



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

User Manual Order Management - Infusion Order

Version	: 13th Edition
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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 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
7. Manufacturing of Cytotoxic Drug Reconstitution, Parenteral Nutrition, IV 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 Infusion Order sub-module and its key features and functionalities. The primary objective is to guide user through the process of completing PhIS application process.

User will understand the following activities in details:

- Medication Order – Infusion
- Manage Order
- Order Endorsement
- Authorisation

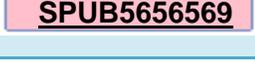
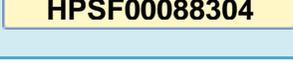
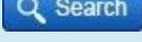
1.3 Organised Sections

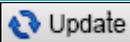
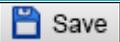
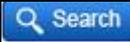
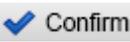
These are the sections within this document:

- Section 1 : Introduction
- Section 2 : Application Standard Features
- Section 3 : Medication Order-Infusion 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
	Close All Open Tabs		Refresh Screen
	Expand Menu		Collapse Menu
	Expand Module		Collapse Module
	Add/Create New Record		Save
	Close Window		Calendar Icon
	Save Transaction		Delete Record
	Export Report From PDF file to Excel file		OK Button
	Yes Button		No Button
	Radio Button	<input type="checkbox"/>	Checkbox
	System Automatic Generate Record No.		Automatically Display/Retrieve Box
	Reset Login Screen		Show Help
	Display Home Tab		Search Record
	Cancel		Dropdown Box
	Search Icon	*	Mandatory Field
	Edit Record		Empty Text Box
	Cancel Button		

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

Note

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

3.0 Order Management- Infusion Order

Overview

The Order Management-Infusion Order 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 be 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), Medical Assistance (MA) and Housemen. (subject to the user assigned by the facility)

Functional Diagram

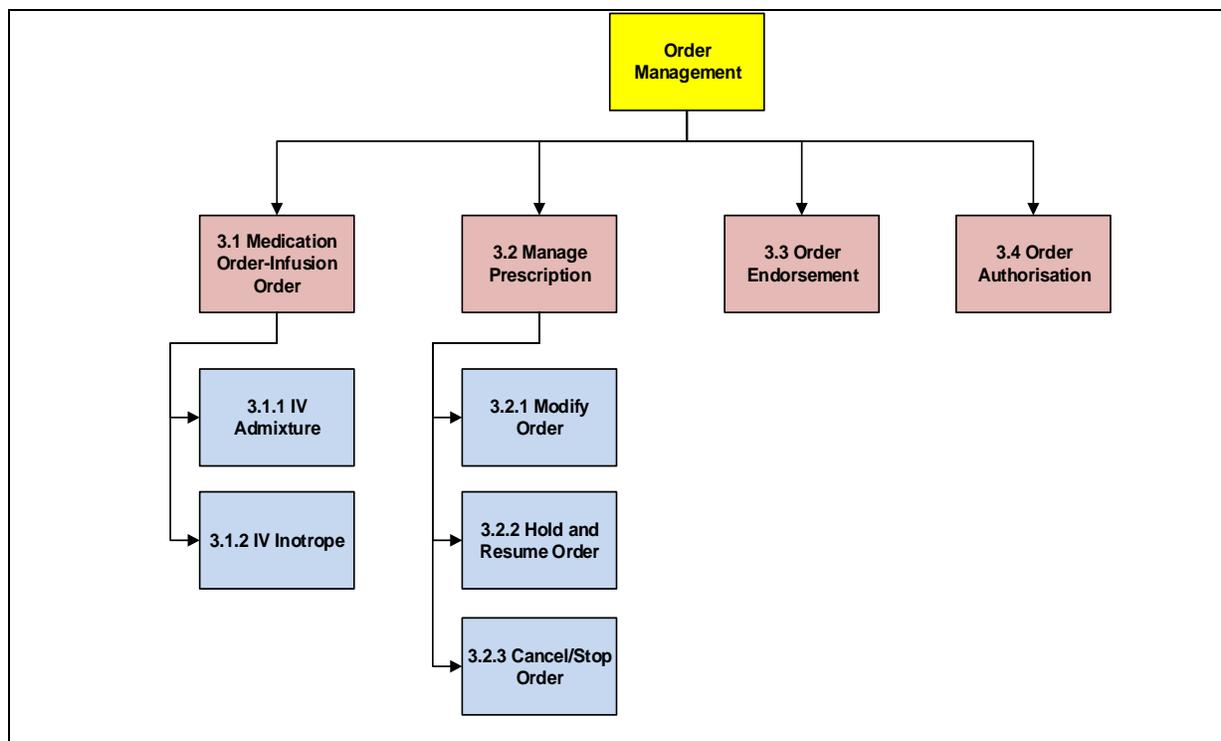


Figure 3.0-1



Functional Description

Medication Order comprises of four (4) main functions:

- **Medication Order- Infusion Order**

To prescribe:

- IV Admixture
- Inotrope order

- **Manage Prescription**

To monitor patient's prescription including modify order, hold/resume order and cancel/stop order

- **Order Endorsement**

Order endorsement is to notify prescriber of prescription changes made by pharmacist. Prescriber can endorse the intervention made by a Pharmacist

- **Order Authorization**

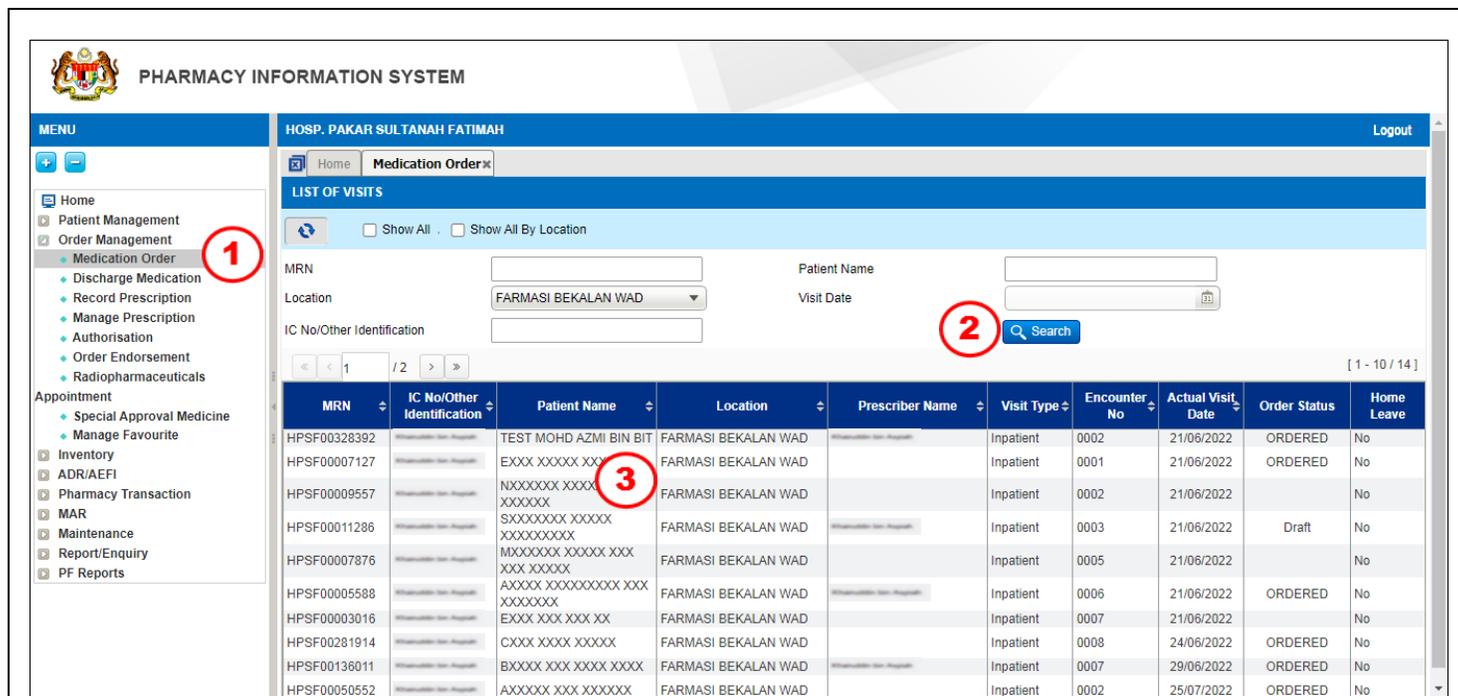
To approve list A/ A*/ A/KK drugs that require authorization

3.1 Medication Order - Infusion

Infusion order is used to prescribe medicine for Inpatient, Emergency and Day Care departments based on the facility setup.

