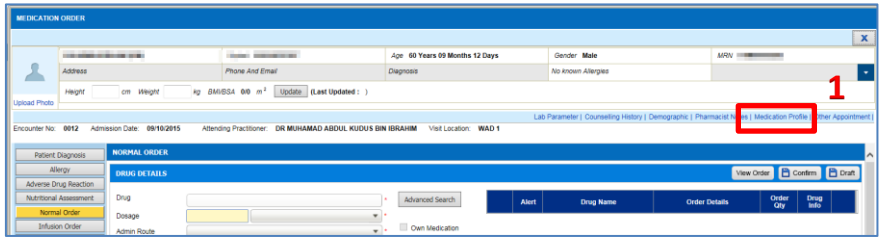
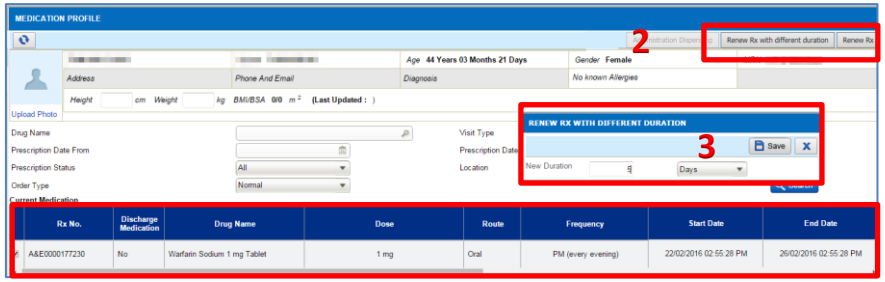
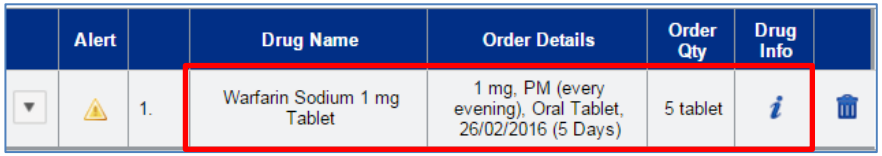
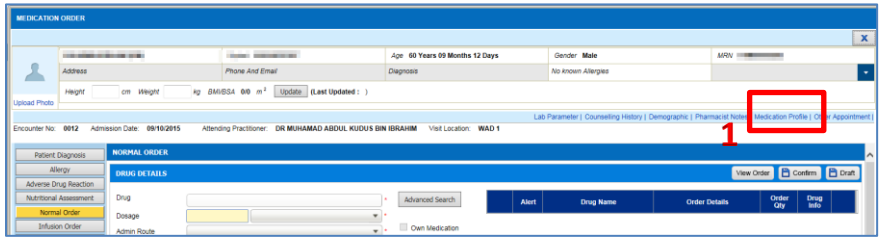
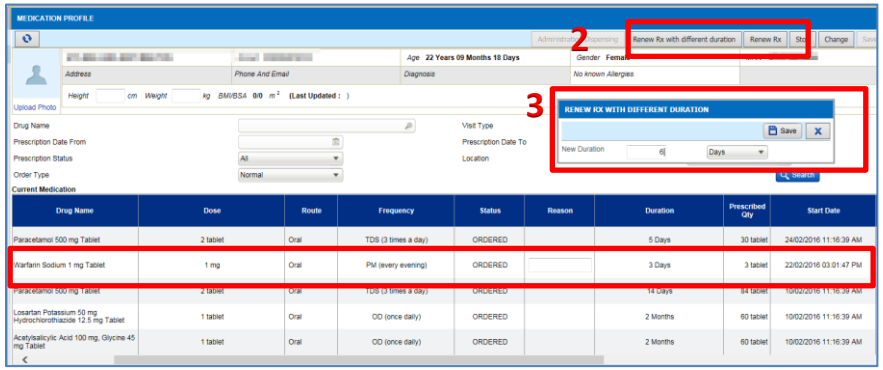
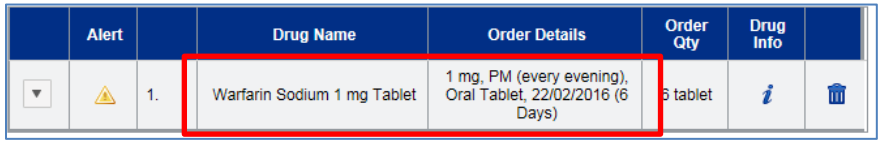
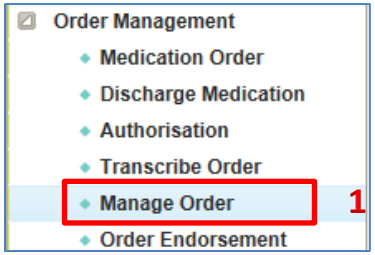
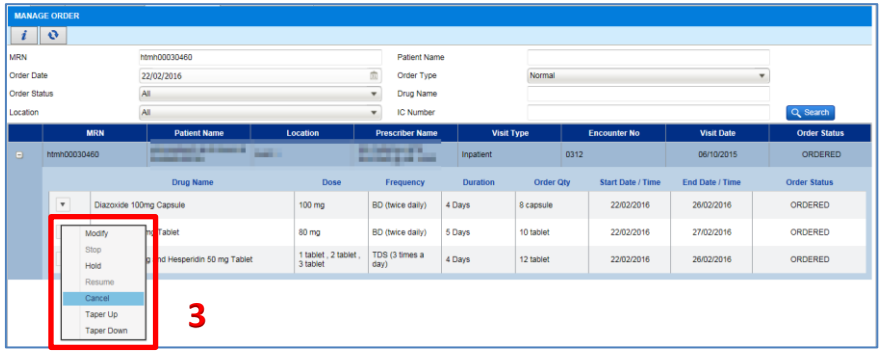
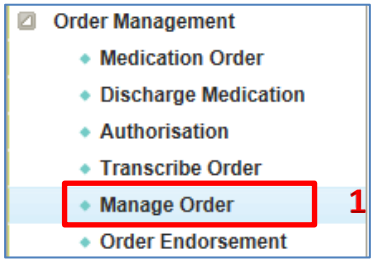
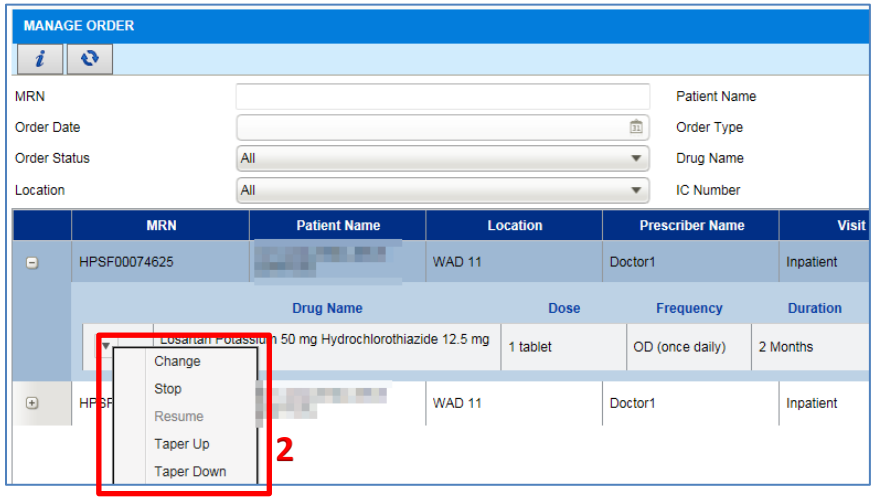
1. Summary of Ticket Number and Requests on Duplicate Drug Validation, Renew and Discharge Order

