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

Release Note

For version 1.4.1.6

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Revision History

Version No	Date of Release	Prepared by	Reviewed / Verified by	List of changes from Previous Version
1.0	25/10/2016	Zainura	Chew Ming Ping	First Version

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Peer Review

Version No	Reviewed / Verified by	List Of Changes from Previous Version
1.0	Juridah (QA)	Initial document

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1 Introduction

1.1 Project Information

Project ID	:	PhIS and CPS
Project Name	:	Pharmacy Information System and Clinic Pharmacy System
Version No	:	1.4.1.6
Client Name	:	Ministry of Health
Release ID	:	RL16/012
Release Date	:	25/10/2016

1.2 Objectives

No.	Objective	Reference
1.	Release PhIS & CPS Application to Facility	Refer Section 3 – Refinement and Defect list

2 Purpose

The purpose of the document is to update the end-user of the changes and defects have been resolved to be included in the new version of application and will be deployed to production server.

This document outlines the list of request and issue to be delivered in the newer version of application and also the guidelines on how to deploy the new version of application in production.

3 Summary – Refinement and Defect List

3.1 Refinement List

The following refinement tickets to be delivered in PhIS ver 1.4.1.6.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Resolution	Resolved Date	Verify Status
6	I-PhIS016665616S	Bahagian Perkhidmatan Farmasi (BPF)	Order Management - Web	20/10/16	Med Order,Discharge Med,Transcribe Order-Active Ingredient Checking	Request to remove checking on duplicate order for drug with same active ingredient and dosage form within same order.	Remove checking on active ingredient checking in Medication order, discharge medication, transcribe order and medication profile.	20/10/16	
7	I-PhIS016152816S	Hospital Seri Manjung	Outpatient Pharmacy	8/9/16	Request to remove ward stock flag for patient transfer function	Request to remove the ward stock flag due patient transfer from one ward to another, still no yet cater the ward stock flag. Patient transfer from ICU to Ward 3. Previous ticket : 16089527C Patient : yasam b sarkawi MRN : hsm00041384	Ward stock flag will be updated if patient transfer from one location to another location if the new location does not define the drug as a ward stock and vice versa.	24/10/16	
8	I-PhIS016037016S	Bahagian Perkhidmatan Farmasi (BPF)	Pharmacy Inventory	30/8/16	Purchase Order (KK/PKD) - Change method for Purchase	Request to change method for Purchase Order LP and Contract from KK to PKD (IWP) by block during eP Approve when budget balance is not enough until PKD done allocation for the affected vote code.	Alert user if budget is not enough before user confirm eP Approve status	21/9/16	

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Date: _____ Designation: _____

