red circle with the number '3' highlights the 'Re-Order Rx' button. Below the button, there is a table of current medications with columns: Rx No., Discharge Medication, Drug Name, Dose, Route, Frequency, Duration, Start Date, End Date, Status, Order By, Prescribed Qty, Stop/Change Reason, and End Date Supply. The table lists three medications: Simvastatin 10 mg Tablet, Clozapine 25 mg Tablet, and Losartan 50 mg Tablet. A red circle with the number '2' highlights the first row of the table.

Rx No.	Discharge Medication	Drug Name	Dose	Route	Frequency	Duration	Start Date	End Date	Status	Order By	Prescribed Qty	Stop/Change Reason	End Date Supply
83	No	Simvastatin 10 mg Tablet	10 mg	Oral	ON (every night)	7 Days	11/10/2018 08:48:01 AM	18/10/2018 08:48:01 AM	VERIFIED	DR. KHALID	7 tablet		17/10/201
PSY000049183	No	Clozapine 25 mg Tablet	75 mg	Oral	BD (twice daily)	7 Days	11/10/2018 08:48:01 AM	18/10/2018 08:48:01 AM	VERIFIED	DR. KHALID	42 tablet		17/10/201
PSY000049183	No	Losartan 50 mg Tablet	50 mg	Oral	OD (once daily)	7 Days	11/10/2018 08:48:00 AM	18/10/2018 08:48:00 AM	VERIFIED	DR. KHALID	7 tablet		17/10/201

Figure 3.1-8-2 Medication Profile – Renew order Rx Screen



MEDICATION ORDER

Address: [Redacted] Mykad: [Redacted] Age: 27 Years 09 Days Gender: Female MRN: [Redacted]

Height: 150 cm Weight: 50 kg BMI/BSA: 19.5 / 1.49 m² G6PD: [Redacted] (Last Updated: 20/08/2019) Nationality: Warganegara

Encounter No: 0104 Actual Admission Date: 04/03/2019 Attending Practitioner: [Redacted] Visit Location: WAD 1 Pensioner: [Redacted]

VISIT RECORD

Breast Feeding: [Redacted] Pregnant: [Redacted] Week: [Redacted]

DRUG DETAILS

Drug: [Redacted] Dosage: [Redacted] Admin Route: [Redacted] Frequency: [Redacted] Duration: [Redacted] Days: [Redacted]

Start Date / Time: 08/11/2019 3:29 PM End Date / Time: 08/11/2019 3:29 PM

Order Quantity: [Redacted] Drug Indication: [Redacted] Drug Remarks: [Redacted] Drug Category: [Redacted] Dispense Location: [Redacted]

Advanced Search: [Redacted]

1st Dose Now [Redacted] Own Medication [Redacted] Patient Require Counselling [Redacted]

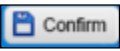
Total Price: RM 0.50

Alert	Drug Name	Order Details	Order Qty	Drug Info
1.	Simvastatin 10 mg Tablet	10 mg, ON (every night), Oral Tablet, Oral, 08/11/2019 (5 Days)	5 tablet (RM 0.50)	[Redacted]

Buttons: Add, Modify, Clear, View Order, Confirm, Draft

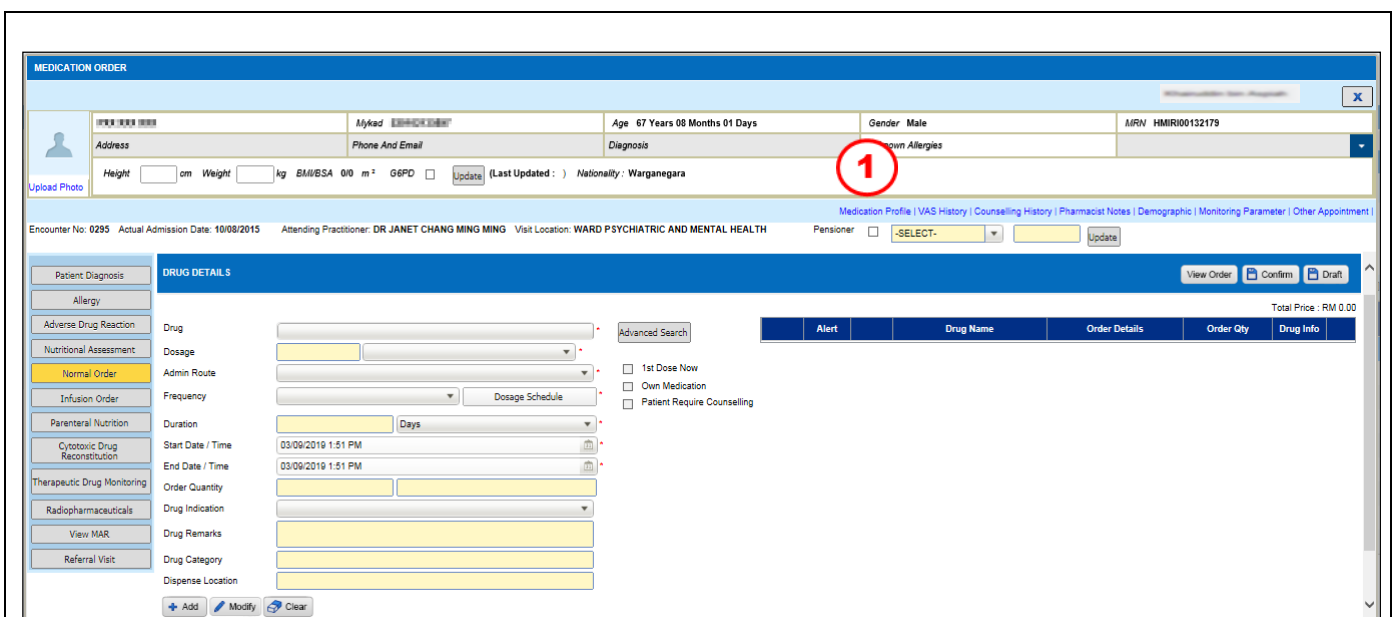
Figure 3.1-8-3 Normal Order Screen

STEP 4

Click on  button to confirm the prescription

3.1.9 Re Order RX With Different Duration

This function is use by prescriber to renew the drugs from patient's profile with new duration.



MEDICATION ORDER

Address: [Redacted] Mykad: [Redacted] Age: 67 Years 08 Months 01 Days Gender: Male MRN: HMIR00132179

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

Encounter No: 0295 Actual Admission Date: 10/08/2015 Attending Practitioner: DR JANET CHANG MING MING Visit Location: WARD PSYCHIATRIC AND MENTAL HEALTH Pensioner: [Redacted]

DRUG DETAILS

Drug: [Redacted] Dosage: [Redacted] Admin Route: [Redacted] Frequency: [Redacted] Duration: [Redacted] Days: [Redacted]

Start Date / Time: 03/09/2019 1:51 PM End Date / Time: 03/09/2019 1:51 PM

Order Quantity: [Redacted] Drug Indication: [Redacted] Drug Remarks: [Redacted] Drug Category: [Redacted] Dispense Location: [Redacted]

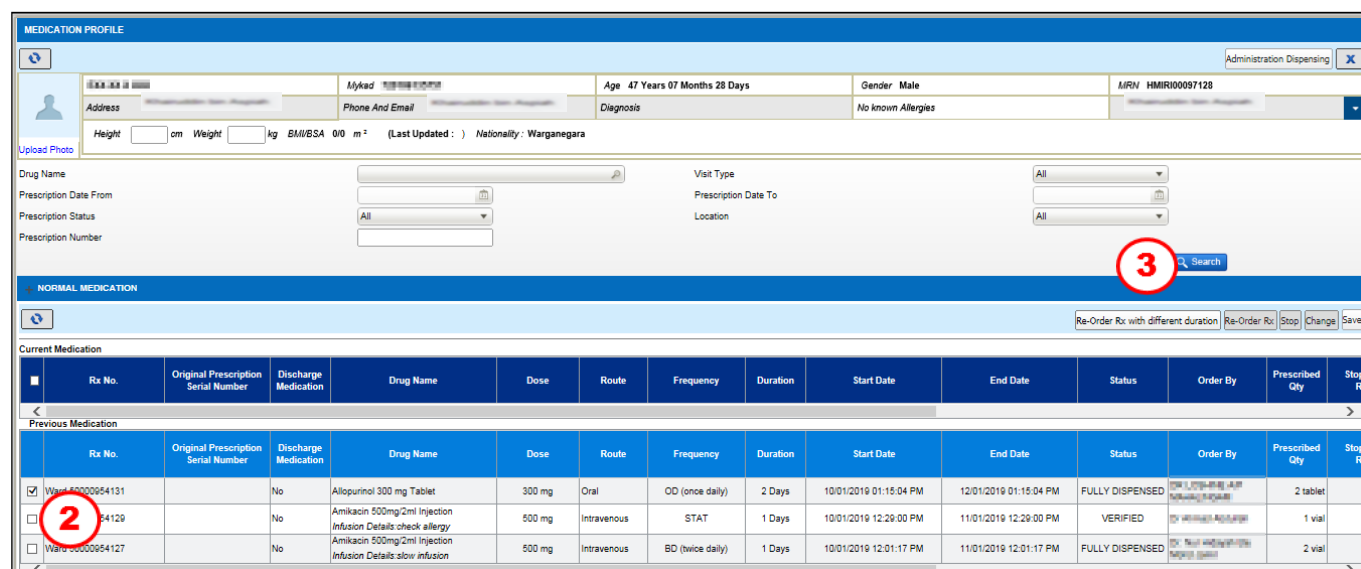
Advanced Search: [Redacted]

1st Dose Now [Redacted] Own Medication [Redacted] Patient Require Counselling [Redacted]

