



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

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## **Release Note**

**For version 2.0.3.3**

<p><b>Version : 1.0</b> <b>Document ID : PhIS_CPS/ReleaseNote/Refinement/20032019</b></p>
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**Revision History**

Version No	Date of Release	Prepared by	Reviewed / Verified by	List of changes from Previous Version
1.0	20/03/2019	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	:	2.0.3.3
Client Name	:	Ministry of Health
Release ID	:	RL19/006
Release Date	:	20/03/2019

### 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 for PhIS & CPS Web Application

The following are the refinement that included in PhIS v2.0.3.3:

No	CR No	Module	Function	Solution	Ticket No	Facility	Reference
1	R190037	Report/Enquiry	Below Buffer Level Report	Enhance: 1. Add filter by a. Item Purchase Type b. Facility / Unit Catalogue Status c. Drug/Non-Drug Name 2. Add new field in report header a. Item Purchase Type b. Facility/Unit Catalogue Status 3. Add new column in report a. Standard/Non-Standard and Item Purchase Type Column	I-PhIS012507215S I-PhIS013192816S  I-PhIS018222117S I-PhIS016859916S  I-PhIS018677117S I-PhIS017633417S I-PhIS008392914S  I-PhIS015664516S	MUSB Sibul H. Wanita & Kanak-kanak Sabah H. Tuanku Fauziah H. Sultan Haji Ahmad Shah H. Tuanku Fauziah H. Kepala Batas H. Pakar Sultanah Fatimah H. Jerantut	Refer to #4.1
2	R190038	Report/Enquiry	LOU Report - New	New LOU Report: 1. Search criteria: a. Item Group b. Item Class / Sub Class c. Item Purchase Type d. No of Days to be Expired e. Date From & Date To (Actual Good Received Date) f. Supplier 2. Report Details: a. LPO Number b. LPO Date c. DO Number d. Receiving Number	I-PhIS012931015S I-PhIS015177516S I-PhIS015939816S I-PhIS018254117S I-PhIS018007317S I-PhIS023701618S	MUSN Kuching H. Melaka H. Kuala Lumpur KK Kalumpang KK Kalumpang KK Telok Panglima Garang	Refer to #4.2



No	CR No	Module	Function	Solution	Ticket No	Facility	Reference
				e. Receiving Date (actual good received) f. Supplier Name g. Item code h. Item name i. Item packaging j. Batch Number k. Expiry Date l. Receiving QTY m. Stock Available n. Number of Days (Expiry Date - Receiving date) 3. Sorting of report – By Item Name, ascending			
3	R190039	Report/Enquiry	Pending List	1. Add Filter by Transaction Type a. Inter Facility b. Intra Facility 2. Change Supplying / Requester Unit name according to selection of Transaction Type a. Inter Facility selected i. Supplying Unit Name change to Supplying Facility Name (Pending Indent List) ii. Requester Unit Name change to Requester Facility Name (Pending Issue List) b. Intra Facility selected i. Remain Supplying Unit Name (Pending Indent List) ii. Remain Requester Unit Name (Pending Issue List)	I-PHIS014519016S I-PHIS029491218S I-PHIS032439118S	H. Mukah CFLN CFLN	Refer to #4.3
4	R190040	Report/Enquiry	CDR Registry - Update report criteria	Improve the list by show all drugs from Drug master where: i. Infusion drug (Dispense Qty) > 0 ii. Normal drug (Dispense Qty) > 0 And in Medication order, order status is not Cancelled, Stop or Discontinue. Other order status, for example In Progress, Partial Dispensed	I-PHIS019658217S	H. Pakar Sultanah Fatimah	Refer to #4.4



No	CR No	Module	Function	Solution	Ticket No	Facility	Reference
				or Dispensed should include in report if have dispensed_qty value.			
5	R190041	Report/Enquiry	SPUB Activities report	<p>Improve the filtering and rules:</p> <ol style="list-style-type: none"> <li>1. Month -or user to select from January to December.</li> <li>2. Year - Default to current year. User can change this to different year.</li> <li>3. Dispensing Location - list down all dispensing location.</li> </ol> <p>Compare the month and year with created date</p> <p>Check all medication order record where SPUB No is not null for online and offline SPUB.</p>	I-PhIS021132517S	Klinik Kesihatan Cheras Baru	Refer to #4.5
6	R190042	Report/Enquiry	Ward Stock report	<p>Improve:</p> <ol style="list-style-type: none"> <li>1. Rename Dispense From to "Supplying Unit"</li> <li>2. Supplying Unit will retrieve from Requester Unit master table</li> </ol>	I-PhIS024199518S	H. Pakar Sultanah Fatimah	Refer to #4.6
7	R190036	Report/Enquiry	PF6.7 - Aktiviti Farmakokinetik Klinikal - New	<p>New PF 6.7</p> <ol style="list-style-type: none"> <li>1. Search criteria:               <ol style="list-style-type: none"> <li>a. Year &amp; Month</li> </ol> </li> <li>2. Report Details:               <ol style="list-style-type: none"> <li>a. Bilangan Jenis Ubat Dipantau</li> <li>b. Bilangan Permohonan yang Diterima</li> <li>c. Bilangan Kes</li> <li>d. Bilangan Pemantauan Kes</li> <li>e. Bilangan Analisa</li> <li>f. Kes Keracunan Paracetamol</li> <li>g. Bilangan kes TDM Selepas Waktu Pejabat</li> </ol> </li> </ol>	I-PhIS025217118S	BPF	Refer to #4.7
8	R190043	Pharmacy Inventory	Requisition Order - To revise value for YTD Purchase Amount	To revise value for YTD Purchase Amount (RM) Display YTD Purchase Amount from Item Master based on the selected Item Code. Display same value as in Item Master	I-PhIS044341118S	H. Sultanah Nora Ismail	Refer to #4.8
9	R190044	General Module	Department code - increase length	To increase length for department code to 10 character	I-PhIS045179418S	H. Selayang	Refer to #4.9