3.1.1 IV Admixture

This function is for a prescriber to order injectable medication that requires further dilution before administration. However, it is only applicable for medication that is diluted by pharmacy department. If the dilution is prepared by nursing personnel, the normal order function is to be used.



MRN	IC No/Other Identification	Patient Name	Location	Prescriber Name	Visit Type	Encounter No	Actual Visit Date	Order Status	Home Leave
HPSF00328392		TEST MOHD AZMI BIN BIT	FARMASI BEKALAN WAD		Inpatient	0002	21/06/2022	ORDERED	No
HPSF00007127		EXXX XXXX XX	FARMASI BEKALAN WAD		Inpatient	0001	21/06/2022	ORDERED	No
HPSF00009557		NXXXXX XXXX XXXXXX	FARMASI BEKALAN WAD		Inpatient	0002	21/06/2022		No
HPSF00011286		SXXXXXXXX XXXX XXXXXXXXXX	FARMASI BEKALAN WAD		Inpatient	0003	21/06/2022	Draft	No
HPSF00007876		MXXXXX XXXX XXX XXX XXXXX	FARMASI BEKALAN WAD		Inpatient	0005	21/06/2022		No
HPSF00005588		AXXXX XXXXXXXXXX XXX XXXXXXXXXX	FARMASI BEKALAN WAD		Inpatient	0006	21/06/2022	ORDERED	No
HPSF00003016		EXXX XXX XXX XX	FARMASI BEKALAN WAD		Inpatient	0007	21/06/2022		No
HPSF00281914		CXXX XXX XXXXX	FARMASI BEKALAN WAD		Inpatient	0008	24/06/2022	ORDERED	No
HPSF00136011		BXXXX XXX XXXX XXXX	FARMASI BEKALAN WAD		Inpatient	0007	29/06/2022	ORDERED	No
HPSF00050552		AXXXX XXX XXXXXX	FARMASI BEKALAN WAD		Inpatient	0002	25/07/2022	ORDERED	No

Figure 3.1.1-1 Medication Order Page

STEP 1

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

Note

- Prescriber can select either of these options: Click on the show all checkbox to view all patients assigned to the login prescriber or click on the show all checkbox to view patients assigned to prescriber login location and not assigned to other prescriber.
- Assigning of patients will be based on access rights.
- By default, a list of patients will be displayed according to patient assigned to login prescriber and prescriber's login location.
- Various search criteria as 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 full or partial patient name

c)	Location	Patient visit location	Able to filter and search patient by visit location and prescriber's location.
d)	Visit Date	Patient visit date	Able to filter and search patient visit date
e)	IC No/Other Identification	IC No/Other Identification	Able to search patient based on MYKAD/MYKID and others identification.

Table 3.1.1-1

Note

Search results of patient record list will display:

- MRN
- IC No/Other Identification
- Patient Name
- Location
- Prescriber Name
- Visit Type
- Encounter No
- Actual Visit Date
- Order Status
- Home Leave

STEP 2

Click on the  button to search patient

STEP 3

Double click on the selected patient

Note

- Once double click on patient system will pop up message to declare allergy for the patient as shown in Figure 3.1.1-2

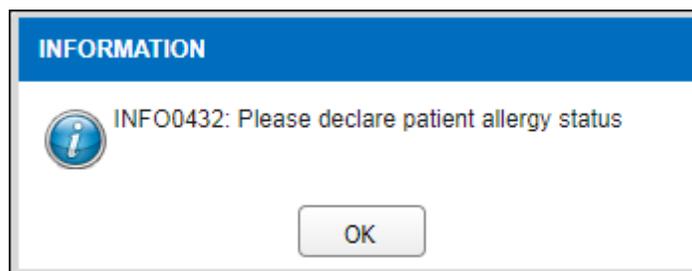


Figure 3.1.1-2 Information Message

- Patient allergy alert message will appear only for patient with allergy status = 'Need to be assessed'

MEDICATION ORDER

X

ADAM BIN JONI	Mykad <small>(Identification No. Placeholder)</small>	Age 44 Years 06 Months 12 Days	Gender Male
Address	Phone And Email	Diagnosis	Allergy: Need To Be Assessed
Height <input type="text"/> cm Weight <input type="text"/> kg BMI/BSA 0/0 m ² G6PD Deficiency <input type="checkbox"/>		Update (Last Updated :) Nationality : Warganegara	

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

 Encounter No: 0001 Actual Admission Date: 10/11/2022 Attending Practitioner: Visit Location: WAD 9 (MED - L) Prescriber Dept.: Pensioner -SELECT- Update

INFUSION DRUG DETAILS

- Patient Diagnosis
- Allergy
- Adverse Drug Reaction
- Nutritional Assessment
- Normal Order
- Infusion Order 4
- Parenteral Nutrition
- Cytotoxic Drug Reconstitution
- Therapeutic Drug Monitoring
- Radiopharmaceuticals
- View MAR
- Referral Visit

IV Admixture

Inotrope Rx

Drug	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Admin Route	<input type="text"/>				
Dosage	<input type="text" value="0"/>	<input type="text"/>			
Frequency	<input type="text"/>				
Duration	<input type="text" value="0"/>	<input type="text"/>			
Start Date	<input type="text"/>	<input type="text"/>			
End Date	<input type="text"/>	<input type="text"/>			
Drug Remarks	<input style="width: 100%;" type="text"/>				

+ Add
Update
Clear

PRESCRIPTION

New Prescription
Save
Delete

Selection	Drug	Order Detail	Order Qty	Start Date	End Date
1					

Figure 3.1.1-3 Infusion Order Screen

STEP 4

Click on the Infusion Order button to place order for iv admixture or inotrope rx

STEP 5

Click on the button to search drugs

Drug/Active Ingredient Search

Drug/Active Ingredient/Trade Name

Search

<< 1 / 12 >>
[1 - 10 / 114]

Dosage Form	Drug Name	Active Ingredient	Category
Powder for IV Soln	Alteplase 50mg/50ml Powder for Injection (rTPA)	Alteplase	A
Parenteral Solution	Cefepime 1g Inj	Cefepime	A*
Parenteral Solution	Cefazolin 1g Inj	Cefazolin	A
Parenteral Solution	Cefoperazone 500mg + Sulbactam 500mg Inj	Cefoperazone+ sulbactam	A
Parenteral Solution	Cloxacillin 500mg Inj	Cloxacillin	B
Parenteral Solution	Cefoperazone 1g Inj	Cefoperazone	A
Parenteral Solution	Azithromycin 500mg Injection	Azithromycin	A*
Parenteral Solution	Acetazolamide 500mg Inj	Acetazolamide	B
Parenteral Solution	Granisetron HCl 3mg/3ml Injection	Granisetron	A
Parenteral Solution	Calcitonin (synthetic Salmon) 100 IU Injection	Calcitonin	A*