Total Price: RM 0.00

Buttons: Add, Modify, Clear, View Order, Confirm, Draft

Figure 3.1.9-1 Medication Order Screen



The screenshot shows the 'MEDICATION PROFILE' screen. At the top, there's a header with 'MEDICATION PROFILE' and an 'Administration Dispensing' button. Below this is a patient information section with fields for Name (Mykad), Age (47 Years 07 Months 28 Days), Gender (Male), and I/RN (HMIR00097128). There are also fields for Address, Phone And Email, Diagnosis, and No known Allergies. A 'Height' field is set to 170 cm, 'Weight' to 70 kg, and 'BMI/BSA' to 24.0 m². A 'Nationality' dropdown is set to 'Warganegara'. Below this is a 'Drug Name' field and a 'Visit Type' dropdown set to 'All'. There are also fields for 'Prescription Date From', 'Prescription Status', 'Prescription Number', 'Prescription Date To', and 'Location'. A red circle with the number '3' highlights a 'Search' button. Below the search bar is a 'NORMAL MEDICATION' section with a 'Re-Order Rx with different duration' button. Below this is a table with columns: Rx No., Original Prescription Serial Number, Discharge Medication, Drug Name, Dose, Route, Frequency, Duration, Start Date, End Date, Status, Order By, Prescribed Qty, and Stop Date. The table has two sections: 'Current Medication' and 'Previous Medication'. In the 'Previous Medication' section, the first row is highlighted with a red circle and the number '2'. The first row in 'Previous Medication' is: Rx No. W00000954131, Original Prescription Serial Number, Discharge Medication No, Drug Name Allopurinol 300 mg Tablet, Dose 300 mg, Route Oral, Frequency OD (once daily), Duration 2 Days, Start Date 10/01/2019 01:15:04 PM, End Date 12/01/2019 01:15:04 PM, Status FULLY DISPENSED, Order By, Prescribed Qty 2 tablet, Stop Date. The second row is: Rx No. W4129, Original Prescription Serial Number, Discharge Medication No, Drug Name Amikacin 500mg/2ml Injection Infusion Details check allergy, Dose 500 mg, Route Intravenous, Frequency STAT, Duration 1 Days, Start Date 10/01/2019 12:29:00 PM, End Date 11/01/2019 12:29:00 PM, Status VERIFIED, Order By, Prescribed Qty 1 vial, Stop Date. The third row is: Rx No. W00000954127, Original Prescription Serial Number, Discharge Medication No, Drug Name Amikacin 500mg/2ml Injection Infusion Details slow infusion, Dose 500 mg, Route Intravenous, Frequency BD (twice daily), Duration 1 Days, Start Date 10/01/2019 12:01:17 PM, End Date 11/01/2019 12:01:17 PM, Status FULLY DISPENSED, Order By, Prescribed Qty 2 vial, Stop Date.

Figure 3.1.9-2 Medication Profile Screen

STEP 1

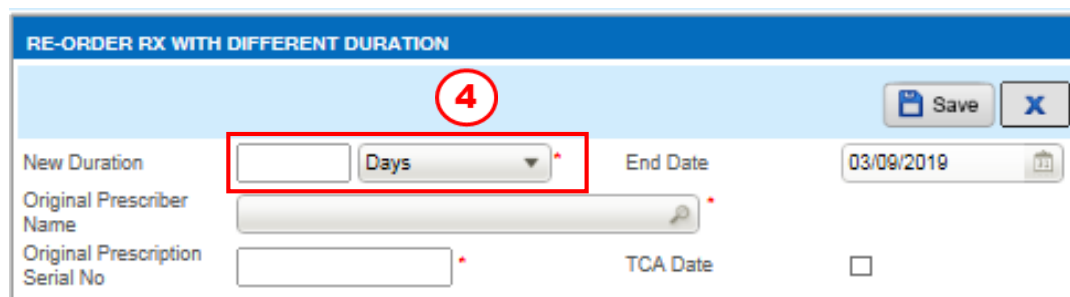
Click on **Medication Profile** hyperlink

STEP 2

Click on the ☒ to select drugs that want to renew

STEP 3

Click on the **Renew Rx with different duration** to renew selected drugs



The screenshot shows the 'RE-ORDER RX WITH DIFFERENT DURATION' screen. It has a header with the title and a 'Save' button. Below the header is a form with fields: 'New Duration' (a text box with a red circle and the number '4' next to it), 'Days' (a dropdown menu), 'End Date' (a date field set to 03/09/2019), 'Original Prescriber Name' (a text box), 'Original Prescription Serial No' (a text box), and 'TCA Date' (a checkbox). There are also 'Save' and 'X' buttons at the top right.

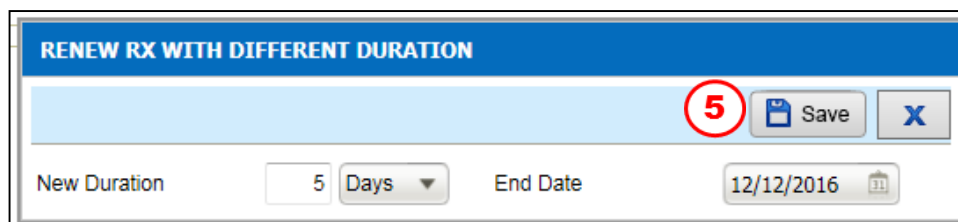
Figure 3.1.9-3 Renew RX With Different Duration Screen

STEP 4

Select either **New Duration**, **End Date**, **Original Prescriber Name**, **Original Prescription Serial No** and **TCA Date** checkbox.

STEP 5

Click the **Save** button

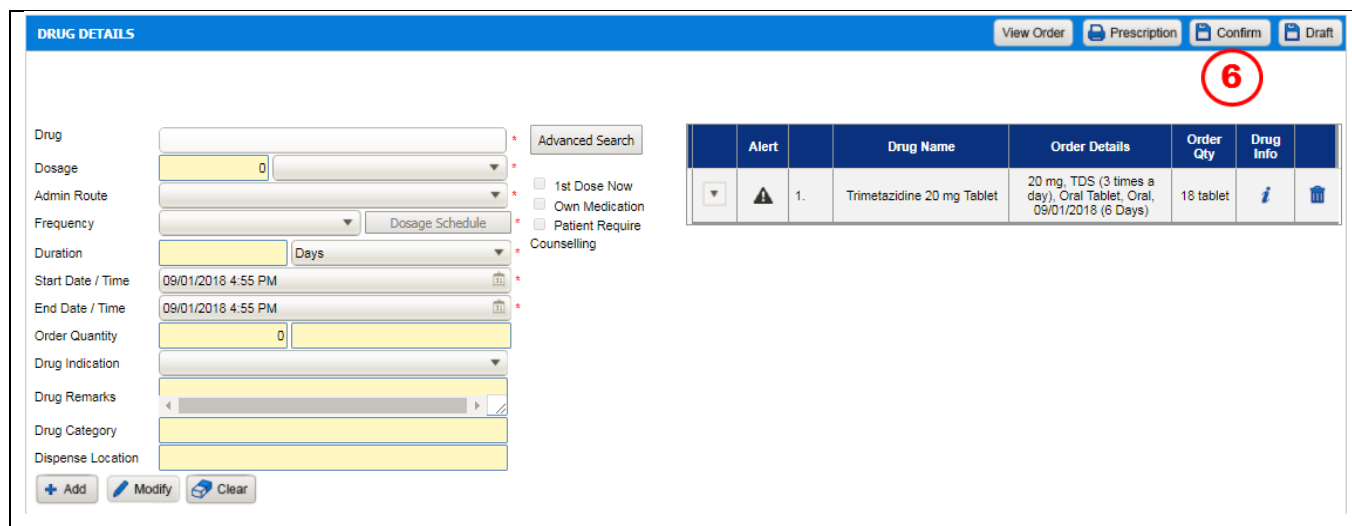


RENEW RX WITH DIFFERENT DURATION

5 Save X

New Duration 5 Days End Date 12/12/2016

Figure 3.1.9-4 Medication Order Screen



DRUG DETAILS View Order Prescription Confirm Draft

6

Alert	Drug Name	Order Details	Order Qty	Drug Info
1.	Trimetazidine 20 mg Tablet	20 mg, TDS (3 times a day), Oral Tablet, Oral, 09/01/2018 (6 Days)	18 tablet	i

Drug: [Text Box] * Advanced Search

Dosage: [Text Box] *

Admin Route: [Text Box] *

Frequency: [Text Box] Dosage Schedule

Duration: [Text Box] Days *

Start Date / Time: 09/01/2018 4:55 PM *

End Date / Time: 09/01/2018 4:55 PM *

Order Quantity: [Text Box] *

Drug Indication: [Text Box]

Drug Remarks: [Text Box]

Drug Category: [Text Box]


Dispense Location: [Text Box]

+ Add Modify Clear

☐ 1st Dose Now
☐ Own Medication
☐ Patient Require Counselling

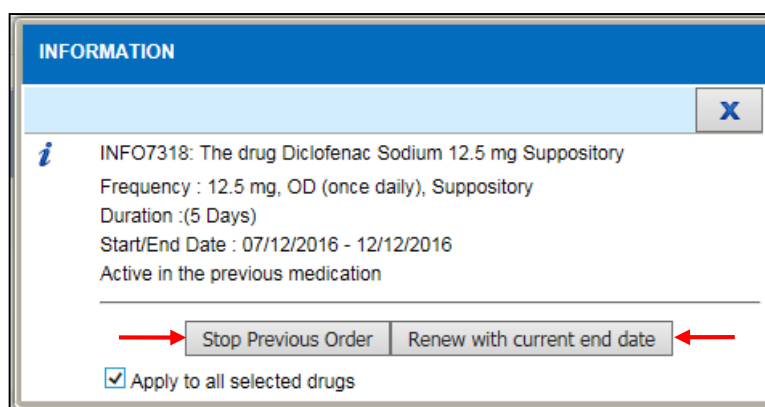
Figure 3.1.9-5 Normal Order Screen

STEP 6

Click on  button to confirm the prescription

Note

If the end date is selected, the New Duration will be auto calculated and vice versa if New Duration is inserted.



INFORMATION X

i INFO7318: The drug Diclofenac Sodium 12.5 mg Suppository
Frequency : 12.5 mg, OD (once daily), Suppository
Duration : (5 Days)
Start/End Date : 07/12/2016 - 12/12/2016
Active in the previous medication

→ Stop Previous Order Renew with current end date ←

☒ Apply to all selected drugs

Figure 3.1.9-6 Information Alert Message

Note

- **Stop Previous Order:** Patient has to stop the medication dispensed during the previous visit and continue with the new prescribed medication. If this option is selected, medication's start date will be the current date.
- **Renew with current end date:** Patient will continue with the medication dispensed previously. If this option is selected, medication's start date will be continuing from the end date of the previous medication.