### 3.2 Resolved Defect List

The following are the summary of resolved issue list that included in PhIS and CPS version 2.0.3.3.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
1	I-PhIS050459519S	Hospital Sibiu	Issue - Online/Offline, Replenish, Direct Issue	4/3/19	Direct Issue - Requester Unit Name appeared as "-"	Mr Vernon reported Requester Unit Name appeared as "-". User need to select first each transaction to view Requester Unit Name.	direct issue requester unit value not setting properly in listing level.	5/3/19	
2	I-PhIS050235319S	Klinik Kesihatan Labuan	IWP	20/2/19	IWP (order status) : Quantity available show 0	Miss Ting reported quantity available show 0 when user want to approve order. Kindly refer attachment  Order No.: PO19000077, 19000078, 19000079	Available Qty sends to IWP in SKU value instead of PKU value.	6/3/19	
3	I-PhIS050241419S	Pejabat Kesihatan Daerah Hulu Langat	IWP	21/2/19	IWP - Request Order Authorization-Not able to change vote code -Contract	User Mr Jamie reported budget type appear as Dasar Baru instead of Operating when user check in Request Order Authorization (IWP). Confirmed by user he not allocate any budget for budget type Dasar Baru. PO No.: PO19000037 (order from PKD Hulu Langat)	Unable to edit vote code in request order authorization screen due to wrong condition apply for LP and contract PO	5/3/19	
4	I-PhIS050276819S	Klinik Kesihatan Greentown	Medication Counseling	22/2/19	Medication Counselling Reporting - Error message appear	Received email from user to informed, there is error message "Record medication counselling already saved by another user. Screen will refresh with updated record" appear. User claimed this issue happened when user save for filling up DFIT (Understanding).	Improper concurrent access validation	5/3/19	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						Kindly refer attachment for step that user has performed. MRN No: KKE08004500036911			
5	I-PhIS044201418S	Hospital Pakar Sultanah Fatimah	MTAC	26/7/18	MTAC - words overlaps at print preview.	<p>Receive email from user : selepas versi baru dideploy, saya mendapati perkataan ' No history of taking Prescription medication' di ruang past medication history bertindih dengan perkataan lain.</p> <p>Selain itu, bahagian kolum current medication tidak disusun dengan baik/kemas dan menyebabkan table report kelihatan tidak teratur dan panjang. Pihak kami berharap kolum width masih boleh disusun balik agar mengurangkan pembaziran ruang. Example MRN : 13625</p>	Design for some components was not carried properly like borders and values.	1/8/18	
6	I-PhIS050145319S	Hospital Pakar Sultanah Fatimah	Order Management - Web	18/2/19	Medication Order - System allow make medication order without enter height and weight	<p>Ms Low reported doctor able to make medication order for baby without enter height and weight. As user informed baby is also known as Children which is they still under age of 12 years old.</p> <p>If patient is below 12 years old, system not allow to make order if user did not enter height and weight. But if patient is known as Baby of (Mother's name), system allow to proceed order.</p> <p>For example patient:</p>	Issue happens due to wrong validation on unknown patient ( Instead of other id checking against main id).	13/3/19	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						MRN patient: HPSF258592 - Baby of Zainab Binti Buang			
7	I-PhIS050185219S	Klinik Kesihatan Jalan Macalister	Order Management - Web	19/2/19	Screening & verification- show error message - frequency	User report unable to proceed transaction dispensing because Screening and verification for drug show paracetamol 500mg" unknown exception Java.la"  MRN KKE07002700099885/Lee Siew Eng	During modify the drugs, allows to save order without valid frequency which cause the errors in further screen.	6/3/19	
8	I-PhIS050077219S	Hospital Miri	Outpatient Pharmacy	14/2/19	Re-dispensing not functioning for selected item	Miss Chua reported and encounter this issue/problem most of the time. User only wanted to re-dispense one item, as per example in attachment, but the system refuse to print label or error when we click "re-dispense" button.  MRN: HMIRI00168189	Function is not working due to backend error at the drug batches for the unselected drugs	5/3/19	
9	I-PhIS050091219S	Hospital Tanah Merah	Outpatient Pharmacy	15/2/19	(Urgent) Simulation Server PhIS v2.0.1.3: Outpatient and Inpatient - Filter partial dispense record	Received email from user to request Filter partial dispense record by 'Next Dispense At' for outpatient. Kindly refer attachment for reference.  No 'Next Dispense At' button	Missing filter in OP Screening & Verification screen	6/3/19	
10	I-PhIS050249719S	Hospital Miri	Outpatient Pharmacy	21/2/19	Medication Order (SPUB) - Unable to add drug - Online SPUB appear SPUB OUT Rx	Email: Please refer attachment. We wasted lots of time to get this manual SPUB from PJHUS transcribed due to error and inconsistencies. My colleagues and I tried many times to click the	Currently SPUB Online button display on medication Order if SPUB type 'referred' and 'received'	12/3/19	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						<p>"add" button at medication order module, but it does not work. Clicking into the online SPUB button (refer attachment) you can see that it still show 2018 MIRI HOSPITAL SPUB TO KK BEKENU. Why is it still there? That rx expired long time ago. Year 2018. After numerous tries, suddenly the system pop-up a blank SPUB form as you can see in the last pic of the attachment. Please help sort it out to prevent further difficulties and this will affect our 100% transcribing.</p> <p>MRN: HMIRI00136087</p>			
11	I-PhIS050795119S	Klinik Kesihatan Greentown	Outpatient Pharmacy	18/3/19	Screening & verification - Label not printed all	<p>Tech Akmal reported on behalf user , Cik Sherdila inform label not printed all when print. Example have 3 drug, when print only 2 drug appear. User need to print manually.Tech already check no issue with printer and java.</p> <p>Example MRN : KKE08004500237222- siti khadijah bt ismail.</p>	In order to close the Popup window for direct printing, timeout was set to 10sec, if printing of label took more than 10sec including (generate pdf, loading into screen, printing to the printer). Because of this timeout, lables were not printed all at times.	18/3/19	
12	I-PhIS050795219S	Klinik Kesihatan Greentown	Outpatient Pharmacy	18/3/19	Screening & verification -White Box display on screen	Tech Akmal reported on behalf Cik Sherdila, white box appear when user click the button print.Happen for all patient. Confirm by user no error or notification pop up only white box display and sometime	Earlier popup was used to print the pdf.	18/3/19	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						system became hang. Printer able to print without issue.			
13	I-PhIS050423319S	MUSB/PFB Limbang	Pharmacy Inventory	1/3/19	PO Indent - System automatically issue when have same two batch different brand	Miss Amanda reported double transaction recorded for reported item. Kindly refer attachment provided.  Item: 02.3001.01 - Paracetamol 500 mg tablet Issue No: E02PS001-00006499	Auto issue have issue if 2 different items have same batch, and caused stock deducted twice.	11/3/19	
14	I-PhIS050437119S	Hospital Wanita & Kanak-kanak Sabah	Pharmacy Inventory	1/3/19	Receive intra-Transaction missing-Requisition Order	User reported already click save on receiving internal transaction no. from task list. After user click on KEWPS10 button and close screen, transaction was missing. User try to search again at screen receive intra facility, transaction no. not appear. Indent No.: RO19000037 Item code: 07.0700.02 Receipt no.: RI19002340	Query not handled properly for Receiving Listing	5/3/19	
15	I-PhIS050181119S	Hospital Seberang Jaya	Report/Enquiry	19/2/19	Issue Report - Direct issue record not appear (Filter by Intra Facility)	Email: I would like to know how can i generate the statistic issue data (BY Requisition order) from phis. Data where i get from (transcation summary, issue report). It will not show us the direct issue type data for item non standard (created by requisition order) example: item Factor VIIa (Recombinant) eptacog alfa (activated) 100 KIU (2 mg) Injection Direct issue no : D02PS001-0000249 amount RM 52480 issue	Query condition not handled properly for intra	4/3/19	