Figure 3.1.1-4 Search Drug List

STEP 6

Enter the keyword of **Drug/Active Ingredient/Trade Name** and click on  the button

Note

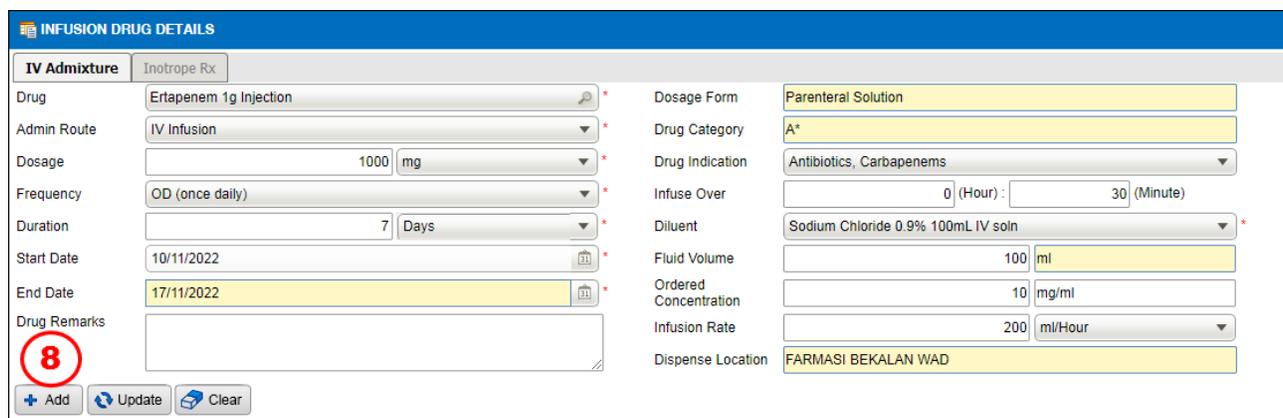
After click on the  button, list of drug will be appeared as per Figure 3.1.1-4.

STEP 7

Double click on the selected drug name

Note

- **End Date/Time** will be defaulted by system according to duration.
- **Information in Infusion Drug Details under IV Admixture** screen will be automatically displayed based on master setup.
- **Infusion Rate = Fluid Volume/ Infuse Over.**
- **Ordered Concentration = Dosage/ Fluid Volume.**



INFUSION DRUG DETAILS

IV Admixture: Inotrope Rx

Drug: Ertapenem 1g Injection *

Admin Route: IV Infusion *

Dosage: 1000 mg *

Frequency: OD (once daily) *

Duration: 7 Days *

Start Date: 10/11/2022 *

End Date: 17/11/2022 *

Drug Remarks: 8

Dosage Form: Parenteral Solution

Drug Category: A*

Drug Indication: Antibiotics, Carbapenems

Infuse Over: 0 (Hour) : 30 (Minute)

Diluent: Sodium Chloride 0.9% 100mL IV soln *

Fluid Volume: 100 ml

Ordered Concentration: 10 mg/ml

Infusion Rate: 200 ml/Hour

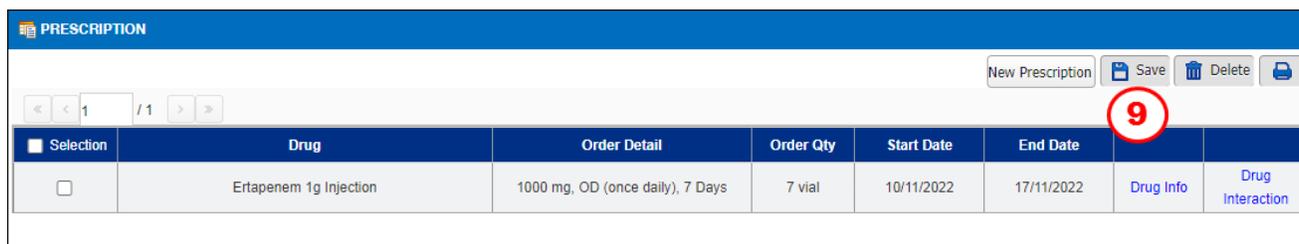
Dispense Location: FARMASI BEKALAN WAD

+ Add Update Clear

Figure 3.1.1-5 Infusion Order Screen

STEP 8

Click on the  button to add on prescription list



PRESCRIPTION

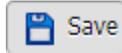
New Prescription Save Delete Print

1 / 1

Selection	Drug	Order Detail	Order Qty	Start Date	End Date	Drug Info	Drug Interaction
<input type="checkbox"/>	Ertapenem 1g Injection	1000 mg, OD (once daily), 7 Days	7 vial	10/11/2022	17/11/2022	9 Drug Info	Drug Interaction

Figure 3.1.1-6 Infusion Prescription List

STEP 9

Click on the  button to save the prescription

Note

To add and save another drug on prescription list repeat **step 5 to 9**.

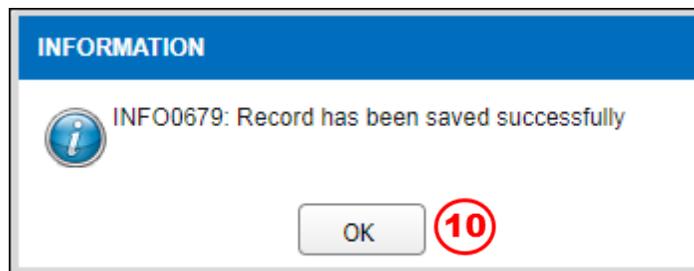


Figure 3.1.1-7 Infusion Prescription Message Information

STEP 10

Click on the  button

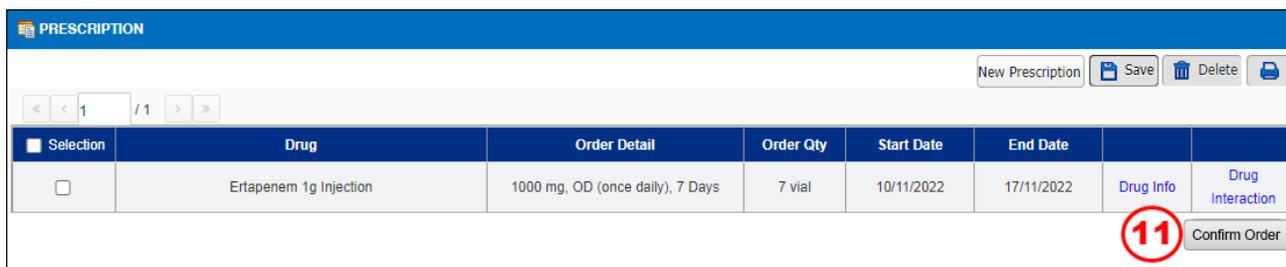


Figure 3.1.1-8 Infusion Prescription List

STEP 11

Click on the  button to proceed with the order confirmation

Note

- Medication Information Management System (MIMS) will alert if there is any drug interaction.
- Authorisation alert will appear if drug requires authorisation.
- Click on the Drug Info hyperlink to view the drug details.
- Click on the  button to print prescription.