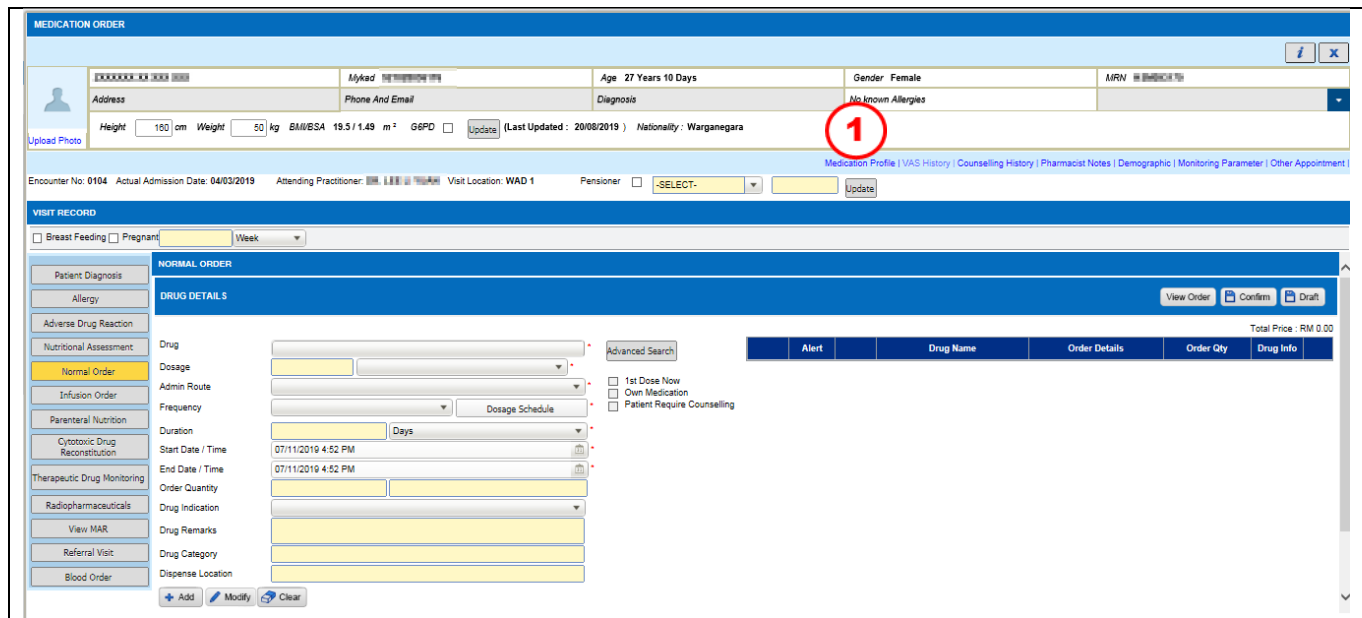
- Alert message as Figure 3.1.9-6 will not appear if the medication's end date are same with today's date from active current prescription and system will directly insert the renew order into draft list in medication order screen. The previous medication will be stopped automatically as per Figure 3.1.9-7

Previous Medication										
	Rx No.	Discharge Medication	Drug Name	Dose	Route	Frequency	Status	Reason	Duration	Prescribed Qty
<input type="checkbox"/>	MOPC0000875156	No	Terazosin HCl 2 mg Tablet	2 mg	Oral	OD (once daily)	CANCELLED		1 Days	1 tablet
<input type="checkbox"/>	MOPC0000875156	No	Ranitidine 150 mg Tablet	150 mg	Oral	BD (twice daily)	CANCELLED		1 Days	2 tablet
<input type="checkbox"/>	MOPC0000875156	No	Digoxin 0.25 mg Tablet	0.25 mg	Oral	OD (once daily)	CANCELLED		1 Days	1 tablet
<input type="checkbox"/>	MOPC0000875154	No	Digoxin 0.25 mg Tablet	0.25 mg	Oral	OD (once daily)	CANCELLED		5 Days	5 tablet
<input type="checkbox"/>	A&E0000641533	Yes	Tramadol HCl 50 mg Capsule	50 mg	Oral	TDS PRN	PARTIALLY DISPENSED		14 Days	42 capsule
<input type="checkbox"/>	A&E0000641533	Yes	Paracetamol 500 mg Tablet	2 tablet	Oral	QID PRN	PARTIALLY DISPENSED		14 Days	112 tablet

Figure 3.1.9-7 Information Alert Message

3.1.10 Change

Prescriber is allowed to modify Dosage, Frequency and Duration. Once save the new changes of drug information, previous order details will be stop and new drug info will be created. The 'Stop' drug can be seen in Previous Medication list.




The screenshot displays the 'MEDICATION ORDER' screen. At the top, there's a patient information section with fields for Name, Age (27 Years 10 Days), Gender (Female), and MRN. Below this is a 'VIST RECORD' section with checkboxes for 'Breast Feeding' and 'Pregnant'. The main area is divided into 'NORMAL ORDER' and 'DRUG DETAILS'. The 'DRUG DETAILS' section includes fields for Drug, Dosage, Admin Route, Frequency, Duration, Start Date / Time, End Date / Time, Order Quantity, Drug Indication, Drug Remarks, Drug Category, and Dispense Location. On the right side of the 'DRUG DETAILS' section, there are checkboxes for '1st Dose Now', 'Own Medication', and 'Patient Require Counselling'. A red circle with the number '1' is placed over the 'Medication Profile' link in the top right corner of the patient details section.

Figure 3.1.10-1 Medication Order Screen

STEP 1

Click on the [Medication Profile](#) hyperlink

STEP 5

Click on the  to save the changes

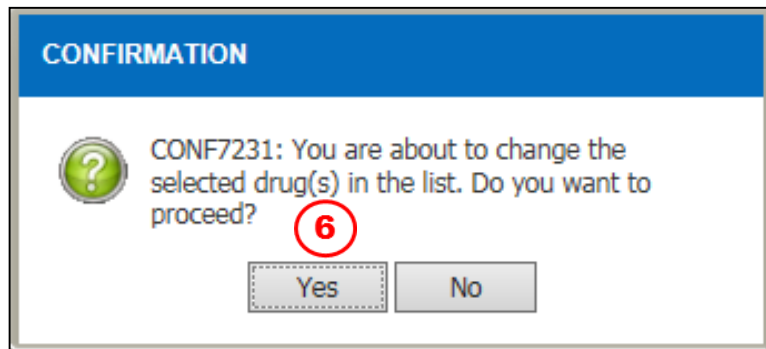



Figure 3.1.10-4 Confirmation Alert Message

STEP 6

click on  to proceed ordering screen

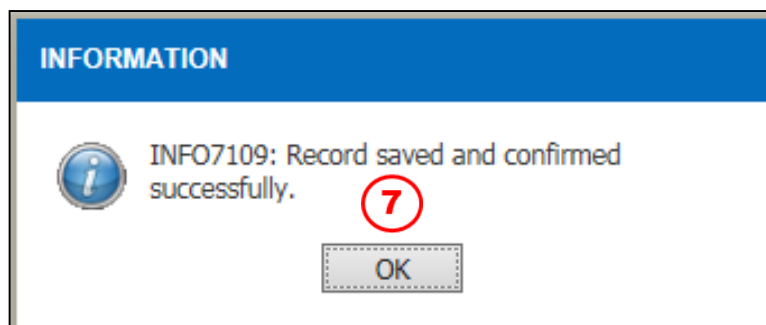



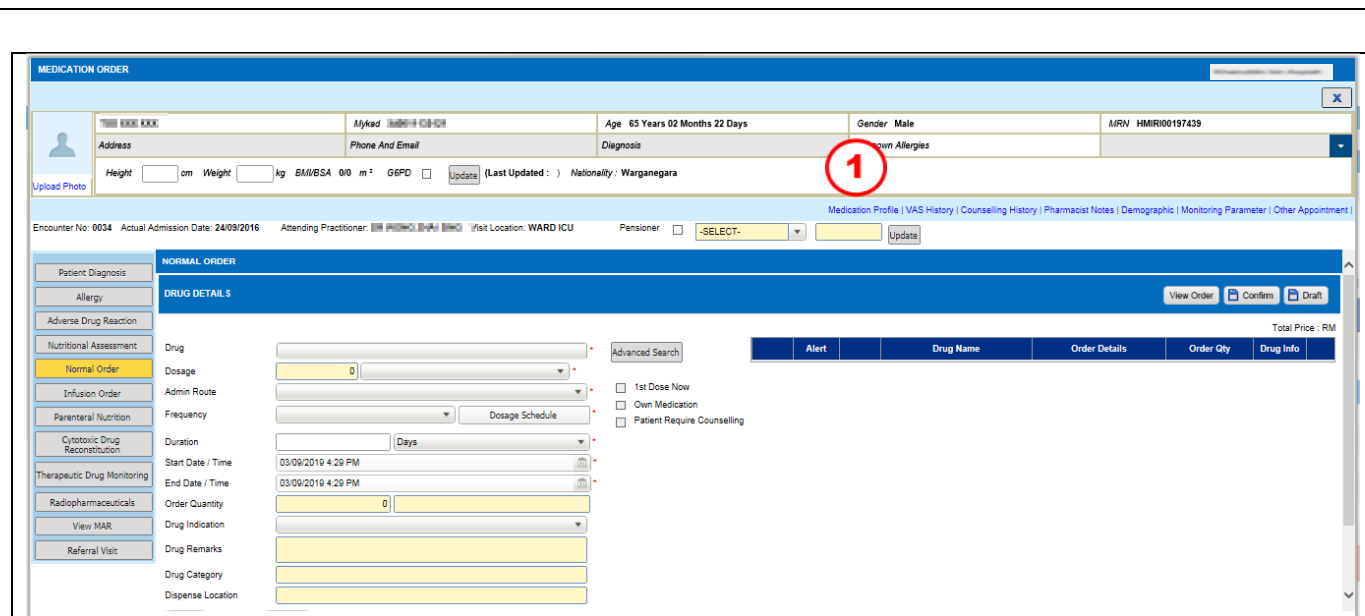
Figure 3.1.10-5 Information Alert Message

STEP 7

Click on  to confirm the changes

3.1.11 Stop

Prescriber is allowed to stop current medication.