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						date 11/2/19 this transaction not appear in issue report that i generated ID: 831206085167			
16	I-PhIS050287119S	Hospital Beaufort	Report/Enquiry	22/2/19	Below buffer - Item not appear if there is no PO created	User reported item not appear for non drug item when she generate below buffer. But confirmed by user, stock available already 0 for that item. User filter Item Group as non-drug and for Quantity Available , Item Sub Class and Standard Item as All, no record found. Non drug code: B2050250001 V1823	Query for filter not handled properly.	6/3/19	

Verified and Acknowledged By:

Signature: \_\_\_\_\_ Name: \_\_\_\_\_  
Date: \_\_\_\_\_ Designation: \_\_\_\_\_

Signature: \_\_\_\_\_ Name: \_\_\_\_\_  
Date: \_\_\_\_\_ Designation: \_\_\_\_\_

## 4 Refinement List – Detail Changes

### 4.1 Report/Enquiry – Below Buffer Level

CR No	Module	Function	Description
R190037	Report/Enquiry	Below Buffer Level Report	Enhance: 1. Add filter by a. Item Purchase Type b. Facility / Unit Catalogue Status c. Drug/Non-Drug Name 2. Add new field in report header a. Item Purchase Type b. Facility/Unit Catalogue Status 3. Add new column in report a. Standard/Non-Standard and Item Purchase Type Column

BELOW BUFFER LEVEL REPORT

Unit Name:

Item Group:

Item Class / Sub Class:

Drug/Non-Drug Name:

Item Purchase Type:

Standard Item:

Quantity Available:

Facility Status:

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Drug/Non Drug Code	Drug/Non Drug Name	Packaging Description	Standard Item (Y/N)	Item Purchase Type	SKU	Buffer Level Quantity	Available Quantity	Back Order Quantity	Below Buffer Quantity	Max Storage Quantity
J05AB01000P4001XX	Acyclovir 250mg/10ml Injection	Pack of 5 vials	Y	APPL	vial	49	0	0	49	73
C01CA24123P3001XX	Adrenaline Acid Tartrate 1mg/ml Injection	Pack of 10 amps	Y	APPL	amp	3	0	0	3	5
R03DA05000P3001XX	Aminophylline 25mg/ml in 10ml Injection (250mg/10ml)	ampoule	Y	APPL	amp	3	0	10	3	5
R03DA05000P3001XX	Aminophylline 25mg/ml in 10ml Injection (250mg/10ml)	Pack of 10 amps	Y	APPL	amp	3	0	10	3	5
R03DA05000P3001XX	Aminophylline 25mg/ml in 10ml Injection (250mg/10ml)	pack of 5 ampoule	Y	APPL	amp	3	0	10	3	5

REPORT

**KEMENTERIAN KESEHATAN MALAYSIA**  
Hospital Tanah Merah

**BELOW BUFFER LEVEL REPORT**

Item Group : DRUG

Item Purchase Type : APPL

Available Quantity : All

Item Sub Class : Injectables

Facility Status : Active

NO.	Drug / Non-Drug Code	Drug / Non-Drug Name	Packaging Description	Item Standard (Y/N)	Item Purchase Type	SKU	Buffer Level Quantity	Available Quantity	Back Order Quantity	Below Buffer Quantity	Max Storage Quantity	Remarks
1	J05AB01000P4001XX	Acyclovir 250mg/10ml Injection	Pack of 5 vials	Y	APPL	vial	49	0	0	49	73	
2	C01CA24123P3001XX	Adrenaline Acid Tartrate 1mg/ml Injection	Pack of 10 amps	Y	APPL	amp	3	0	0	3	5	
3	R03DA05000P3001XX	Aminophylline 25mg/ml in 10ml Injection (250mg/10ml)	ampoule	Y	APPL	amp	3	0	10	3	5	
4	R03DA05000P3001XX	Aminophylline 25mg/ml in 10ml Injection (250mg/10ml)	pack of 5 ampoule	Y	APPL	amp	3	0	10	3	5	
5	R03DA05000P3001XX	Aminophylline 25mg/ml in 10ml Injection (250mg/10ml)	Pack of 10 amps	Y	APPL	amp	3	0	10	3	5	



Excel

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J22

	A	B	C	D	E	F	G	H	I	J	K	L	M
	N	Drug/Non-Drug Code	Drug/Non-Drug Name	Packaging Description	Item Standard (Y/N)	Item Purchase Type	SKU	Buffer Level Quantity	Available Quantity	Back Order Quantity	Below Buffer Quantity	Max Storage Quantity	Remarks
1	1	D00A400000300000	Amikacin 500mg/5ml Injection (2ml)	ampoule	Y	APPL	g	800	0	0	497	1,000	
2	2	S00C209990100000	Frangipin, Desamethasone, Gramicidin Ear Drops (Sofrades)	Pack of 10 bottle	Y	APPL	bott	12	0	0	12	24	
3	3	V03AB010P300000	Naloxone HCl 0.02mg/ml Injection (2ml)	ampoule	Y	APPL	amp	160	0	0	160	320	
4	4	V03AB010P300000	Naloxone HCl 0.02mg/ml Injection (2ml)	Pack of 10 amps	Y	APPL	amp	160	0	0	160	320	
5	5	C10AA01000T002000	Simvastatin 20 mg Tablet	Pack of 30 tabs	Y	APPL	tablet	7,200	0	0	7,200	14,400	
6	6	RAV00041	Soda Lime Granules BPAUSP	Pack of 4.5 Kg	Y	APPL	bott	9,000	2	0	8,998	18,000	