3.2 Resolved Defect List

The following are the summary of resolved defect list that included in PhIS and CPS version 1.4.1.6.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
1	I-PhIS016659416S	Hospital Tanah Merah	General Module	20/10/16	User Profile - Appear all location	User report when he add new location , he will search location example Ward 5 and will appear in list Ward 5 and Ward 5 Day care. User want to select 2 location appear with tick at Select All tick box and will auto tick for 2 location appear. But when user click button save , all location will appear in list. Issue not happen if user manually tick at 2 location. User inform issue happen to all user profile. Step - User Profile > Granted Location > Add New	on select all item not filter base on search item	20/10/16	
2	I-PhIS016488116S	Hospital Miri	Inpatient Pharmacy	8/10/16	Screening & Verification - Intervention show pop up message	SIT Hakimi called on behalf of user Ms Ling. 1. Dr transcribe drug Paracetamol 120mg/5ml syrup with 220mg dose. 2. User make intervention on drug, change dose from 220mg into 135mg 3. User can not save after Modify the Order due to Info pop up appear 'No Medication is Done' 4. User then exit the Intervention screen 5. User print label, label come out dose as 135mg 6. User check in Record Retrieval. dose is 220mg	1. Missing Validation against Dosage field. 2. On confirm button , record transaction carried out before confirmation message for reason Insert so partial transaction happening (Dispense Normal Records updated) . which cause dispensing side values updated but order side not updated.	11/10/16	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						HMIRI00173068			
3	I-PhIS015773316S	Klinik Kesihatan Felda Sahabat	IWP	8/8/16	Budget - Pending amount still appear even already reject order	User from KK Lahad Datu reported for KK Felda Sahabat. He informed KK Felda Sahabat already perform purchase order for Ubat but that order already reject by PKD. User informed pending amount (RM38,967.88) still not include in actual amount even order already rejected. Vote code: 142801/020600/27401/99 (ubat) User ID: 901230015733	Amount value is not reset to old value which presented in Budget movement table. Thats why the amount value not updated on Pending Quantity if that record already rejected.	17/8/16	
4	I-PhIS015985016S	Pejabat Kesihatan Daerah Gua Musang	IWP	25/8/16	IWP - Budget Balance - able to view all region in all state	User reported she search generally at budget balance but she able to view wide region at all state. Usually, when she do search generally at budget balance, she will be able to view only PKD Musang and all KK under that PKD. User found out the budget balance become RM206 million because of this matter. ID: 810223105630	Budget balance shows all kk's budget if search record without filter Clinic name.	26/8/16	
5	I-PhIS016112116S	Bahagian Perkhidmatan Farmasi (BPF)	IWP	5/9/16	Item Master - Unable to edit empty field	Puan Fayizatul reported unable to edit or check the empty field. (Manufacturer name is empty) Item Code: GLN0200132.05	unable to edit/double click brand/manufacturer record if manufacturer name is null	6/9/16	
6	I-PhIS016257916S	Bahagian Perkhidmata	IWP	20/9/16	IWP - Contract information lost	Kindly help to check the contract item sterilization non woven heavy duty 60gm, contract number: KKM-	Validation to retrieve contract for Non drug wrongly apply.	23/9/16	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
		n Farmasi (BPF)				7/2014(RT). The contract item have been updated before this, but just found out all the information lost this morning, and this cause facility can't retrieve the contract.			
7	I-PhIS016432516S	Bahagian Perkhidmatan Farmasi (BPF)	IWP	5/10/16	External Facility IWP Unable to save record	User reported unable to save record at external facility. User informed:- Fail to save new record in 'External facility'. 1. After click save the error 'This field may not be empty or contain only space' appear even though the field contain text. 2. Then, click 'Save' button again, the message ' Data is successfully save' appear. But when we checked at listing page and search for it, it is not saved.	Unable to save record in external facility IWP due to no validation against duplicate prefix and code on screen, but in database these codes are unique	7/10/16	
8	I-PhIS016378316S	Klinik Kesihatan Taiping	Pharmacy Inventory	29/9/16	Budget Movement - Budget not flow after eP rejected	Pn Nur Azura report status of PO already eP rejected but when user want to make new PO the budget that take from rejected PO did not flow back to facility KK Taiping PO16000264 PO16000265 PO16000266 PO16000267 PO16000268 PO16000269 KK Trong PO16000023	ep rejected status in Budget movement created as 'EP_REJECTED'. Due to this error the budget movement not able to show transaction on screen.	7/10/16	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						KK Pokok Assam PO16000163 PO16000164			
9	I-PhIS016506216S	Klinik Kesihatan Arau	Pharmacy Inventory	10/10/16	Vote code - Budget not update after make payment for PO	Pn Siti Sarbimi report that user has make PO under vote code 'Bukan Ubat'. However the budget still have same amount even tough user inform have made payment for that PO 020401/020600/27499/99 (Bukan Ubat)	Distribution up to date and ep rejected data available in Facility, but not appear on Budget movement screen due to eP Rejected status ref code.	11/10/16	
10	I-PhIS016529416S	Pejabat Kesihatan Daerah Perlis	Pharmacy Inventory	11/10/16	Budget Movement - Budget not tally	User report, she already reject order for item contract,PO number, refer below : Order belong to KK Kangar a) PO16003096 - L0251020401161758 b) PO16003097 - L0251020401161760 She as PKD Kangar reject order at 10/10/2016. But when she check at budget movement in IWP and Facility she found out budget are not tally. Inform by user in facility budget is 107473.01 and IWP : 124536.40. Status PO EP Cancel. User step : Inventory > Procurement > Purchase Order> Purchase Order> select PO number >> Click cancel LPO.	The order with 'eP Cancel' status not update in budget movement for LP and contract.	12/10/16	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
11	I-PhIS016650516S	Klinik Kesihatan Tanjung Rambutan	Pharmacy Inventory	19/10/16	(1.4.1.5)Condemn - Unable to condemn	User reported unable to condemn expired item. Info popup occur when click button condemn. INFO7626: Stock has been deducted for item GLN0200001.01 batch 006/16. Please reallocate quantity Condemn No.: 16000006 RCL No.: RC16000010	The alert message appear due to the condemn for expired item was wrongly deduct from good stock instead of bad stock.	20/10/16	
12	I-PhIS016665116S	Hospital Kuala Lumpur	Pharmacy Inventory	20/10/16	Lp Purchase Order procurement ep cant approve	As attached, process of ep-approve cannot be done.Kindly refer attachment	un necessary checking was included for ep Approve (LP/Contract) case.	20/10/16	
13	I-PhIS016676216S	Bahagian Perkhidmatan Farmasi (BPF)	Pharmacy Inventory	21/10/16	IWP Search facility function not working at Contract HQ	Cik Fayizatul Akmar Abd Rahman reported at IWP when search facility name at contract HQ not working (button deem).He unable to search facility name.Kindly refer attachment .	wrongly code facility details in table to disable the field instead of read only.	21/10/16	
14	I-PhIS016088416S	Klinik Kesihatan Bukit Panchor	Report/Enquiry	2/9/16	Budget Movement - Budget not flow	User reported she has cancel the Lp item but budget only flow half of the price which is in budget movement shows price RM783.00. User informed transaction in budget movement not tally on 30/08. Kindly refer attachment. Details as below: Epo: 16000319 Lpo: L0986 Purchase order date: 15/08 Budget cancel date: 30/08 Vote code no: 041001/111100/27401/99 Total Amount budget: RM2163 User ID: 870914015866	The budget is failed to create due to not enough liability amount to move.	15/9/16	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
15	I-PhIS016421516S	Klinik Kesihatan Mempaga	Report/Enquiry	4/10/16	Budget Movement Repeated transaction	User report repeated transaction in Budget Movement for Vote KK Mempaga (Ubat). It also effected value in movement. Issue happen when order had been cancelled at eP. Reference No. - PO16000055 & PO15000056 Transaction Type : EP Cancelled.	Issue happened due to Scheduler running in IWP for ep reject and ep cancel both running at same time and calling same service in OldPIWP, due to that both service calls returning same data from OldPIWP	5/10/16	

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Signature: _____ Name: _____
Date: _____ Designation: _____