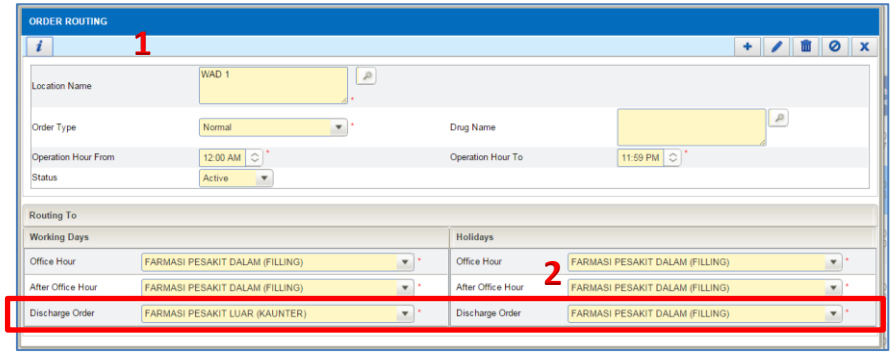
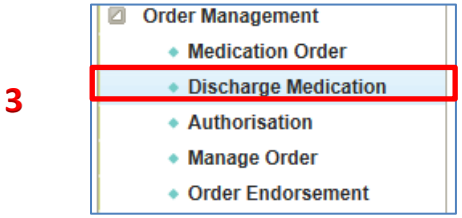
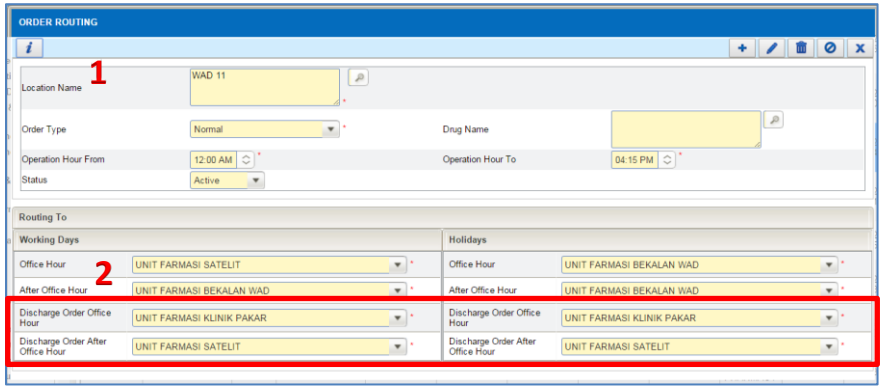
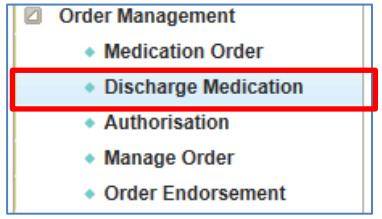
No.	Ticket #	Description	Requests	Proposed Solution
1.	I-PhIS012 607715S	**Medication order - Date not change automatically when renew RX** When Renew Rx, user request for the 'Start Date' to be defaulted to the current date	Start Date to take the default date when Renew RX (web and mobile).	1. When Renew RX, the start date will take the current date for drug with 'Allow duplicate order' flag = Yes. 2. Any duplicate drug during prescribe in ward, the following proposed solution: a. Stop existing Medication and prescribe new. 3. Validation of duplicate drug:- a. Validate across of all types of visit b. Validate across discharge order with other discharge order c. Excludes: i. Discharge medication against Inpatient/Emergency/Day care ii. Own medication iii. CDR and Radiopharmaceutical order 4. On new normal drug order duplication: a. Maintain as what current system have and support, i.e. stop the medication and re-prescribe by the doctor as discharge medication when patient is discharge 5. Allow doctor to renew Stopped OPD medication. 6. For Discharge order, user able to route the discharge patient to the assign location based on setting at discharge during office hour or discharge after office hour.
2.	I-PhIS012 156515S	**Order management Mobile - To group inpatient and outpatient visit.** Request to group active order for inpatient and outpatient in active medication list. User in ward confuse with active medication that currently available for outpatient and not in ward.	Validation on duplicate IP/OP to OP/IP drug and Renew on duplicate drug (mobile and web).	
3.	I-PhIS012 210515S	**Mobile Inpatient - Request nurse or Doctor must discharge patient.** User reported they find out that staff nurse did not perform discharge for patient. The patient who is already discharged is still in PHIS inpatient list. The problem, when the patient was readmitted, previous in-patient medication still in â€œActive Medication List. They suggest : 1. Staff nurse must do discharge for patient in PHIS, OR 2. Doctor who discharge patient, perform PHIS discharge at the same time(while printing for Discharge Medication).	Discharge order medication in Mobile	

No.	Ticket #	Description	Requests	Proposed Solution
4.	I-PhIS010796415S	**Order Routing – Emergency prescription flow to Outpatient Pharmacy** Emergency patient will take discharge medication at Outpatient Pharmacy only during office hours and should flow to Satellite Pharmacy after office hours. But for this issue, emergency patient prescription still flow to Outpatient Pharmacy after office hours. Already make order routing to Satellite Pharmacy after office hours. When do re-route order from IP to OP, system should not consider ward stock flag in OP screen.	When reroute order from Emergency to OP pharmacy, need to consider discharge during office hour and after office hour in Working Days and Holidays.	

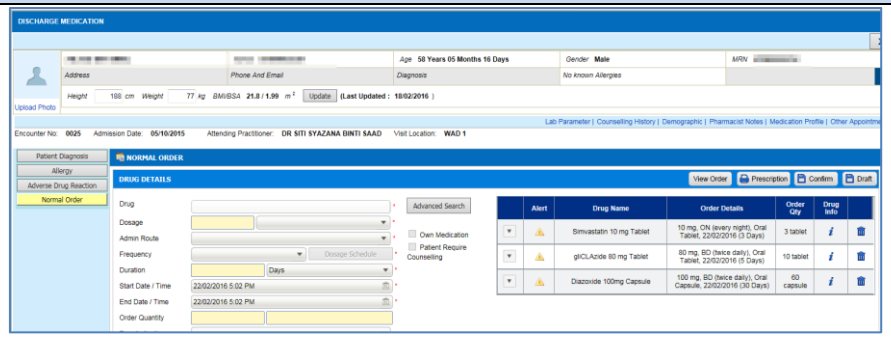
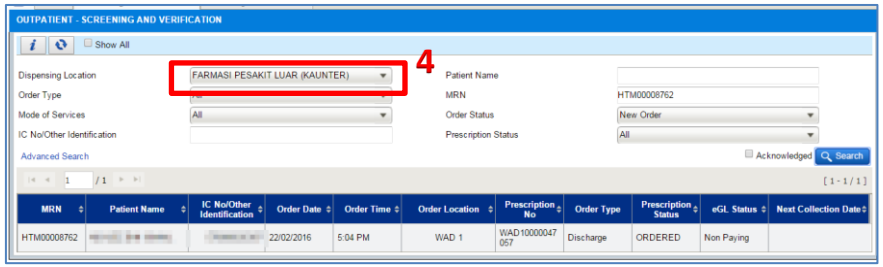
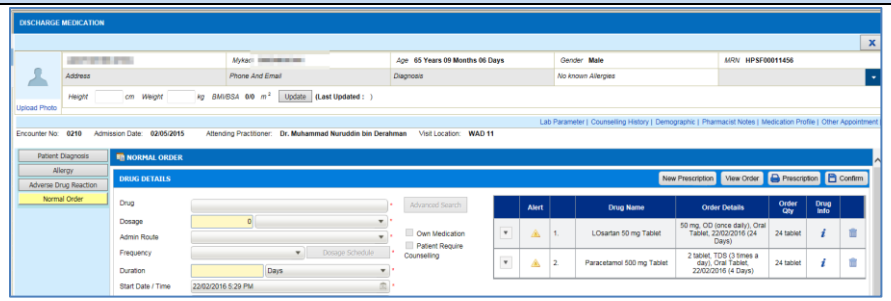
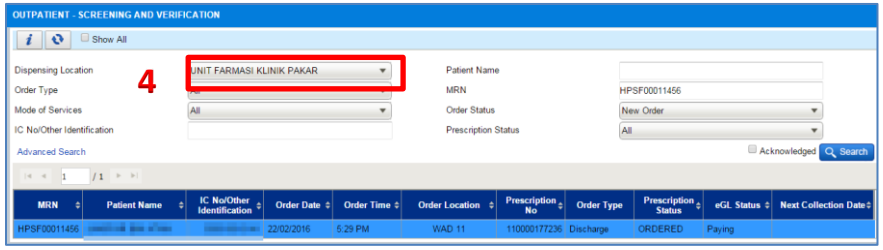
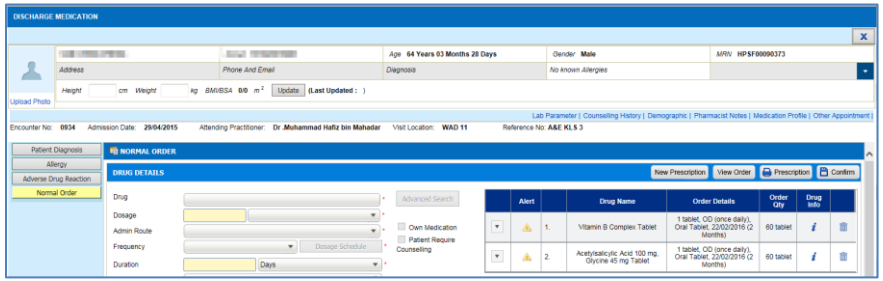
PhIS & CPS Project - Quick Guide For Order Management (Web)