MEDICATION ORDER

Encounter No: 0034 Actual Admission Date: 24/09/2016 Attending Practitioner: [Name] (Last Updated:) Nationality: Warganegara

DRUG DETAILS

Drug: [Field] Dosage: [Field] Admin Route: [Field] Frequency: [Field] Duration: [Field] Days Start Date / Time: 03/09/2019 4:20 PM End Date / Time: 03/09/2019 4:20 PM Order Quantity: [Field] Drug Indication: [Field] Drug Remarks: [Field] Drug Category: [Field] Dispense Location: [Field]

Advanced Search: [Field]

1st Dose Now: ☐ Own Medication: ☐ Patient Require Counselling: ☐

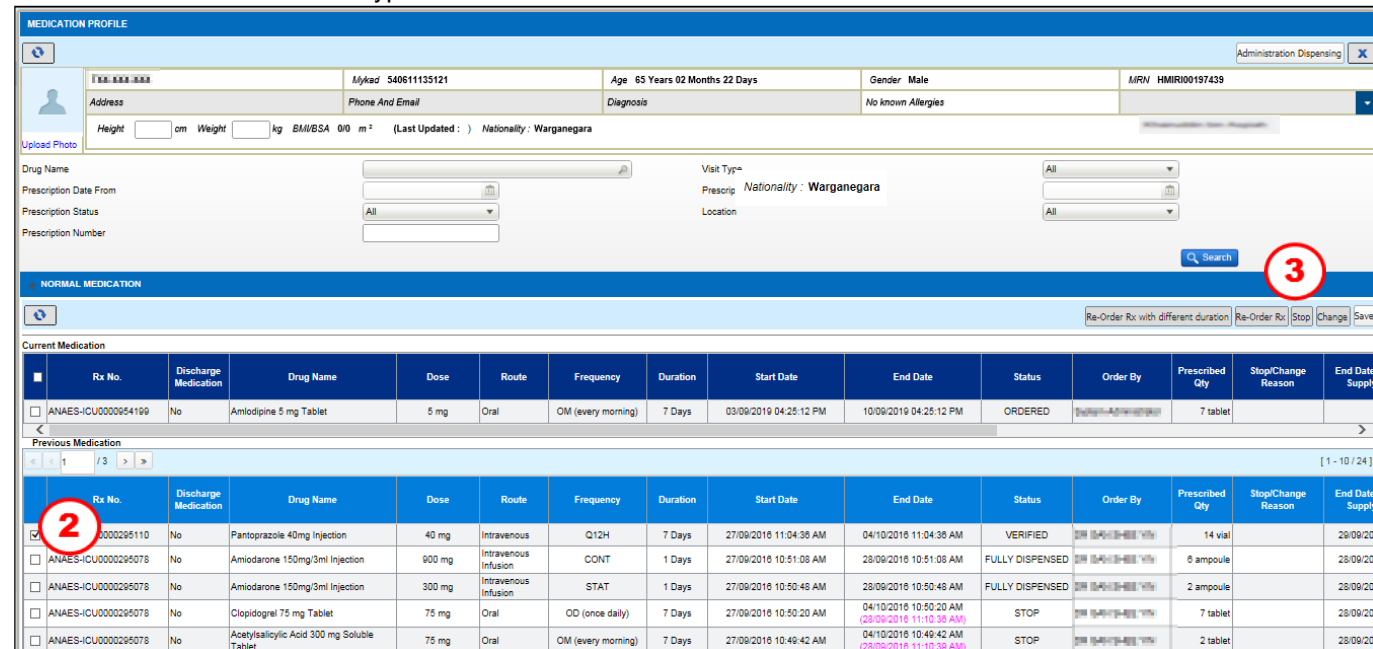
View Order Confirm Draft

Total Price: RM

Figure 3.1.11-1 Medication Order Screen

STEP 1

Click on **Medication Profile** hyperlink



MEDICATION PROFILE

Administration Dispensing

Encounter No: 0034 Actual Admission Date: 24/09/2016 Attending Practitioner: [Name] (Last Updated:) Nationality: Warganegara

Drug Name: [Field] Prescription Date From: [Field] Prescription Status: [Field] Prescription Number: [Field]

Visit Type: [Field] Prescrip: [Field] Location: [Field]

Search

CURRENT MEDICATION

Rx No.	Discharge Medication	Drug Name	Dose	Route	Frequency	Duration	Start Date	End Date	Status	Order By	Prescribed Qty	Stop/Change Reason	End Date Supply
ANAES-ICU00002954199	No	Amiodipine 5 mg Tablet	5 mg	Oral	OM (every morning)	7 Days	03/09/2019 04:25:12 PM	10/09/2019 04:25:12 PM	ORDERED	[Name]	7 tablet		

PREVIOUS MEDICATION

Rx No.	Discharge Medication	Drug Name	Dose	Route	Frequency	Duration	Start Date	End Date	Status	Order By	Prescribed Qty	Stop/Change Reason	End Date Supply
ANAES-ICU0000295110	No	Pantoprazole 40mg Injection	40 mg	Intravenous	Q12H	7 Days	27/09/2016 11:04:36 AM	04/10/2016 11:04:36 AM	VERIFIED	[Name]	14 vial		29/09/2016
ANAES-ICU0000295078	No	Amiodarone 150mg/3ml Injection	900 mg	Intravenous Infusion	CONT	1 Days	27/09/2016 10:51:08 AM	28/09/2016 10:51:08 AM	FULLY DISPENSED	[Name]	6 ampoule		28/09/2016
ANAES-ICU0000295078	No	Amiodarone 150mg/3ml Injection	300 mg	Intravenous Infusion	STAT	1 Days	27/09/2016 10:50:48 AM	28/09/2016 10:50:48 AM	FULLY DISPENSED	[Name]	2 ampoule		28/09/2016
ANAES-ICU0000295078	No	Clopidogrel 75 mg Tablet	75 mg	Oral	OD (once daily)	7 Days	27/09/2016 10:50:20 AM	04/10/2016 10:50:20 AM	STOP	[Name]	7 tablet		28/09/2016
ANAES-ICU0000295078	No	Acetylsalicylic Acid 300 mg Soluble Tablet	75 mg	Oral	OM (every morning)	7 Days	27/09/2016 10:49:42 AM	04/10/2016 10:49:42 AM	STOP	[Name]	2 tablet		28/09/2016

Figure 3.1.11-2 Medication Profile Screen

STEP 2

Tick on the ☒ checkbox to select drugs

STEP 3

Click on the button to stop the selected drugs

INFORMATION

X

i INFO7318: The drug Methadone 5mg/ml Syrup
Frequency : 5 mg, OD (once daily), Oral Solution
Duration : (22 Days)
Start/End Date : 13/05/2016 - 04/06/2016
Active in the previous medication

4

☐ Apply to all selected drugs


Figure 3.1.11-3 Medication Profile Screen

STEP 4

Click on **Stop Current Order**

MEDICATION PROFILE

5



Upload Photo

Name: NUR DANIYA BT MUHAMMAD HANAFI	Mother IC: 71060202712	Age: 09 Years 09 Months 23 Days	Gender: Female	MRN: [REDACTED]
Address: [REDACTED]	Phone And Email: [REDACTED]	Diagnosis: [REDACTED]	No known Allergies	
Height: 155 cm	Weight: 55 kg	BMI/BSA: 22.9 / 1.56 m ²	(Last Updated: 13/05/2016) Nationality: Warganegara	

Drug Name:
Prescription Date From:
Prescription Status:
Order Type:

Visit Type:
Prescription Date To:
Location:

	Rx No.	Discharge Medication	Drug Name	Dose	Route	Frequency	Status	Reason
<input type="checkbox"/>	MOPC0000180372	No	Sulpiride 200 mg Tablet	200 mg	Oral	BD (twice daily)	ORDERED	
<input type="checkbox"/>	MOPC0000180293	No	BISOPROLOL Fumarate 2.5 mg Tablet	2 mg	Oral	OM (every morning)	ACKNOWLEDGED	
<input type="checkbox"/>	MOPC0000180293	No	BISOPROLOL Fumarate 2.5 mg Tablet(Taper Up)	2.5 mg	Oral	BD (twice daily)	ACKNOWLEDGED	7 Days

Figure 3.1.11-4 Medication Profile Screen


Note

Once the drug is stop, it will be updated under **Previous Medication** with the status **Stop** or **Cancelled** as per Figure 3.1.11-14

Previous Medication								
	Rx No.	Discharge Medication	Drug Name	Dose	Route	Frequency	Status	Reason
<input type="checkbox"/>	MOPC0000876408	No	Prednisolone 5 mg Tablet	5 mg	Oral	OD (once daily)	CANCELLED	

Figure 3.1.11-5 Previous Medication - Medication Profile Screen

STEP 5

Click on the  to close the screen as per Figure 3.1.11-4

3.1.12 View MAR

This function is for the doctor to view the medication administration record of the patient.