3.1.2 Inotrope Rx

Drugs which are defined as Inotrope Order Application in Drug Master (IV Characteristics) will display in the Inotrope RX Order

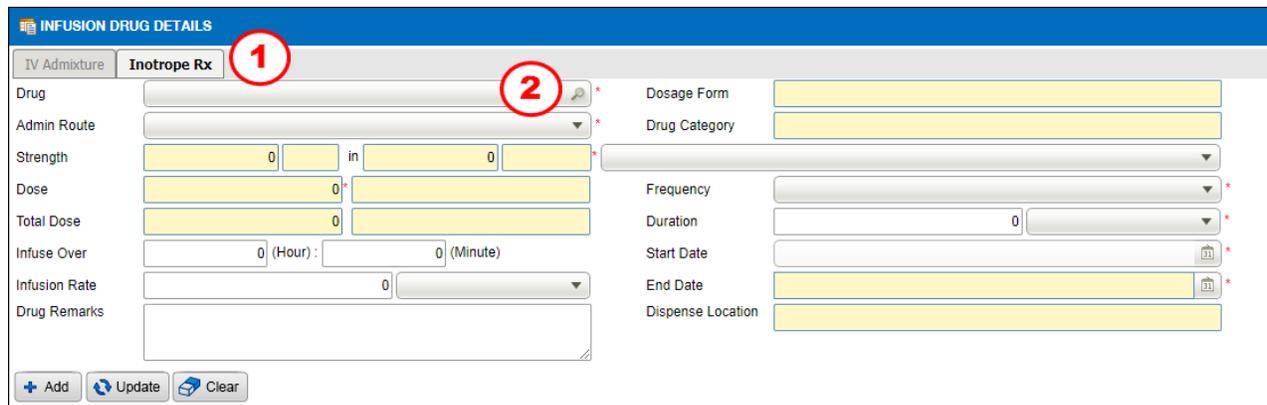


Figure 3.1.2-1 Inotrope Rx Order Screen

Note

Repeat IV Admixture order, follow Step 1 to 4.

STEP 1

Click on the **Inotrope Rx** tab

STEP 2

Select drug by clicking the search  button

Drug/Active Ingredient Search

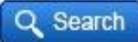
Drug/Active Ingredient/Trade Name

<< < 1 / 2 > >> [1 - 10 / 11]

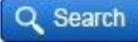
Dosage Form	Drug Name	Active Ingredient	Category
Parenteral Solution	Adrenaline Acid Tartrate 1mg/ml Injection	Adrenaline (Epinephrine)	B
Parenteral Solution	Dopamine 40 mg / ml in 5 ml Injection (200mg/5ml)	Dopamine	B
Parenteral Solution	Midazolam 5 mg/ml Injection	Midazolam	A
Parenteral Solution	Noradrenaline Acid Tartrate 4 mg/4 ml Injection	Noradrenaline (Norepinephrine)	A
Parenteral Solution	Fentanyl Citrate 50mcg/ml Injection (2ml)	Fentanyl	A
Parenteral Solution	Salbutamol 5mg/5ml Injection	Salbutamol	A*
Parenteral Solution	Morphine Sulphate 10 mg/ml Injection	Morphine	B
Parenteral Solution	Propofol 1% Injection (200mg/20ml Vial)	Propofol	A*
Parenteral Solution	Dobutamine 12.5mg/ml in 20ml Injection (250mg/20ml)	Dobutamine	A
Parenteral Solution	Milrinone Lactate 10mg/10ml Injection	Milrinone	Non-FUKKM

Figure 3.1.2-2 Inotrope RX Order Screen with Search Drug List

STEP 3

Enter the keyword of **Drug/Active Ingredient/Trade Name** and click on the  button

Note

After click on the  button, list of drug will be appeared as per Figure 3.1.2-2.

STEP 4

Double click on the selected drug name

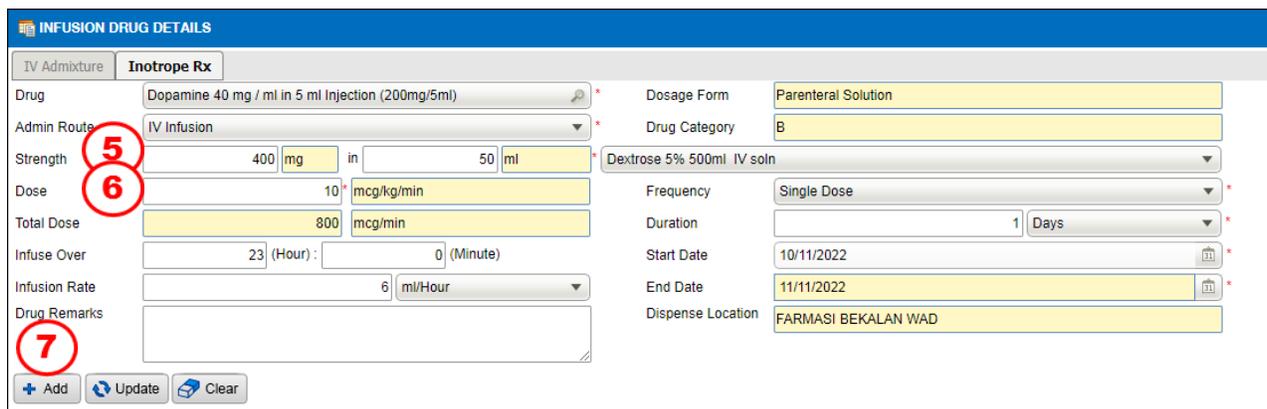


Figure 3.1.2-3 Inotrope Rx Order Screen

STEP 5

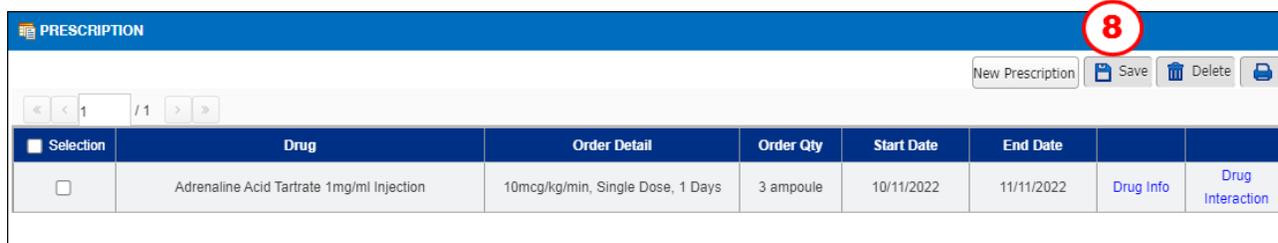
Enter the strength of preparation e.g.400mg in 50ml

STEP 6

Enter the dose required in mcg/kg/min

STEP 7

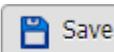
Click on the  button to add on prescription list



Selection	Drug	Order Detail	Order Qty	Start Date	End Date	Drug Info	Drug Interaction
<input type="checkbox"/>	Adrenaline Acid Tartrate 1mg/ml Injection	10mcg/kg/min, Single Dose, 1 Days	3 ampoule	10/11/2022	11/11/2022	Drug Info	Drug Interaction

Figure 3.1.2-4 Inotrope Prescription List

STEP 8

Click on the  button to save the prescription

Note

To add and save another drug on prescription list repeat **step 2 to 8**.