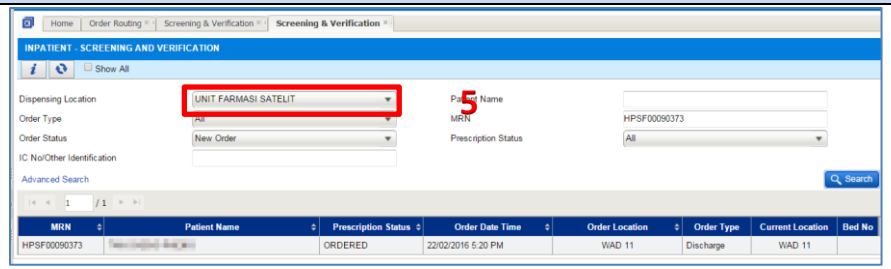
Function Flow	Current Version 1.3.8.4	New Version 1.4.1
1. Start Date to take the default date when Renew RX for allow duplicate drug.	• Go to Order Management>Medication Order> Medication Profile link. • Click on *Medication Profile (1)* link to open the screen.  • Medication Profile screen appear with current and medication drug list. • Tick record for renew. Choose drug record which allow for duplicate that going to expired few days later. • Click on *Renew RX or Renew with different duration(2)* button.  • Once change duration, click on *Save(3)* button. ○ End date for the drug was on 26/2/2016. • Record will be insert into draft list but it takes the **end date** as the start date for the renew drug. 	• Go to Order Management>Medication Order> Medication Profile link. • Click on *Medication Profile (1)* link to open the screen.  • Medication Profile screen appear with Current Medication drug list.  • Tick record for renew. Choose drug record which allow for duplicate that are going to expired few days later. • Click on *Renew with different duration(2)*, change the duration and then click on *Save(3)* button. ○ End date for the above drug was on 24/2/2016.  • Drug record will be insert into draft list with **current date** as the start date.

Function Flow	Current Version 1.3.8.4	New Version 1.4.1
2. Remove certain action functions in Manage Order	• Go to Order Management>*Manage Order(1).*  • Search patient by MRN Number or Patient Name. • Clik on patient name and record will appear, then click on the name to expand and see the drug list. • Right click on the *arrow (left)(2)* and menu will be displayed as below.  • There are many action function in Manage Order screen which consists of: ○ Modify ○ Stop ○ Hold	• Go to Order Management>*Manage Order(1).*  • Search patient by MRN Number or Patient Name. • Clik on patient name and record will appear, then click on the name to expand and see the drug list. • Right click on the *arrow (left)(2)* and new menu will be displayed as below. 

Function Flow	Current Version 1.3.8.4	New Version 1.4.1
	○ Resume ○ Cancel ○ Taper Up ○ Taper Down.	• There are left only few action function in Manage Order screen which consists of: ○ Change (previously known as Modify) ○ Stop (Stop and Cancel function combine in this) ○ Resume ○ Taper Up ○ Taper Down
3. Order routing for Discharge patient	• Go to Maintenance>*Order Routing screen(1)* • Check on the Order Routing for Ward 1.  • Discharge Order only have *1 dispense location(2).* • Go to Discharge Medication(3) menu.  • Then patient list appear. Choose any patient and make the discharge order.	• Go to Maintenance>*Order Routing screen(1)* • Check on the Order Routing for Ward 1.  • Discharge Order now have 2 *dispense location(2), during and after office hour.* • Go to *Discharge Medication(3)* menu.  • Then patient list appear. Choose any patient and make the discharge order. ○ Discharge Order during office hour

PhIS & CPS Project - Quick Guide For Order Management (Web)

Function Flow	Current Version 1.3.8.4	New Version 1.4.1
	 • Once confirm, record will go only to *Farmasi Pesakit Luar (4)* as stated in the Order Routing maintenance.  • There is no separate routing for Discharge Order After Office hour in this version.	 • Once confirm, record will go only to *Unit Farmasi Pakar (4)* as stated in the Order Routing maintenance if discharge during office hour.  ○ Discharge Order after office hour  • Once confirm, record will go to *Unit Farmasi Satelit (5)* as stated in the Order Routing maintenance.

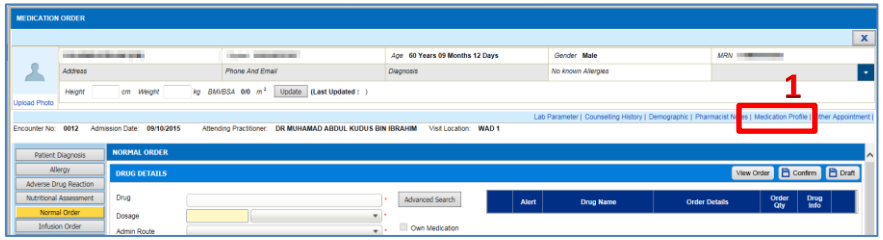
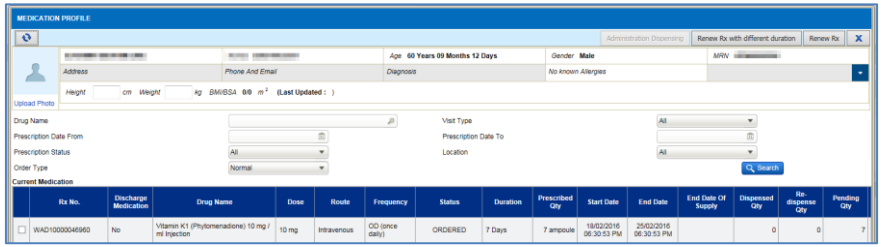
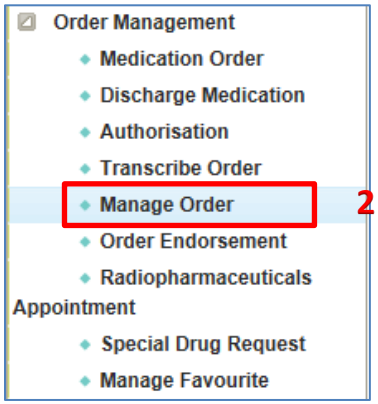
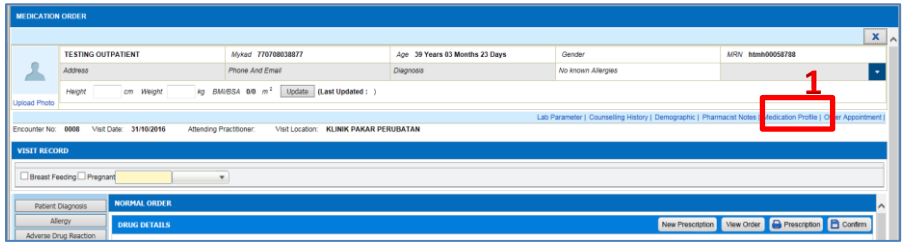
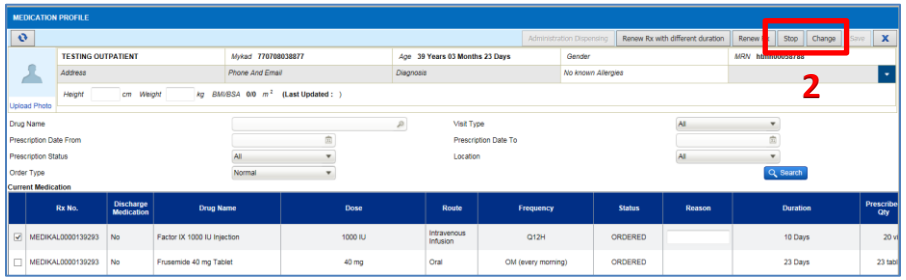
Function Flow	Current Version 1.3.8.4	New Version 1.4.1
		