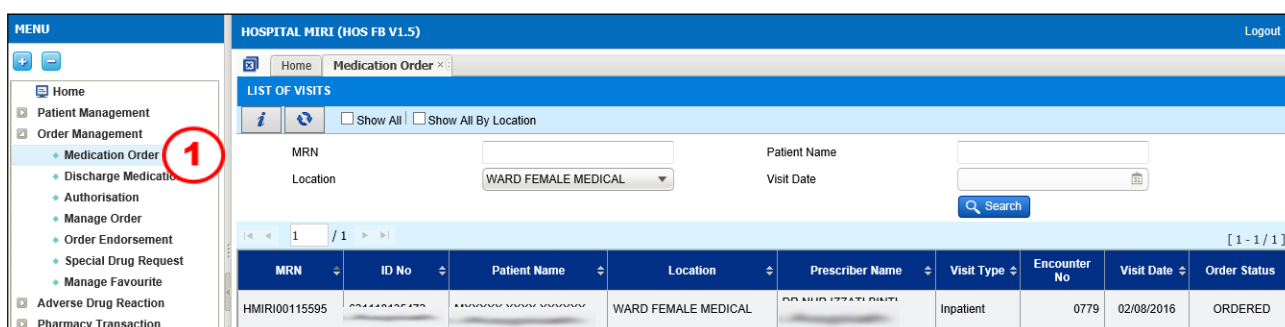


Figure 3.1.12-1 Medication Order Listing Page

STEP 1

Click on 'Order Management' menu and follow by 'Medication Order' sub-menu

Note

- Prescriber have the option to view patients by clicking the check box:
 - Show All
 - Show All By Location
- By default list the of patients will be displayed according to prescriber's location access.
- Various search criteria is provided as below:

No	Field	Description	Remark
a	MRN	Patient Medical Record Number	Search option: <ul style="list-style-type: none"> Type the MRN either full or partial: Example: HPSF00001234 or "1234"
b	Patient Name	Patient Name	Allow to search by patient full name or partial
c	Location	Patient visit location	Able to filter and search patient by visit location
d	Visit Location	Visit Location	Patient visits on the facility

Table 3.1.12-1

Note

Search result of patient record list will be displayed:

- MRN
- ID No
- Patient Name
- Location
- Prescriber Name
- Visit Type
- Encounter No
- Visit Date
- Order Status

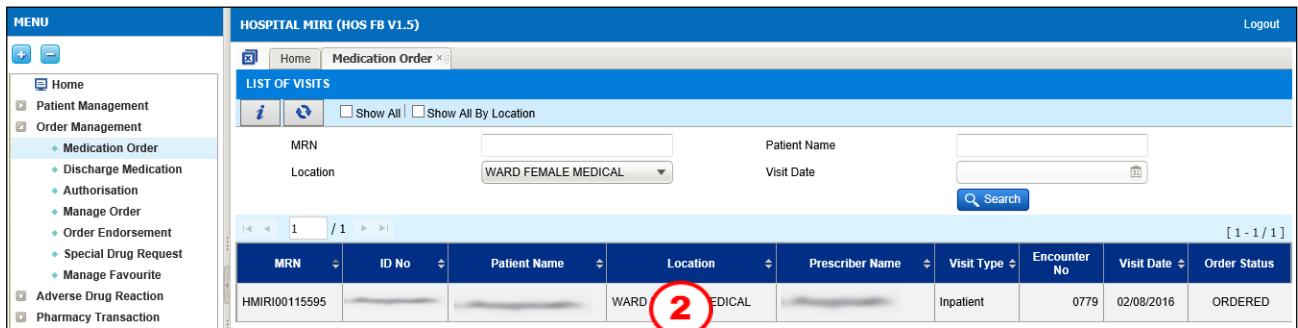


Figure 3.1.12-2 Medication Order Listing Page

STEP 2

Double click on the selected patient

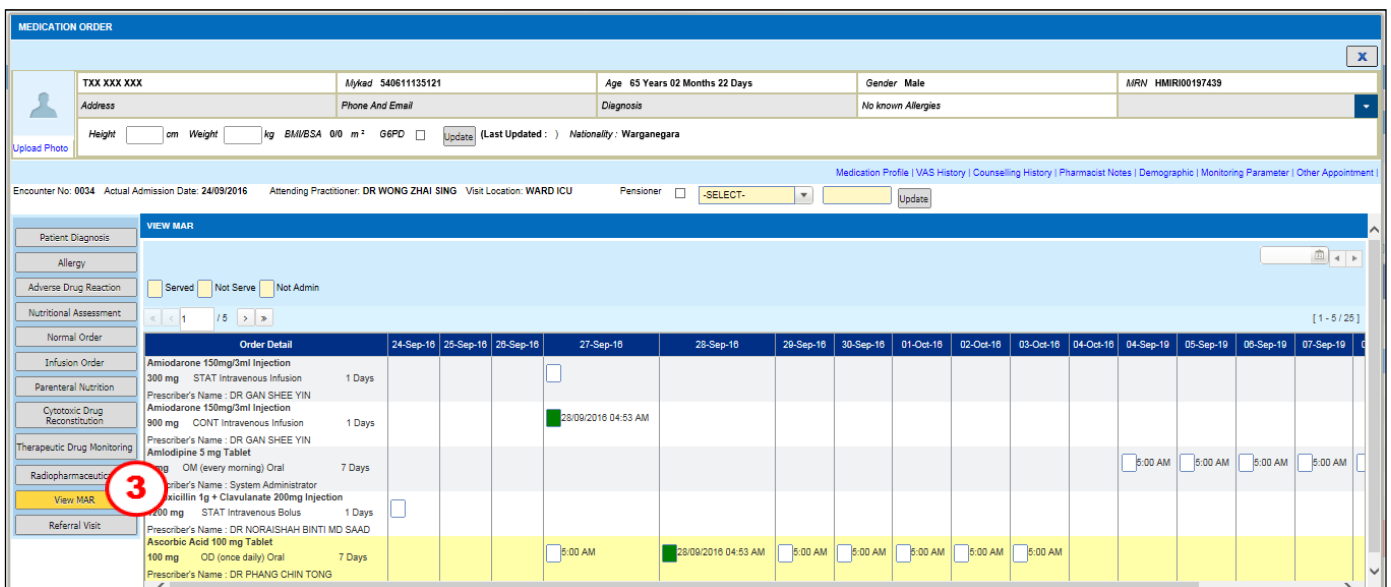


Figure 3.1.12-3 Medication Order Screen

STEP 3

Click on the  button.

Note

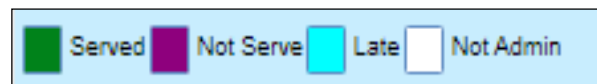






Figure 3.1.12-4 Administration Status Color

-  **Served:** The medication have been served within the time range and recorded in the system.
-  **Not serve:** The medication recorded as not served within the time range in the system.
-  **Not Admin:** User has not recorded the administration details in the system.
-  **Late:** User has late recorded the administration details in the system
- Move the cursor to the administration status box and the administration details will appear as Figure 3.1.12-5

<div> <div>Served</div> <div>Not Serve</div> <div>Late</div> <div>Not Admin</div> </div>										
Order Detail	29-May-19	30-May-19	31-May-19	01-Jun-19	02-Jun-19	03-Jun-19	04-Jun-19	05-Jun-19	06-Jun-19	
Amoxicillin 500mg Capsule 1000 mg BD (twice daily) Oral 10 Days Prescriber's Name : Dr Nur Afiza Azzura Binti Kaderoon	<input type="checkbox"/> 8:00 PM	<input type="checkbox"/> 8:00 AM <input type="checkbox"/> 8:00 PM	<input type="checkbox"/> 8:00 AM <input type="checkbox"/> 8:00 PM Amoxicillin 500mg Capsule 1000 mg BD (twice daily) 10 Days	<input type="checkbox"/> 8:00 AM	<input type="checkbox"/> 8:00 AM	<input type="checkbox"/> 8:00 AM	<input type="checkbox"/> 8:00 AM	<input type="checkbox"/> 8:00 AM	<input type="checkbox"/> 8:00 AM	<input type="checkbox"/> 8:00 AM
Clarithromycin 250 mg Tablet 500 mg Q12H Oral 10 Days Prescriber's Name : Dr Nur Afiza Azzura Binti Kaderoon	<input type="checkbox"/> 6:00 PM	<input type="checkbox"/> 6:00 AM <input type="checkbox"/> 6:00 PM	Dose Administered: 1000 mg Scheduled Administration Start: 31/05/2019 08:00 AM Actual Administration Start:			<input type="checkbox"/> 6:00 AM <input type="checkbox"/> 6:00 PM	<input type="checkbox"/> 6:00 AM <input type="checkbox"/> 6:00 PM	<input type="checkbox"/> 6:00 AM <input type="checkbox"/> 6:00 PM	<input type="checkbox"/> 6:00 AM <input type="checkbox"/> 6:00 PM	<input type="checkbox"/> 6:00 AM <input type="checkbox"/> 6:00 PM
Pantoprazole 40 mg Tablet 40 mg Q12H Oral 2 Weeks Prescriber's Name : Dr Nur Afiza Azzura Binti Kaderoon	<input type="checkbox"/> 6:00 PM	<input type="checkbox"/> 6:00 AM <input type="checkbox"/> 6:00 PM	Scheduled Administration End: Actual Administration End: Administered By:			<input type="checkbox"/> 6:00 AM <input type="checkbox"/> 6:00 PM	<input type="checkbox"/> 6:00 AM <input type="checkbox"/> 6:00 PM	<input type="checkbox"/> 6:00 AM <input type="checkbox"/> 6:00 PM	<input type="checkbox"/> 6:00 AM <input type="checkbox"/> 6:00 PM	<input type="checkbox"/> 6:00 AM <input type="checkbox"/> 6:00 PM
Pantoprazole 40 mg Tablet 40 mg OD (once daily) Oral 4 Months Prescriber's Name : Dr Nur Afiza Azzura Binti Kaderoon										

Figure 3.1.12-5 Administration Details

3.2 Manage Prescription

Prescriber is allowed to manage the order made after they confirm the order

3.2.1 Change Prescription

Prescriber is allowed to modify Dosage, Frequency, Duration and Counselling Indication if the order still in 'Ordered' status. Once the pharmacist acknowledge the prescription, user is not allowed to change the order.