3.3 Defect List from Previous version

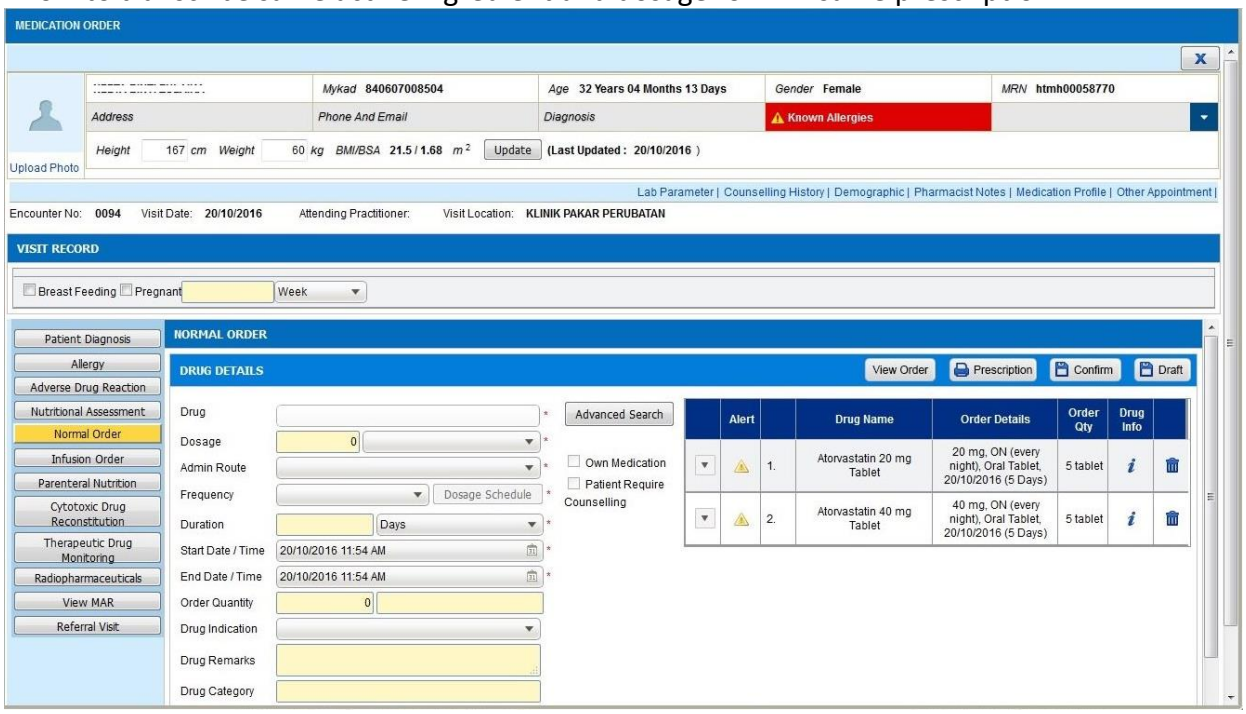
N/a

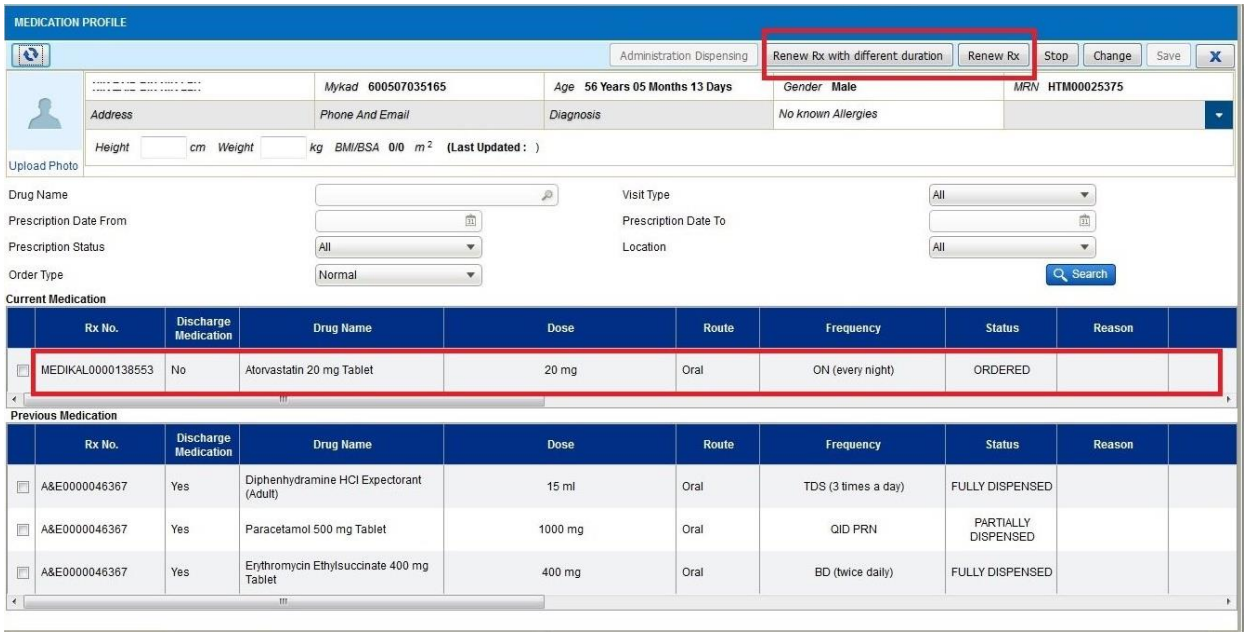
4 Refinement List – Detail Changes

4.1 Order Management Web – Medication Order

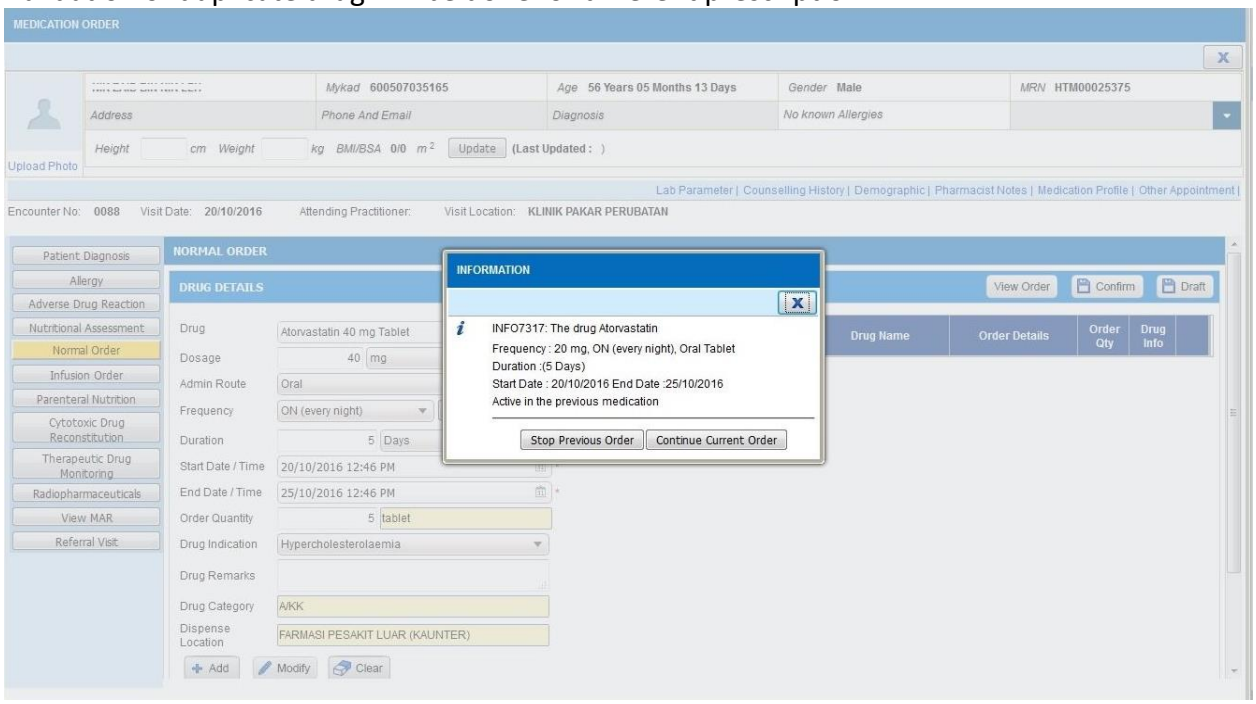
Ticket No	Module	Title	Description	Resolution
I-PhIS016665616S	Order Management - Web	Med Order, Discharge Med, Transcribe Order- Active Ingredient Checking	Request to remove checking on duplicate order for drug with same active ingredient and dosage form within same order.	Remove checking on active ingredient checking in Medication order, discharge medication, transcribe order and medication profile.

Allow to transcribe same active ingredient and dosage form in same prescription





Validation of duplicate drug will be done for different prescription.