2. Summary of Ticket Number and Requests on Stop Multiple Drug

No.	Ticket #	Description	Requests	Proposed Solution
1.	I-PhIS010780315S	**Medication Order - Normal - Modify order using 'Edit' button.** To edit order, instead of double click on the prescription list, suggest to add 'EDIT' button.	In mobile, too many action buttons to manage order. • Difficult to stop or cancel drug, have to do one by one • Unable to modify medication, need to stop the existing medication and create new medication	1. Changes on web: ➢ Enable user to have function Stop, Change and Renew in Medication Profile ➢ Minimize the work process when user wants to stop, modify and renew prescription ➢ In Manage Order, change the Modify button →Change button ➢ Remove Hold function and Cancel function in Manage Order 2. Reason for stop in Medication Profile is not mandatory and in Manage Order, when stop the drug, the reason box will also not mandatory. 3. Stop drug will be available for multiple selection and user are able to choose on which drug to stop, either IP or OP. 4. User be able to cancel or stop drug ordered even the drug status is uncollected or hold by pharmacist.
2.	I-PhIS012210315S	**Medication Order - Request to eliminate popup confirmation after confirm order.** User reported sometimes the doctor forget to click on "Confirm" Order button. This leads to unnecessary delay and need to key in again the medication. Suggest to eliminate Confirm Order or popup confirmation order.	In mobile, too many action buttons to manage order. • Difficult to stop or cancel drug, have to do one by one • Unable to modify medication, need to stop the existing medication and create new medication	
3.	I-PhIS012611215S	**Request when prescriber stop current order, to not stop all OP and IP medications** Request when prescriber stop current order, to not stop all OP and IP medications or different discipline medications. Currently, system stop all medication including other discipline orders.	Request when prescriber stop current order, to not stop all OP and IP medications or different discipline medications.	
4.	I-PhIS010716315S	**Dispensing - Hold medication.** User request when pharmacist hold drug, doctor can stop the drug from dispense. Currently when doctor need to stop the drug, the pharmacist need to unhold the drug before the doctor can stop the drug.	User request to stop drug which hold by pharmacist.	

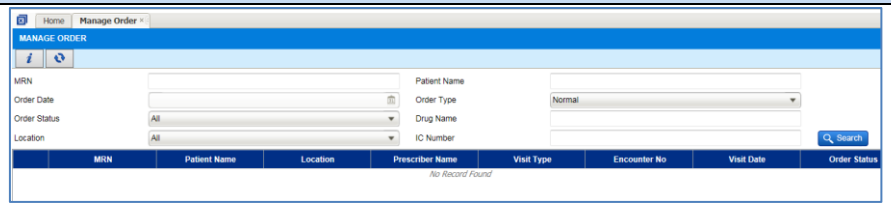
No.	Ticket #	Description	Requests	Proposed Solution
5.	I-PhIS008 294214S	**Manage Order-Request doctor should be able to cancel or stop drug ordered even the drug status is uncollected** Request doctor should be able to cancel or stop drug ordered even the drug status is uncollected. For pharmacist to do release batch before doctor can cancel or stop the drug is time consuming.	In Web, doctor should be able to cancel or stop drug ordered even the drug status is uncollected. Once stop, drug will be remove from dispensing list and update status in Medication Profile as Stop and appear in Past Medication.	
6.	I-PhIS008 57 2115S	**Manage Order: Request to no need put remarks as mandatory when stop/cancel order**. Request to, no need put remarks as mandatory when stop/cancel order.	In web, user need to go to Manage Order link to modify, stop or cancel drug order and used Medication Profile screen to Renew drugs. Request to, no need put remarks as mandatory when stop/cancel order.	
7.	I-PhIS008 722015S	**ORDER MANAGEMENT - Requested disable reason.** Requested disable reason.	User requested to disable reason to stop active drug.	
8.	I-PhIS008 72 2015S	**ORDER MANAGEMENT- Requested disable reason.** User requested to disable reason to stop active drug.	In web, user need to go to Manage Order link to modify, stop or cancel drug order and used Medication Profile screen to Renew drugs.	

PhIS & CPS Project - Quick Guide For Order Management (Web)

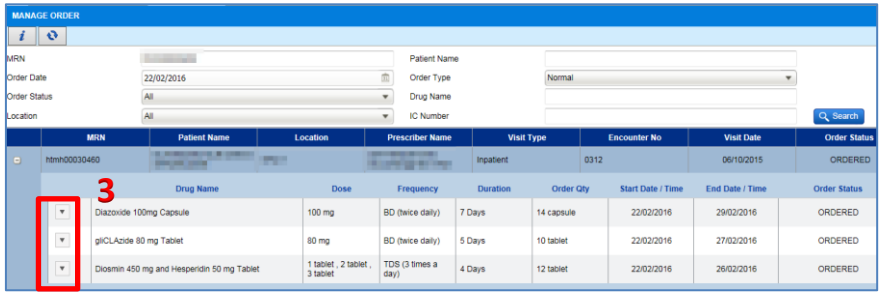
Function Flow	Current Version 1.3.8.4	New Version 1.4.1
1. Stop and Change function in Medication Profile	• Go to Order Management>Medication Order> Medication Profile link. • Click on *Medication Profile (1)* link to open the screen.  • Medication Profile screen appear but there was no button for Stop or Change here.  • To Stop or Modify (Change) drug order, go to Order Management>*Manage Order(2).*  	• Go to Order Management>Medication Order> Medication Profile link. • Click on *Medication Profile (1)* link to open the screen. • Medication Profile screen appear with button *Stop and Change(2)* as below.   • To Stop drug order, chose record in Current Medication by tick on the *checkbox(3).* • Then click on *Stop(2)* button above. • If the drug still active in current medication, *message(4)* below will appear which asking user to stop the previous order.

PhIS & CPS Project - Quick Guide For Order Management (Web)

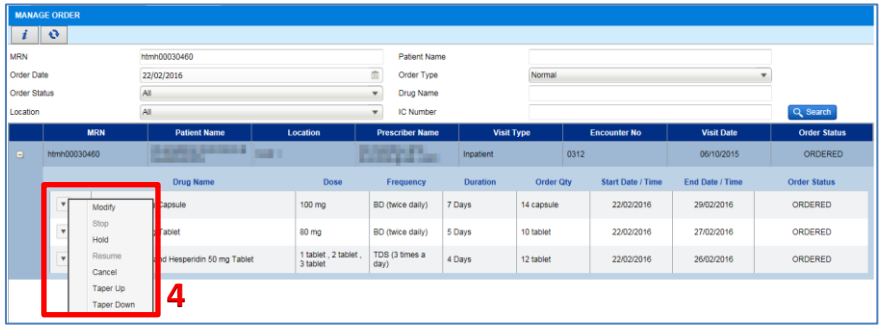
Function Flow	Current Version 1.3.8.4	New Version 1.4.1



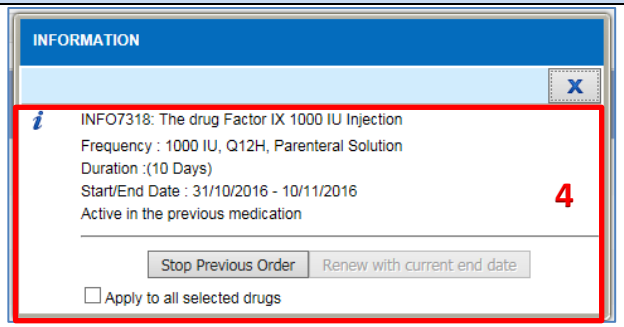
- Search patient by MRN Number or Patient Name.
- Clik on patient name and record will appear, then click on the name to expand and see the drug list.