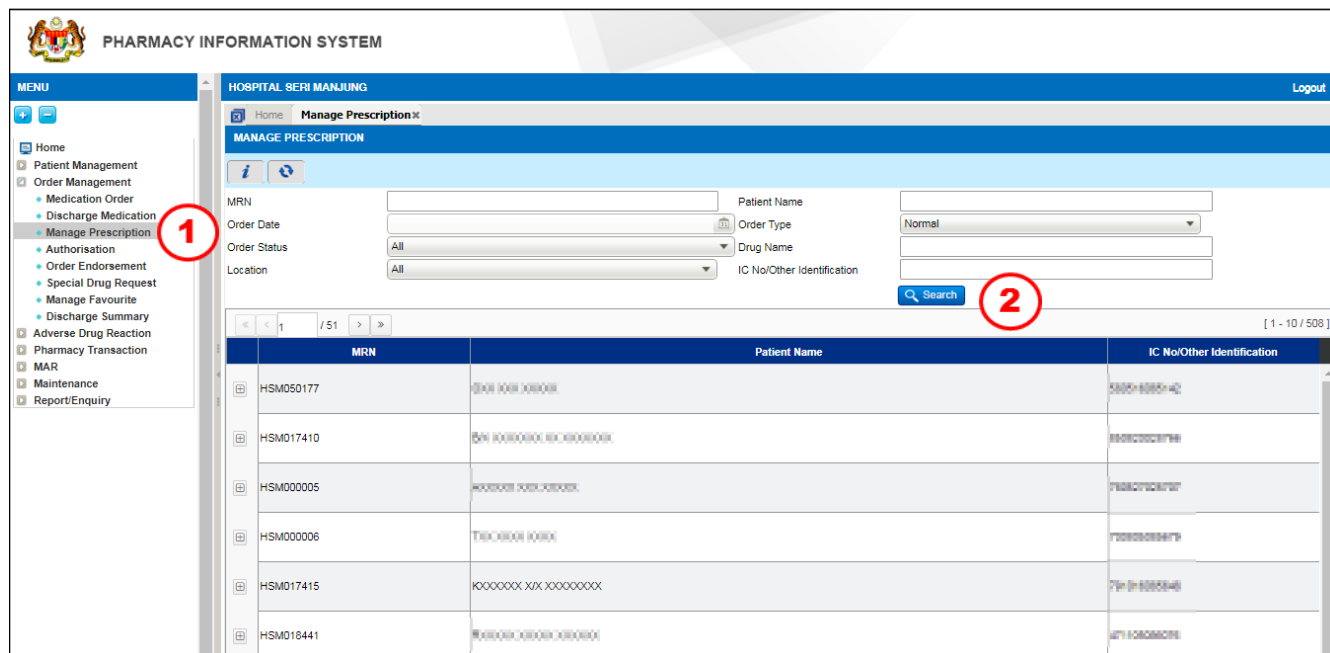


Figure 3.2.1-1 Manage Prescription Listing Page

STEP 1

Click on 'Order Management' menu and followed by 'Manage Prescription' sub-menu

Note

- 'Manage Order' rename to 'Manage Prescription' as per Figure 3.2.1-1
- On this listing page, various Search criteria is provided as below:

No	Field	Description	Remark
a	MRN	Patient Medical Record Number	Search option: <ul style="list-style-type: none"> Scan the MRN using barcode scanner. Type the MRN either full or partial Example: HPSF00001234 or "1234"
b	Order date	Order date	Allow to search by ordered date
c	Order Status	According to Order in which stage	Able to filter by order status
d	Location	Patient visit location	Able to filter and search patient name by visit location
e	Patient Name	Patient Name	Allow to search by patient name

f	Order Type	<ul style="list-style-type: none"> - Normal - CDR - IV - PN - Radiopharmaceuticals 	Allow to search by order type
g	Drug Name	Drug Name	Allow to search by full or partial
h	IC No/Other Identification	Patient IC No/Other Identification	Allow to search by patient IC No/Other Identification

Table 3.2.1-1

- Search result of patient record list will be displayed:
 - MRN
 - Patient Name
 - IC No/Other Identification

STEP 2

Click on the  button to search patient

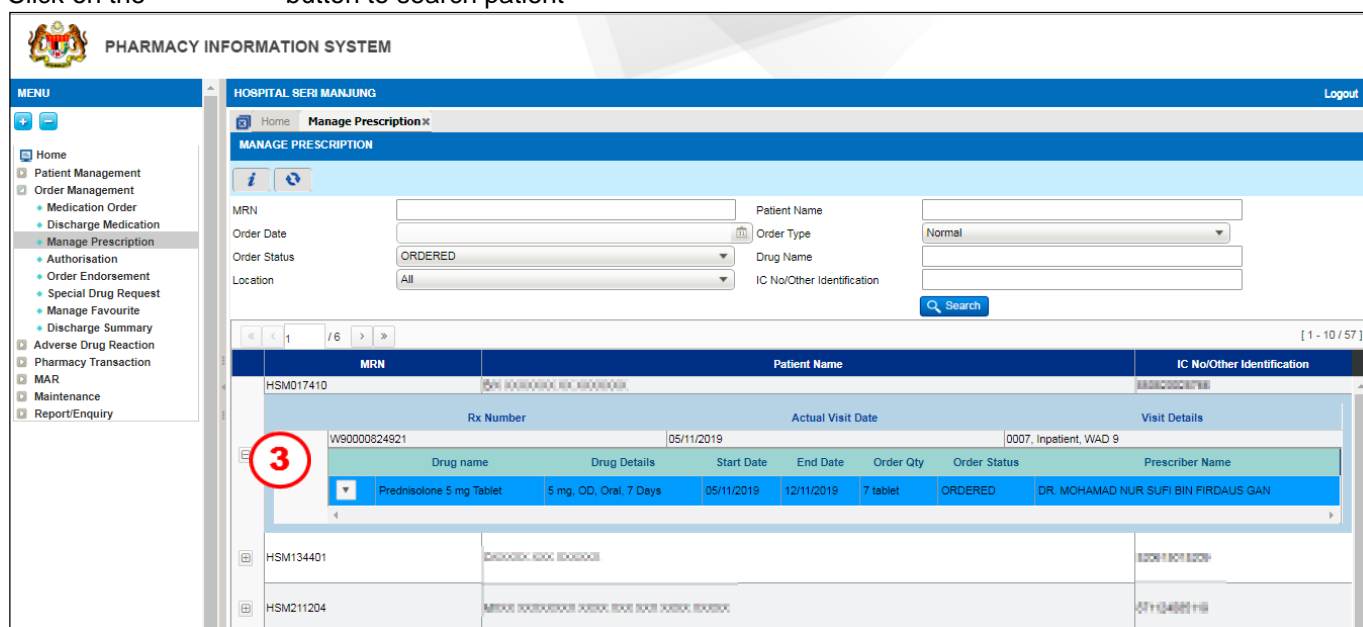



Figure 3.2.1-2 Manage Prescription Screen

STEP 3

Click on  button to view selected patient's prescription

Note

- Information will be displayed as below after click  button:
 - Drug Name
 - Dose
 - Frequency
 - Duration
 - Order Qty
 - Start Date Time
 - End Date / Time
 - Order status

STEP 4

Right click on  button and select **Change** as per Figure 3.2.1-3

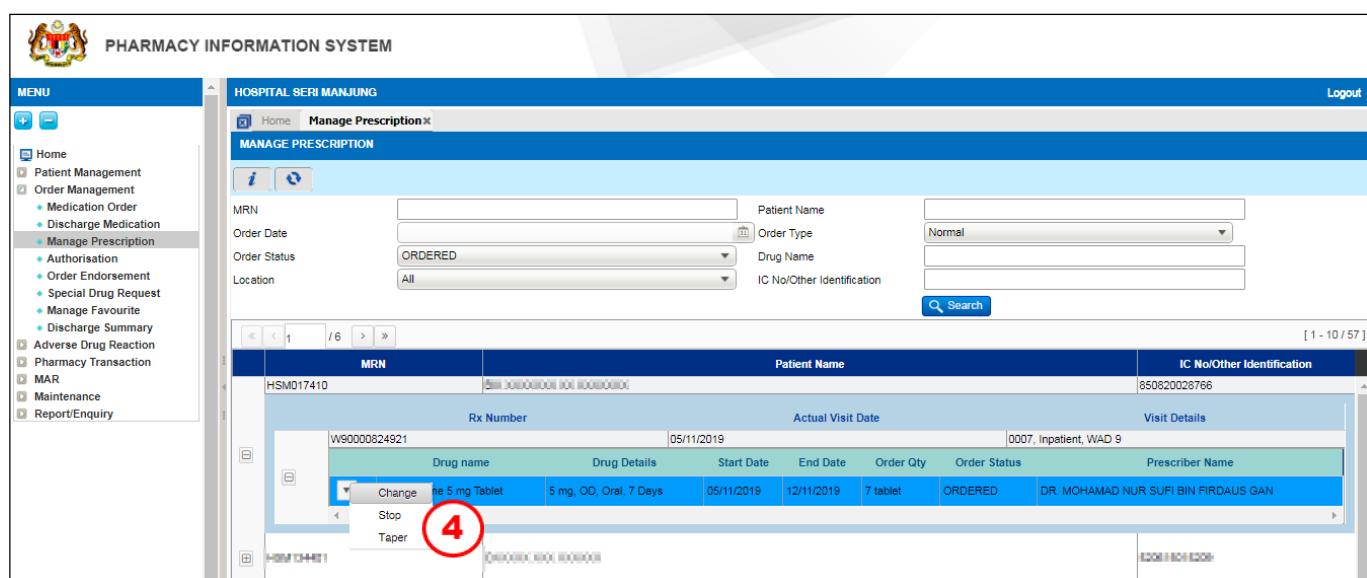


Figure 3.2.1-3 Manage Prescription Screen

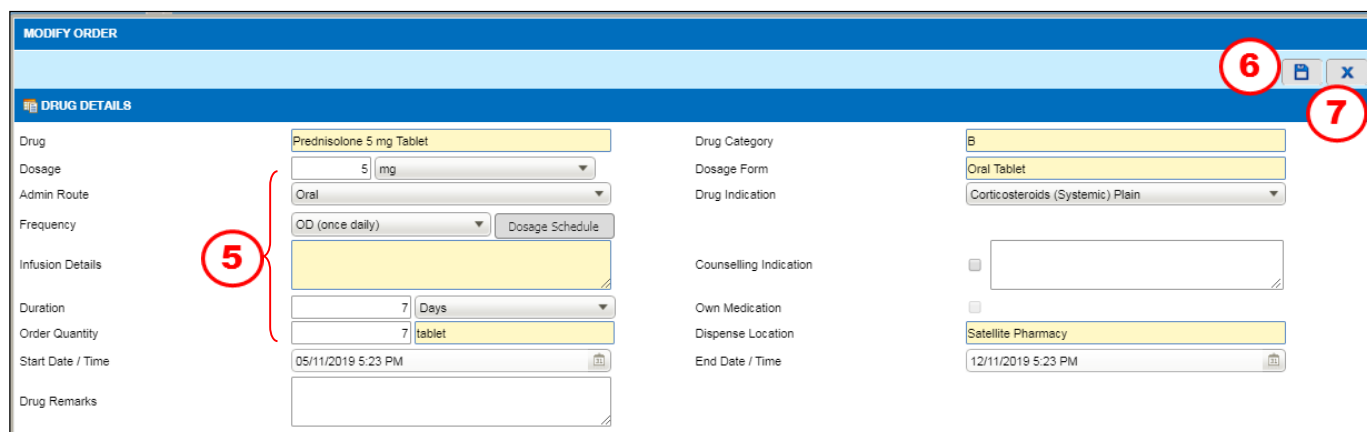


Figure 3.2.1-4 Modify Order Screen

STEP 5

Change drug details as required

Note


Prescriber allowed to change drug details as below:

- Dosage
- Admin Route
- Frequency
- Duration
- Order Quantity
- Start Date/Time
- Dosage Form
- Drug Indication
- Counselling Indication

STEP 6

Click on the  button to save record

STEP 7

Click on the  button to close existing screen

Note

- Record not appear anymore in Manage Prescription screen as Figure 3.2.1-6 when patient discharged as deceased as per Figure 3.2.1-5.
- In Clinical Summary screen, deceased patient has been update as Inactive as per Figure 3.2.1-7

DISCHARGE			
Discharge	<input checked="" type="checkbox"/>	Deceased/Death <input checked="" type="checkbox"/>	End Visit <input type="checkbox"/>
Discharge Date	26/07/2017 11:19:01 AM		Doctor
Discharge Type			Decease Date Time
Discharge By	Dr. Sai binti Atan		26/07/2017 11:10:30 AM
Billing Amount			Receipt Number

Figure 3.2.1-5 Discharge – Deceased/Death

MANAGE PRESCRIPTION							
MRN	HPSF0015555			Patient Name			
Order Date				Order Type	Normal		
Order Status	All			Drug Name			
Location	All			IC Number			
<input type="button" value="Search"/>							
MRN	Patient Name	Location	Prescriber Name	Visit Type	Encounter No	Visit Date	Order Status
No Record Found							

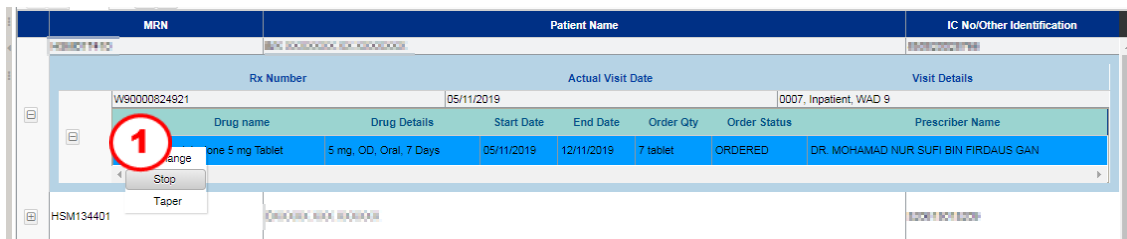
Figure 3.2.1-6 Manage Prescription – Discharge Deceased

CLINICAL SUMMARY							
MRN	HPSF0015555			Patient Name	sarah binti dimin		
ID Number				<input type="button" value="Search"/>			
<input type="button" value="1"/> / 1							
MRN	Patient Name	ID Number	Patient Status				
HPSF0015555	SARAH BINTI DIMIN	451017115006	Inactive				

Figure 3.2.1-7 Clinical Summary– Discharge Deceased

3.2.2 Stop Medication

Prescriber allowed to stop medication from being administered or dispensed.




MRN	Patient Name	IC No/Other Identification
HSM017410	DR. MOHAMAD NUR SUFI BIN FIRDAUS GAN	0007, Inpatient, WAD 9
Rx Number: W90000824921 Actual Visit Date: 05/11/2019 Visit Details: 0007, Inpatient, WAD 9		
Drug name	Drug Details	Start Date
Prednisolone 5 mg Tablet	5 mg, OD, Oral, 7 Days	05/11/2019
End Date	Order Qty	Order Status
12/11/2019	7 tablet	ORDERED
Prescriber Name	DR. MOHAMAD NUR SUFI BIN FIRDAUS GAN	

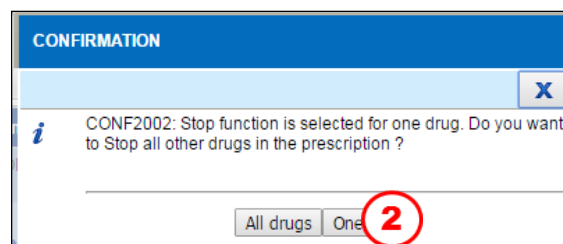
Figure 3.2.2-1 Manage Order With Stop Order Option

Note

To proceed stop medication order, repeat as Modify order from **Step 1** to **3**.

STEP 1

Right click on the  button and select **Stop**



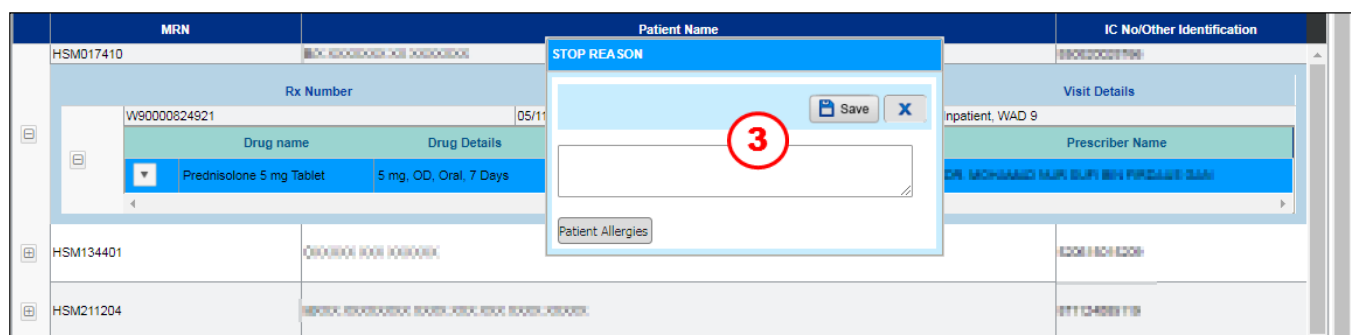
CONFIRMATION

CONF2002: Stop function is selected for one drug. Do you want to Stop all other drugs in the prescription?

Figure 3.2.2-2 Stop Function Option

STEP 2

Click on the to stop selected drug



MRN	Patient Name	IC No/Other Identification
HSM017410	DR. MOHAMAD NUR SUFI BIN FIRDAUS GAN	0007, Inpatient, WAD 9
Rx Number: W90000824921 Actual Visit Date: 05/11/2019 Visit Details: 0007, Inpatient, WAD 9		
Drug name	Drug Details	Start Date
Prednisolone 5 mg Tablet	5 mg, OD, Oral, 7 Days	05/11/2019
End Date	Order Qty	Order Status
12/11/2019	7 tablet	ORDERED
Prescriber Name	DR. MOHAMAD NUR SUFI BIN FIRDAUS GAN	

Figure 3.2.2-3 Manage Order With Stop Order Option

STEP 3

Enter reason for stop order

Note

- If user select button as per Figure 3.2.2-2, all medication in the prescription will be stop.
- If prescriber found prescription need to be stopped due to patient allergies, prescriber is allowed to click on the button to record the allergies.

3.3 Order Endorsement

Order endorsement is to notify prescriber on prescription changes made by pharmacist upon confirmation by the prescriber.

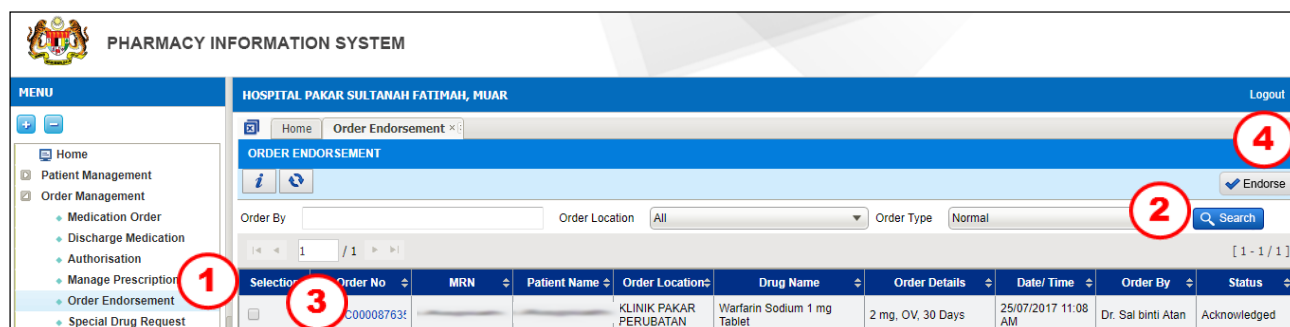


Figure 3.3-1 Order Endorsement Listing Screen

STEP 1

Click on 'Order Management' menu and follow by 'Order Endorsement' sub-menu

Note

- On this listing page, various Search criteria is provided as below:

No	Field	Description	Remark
a	Order By	Prescriber Name	Allow to search by full or partial
b	Order Location	Patient visit location	Able to filter and search patient name by visit location
c	Order Type	<ul style="list-style-type: none"> Normal CDR IV PN Radiopharmaceuticals 	Allow to search by order type

Table 3.3-1

- Search result of patient record list will be displayed:
 - Order No
 - MRN
 - Patient Name
 - Order Location
 - Order Status
 - Date Time
 - Order By
 - Status