## 4.2 Report/Enquiry – LOU Report

CR No	Module	Function	Description
R190038	Report/Enquiry	LOU Report - New	<p>New LOU Report:</p> <ol style="list-style-type: none"> <li>1. Search criteria:               <ol style="list-style-type: none"> <li>a. Item Group</li> <li>b. Item Class / Sub Class</li> <li>c. Item Purchase Type</li> <li>d. No of Days to be Expired</li> <li>e. Date From &amp; Date To (Actual Good Received Date)</li> <li>f. Supplier</li> </ol> </li> <li>2. Report Details:               <ol style="list-style-type: none"> <li>a. LPO Number</li> <li>b. LPO Date</li> <li>c. DO Number</li> <li>d. Receiving Number</li> <li>e. Receiving Date (actual good received)</li> <li>f. Supplier Name</li> <li>g. Item code</li> <li>h. Item name</li> <li>i. Item packaging</li> <li>j. Batch Number</li> <li>k. Expiry Date</li> <li>l. Receiving QTY</li> <li>m. Stock Available</li> <li>n. Number of Days (Expiry Date - Receiving date)</li> </ol> </li> <li>3. Sorting of report – By Item Name, ascending</li> </ol>

The screenshot displays the 'LOU REPORT' web application interface. At the top, there are search filters for 'Item Group' (set to DRUG), 'Item Class / Sub Class' (set to All), 'Goods Received Date From' (01/12/2018), 'Goods Received Date To' (31/03/2019), 'Item Purchase Type', 'Days to Expiry', 'Supplier', and 'UOM' (set to PKU). A 'Search' button is located below the filters. Below the filters is a table with 14 columns: Item Code, Item Description, LPO No., LPO Approval Date/Time, DO No., Received No., Goods Received Date/Time, Supplier Name, Packaging Description, PKU, Batch No., Expiry Date, Received Qty (PKU), Stock Available Qty (PKU), and Days To Expiry. The table contains three rows of data for different items.

Item Code	Item Description	LPO No.	LPO Approval Date/Time	DO No.	Received No.	Goods Received Date/Time	Supplier Name	Packaging Description	PKU	Batch No.	Expiry Date	Received Qty (PKU)	Stock Available Qty (PKU)	Days To Expiry
J05AR02964 T1001XX.01	Abacavir Sulphate 600mg + Lamivudine 300mg Tab	LP130317	13/03/2019 14:01:00		P190001404	13/03/2019 14:03:30	2K MEDICARE SDN BHD	pack of 30 tablet	pck	DD2123	06/00/2019	50	50	22
A01AD0211 0M2001XX.01	Benzydamine HCl 0.15% Solution	LP280202	28/02/2019 10:30:00		P190001381	28/02/2019 10:31:57	3A PHARMA	bottle of 100 millilitre	bott	EIP030	30/00/2019	3	3	15
R01AD0500 0A4101XX.0	Budesonide 50mcg Nasal Spray	LP120302	12/03/2019 15:33:00		P190001397	12/03/2019 18:19:36	3A PHARMA	Cannister	cannister	12454	31/00/2019	2	2	16



Export to Excel

**KEMENTERIAN KESIHATAN MALAYSIA**  
Hospital Tanah Merah

**LOU REPORT**

Date From : 01/12/2018 Date To : 31/03/2019

Item Group : DRUG Item Purchase Type : All

Item Class / Subclass : All Days to Expiry :

No	Item Code	Item Description	LPO No	LPO Approval Date/Time	DO No	Received No	Goods Received Date/Time	Supplier Name	Packaging Description	PKU	Batch No	Expiry Date	Received Qty(PKU)	Stock Available Qty(PKU)	Days to Expiry
1	J05AR02964T1001XX.01	Abacavir Sulphate 600mg + Lamivudine	LP13031	13/03/2019 14:01:00		P19000140	13/03/2019 14:03:30	2K MEDICARE SDN BHD	pack of 30 tablet	pck	DD2123	06/04/2019	50	50	22
2	A01AD02110M2001XX.01	Benzylamine HCl 0.15% Solution	LP28020	28/02/2019 10:30:00		P19000138	28/02/2019 10:31:57	3A PHARMA	bottle of 100 millilitre	bott	EIP030	30/03/2019	3	3	15
3	R01AD05000A4101XX.01	Budesonide 50mcg Nasal Spray	LP12030	12/03/2019 15:33:00		P19000139	12/03/2019 18:19:36	3A PHARMA	Cannister	cannister	12454	31/03/2019	2	2	16
4	S02AA00000D1002XX.01	Clotrimazole 1% Ear Drop	LPO4554	12/03/2019 18:34:00		P19000139	12/03/2019 18:38:46	AAQID GLOBAL RESOURCES	Bottle	bott	DMHTM15	31/03/2019	3	3	16
5	S02AA00000D1002XX.01	Clotrimazole 1% Ear Drop	LPO4554	12/03/2019 18:34:00		P19000139	12/03/2019 18:53:10	AAQID GLOBAL RESOURCES	Bottle	bott	DMHTM15	31/03/2019	1	3	16
6	P03A00000G1001XX.01	Crotamiton 10% Cream	LPO0823	13/03/2019 12:59:00		P19000140	13/03/2019 13:05:55	3A PHARMA	tube of 15 gram	tube	P03A000	06/04/2019	3	0	22
7	D01AC08000L5201XX.02	Ketoconazole 2% Shampoo	LPO0823	13/03/2019 12:59:00		P19000140	13/03/2019 13:05:55	3A PHARMA	bottle of 100 millilitre	bott	000L520	06/04/2019	8	0	22
8	N02BE01000L8002.02	Paracetamol 250mg/5ml Syrup	lp1712	12/03/2019 19:08:00		P19000140	12/03/2019 19:10:27	AARGYP SCIENTIFIC SDN. BHD	bottle of 60 ml	bott	gfdgfdg	28/03/2019	5	0	13
9	013030.03.306T	Povidone Iodine 10% Solution	LP210201	21/02/2019 17:01:00		P19000136	21/02/2019 17:07:53	3A PHARMA	bottle of 500 millilitre	bott	LFP001	02/04/2019	10	10	18
10	013030.03.306T	Povidone Iodine 10% Solution	LP250201	25/02/2019 15:21:00		P19000137	25/02/2019 15:24:30	2K MEDICARE SDN BHD	bottle of 500 millilitre	bott	EIP006	16/03/2019	5	5	1
11	B05XA03100P6002I.01	Sodium Chloride 0.3% 1000mL Irrigation Soln	Test123	12/03/2019 16:24:00		P19000135	12/03/2019 16:25:52	4U-TECH CORPORATION SDN. BHD.	Bottle	bott	3100	06/04/2019	100	100	22
12	014201.01.153T	Sodium Valproate 200mg/5ml Syrup	LP210204	21/02/2019 17:19:00		P19000132	03/03/2019 11:23:07	PHARMANIAGA LOGISTIC SDN BHD	Bottle of 300 ml	bott	BG667222	31/07/2019	10	10	138