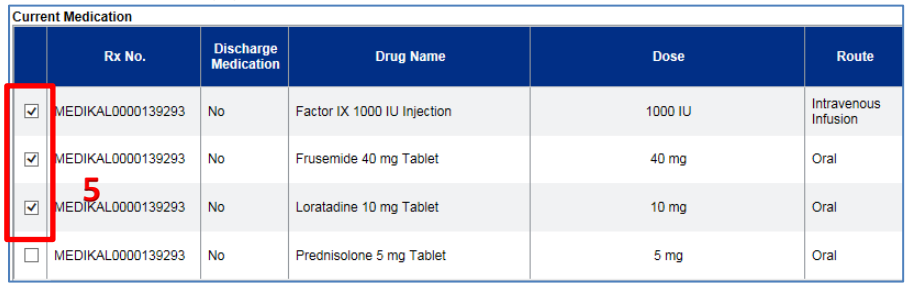
- Right click on the *arrow (left)(3)* and user able to do Modify and Stop.



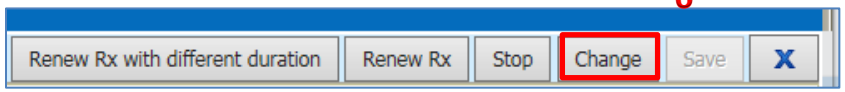
- Click on *Modify(4)* and pop up screen will appear.



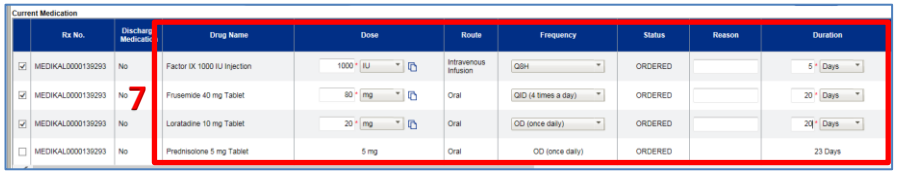
- To Change drug order, chose record in Current Medication by tick on the *checkbox(5).*



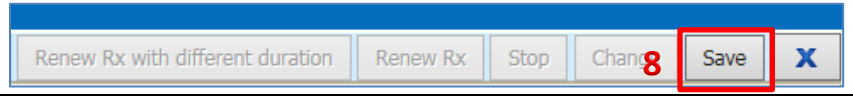
- Then click on Change(6) button.

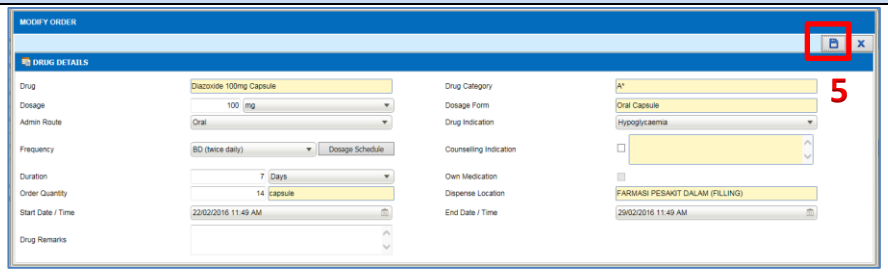
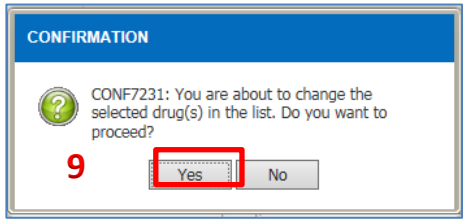
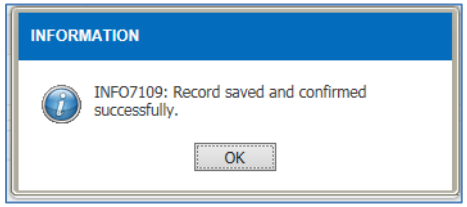
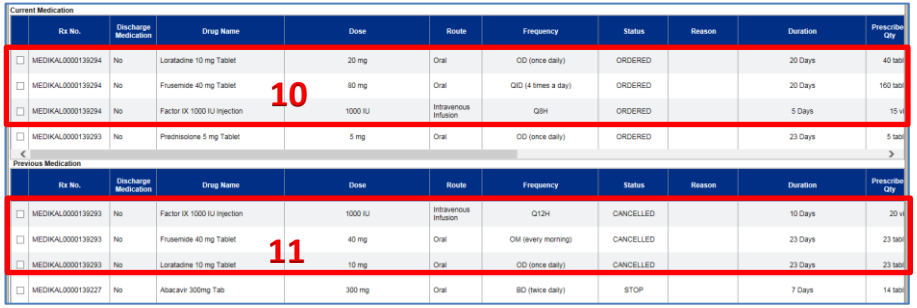


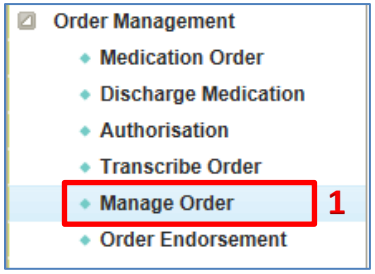
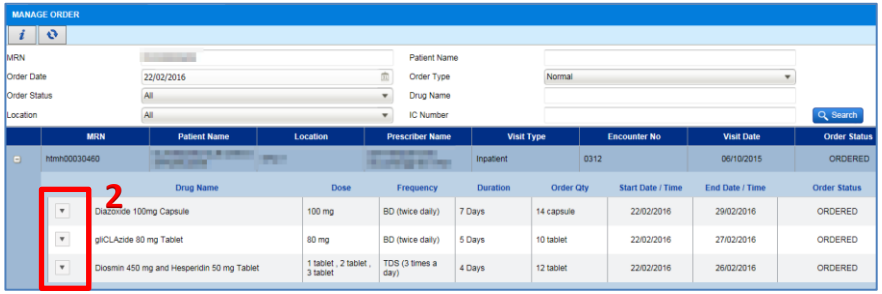
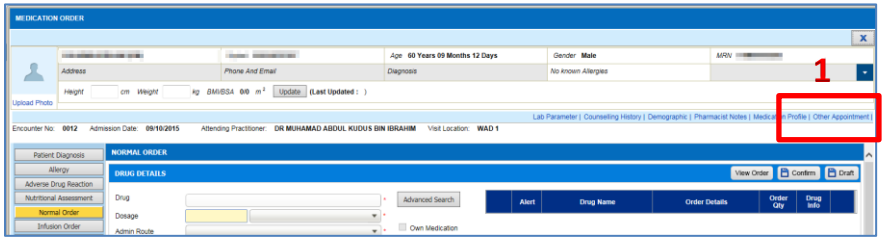
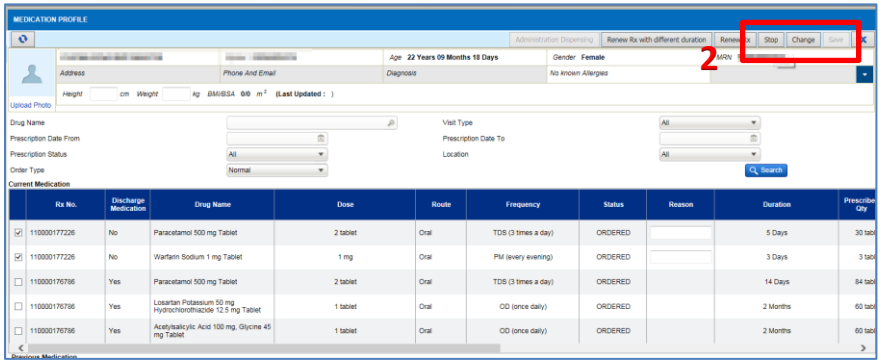
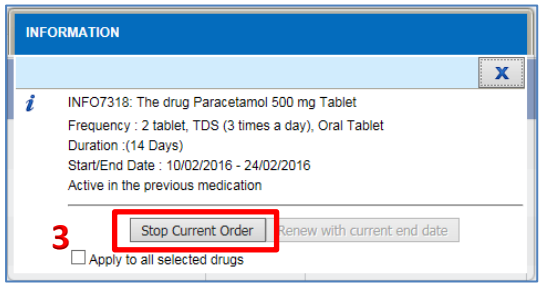
- Once click on it, the medication order screen will change into a tabular form as below.
- Change the *dosage, frequency and duration(7)* for the drugs as below.