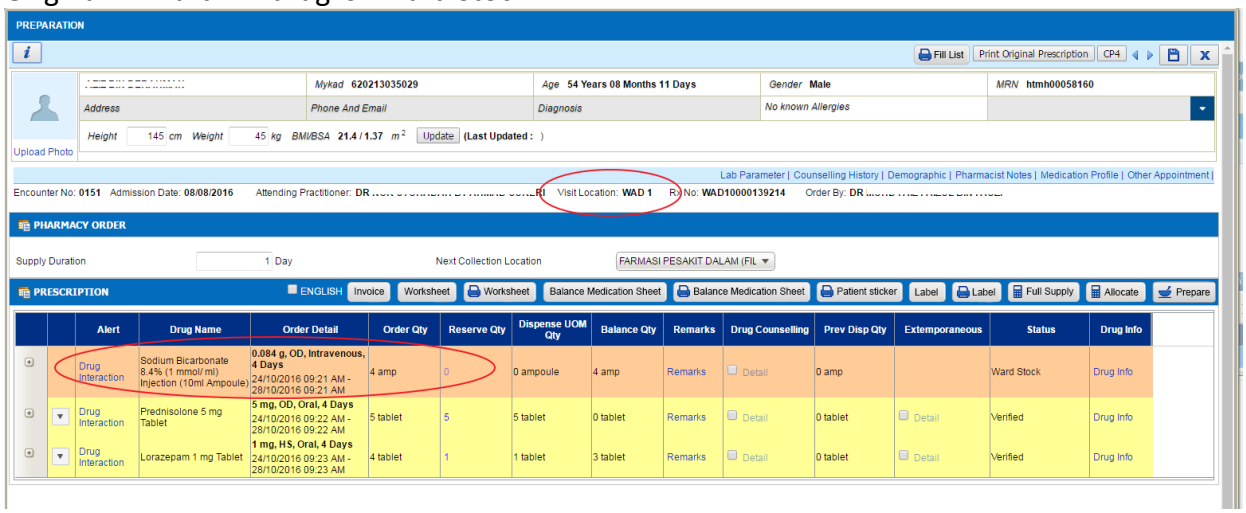


4.2 Outpatient Pharmacy – Dispensing Process

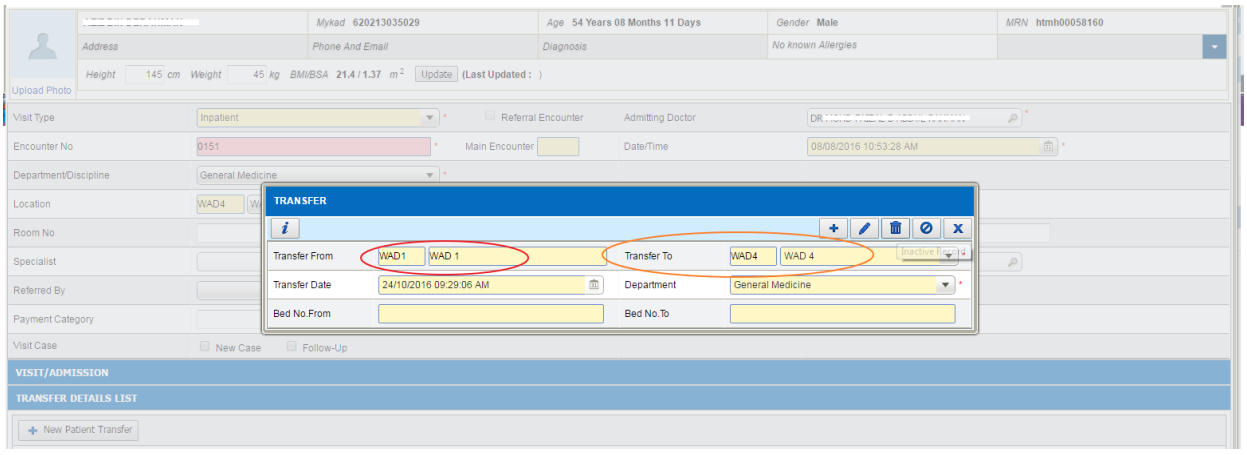
Ticket No	Module	Title	Description	Resolution
I-PhIS016152816S	Outpatient Pharmacy	Request to remove ward stock flag for patient transfer function	Request to remove the ward stock flag due patient transfer from one ward to another, still no yet cater the ward stock flag. Patient transfer from ICU to Ward 3. Previous ticket : 16089527C Patient : yasam b sarkawi MRN : hsm00041384	Ward stock flag will be updated if patient transfer from one location to another location if the new location does not define the drug as a ward stock and vice versa.

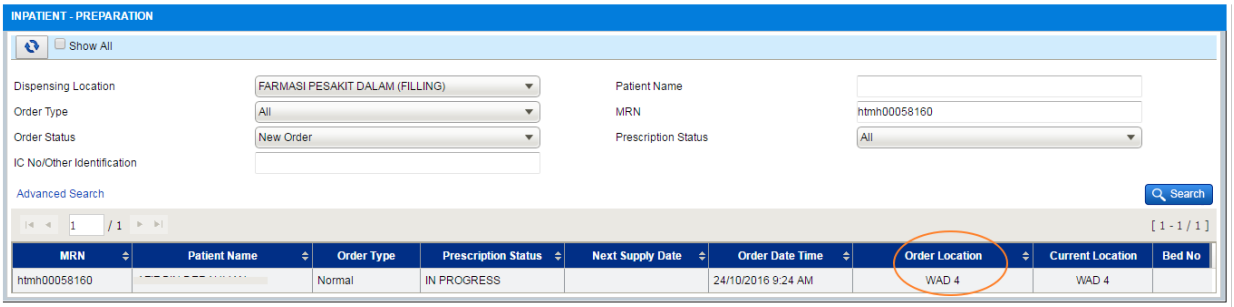
Case 1

Original in Ward 1 – drug is “Ward Stock”