Printed Date : 15/03/2019 Printed By : Admin Admin/Author Job Name : PHIS/LOU REPORT Source : PHIS Page 1 of 2

**KEMENTERIAN KESIHATAN MALAYSIA**  
Hospital Tanah Merah

**LOU REPORT**

Date From : 01/12/2018 Date To : 31/03/2019

Item Group : DRUG Item Purchase Type : All

Item Class / Subclass : All Days to Expiry :

No	Item Code	Item Description	LPO No	LPO Approval Date/Time	DO No	Received No	Goods Received Date/Time	Supplier Name	Packaging Description	PKU	Batch No	Expiry Date	Received Qty(PKU)	Stock Available Qty(PKU)	Days to Expiry
1	J05AR02964T1001XX.01	Abacavir Sulphate 600mg + Lamivudine	LP13031	13/03/2019 14:01:00		P19000140	13/03/2019 14:03:30	2K MEDICARE SDN BHD	pack of 30 tablet	pck	DD2123	06/04/2019	50	50	22
2	A01AD02110M2001XX.01	Benzylamine HCl 0.15% Solution	LP28020	28/02/2019 10:30:00		P19000138	28/02/2019 10:31:57	3A PHARMA	bottle of 100 millilitre	bott	EIP030	30/03/2019	3	3	15
3	R01AD05000A4101XX.01	Budesonide 50mcg Nasal Spray	LP12030	12/03/2019 15:33:00		P19000139	12/03/2019 18:19:36	3A PHARMA	Cannister	cannister	12454	31/03/2019	2	2	16
4	S02AA00000D1002XX.01	Clotrimazole 1% Ear Drop	LPO4554	12/03/2019 18:34:00		P19000139	12/03/2019 18:38:46	AAQID GLOBAL RESOURCES	Bottle	bott	DMHTM15	31/03/2019	3	3	16
5	S02AA00000D1002XX.01	Clotrimazole 1% Ear Drop	LPO4554	12/03/2019 18:34:00		P19000139	12/03/2019 18:53:10	AAQID GLOBAL RESOURCES	Bottle	bott	DMHTM15	31/03/2019	1	3	16

FILE HOME INSERT PAGE LAYOUT FORMULAS DATA REVIEW VIEW Sign in

SansSerif 8 A A Wrap Text General

B I U Font Alignment Number Styles Cells Editing

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
No	Item Code	Item Description	LPO No	LPO Approval Date/Time	DO No	Received No	Goods Received Date/Time	Supplier Name	Packaging Description	PKU	Batch No	Expiry Date	Received Qty(PKU)	Stock Available Qty(PKU)	Days to Expiry	
1	J05AR02964T1001XX.01	Abacavir Sulphate 600mg + Lamivudine 300mg Tab	LP13031	13/03/2019 14:01:00		P19000140	13/03/2019 14:03:30	2K MEDICARE SDN BHD	pack of 30 tablet	pck	DD2123	06/04/2019	50	50	22	
2	A01AD02110M2001XX.01	Benzylamine HCl 0.15% Solution	LP28020	28/02/2019 10:30:00		P19000138	28/02/2019 10:31:57	3A PHARMA	bottle of 100 millilitre	bott	EIP030	30/03/2019	3	3	15	
3	R01AD05000A4101XX.01	Budesonide 50mcg Nasal Spray	LP12030	12/03/2019 15:33:00		P19000139	12/03/2019 18:19:36	3A PHARMA	Cannister	cannister	12454	31/03/2019	2	2	16	
4	S02AA00000D1002XX.01	Clotrimazole 1% Ear Drop	LPO4554	12/03/2019 18:34:00		P19000139	12/03/2019 18:38:46	AAQID GLOBAL RESOURCES	Bottle	bott	DMHTM15	31/03/2019	3	3	16	
5	S02AA00000D1002XX.01	Clotrimazole 1% Ear Drop	LPO4554	12/03/2019 18:34:00		P19000139	12/03/2019 18:53:10	AAQID GLOBAL RESOURCES	Bottle	bott	DMHTM15	31/03/2019	1	3	16	
6	P03A00000G1001XX.01	Crotamiton 10% Cream	LPO0823	13/03/2019 12:59:00		P19000140	13/03/2019 13:05:55	3A PHARMA	tube of 15 gram	tube	P03A000	06/04/2019	3	0	22	
7	D01AC08000L5201XX.02	Ketoconazole 2% Shampoo	LPO0823	13/03/2019 12:59:00		P19000140	13/03/2019 13:05:55	3A PHARMA	bottle of 100 millilitre	bott	000L520	06/04/2019	8	0	22	
8	N02BE01000L8002.02	Paracetamol 250mg/5ml Syrup	lp1712	12/03/2019 19:08:00		P19000140	12/03/2019 19:10:27	AARGYP SCIENTIFIC SDN. BHD	bottle of 60 ml	bott	gfdgfdg	28/03/2019	5	0	13	
9	013030.03.306T	Povidone Iodine 10% Solution	LP210201	21/02/2019 17:01:00		P19000136	21/02/2019 17:07:53	3A PHARMA	bottle of 500 millilitre	bott	LFP001	02/04/2019	10	10	18	
10	013030.03.306T	Povidone Iodine 10% Solution	LP250201	25/02/2019 15:21:00		P19000137	25/02/2019 15:24:30	2K MEDICARE SDN BHD	bottle of 500 millilitre	bott	EIP006	16/03/2019	5	5	1	
11	B05XA03100P6002I.01	Sodium Chloride 0.3% 1000mL Irrigation Soln	Test123	12/03/2019 16:24:00		P19000135	12/03/2019 16:25:52	4U-TECH CORPORATION SDN. BHD.	Bottle	bott	3100	06/04/2019	100	100	22	
12	014201.01.153T	Sodium Valproate 200mg/5ml Syrup	LP210204	21/02/2019 17:19:00		P19000132	03/03/2019 11:23:07	PHARMANIAGA LOGISTIC SDN BHD	Bottle of 300 ml	bott	BG667222	31/07/2019	10	10	138	