- Once done, click on *Save(8)* button.

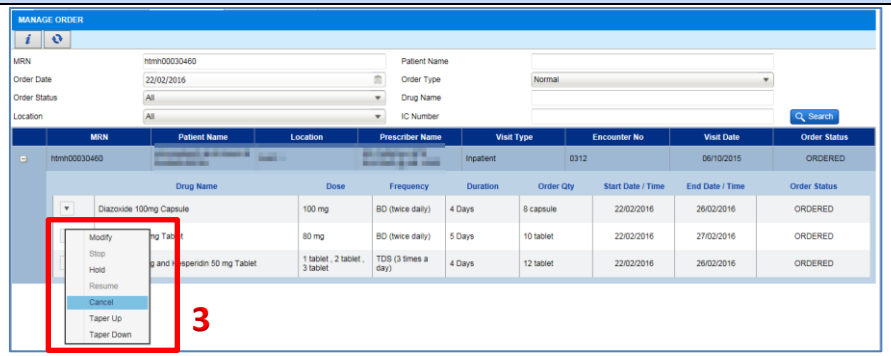


Function Flow	Current Version 1.3.8.4	New Version 1.4.1
	 • Once change the information, click on *Save(5)* and record will be updated.	• A message of confirmation will appear as below. Click on *Yes(9)* to proceed with the changes.  • On click of Yes, a confirmation message will appear as below. Click on OK button.  • Then newly changed drug information will be auto update directly into the *Current Medication profile list(10).* • The previous drug order will be automatically stopped and move to *Past Medication list (11).* 

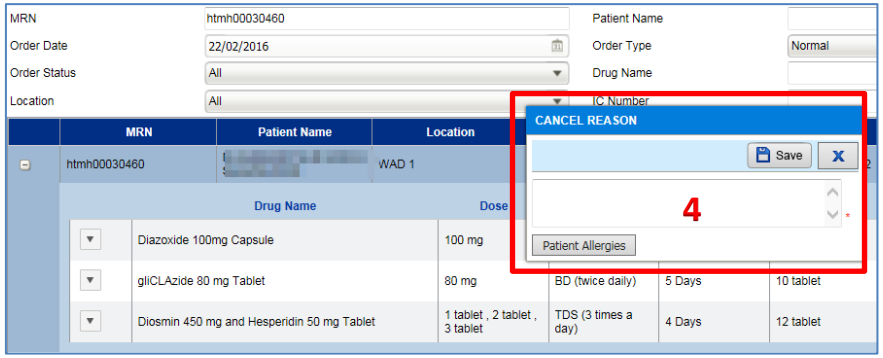
Function Flow	Current Version 1.3.8.4	New Version 1.4.1
2. Stop remarks not mandatory when stop/ cancel order.	• Go to Order Management > *Manage Order(1).*  • Search patient by MRN Number or Patient Name. • Clik on patient name and record will appear, then click on the name to expand and see the drug list.  • Right click on the *arrow (left)(2)* and user able to do Modify and Stop.	• Go to Order Management>Medication Order> Medication Profile link. • Click on *Medication Profile (1)* link to open the screen.  • Medication Profile screen appear with button new button *Stop and Change(2)* as below.  • Ticked on few drugs then click on *Stop(2)* button. Once clicked on Stop, no more reason window for user to key in stop reason. • Then message confirmation to stop will appear. Click on *Stop Current Order (3)* to proceed with stopped drug.  • Drug will be stop without asking the reason value.

PhIS & CPS Project - Quick Guide For Order Management (Web)

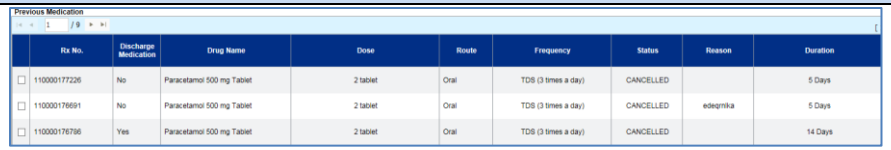
Function Flow	Current Version 1.3.8.4	New Version 1.4.1



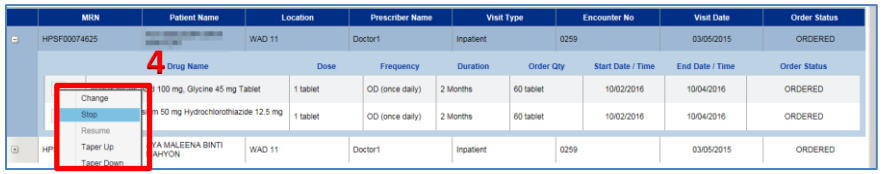
- Click *on Cancel(3)* and pop up screen will appear.



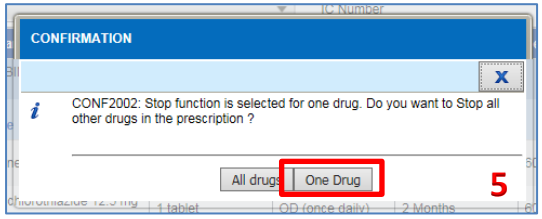
- *Cancel/Stop reason(4)* is a mandatory to key in.



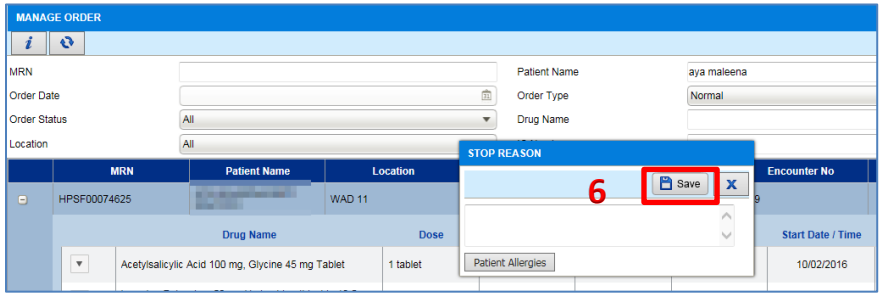
- In Manage Order, right click on arrow and choose *Stop(4)* action.



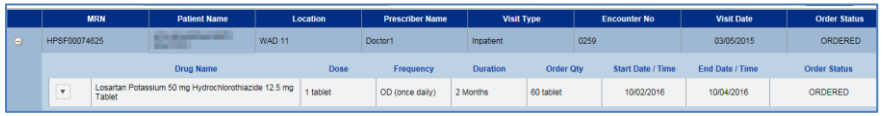
- Message to stop all drug or one drug will appear.