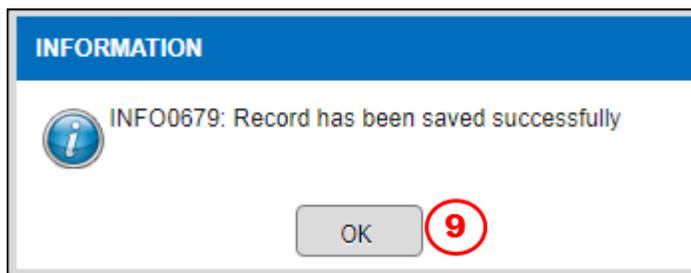


Figure 3.1.2-5 Inotrope Prescription Message Information

STEP 9

Click on the  button

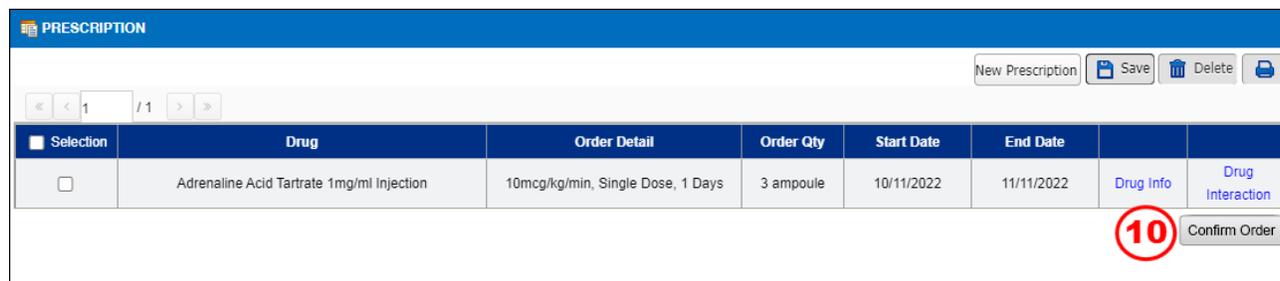


Figure 3.1.2-6 Inotrope Prescription List

STEP 10

Click on the  button to proceed with the order confirmation

Note

- Monthly Index for Medical Speciality (MIMS) will alert if there is any drug interaction.
- Authorisation alert will appear if drug requires authorisation.
- Click on the Drug Info hyperlink to view the drug details.
- Click on the  button to print prescription.

3.2 Manage Prescription

Prescriber is allowed to manage order after it is confirmed.

3.2.1 Modify Order

Prescriber is allowed to modify Dosage, Frequency Duration and Counseling Indication if the **Order Status** is ordered.

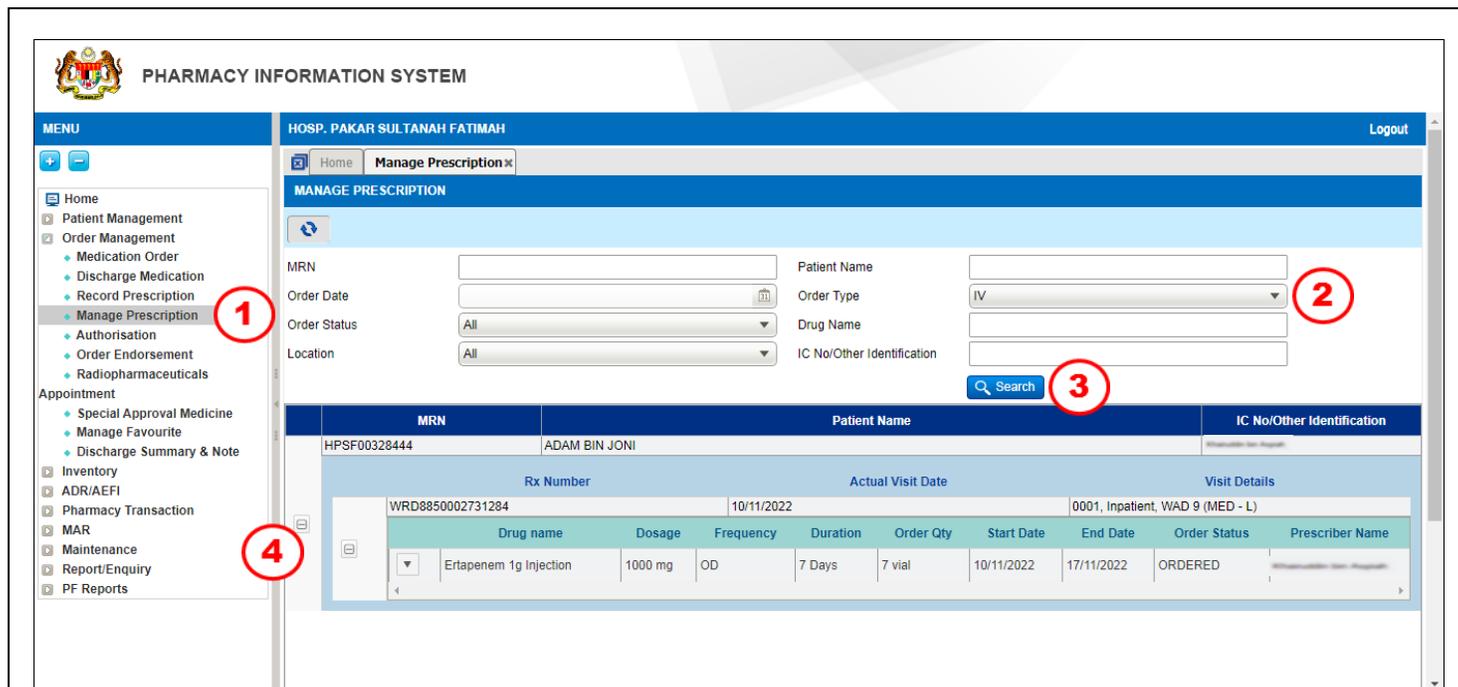


Figure 3.2.1-1 Manage Prescription Screen

STEP 1

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

Note

- On this listing page, 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"> Scan the MRN using barcode scanner. Type the MRN either in full or partially:. <i>Example : HPSF00001234 or "1234"</i>
b	Order Date	Order date	Allow to search by ordered date
c	IC No/Other Identification	IC No/Other Identification	Able to search patient based on MYKAD/MYKID and others identification.
d	Order Status	According to Order in which stage	Able to filter by order status
e	Location	Patient visit location	Able to filter and search patient name by visit location
f	Patient Name	Patient Name	Allow to search by patient name
g	Order Type	- Normal - CDR - IV - PN	Allow to search by order type

		- Radiopharmaceuticals	
h	Drug Name	Drug Name	Allow to search by full or partial drug name

Table 3.2.1-1

- Search results of patient record list will display:
 - MRN
 - Patient Name
 - IC No/Other Identification
 - RX Number
 - Actual Visit Date
 - Visit Details
 - Drug Name
 - Dosage
 - Frequency
 - Duration
 - Order Quantity
 - Start Date
 - End Date
 - Order Status
 - Prescriber Name