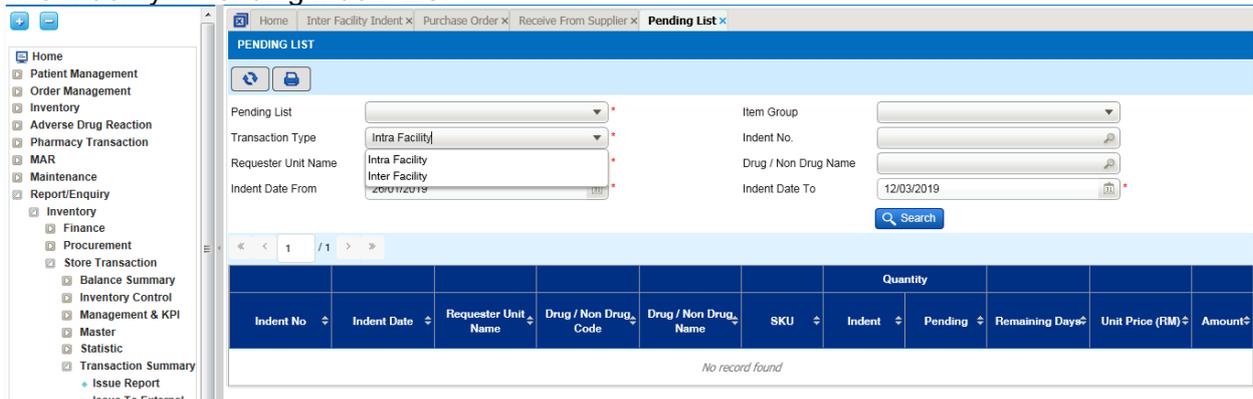
LOU REPORT



### 4.3 Report/Enquiry – Pending List

CR No	Module	Function	Description
R190039	Report/Enquiry	Pending List	<ol style="list-style-type: none"> <li>1. Add Filter by Transaction Type               <ol style="list-style-type: none"> <li>a. Inter Facility</li> <li>b. Intra Facility</li> </ol> </li> <li>2. Change Supplying / Requester Unit name according to selection of Transaction Type               <ol style="list-style-type: none"> <li>a. Inter Facility selected                   <ol style="list-style-type: none"> <li>i. Supplying Unit Name change to Supplying Facility Name (Pending Indent List)</li> <li>ii. Requester Unit Name change to Requester Facility Name (Pending Issue List)</li> </ol> </li> <li>b. Intra Facility selected                   <ol style="list-style-type: none"> <li>i. Remain Supplying Unit Name (Pending Indent List)</li> <li>ii. Remain Requester Unit Name (Pending Issue List)</li> </ol> </li> </ol> </li> </ol>

#### Inter Facility – Pending Indent List



Home | Inter Facility Indent x | Purchase Order x | Receive From Supplier x | Pending List x

**PENDING LIST**

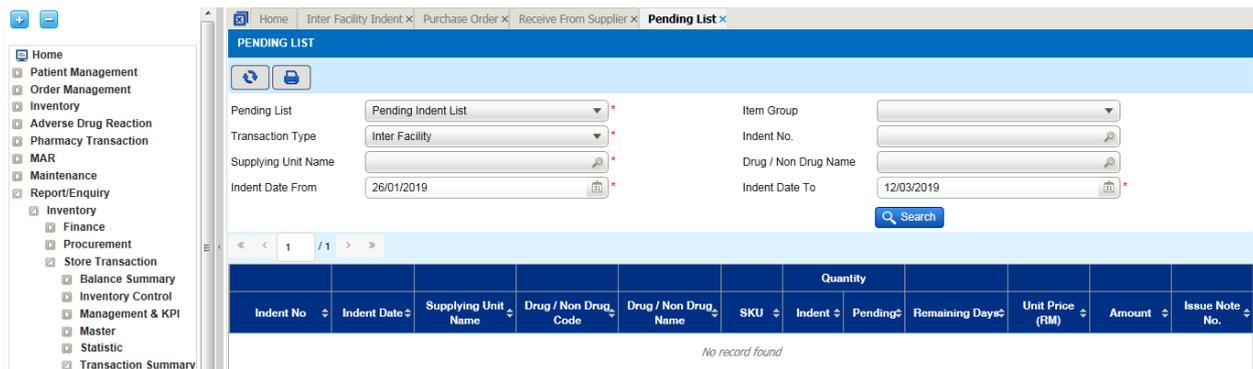
Pending List:  Item Group:

Transaction Type:  Indent No.:

Requester Unit Name:  Drug / Non Drug Name:

Indent Date From:  Indent Date To:

							Quantity				
Indent No	Indent Date	Requester Unit Name	Drug / Non Drug Code	Drug / Non Drug Name	SKU	Indent	Pending	Remaining Days	Unit Price (RM)	Amount	
No record found											



Home | Inter Facility Indent x | Purchase Order x | Receive From Supplier x | Pending List x

**PENDING LIST**

Pending List:  Item Group:

Transaction Type:  Indent No.:

Supplying Unit Name:  Drug / Non Drug Name:

Indent Date From:  Indent Date To:

							Quantity				
Indent No	Indent Date	Supplying Unit Name	Drug / Non Drug Code	Drug / Non Drug Name	SKU	Indent	Pending	Remaining Days	Unit Price (RM)	Amount	Issue Note No.
No record found											



Home | Inter Facility Indent x | Purchase Order x | Receive From Supplier x | Pending List x

**PENDING LIST**

Pending List: Pending Indent List | Item Group: [ ]

Transaction Type: Inter Facility | Indent No.: [ ]

Supplying Facility Name: Klinik Kesihatan Bandar Maharani | Drug / Non Drug Name: [ ]

Indent Date From: 26/01/2019 | Indent Date To: 12/03/2019

[ Search ]

<< 1 / 1 >> [ 1 - 5 / 5 ]