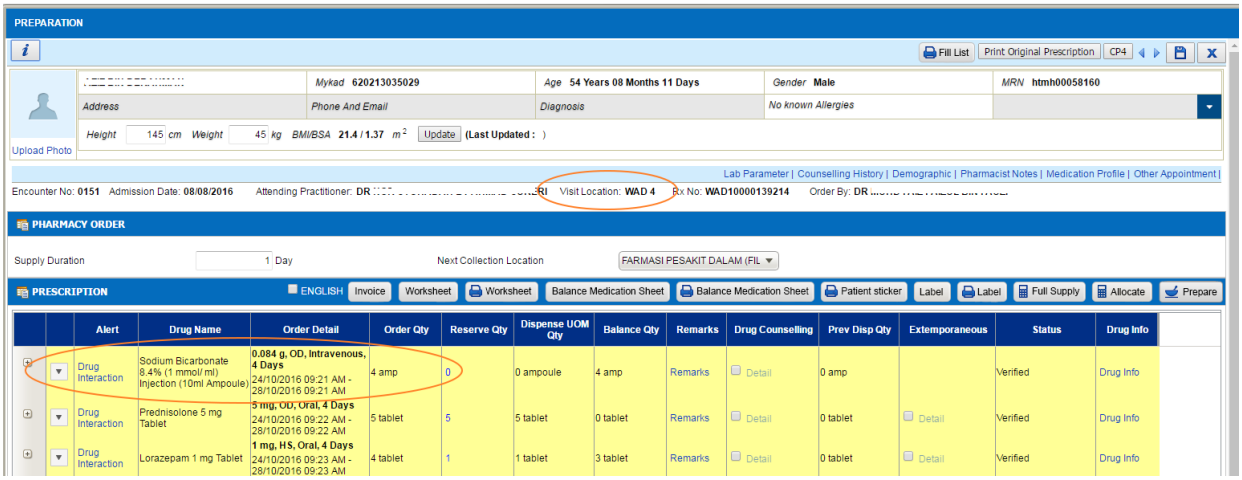


Transfer to Ward 4



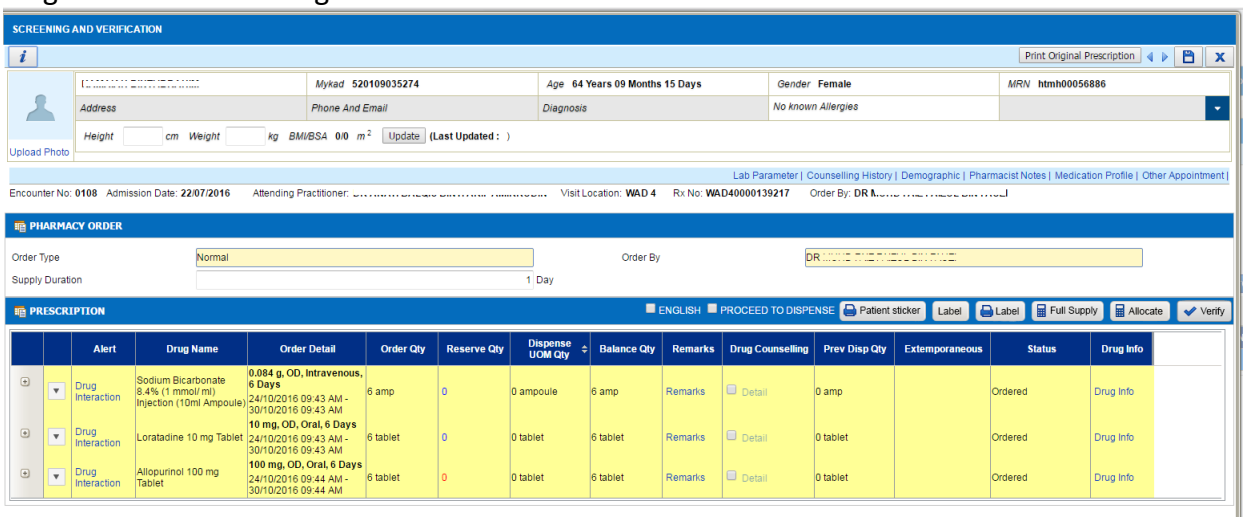


In Ward 4 – Drug is not “Ward Stock”

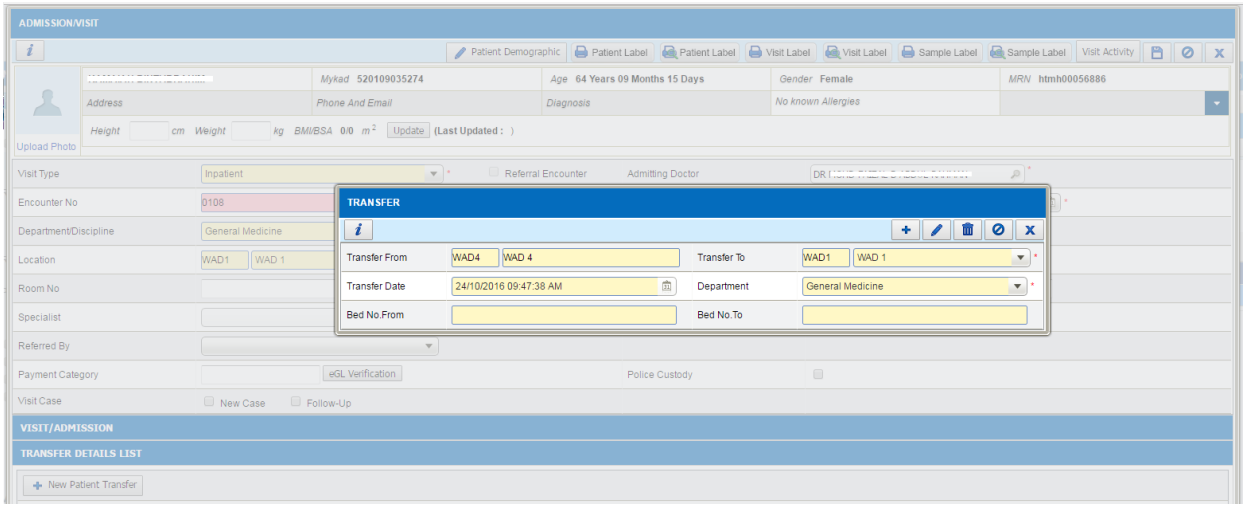


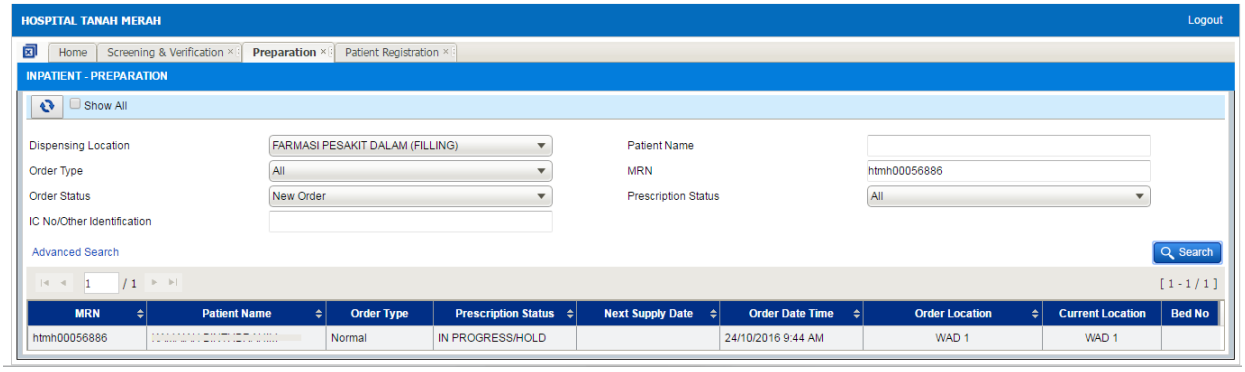
Case 2

Original in Ward 4 – drug is not “Ward Stock”