STEP 2

Select **Order Type** as **IV**

STEP 3

Click on the  button to search patient

STEP 4

Click on  button to view selected patient's prescription

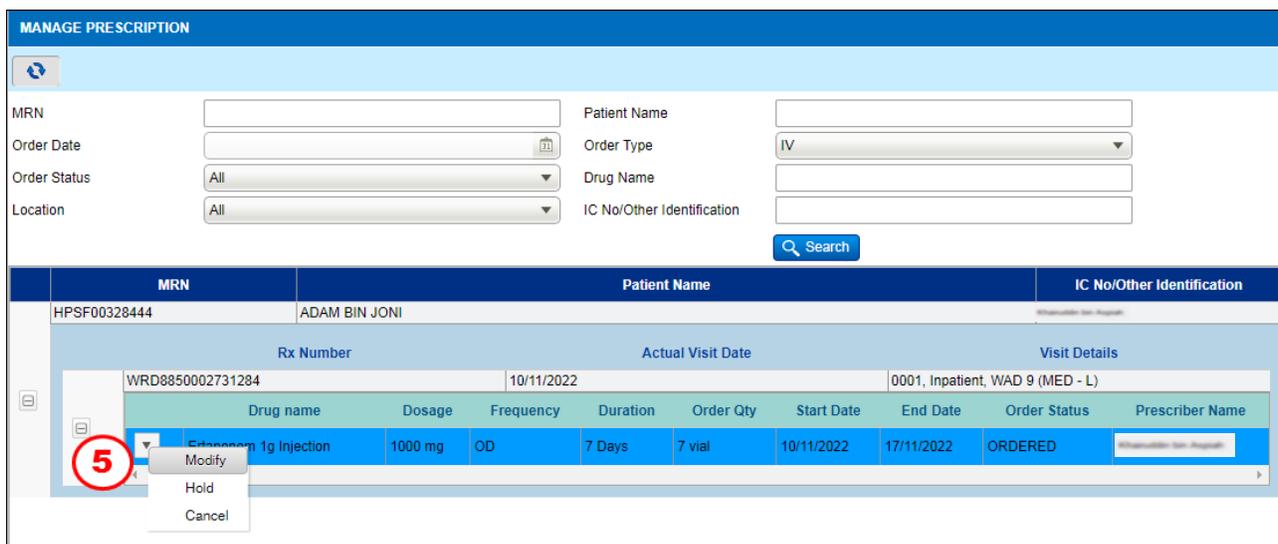
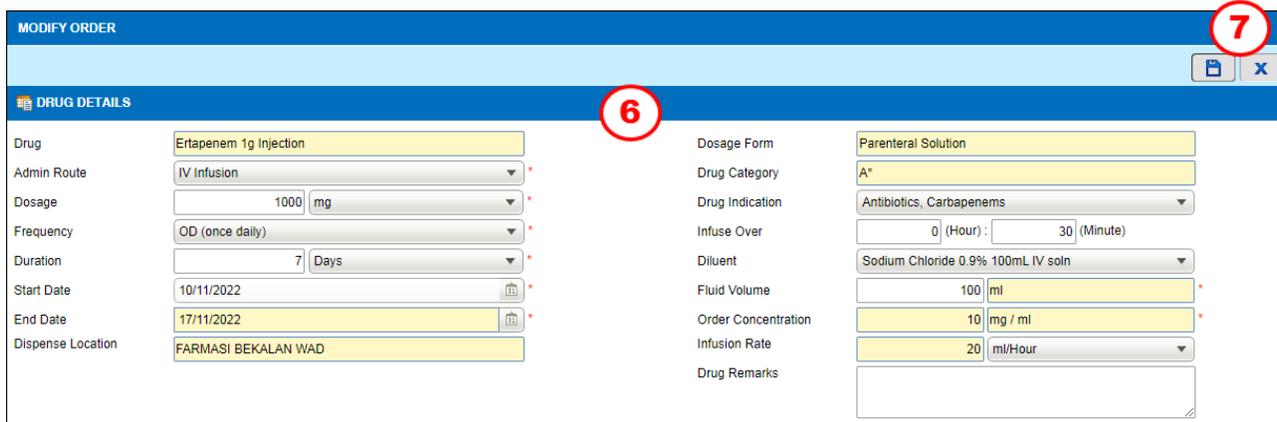


Figure 3.2.1-2 Manage Prescription Screen

STEP 5

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



MODIFY ORDER	
DRUG DETAILS	
Drug	Ertapenem 1g Injection
Admin Route	IV Infusion
Dosage	1000 mg
Frequency	OD (once daily)
Duration	7 Days
Start Date	10/11/2022
End Date	17/11/2022
Dispense Location	FARMASI BEKALAN WAD
Dosage Form	Parenteral Solution
Drug Category	A*
Drug Indication	Antibiotics, Carbapenems
Infuse Over	0 (Hour) : 30 (Minute)
Diluent	Sodium Chloride 0.9% 100mL IV soln
Fluid Volume	100 ml
Order Concentration	10 mg / ml
Infusion Rate	20 ml/Hour
Drug Remarks	

Figure 3.2.1-3 Manage Prescription

STEP 6

Change the drug details as required like shown in Figure 3.2.1-3

Note

Prescriber is allowed to change the drug details as below:

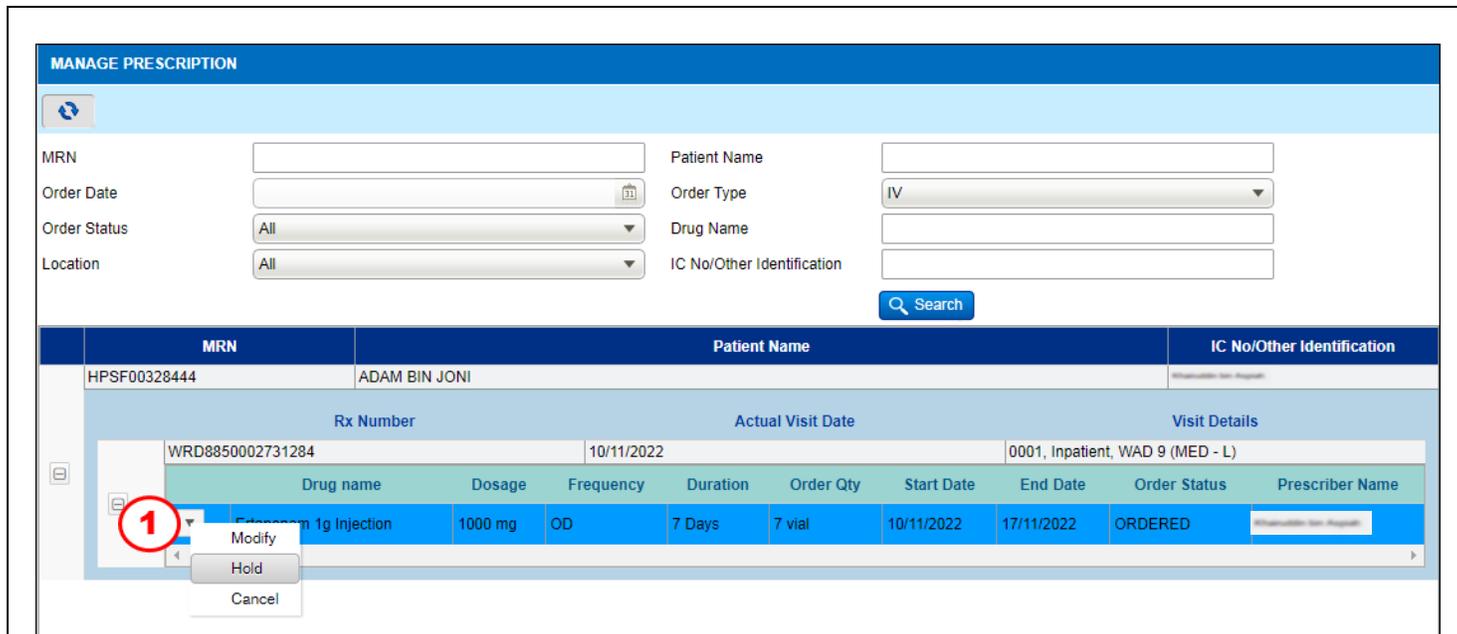
- Admin Route
- Dosage
- Frequency
- Duration
- Start Date/Time
- Drug Indication
- Infuse Over
- Diluent
- Fluid Volume
- Infusion Rate UOM

STEP 7

Click on the  button to save and  button to close

3.2.2 Resume/Hold Order

Prescriber is allowed to hold medication order from being administered or dispensed to the patient; and is able to resume the hold order to continue medication order.