Indent No	Indent Date	Supplying Facility Name	Drug / Non Drug Code	Drug / Non Drug Name	SKU	Quantity		Remaining Days	Unit Price (RM)	Amount	Issue Note No.
						Indent	Pending				
R1903PS001-0002758	26/02/2019	11-03090018	N05BA12000T1002XX	Alprazolam 0.5 mg Tablet	tablet	200	200	31	0.9200	184.00	-
R1903PS001-0002758	26/02/2019	11-03090018	M05BA04520T1001XX	Alendronate Sodium 70 mg Tablet	tablet	3	3	31	2.2725	6.82	-
R1903PS001-0002758	26/02/2019	11-03090018	B05XA03100P0002e	Sodium Chloride 0.9% 500mL Irrigation Soln	bott	15	15	31	1.5062	22.59	-
R1903PS001-0002758	26/02/2019	11-03090018	M03BX01000T1001XX	Baclofen 10 mg Tablet	tablet	4,550	4,550	31	0.8816	4,011.28	-
R1903PS001-0002759	26/02/2019	11-03090018	B05XA03100P0002e	Sodium Chloride 0.9% 500mL Irrigation Soln	bott	10	10	31	1.5062	15.06	-

### Inter Facility – Pending Issue List

Home | Inter Facility Indent x | Purchase Order x | Receive From Supplier x | Pending List x

**PENDING LIST**

Pending List: Pending Issue List | Item Group: [ ]

Transaction Type: Inter Facility | Indent No.: [ ]

Requester Unit Name: [ ] | Drug / Non Drug Name: [ ]

Indent Date From: 26/01/2019 | Indent Date To: 12/03/2019

[ Search ]

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

Indent No	Indent Date	Requester Unit Name	Drug / Non Drug Code	Drug / Non Drug Name	SKU	Indent	Pending	Remaining Days	Unit Price (RM)	Amount	Issue Note No.
No record found											

Home | Inter Facility Indent x | Purchase Order x | Receive From Supplier x | Pending List x

**PENDING LIST**

Pending List: Pending Issue List | Item Group: [ ]

Transaction Type: Inter Facility | Indent No.: [ ]

Requester Unit Name: Klinik Kesihatan Greentown | Drug / Non Drug Name: [ ]

Indent Date From: 26/01/2019 | Indent Date To: 12/03/2019

[ Search ]

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

Indent No	Indent Date	Requester Unit Name	Drug / Non Drug Code	Drug / Non Drug Name	SKU	Indent	Pending	Remaining Days	Unit Price (RM)	Amount	Issue Note No.
R19002765	12/03/2019	Klinik Kesihatan Greentown	J01EE01961L8001XX	Trimethoprim 40mg/5ml Susp +Sulphamethoxazole(dose in TMP only)	ml	3,200	3,200	45	0.0308	98.56	-
R19002765	12/03/2019	Klinik Kesihatan Greentown	N03AG01520L9001XX	Sodium Valproate 200 mg/5 ml Syrup	ml	8,100	8,100	45	0.0333	269.73	-
R19002765	12/03/2019	Klinik Kesihatan Greentown	A11CC03000D5001XX	Alfacalcidol 2 mcg/ml Drops (0.1mcg/drop)	ml	200	200	45	11.4470	2,289.40	-
R19002766	12/03/2019	Klinik Kesihatan Greentown	L01AX04000P4001XX	Dacarbazine 100mg/10ml Injection	vial	55	55	45	0.0000	0.00	-



### Intra Facility – Pending Indent List

Home | Intra Facility Indent x | Purchase Order x | Receive From Supplier x | Pending List x

**PENDING LIST**

Pending List: Pending Indent List  
 Transaction Type: Intra Facility  
 Supplying Unit Name: [Search]  
 Indent Date From: 26/01/2019  
 Item Group: [Dropdown]  
 Indent No.: [Search]  
 Drug / Non Drug Name: [Search]  
 Indent Date To: 12/03/2019

[Search]

<< 1 / 1 >>

Indent No	Indent Date	Supplying Unit Name	Drug / Non Drug Code	Drug / Non Drug Name	SKU	Quantity	Remaining Days	Unit Price (RM)	Amount	Issue Note No.
No record found										

Home | Pending List x | Intra Facility Indent x

**PENDING LIST**

Pending List: Pending Indent List  
 Transaction Type: Intra Facility  
 Supplying Unit Name: FARMASI LOGISTIK  
 Indent Date From: 01/01/2019  
 Item Group: [Dropdown]  
 Indent No.: [Search]  
 Drug / Non Drug Name: [Search]  
 Indent Date To: 15/03/2019

[Search]

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

Indent No	Indent Date	Supplying Unit Name	Drug / Non Drug Code	Drug / Non Drug Name	SKU	Quantity	Remaining Days	Unit Price (RM)	Amount	Issue Note No.
K19002755	22/02/2019	FARMASI LOGISTIK	A11CC08000C1001XX	Alfacalcidol 0.25mcg Capsule	capsule	1,500	25	0.2438	365.40	-
K19002770	12/03/2019	FARMASI LOGISTIK	L01BA01000T1001XX	Methotrexate 2.5 mg Tablet	tablet	336	43	0.3604	121.09	-

Home | Pending List x | Intra Facility Indent x

**INTRA FACILITY INDENT**

Indent No.: [Search]  
 Indent Date From: 01/01/2019  
 Created By: [Search]  
 Indent Status: All  
 Item Group: All  
 Indent Date To: 15/03/2019  
 Approval Status: Approved  
 Drug/Non-Drug Name: [Search]

[Search]

<< 1 / 1 >> [1 - 4 / 4]

Indent No.	Indent Date	Created By	Supplying Unit	Item Group	No. of Items	Amount (RM)	Indent Status	Approval Status	RIQ Status
K19002770	12/03/2019	ZALINA BT IBRAHIM	FARMASI LOGISTIK	DRUG	1	121.09	Open	Approved	Open
K19002755	22/02/2019	ZALINA BT IBRAHIM	FARMASI LOGISTIK	DRUG	1	365.40	Open	Approved	Draft
K19002752	20/02/2019	ZALINA BT IBRAHIM	FARMASI GALENIKAL	DRUG	3	15.33	Open	Approved	Open
K19002751	21/02/2019	ZALINA BT IBRAHIM	FARMASI GALENIKAL	DRUG	4	5,589.61	Open	Approved	Open