- Click on *One Drug(5).*
- A pop up for stop reason will appear however it is not mandatory. User can close the reason box without enter any value

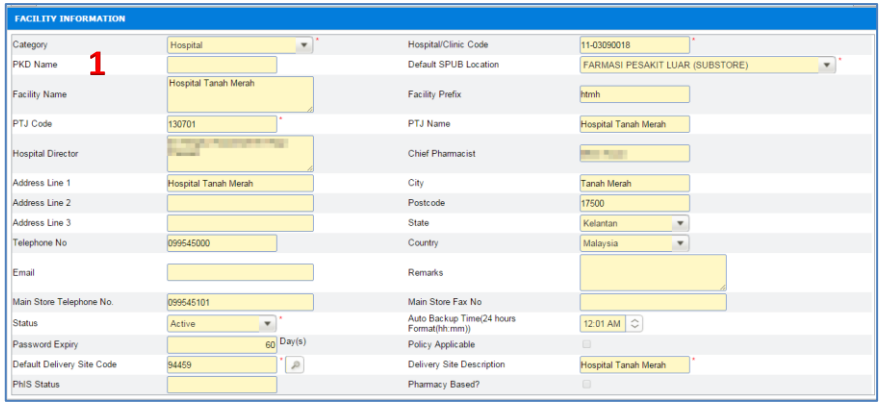
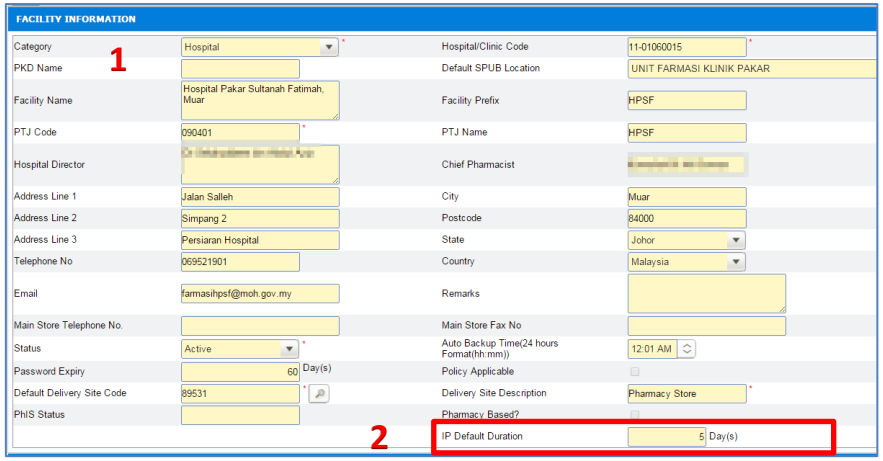


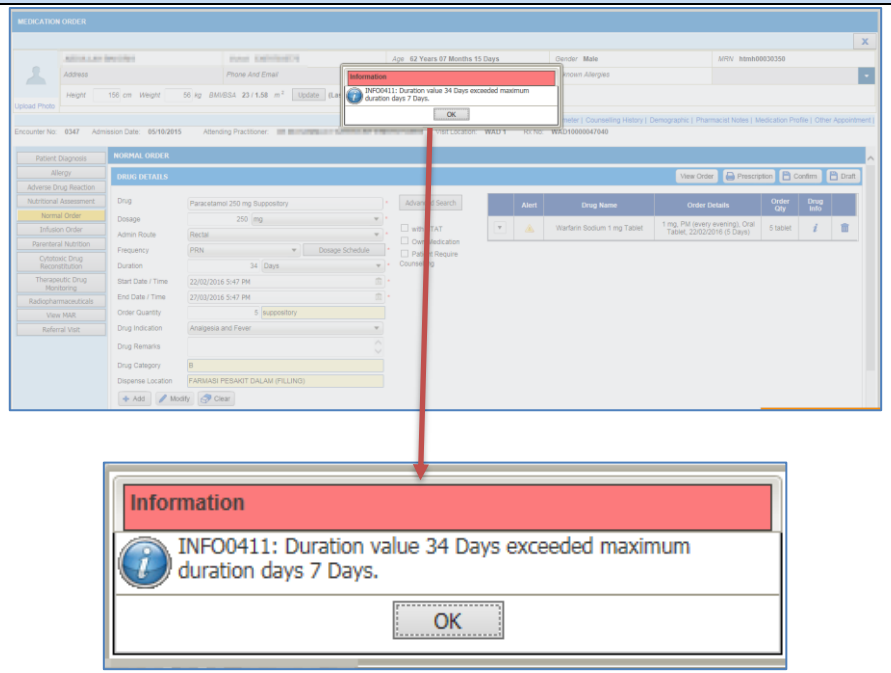
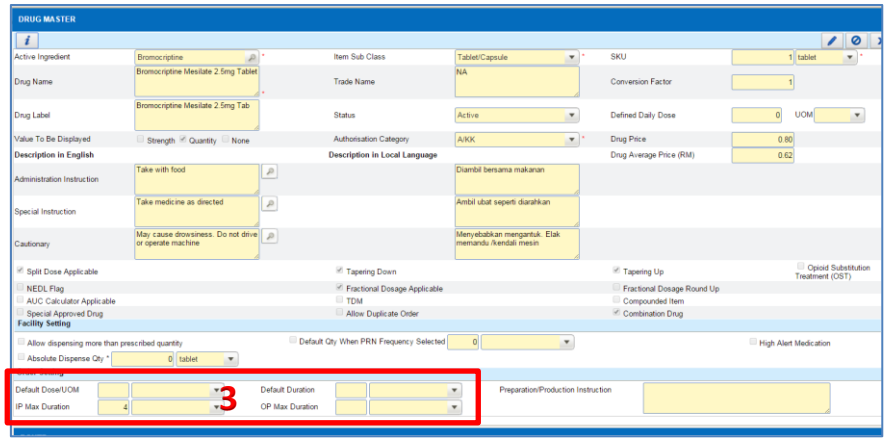
- Click on *Save(6)* without enter any reason. Drug will be stopped without asking for stop reason.

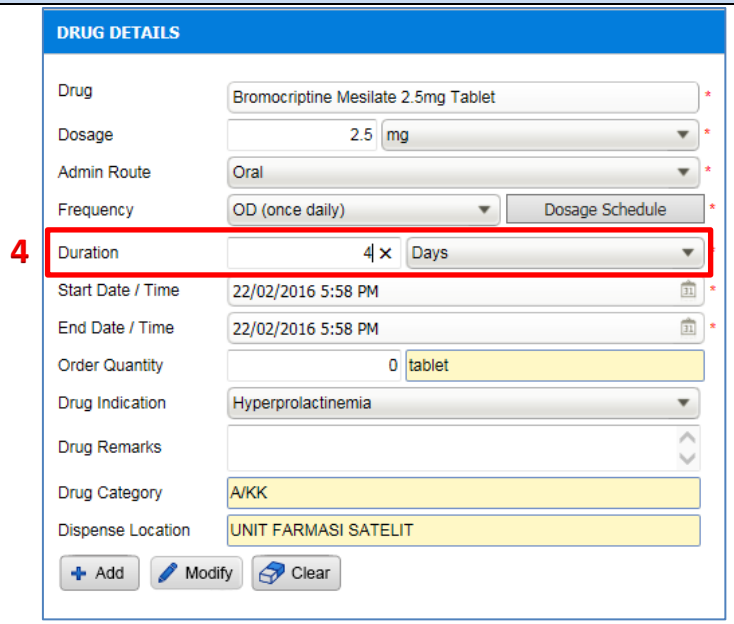


3. Summary of Ticket Number and Requests on IP Max Duration (Facility Setting)

No.	Ticket #	Descriptions	Request	Proposed Solution
1.	I-PhIS0117 20515S	**Oder Management- Request to default setting** User request to set default duration as 7 days for inpatient and separate duration defult setting for OP, Daycare and Emergency.	To set a default setting for Inpatient at facility level.	1. Add in new column in Facility Information table for a setting of default duration for each facility. a. In Facility Information (Maintenance), add in new column called **IP Default Duration**: b. The validation checking for this field are based on IP visit only. 2. Checking on Order Management module when user create inpatient drug where the system must include checking by referring to this setting. 3. Web changes – Facility Information and Order Management when add new drug.