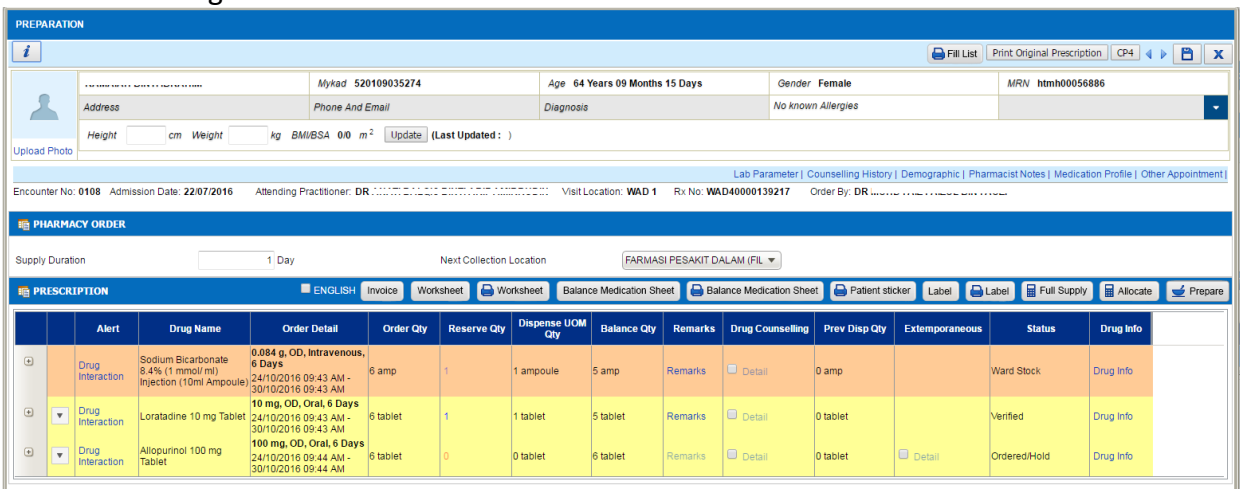


Transfer to Ward 1



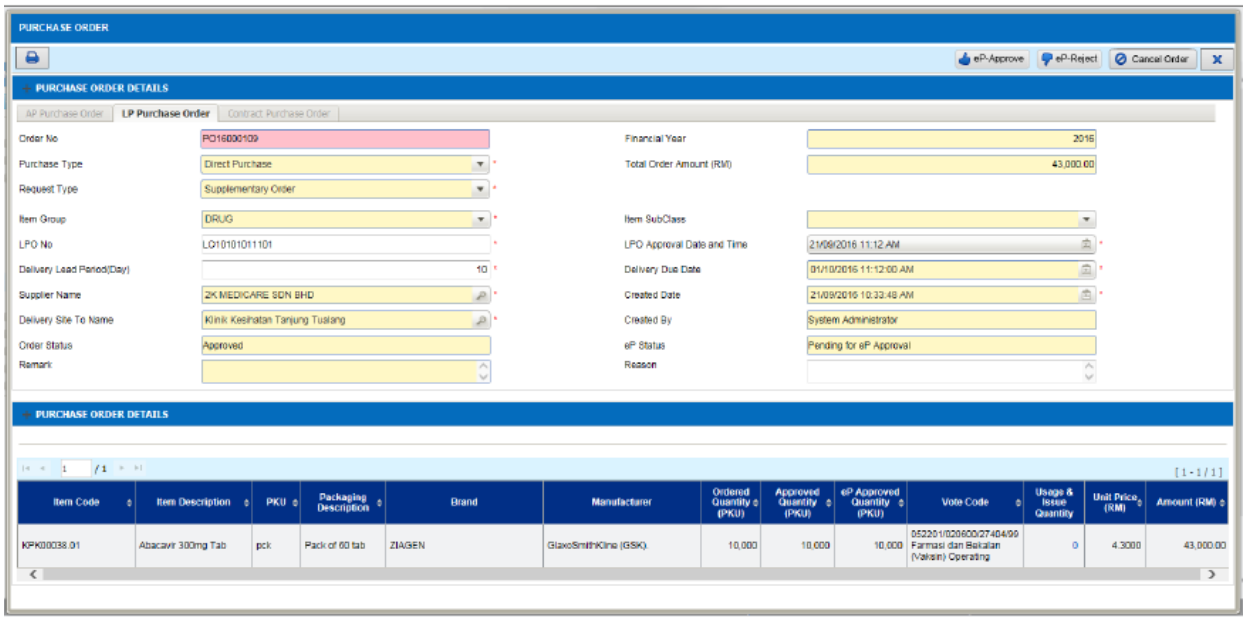


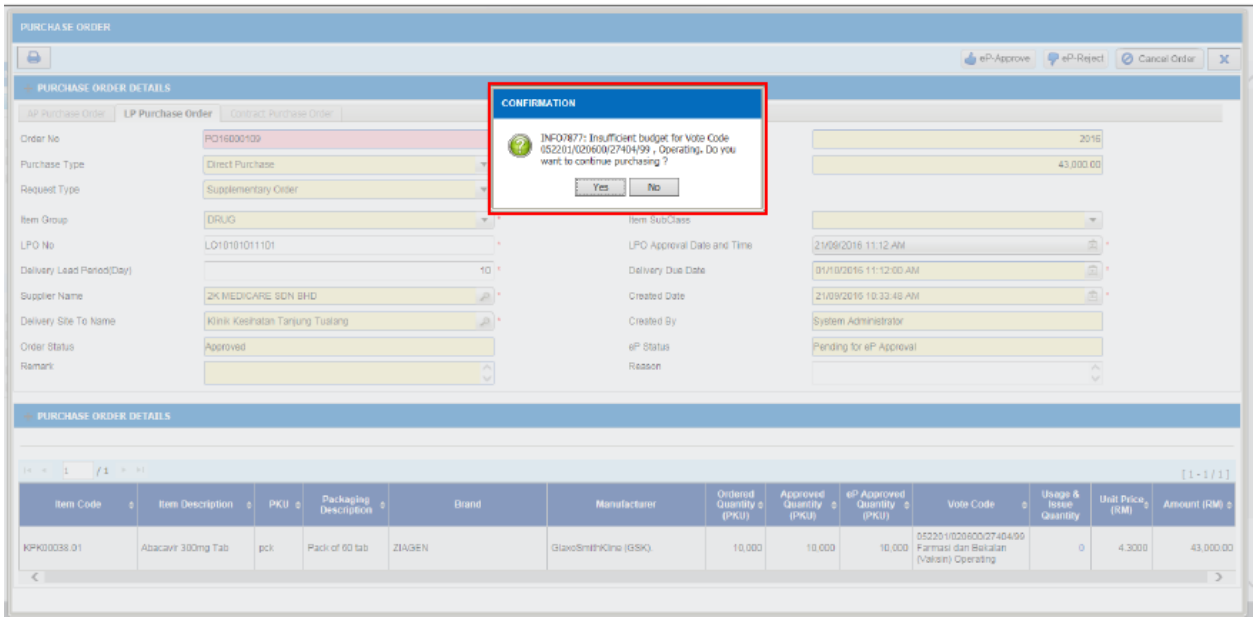
In Ward 1 – Drug is “Ward Stock”



4.3 Pharmacy Inventory – Purchase Order

Ticket No	Module	Title	Description	Resolution
I-PhIS016037016S	Pharmacy Inventory	Purchase Order (KK/PKD) - Change method for Purchase	Request to change method for Purchase Order LP and Contract from KK to PKD (IWP) by block during eP Approve when budget balance is not enough until PKD done allocation for the affected vote code.	Alert user if budget is not enough before user confirm eP Approve status





5 Deployment - Procedures

5.1 List of Items to be Deployed

No.	Items	Components	Path
1	HQ Patch Script	PatchScripts_IWP_v1.4.1.6.txt	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.4.1.6/iwp/scripts
2	HQ Application	phishq_v1.4.1.6.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.4.1.6/iwp/war
3	HQ Application	epservice_v1.4.1.6.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.4.1.6/iwp/war
4	HQ Application	masterRelease_v1.4.1.6.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.4.1.6/iwp/jar
5	Facility Patch Script	PatchScripts_PhIS_v1.4.1.6.txt PatchScripts_v1.4.1.6_PhIS_App.txt	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.4.1.6/facility/scripts
6	Facility Application	iphis_v1.4.1.6.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.4.1.6/facility/war
7	Facility Application	PhISSchedulers_v1.4.1.6.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.4.1.6/facility/jar
8	Facility Application	ActivePrescription.jasper	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.4.1.6/bcp

5.2 Backup Procedure before Deploy

5.2.1 Backup Procedure

Using backup tool, backup the following files and folder and database as per table below;

No.	Type	Backup Item	Description
1	Application	/home/phisesb /opt/phisesb /usr/share/fonts/truetype	PhIS Integration Application PhIS Core Application Fonts required by PhIS