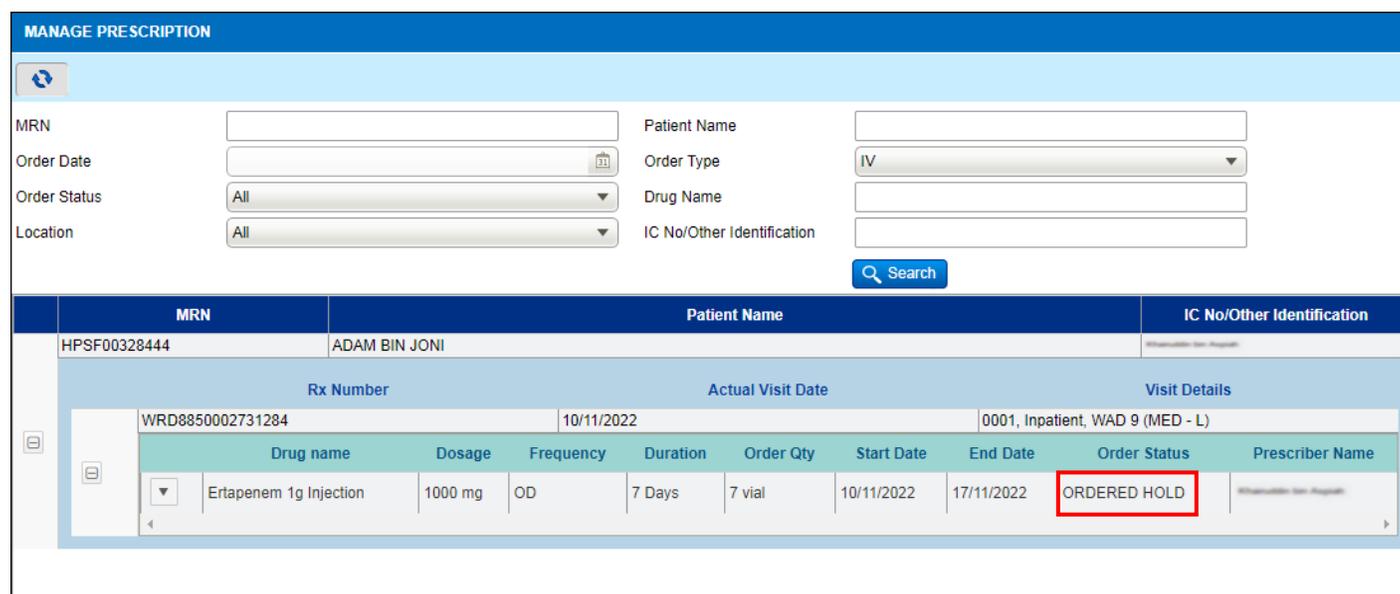
The screenshot shows the 'MANAGE PRESCRIPTION' interface. At the top, there are search filters for MRN, Patient Name, Order Date, Order Status, Location, Order Type, Drug Name, and IC No/Other Identification. Below these is a search button. The main table displays prescription details for patient ADAM BIN JONI (MRN: HPSF00328444). A specific prescription is highlighted with a red circle and the number '1', and a context menu is open over it with 'Hold' selected. The menu options are 'Modify', 'Hold', and 'Cancel'.

MRN	Patient Name	IC No/Other Identification
HPSF00328444	ADAM BIN JONI	00000000000000000000

Rx Number	Actual Visit Date	Visit Details
WRD8850002731284	10/11/2022	0001, Inpatient, WAD 9 (MED - L)

Drug name	Dosage	Frequency	Duration	Order Qty	Start Date	End Date	Order Status	Prescriber Name
Ertapenem 1g Injection	1000 mg	OD	7 Days	7 vial	10/11/2022	17/11/2022	ORDERED	00000000000000000000

Figure 3.2.2-1 Manage Prescription Screen With Hold/Resume Menu



This screenshot shows the same 'MANAGE PRESCRIPTION' interface as Figure 3.2.2-1, but the 'ORDERED' status in the table has been updated to 'ORDERED HOLD', which is highlighted with a red box.

MRN	Patient Name	IC No/Other Identification
HPSF00328444	ADAM BIN JONI	00000000000000000000

Rx Number	Actual Visit Date	Visit Details
WRD8850002731284	10/11/2022	0001, Inpatient, WAD 9 (MED - L)

Drug name	Dosage	Frequency	Duration	Order Qty	Start Date	End Date	Order Status	Prescriber Name
Ertapenem 1g Injection	1000 mg	OD	7 Days	7 vial	10/11/2022	17/11/2022	ORDERED HOLD	00000000000000000000

Figure 3.2.2-2 Manage Prescription Screen With Hold Status

Note

To proceed with Hold/Resume medication order repeat Modify Order steps from **Step 1 to 4**

STEP 1

Right click on the  button and select **Hold** or **Resume**

Hold Medication Order

- Right click on the  button and select **Hold**

Resume Medication Order

- Right click on the  button and select **Resume**

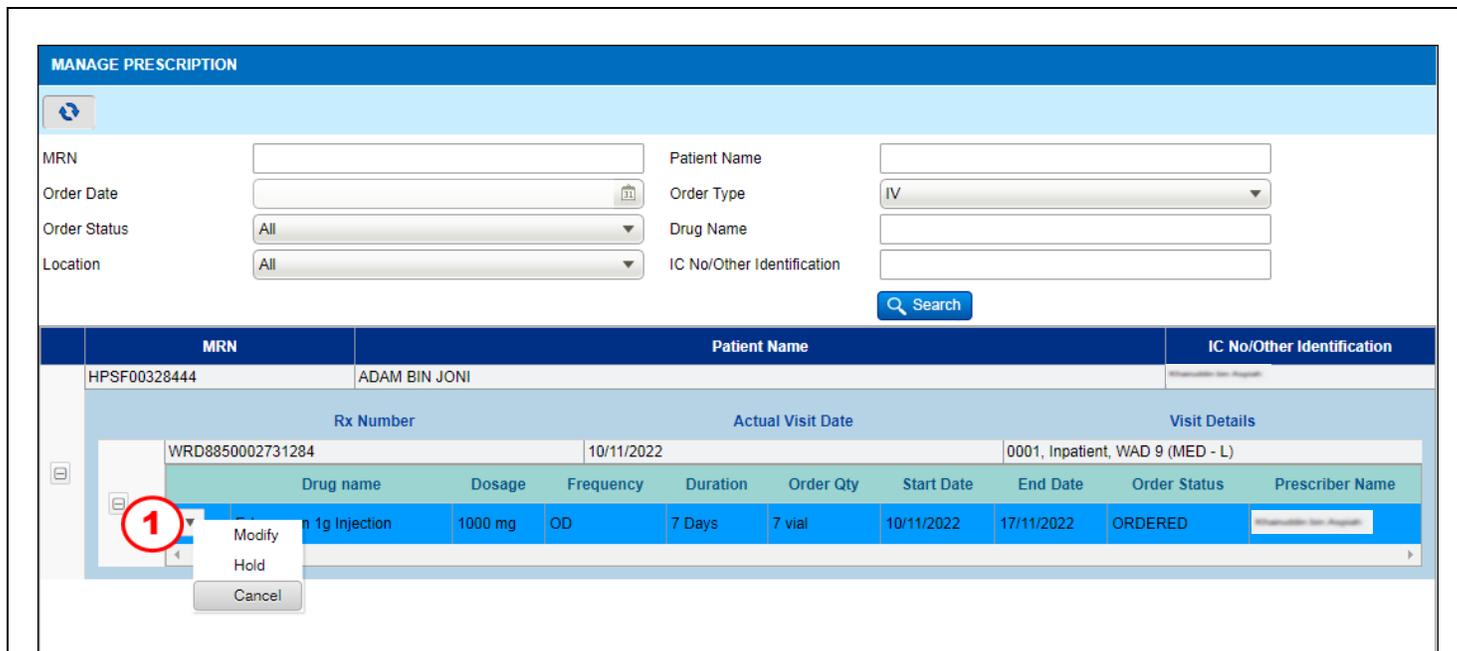
Note

Order status will be changed according to the current Order Status followed by 'Hold'.