STEP 2

Click on the  button to search patient

Note

Click on **Order No** hyperlink to view order details

STEP 3

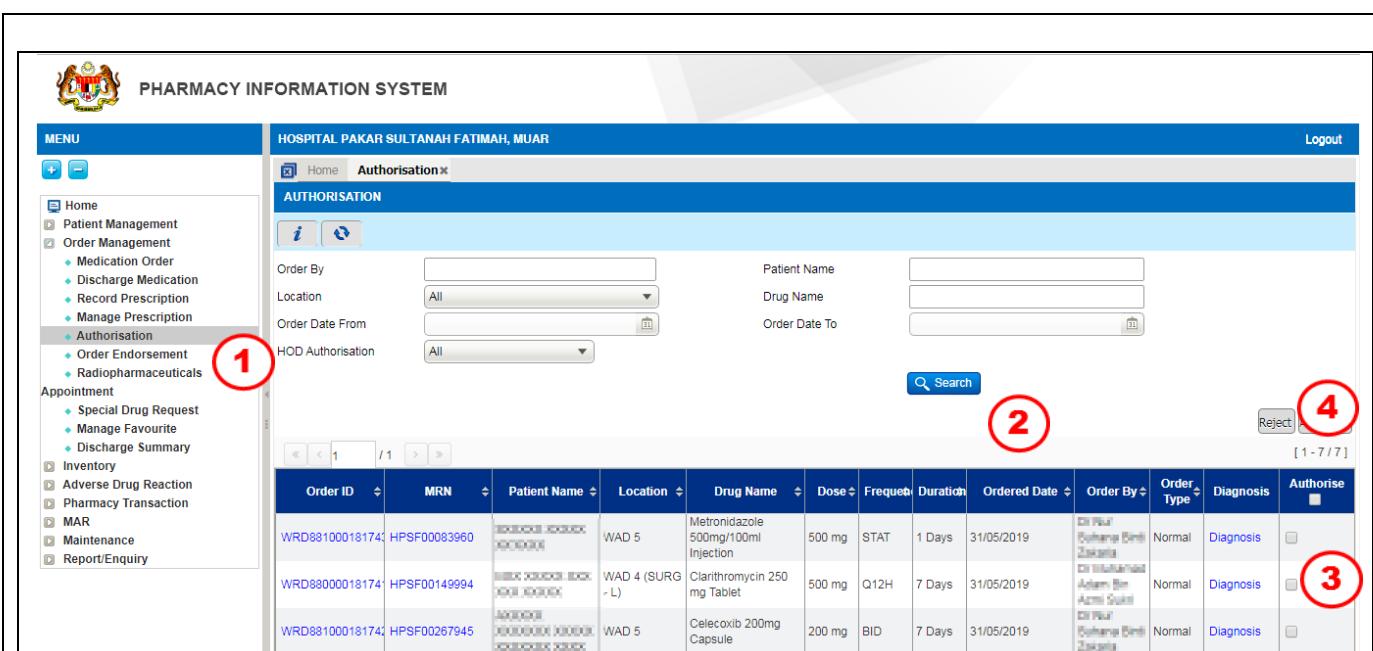
Select ☐ checkbox on selected patient

STEP 4

Click on the  button to proceed endorsement

3.4 Order Authorization

This function is used by specialist or authorized person to approve list A/ A*/ A/KK drug that requires authorization. Once reject, drug order will be stopped and update the status and remove from Authorisation list.



PHARMACY INFORMATION SYSTEM

HOSPITAL PAKAR SULTANAH FATIMAH, MUAR Logout

Home Authorisation

AUTHORISATION

Order By: [Text Box] Patient Name: [Text Box]
 Location: [Dropdown: All] Drug Name: [Text Box]
 Order Date From: [Text Box] Order Date To: [Text Box]
 HOD Authorisation: [Dropdown: All]

Search [Text Box]

Reject [Text Box]

[1-7/7]

Order ID	MRN	Patient Name	Location	Drug Name	Dose	Frequen	Duration	Ordered Date	Order By	Order Type	Diagnosis	Authorise
WRD88100018174	HPSF00083960	[Redacted]	WAD 5	Metronidazole 500mg/100ml Injection	500 mg	STAT	1 Days	31/05/2019	Dr. Fauziah Binti Zakaria	Normal	Diagnosis	[Check Box]
WRD88000018174	HPSF00149994	[Redacted]	WAD 4 (SURG - L)	Clarithromycin 250 mg Tablet	500 mg	Q12H	7 Days	31/05/2019	Dr. Muhammad Adam Bin Azmi Gulati	Normal	Diagnosis	[Check Box]
WRD88100018174	HPSF00267945	[Redacted]	WAD 5	Celecoxib 200mg Capsule	200 mg	BID	7 Days	31/05/2019	Dr. Fauziah Binti Zakaria	Normal	Diagnosis	[Check Box]

Figure 3.4-1 Order Authorisation Listing Screen

STEP 1

Click on 'Order Management' menu and followed by 'Authorisation' sub-menu

Note

- On this listing page, various Search criteria is provided as below:

No	Field	Description	Remark
a	Order By	Prescriber Name	Prescriber Name
b	Location	Patient visit location	Able to filter and search patient name by visit location
c	Order Date From	Order date	Allow to search by date from selected month/date/year
d	Patient Name	Patient Name	Allow to search by patient name
e	Drug Name	Drug Name	Allow to search by full or partial drug name
f	Order Date To	Order date	Allow to search by date from selected month/date/year
g	HOD Authorization	HOD Authorization	Able to filter and search authorization by HOD

Table 3.4-1


- Search result of patient record list will be displayed:
 - Order No
 - MRN

- *Patient Name*
- *Location*
- *Drug Name*
- *Dose*
- *Frequency*
- *Duration*
- *Ordered Date Time*
- *Order By*
- *Order Type*

STEP 2

Click on the  button to search patient



STEP 3

Select  checkbox on selected patient

STEP 4

Click on the  button

Note

- Click  button to reject the order
- Click on the  checkbox if user want to authorise all drugs in the list.

3.5 HOD Authorization

This function is used by HOD (Head of Department) to approve selected drug that requires HOD authorization. Once reject, drug order will be stopped and update the status and remove from Authorisation list.

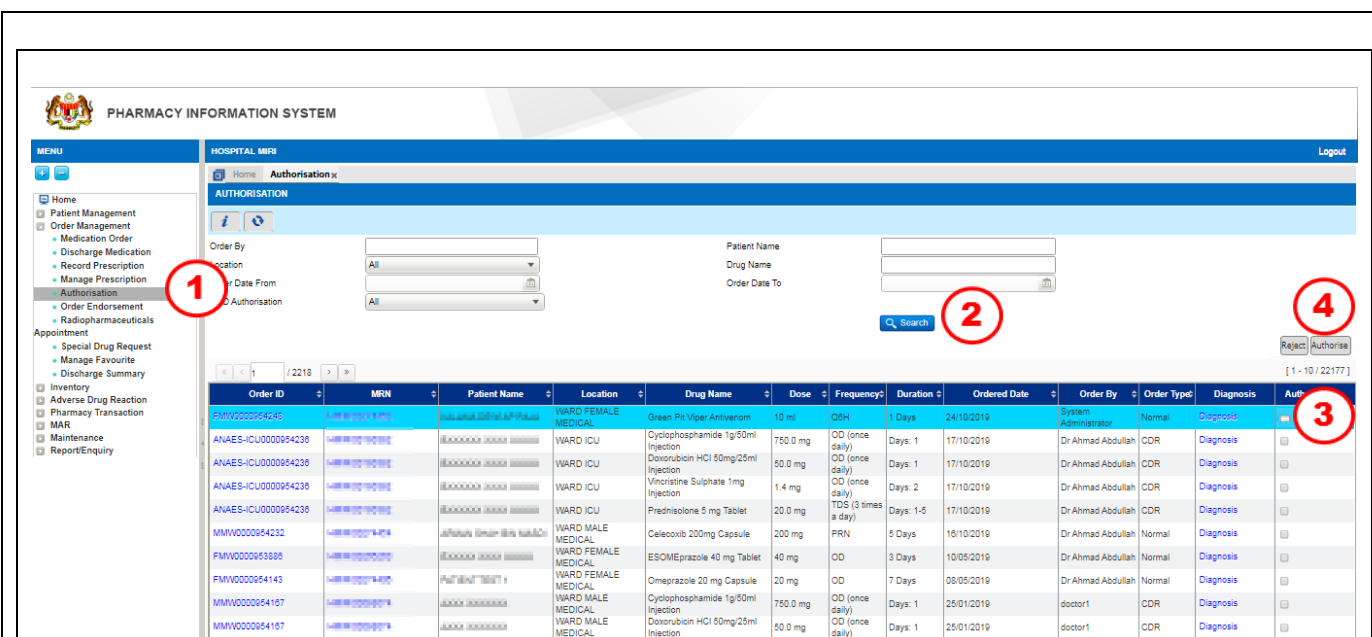


Figure 3.5-1 Order Authorisation Listing Screen

STEP 1

Click on 'Order Management' menu and followed by 'Authorisation' sub-menu

Note

- On this listing page, various Search criteria is provided as below:

No	Field	Description	Remark
a	Order By	Prescriber Name	Prescriber Name
b	Location	Patient visit location	Able to filter and search patient name by visit location
c	Order Date From	Order date	Allow to search by date from selected month/date/year
d	Patient Name	Patient Name	Allow to search by patient name
e	Drug Name	Drug Name	Allow to search by full or partial drug name
f	Order Date To	Order date	Allow to search by date from selected month/date/year
g	HOD Authorization	HOD Authorization	Able to filter and search authorization by HOD

Table 3.4-1


- Drug that require HOD Authorisation its highlight in blue color as per Figure 3.5-1
- User have options to filter the list by All/Yes/No for HOD Authorisation
- Search result of patient record list will be displayed:
 - Order No
 - MRN
 - Patient Name
 - Location

- *Drug Name*
- *Dose*
- *Frequency*
- *Duration*
- *Ordered Date Time*
- *Order By*
- *Order Type*

STEP 2

Click on the  button to search patient


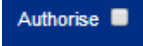
STEP 3

Select  checkbox on selected patient

STEP 4

Click on the  button

Note

- Click  button to reject the order
- Click on the  checkbox if user want to authorise all drugs in the list.

4.0 Acronyms

Abbreviation	Definition
PhIS	Pharmacy Information System
CPS	Clinical Pharmacy System
OM	Order Management
MRN	Medical Record Number
TDM	Clinical Pharmacokinetics Services
ADR & DAC	Adverse Drug Reaction and Drug Allergic Card
MTAC	Medication Therapy Adherence Clinic
MOH	Ministry Of Health

5.0 Links To Clinical Modules

No	Module	PDF Links	No	Module	PDF Links
1	Inpatient	Click Here	12	CDR Dispensing	Click Here
2	CDR Order	Click Here	13	Methadone Dispensing	Click Here
3	TDM Order	Click Here	14	PN Dispensing	Click Here
4	PN Order	Click Here	15	Order Management	Click Here
5	IV Order	Click Here	16	Patient Management	Click Here
6	Prepacking	Click Here	17	Radiopharmaceuticals	Click Here
7	Galenical	Click Here	18	Outpatient	Click Here
8	MTAC	Click Here	19	Special Drug Request	Click Here
9	ADR & DAC	Click Here	20	MAR	Click Here
10	Medication Counselling	Click Here	21	DICE	Click Here
11	Ward Pharmacy	Click Here	22		