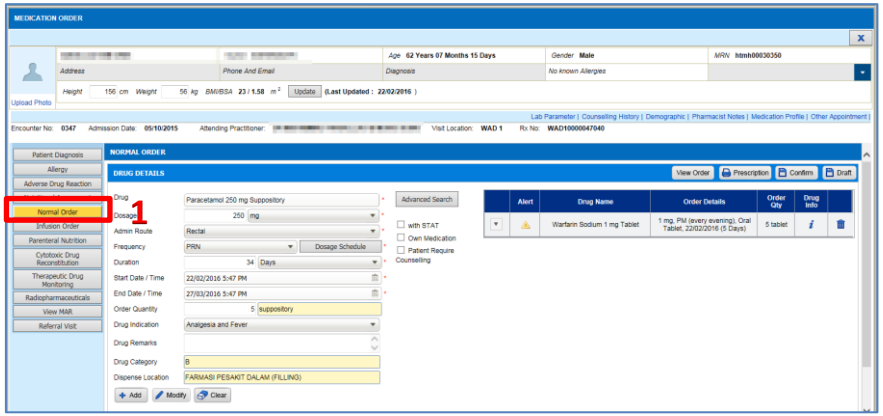
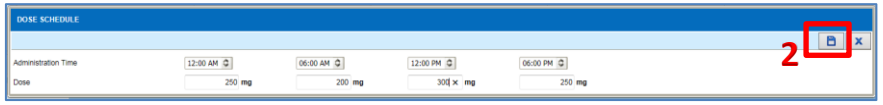
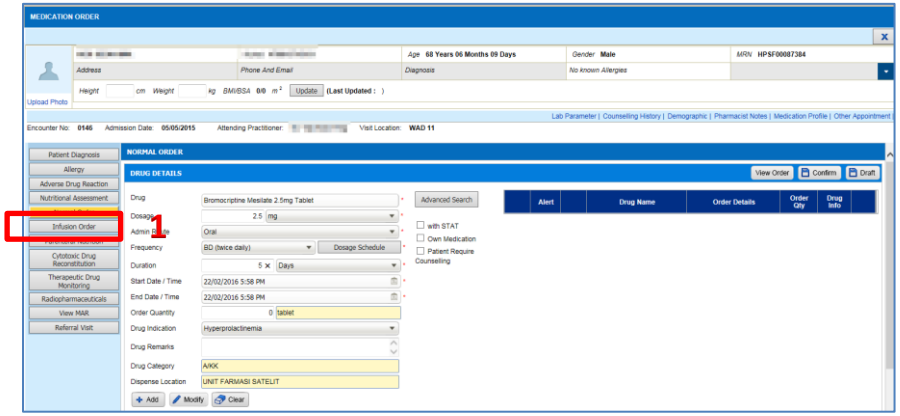
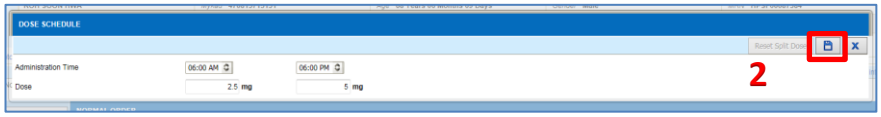
Function Flow	Current Version 1.3.8.4	New Version 1.4.1
1. Default duration 7 days for IP in facility setting	• Go to *Maintenance>General>Facility Info(1).* • No field of IP Default Duration in Facility Info.  • Go to Medication Order>Normal Order and make an IP order. • The order will follow back the global setting for IP which is order cannot more than 7 days.	• Go to *Maintenance>General>Facility Info(1).* • New field of IP Default Duration added in Facility Information.  • Go to *Medication Order>Normal Order(2)* and make an IP order.

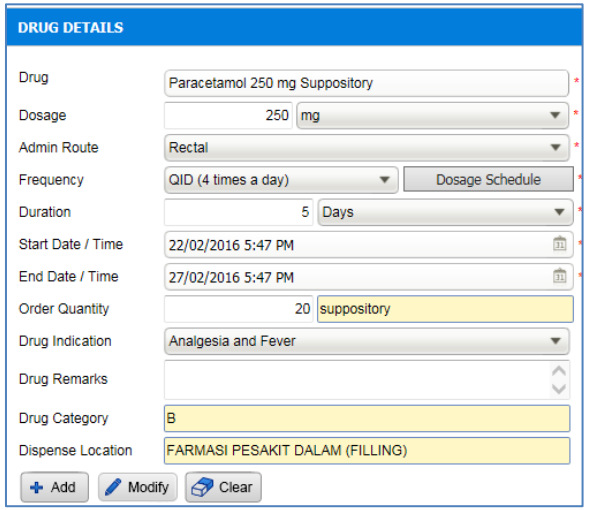
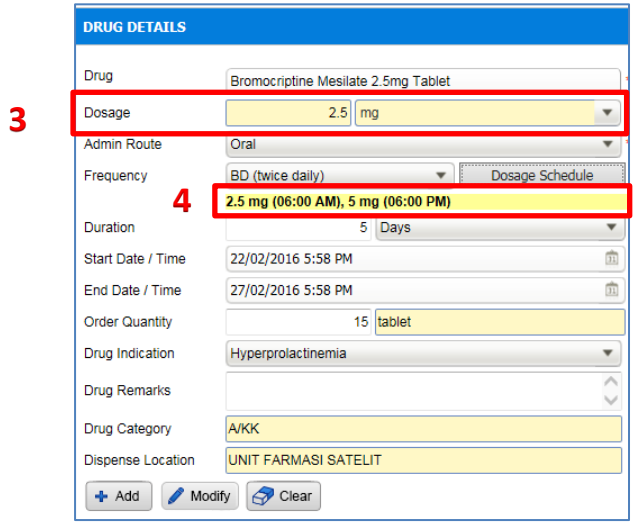
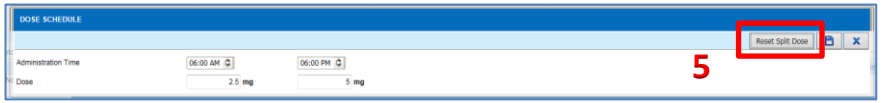
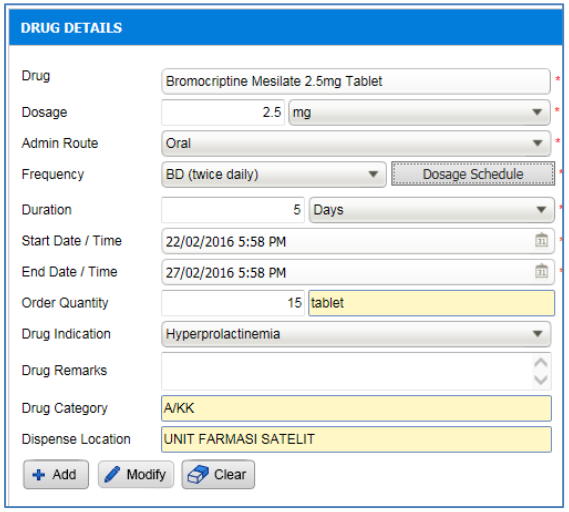
Function Flow	Current Version 1.3.8.4	New Version 1.4.1
		• IP Default Duration: - Default order duration when order for Inpatient for all drugs. - If IP Max Duration is set in drug master, default duration in order will not exceed IP Max Duration. - If Default Duration is set in drug master, default duration in order will follow Default Duration in drug master. • Example: Set the *IP Default Duration = 5 days , IP Max Duration = 4 days and Default Duration = null (3)*, as below:  • The *order duration(4)* below will follow the IP Max Duration which has been set in Drug Master, as above.

Function Flow	Current Version 1.3.8.4	New Version 1.4.1
		

4. Summary of Ticket Number and Requests on Default Dosage Schedule

No.	Ticket #	Description	Requests	Proposed Solution
1.	I-PhIS009 818315S	**Order management Medication Order – Split Dose.** To clear and dim the dosage field once dosing schedule is saved.	Once user has enter the time in dosage schedule.	1. To clear and dim the dosage field once dosing schedule is saved. 2. To display the split dose and time at bottom of the frequency label.

Function Flow	Current Version 1.3.8.4	New Version 1.4.1
1. To clear and dim the dosage field once dosing schedule is saved.	• Go to *Medication Order>Normal Order(1)* and create drug order as a split dose.  • Create a split dose order, as below and then click on *Save(2)* button. 	• Go to *Medication Order>Normal Order(1)* and create drug order as a split dose.  • Create a split dose order, as below then click on Save(2) button. 

Function Flow	Current Version 1.3.8.4	New Version 1.4.1
	 • Record is added but does not show any indicator for a split dose. • There were also no reset split dose button here.	 • *<u>Dosage field(3)</u>* is disable and the *<u>split dose drug information(4)</u>* are being shown. • To reset back the split dose, click again the Dosage Schedule button and click on *<u>Reset Split Dose(5)</u>* button.  • Drug information will goes back to normal, as shown below.

Function Flow	Current Version 1.3.8.4	New Version 1.4.1