*Example : **ORDERED HOLD***

3.2.3 Cancel/Stop Order

Prescriber is allowed to cancel or stop the prescribed medication order from being administered or dispensed.



MANAGE PRESCRIPTION

MRN: Patient Name:
 Order Date: Order Type: IV
 Order Status: All Drug Name:
 Location: All IC No/Other Identification:

MRN	Patient Name	IC No/Other Identification
HPSF00328444	ADAM BIN JONI	

Rx Number	Actual Visit Date	Visit Details
WRD8850002731284	10/11/2022	0001, Inpatient, WAD 9 (MED - L)

Drug name	Dosage	Frequency	Duration	Order Qty	Start Date	End Date	Order Status	Prescriber Name
1g Injection	1000 mg	OD	7 Days	7 vial	10/11/2022	17/11/2022	ORDERED	

Context Menu: Modify, Hold, **Cancel**

Figure 3.2.3-1 Manage Prescription Screen with Cancel/Stop Menu

Note

To proceed with cancel or stop medication order, repeat Modify Order steps from **Step 1** to **4**.

STEP 1

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

Cancel Medication Order

- Right click on the button and select **Cancel** from context menu

Enter **Cancel Reason** as per Figure 3.2.3-2

Click on the save button to save the order cancellation

Stop Medication Order

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

MANAGE PRESCRIPTION

↻

MRN

Order Date

Order Status

Location

Patient Name

Order Type

Drug Name

IC No/Other Identification

MRN	Patient Name
HPSF00328444	ADAM BIN JONI

IC No/Other Identification
WAD 9 (MED - L)

Rx Number	
WRD8850002731284	10/11/2022

Visit Details	
WAD 9 (MED - L)	Order Status
	Prescriber Name

Drug name	Dosage	Frequency	Start Date	End Date	Order Status	Prescriber Name
▼ Ertapenem 1g Injection	1000 mg	OD	7 Days	7 vial	10/11/2022	17/11/2022
					ORDERED	

CANCEL REASON

Save
X

Figure 3.2.3-2 Manage Prescription Screen with Cancel/Stop Reason Box

3.3 Order Endorsement

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

Figure 3.3-1 Order Endorsement Screen

STEP 1

Click on the '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 prescriber name
B	Order Location	Patient visit location	Able to filter and search patient name by visit location
C	Order Type	- Normal - CDR - IV - PN - Radiopharmaceuticals	Allow to search by order type

Table 3.3-1

- Search results of patient record list will display:
 - Selection
 - Order No
 - MRN
 - Patient Name
 - Order Location
 - Drug Name
 - Order Details
 - Order Date
 - Order By

- Status

STEP 2

Select **Order Type** as **IV** and click on the  button to search patient

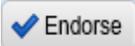
STEP 3

Select/tick checkbox on selected patient

Note

Multiple selections are allowed.

STEP 4

Click on the  button to proceed with endorsement

3.4 Authorisation

This function is used by specialist or authorised person to approve list A/A*/A/KK drug that requires authorisation.

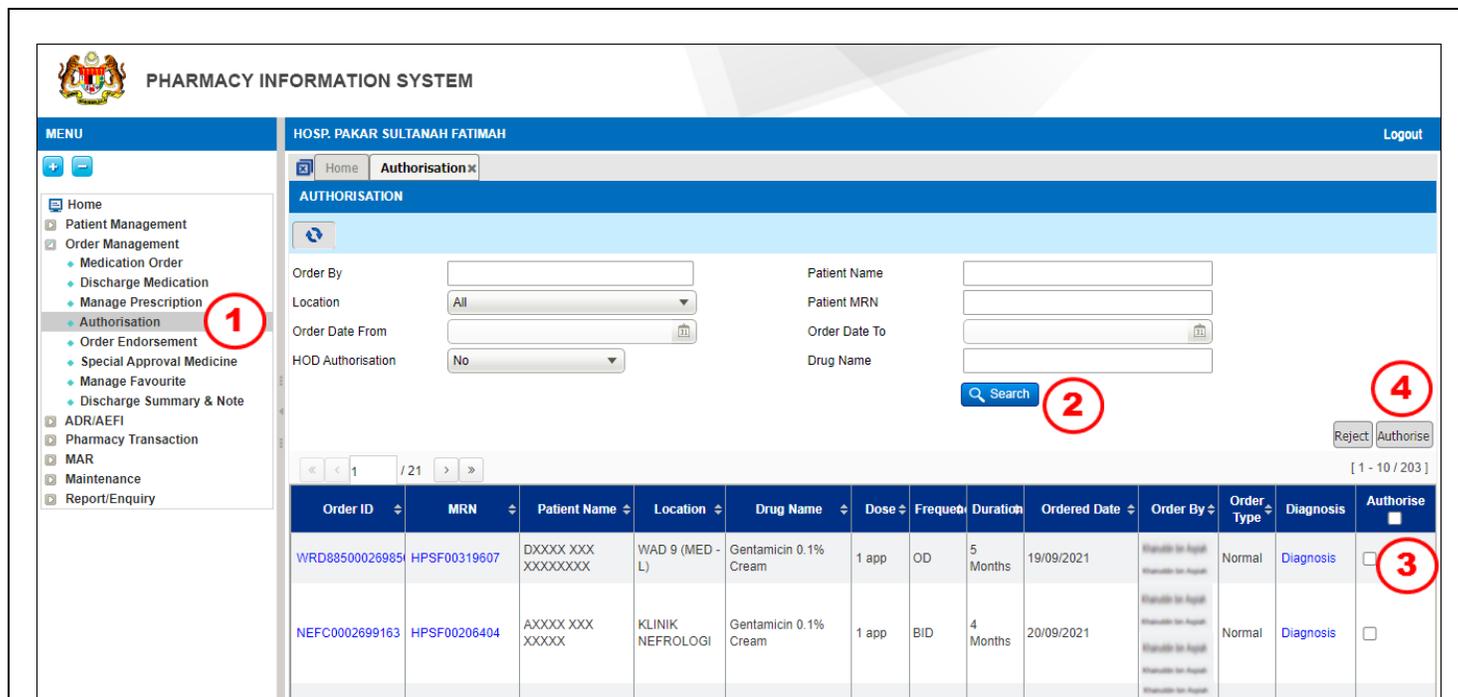


Figure 3.4-1 Order Authorisation Screen

STEP 1

Click on the 'Order Management' menu and follow by 'Authorisation' sub-menu

Note

- On this listing page, various Search Criteria is provided as bellow:

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

		- All - Yes - No	
h	Drug Name	Drug Name	Allow to search by drug name

Table 3.4-1

• *Search results of patient record list will display:*

- *Order ID*
- *MRN*
- *Patient Name*
- *Location*
- *Drug Name*
- *Dose*
- *Frequency*
- *Duration*
- *Ordered Date*
- *Order By*
- *Order Type*
- *Diagnosis*
- *Authorise*

STEP 2

Click on the  button to search patient

STEP 3

Select/tick checkbox on selected patient

STEP 4

Click on the  button to proceed with authorisation

Note

- *User may click/tick on the  checkbox to authorise all drugs on the list.*
- *User able to reject the authorisation list by click on  button*

4.0 Acronyms

Abbreviation	Definition
MOH	Ministry Of Health
PhIS	Pharmacy Information System
CPS	Clinical Pharmacy System
OM	Order Management
MRN	Medical Record Number
IV	Intravenous

5.0 Links to Clinical Modules

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