2	Database	phisprod database	PhIS Live database

5.3 Deployment/Installation Guidelines

5.3.1 Deployment at Facility

Below table is described the deployment steps at Facility:

Step	Items	File Name	Source Path	Action
1	Facility Patch Script	PatchScripts_PhIS_v1.4.1.6.txt	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.4.1.6/facility/scripts	Please ensure all the script is execute before iphis.war deploy. Please ensure the script is executed in sequence. Script files Execute as pgScript
2	Facility Application	iphis_v1.4.1.6.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.4.1.6/facility/war	Please rename the war file from iphis_v1.4.1.6.war to iphis.war then deploy.
3	Facility Application	PhISSchedulers_v1.4.1.6.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.4.1.6/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to PhISSchedulers.jar.
4	Facility Application	ActivePrescription.jasper	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.4.1.6/bcp	Rename existing jasper to backup and copy new Jasper to /home/phisesb/bcp/bcp_reports folder.

5.3.2 Deployment at HQ - IWP

Below table is described the deployment steps at HQ - IWP:

Step	Items	File Name	Source Path	Action
1	HQ Patch Script	PatchScripts_IWP_v1.4.1.6.txt	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.4.1.6/iwp/scripts	Execute as Script
2	HQ Application	phishq_v1.4.1.6.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.4.1.6/iwp/war	Rename the war file from phishq_v1.4.1.6.war to phishq.war then Deploy using Glassfish Administration Console
3	HQ Application	epservice_v1.4.1.6.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.4.1.6/iwp/war	Rename the war file from epservice_v1.4.1.6.war to epservice.war then Deploy using Glassfish Administration Console
4	HQ Application	masterRelease_v1.4.1.6.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.4.1.6/iwp/jar	Rename file to masterRelease.jar and copy to /home/phisesb/phisjars/