### Intra Facility – Pending Issue List

- Home
- ☑ Patient Management
- ☑ Order Management
- ☑ Inventory
  - ☑ Finance
  - ☑ Procurement
  - ☑ Inventory Management
    - ☑ Distribution
    - ☑ Receive Item
    - ☑ Stock Taking and
- Verification
  - ☑ Product Quality
  - ☑ Expiration and Condemn
  - ☑ Returned Item
  - ☑ Others
- ☑ Adverse Drug Reaction
- ☑ Pharmacy Transaction
- ☑ MAR
- ☑ Maintenance
- ☑ Report/Enquiry

Home
Pending List
Intra Facility Indent

**PENDING LIST**

Pending List:

Transaction Type:

Requester Unit Name:

Indent Date From:

Item Group:

Indent No.:

Drug / Non Drug Name:

Indent Date To:

[ 1 - 3 / 3 ]

Indent No	Indent Date	Requester Unit Name	Drug / Non Drug Code	Drug / Non Drug Name	SKU	Quantity		Remaining Days	Unit Price (RM)	Amount	Issue Note No.
						Indent	Pending				
K19002760	27/02/2019	FARMASI PESAKIT DALAM (FILLING)	B01AA03520T1003XX	Warfarin Sodium 3 mg Tablet	tablet	750	750	29	0.0000	0.00	-
K19002757	28/02/2019	FARMASI PESAKIT DALAM (FILLING)	A03FA03253T1001XX	Domperidone 10 mg Tablet	tablet	2,833	2,833	29	0.1016	287.83	-
K19002757	28/02/2019	FARMASI PESAKIT DALAM (FILLING)	J05AB01000L8001XX	Acyclovir 200 mg/5 ml Suspension	ml	694	685	29	0.2917	202.44	-



### 4.4 Report/Enquiry – CDR Registry

CR No	Module	Function	Description
R190040	Report/Enquiry	CDR Registry - Update report criteria	<p>Improve the list by show all drugs from Drug master where:</p> <ul style="list-style-type: none"> <li>i. Infusion drug (Dispense Qty) &gt; 0</li> <li>ii. Normal drug (Dispense Qty) &gt; 0</li> </ul> <p>And in Medication order, order status is not Cancelled, Stop or Discontinue. Other order status, for example In Progress, Partial Dispensed or Dispensed should include in report if have dispensed_qty value.</p>

Original Prescription Serial No:

**COLLECTION DETAILS**

Dispensed To: AXXXX.XXXXXXXXXX  
 Dispensed At: Pharmacy Counter

**CONFIRMATION**  
 CONF0064: Do you want to dispense now?  
 [Cancel] [Yes] [No]

**PRESCRIPTION**

Drug/Diluent Name	Dose	Dose Qty	Order Details	Total Order Qty	No. of Dose	Prepare Qty	Bal Qty	Prepare Admixture	Outsource	Prev Disp Qty	Remarks	Status	Completed
Cyclophosphamide 1g/50ml Injection	1305 mg	65.25 ml	750 mg/m2, OD (once daily), Day: 1 Schedule	2 vial	0 of 1 dose (s) supplied	2 vial	2 vial			0 vial	Remarks	PREPARED	<input type="checkbox"/>
Doxorubicin HCl 50mg/25ml Injection	87 mg	43.5 ml	50 mg/m2, OD (once daily), Day: 1 Schedule	2 vial	0 of 1 dose (s) supplied	2 vial	2 vial			0 vial	Remarks	PREPARED	<input type="checkbox"/>
Vincristine Sulphate 1mg Injection	2.44 mg	2.44 ml	1.4 mg/m2, OD (once daily), Day: 1-5 Schedule	15 vial	0 of 5 dose (s) supplied	6 vial	15 vial			0 vial	Remarks	PREPARED	<input type="checkbox"/>
Sodium Chloride 0.9% 100mL IV soln		100 ml	20 mg/m2, TDS (3 times a day), Day: 1-5 Schedule	5 bott	0 of 5 dose(s) supplied	2 bott	5 bott			0 bott	Remarks	PREPARED	<input type="checkbox"/>
Prednisolone 5 mg Tablet	34.8 mg	6.06 tablet		105 tablet	0 of 15 dose(s) supplied	21 tablet	105 tablet			0 tablet	Remarks	PREPARED	<input type="checkbox"/>

**CDR REGISTRY**

Preparation Date From: 12/03/2019  
 Regimen Category: All  
 Regimen:   
 Regimen Drug Name:   
 Diluent Name:   
 Patient Name:

Preparation Date To: 12/03/2019  
 Visit Location Type: All  
 Visit Location: All  
 Active Ingredient:   
 Dosage Form:   
 Admin Route:

Basic Search [Search]

Patient Name	Rx No	Drug Name	Qty	Coet (RM)	Diluent Name	Qty	Coet (RM)	Total Coet (RM)	Verified By	Prepared By	Dispensed By
AXXXX XXXXXXXXXX	WAD10000387218	Vincristine Sulphate 1mg Injection	6 vial	150.54	Sodium Chloride 0.9% 100mL IV soln	2 bottle	6.20	156.74	NOR ASMAH BINTI MOHD NOOR	NOR ASMAH BINTI MOHD NOOR	NOR ASMAH BINTI MOHD NOOR
AXXXX XXXXXXXXXX	WAD10000387218	Cyclophosphamide 1g/50ml Injection	2 vial	84.22			0.00	84.22	NOR ASMAH BINTI MOHD NOOR	NOR ASMAH BINTI MOHD NOOR	NOR ASMAH BINTI MOHD NOOR
AXXXX XXXXXXXXXX	WAD10000387218	Doxorubicin HCl 50mg/25ml Injection	2 vial	128.24			0.00	128.24	NOR ASMAH BINTI MOHD NOOR	NOR ASMAH BINTI MOHD NOOR	NOR ASMAH BINTI MOHD NOOR
AXXXX XXXXXXXXXX	WAD10000387218	Prednisolone 5 mg Tablet	21 tablet	3.36			0.00	3.36	NOR ASMAH BINTI MOHD NOOR	NOR ASMAH BINTI MOHD NOOR	NOR ASMAH BINTI MOHD NOOR

Total Patient: 1  
 Total Cost (RM): 372.56  
 Total Case: 1  
 Total Dose Prepared: 7



**CDR PREPARATION**

Prescription X

XXXXXXXXXXXX Mykad 700105034082 Age 49 Years 02 Months 07 Days Gender Female MRN htmh0001971

Address Phone And Email Diagnosis No known Allergies

Height 160 cm Weight 60 kg BMI/BSA 24 / 1.74 m<sup>2</sup> (Last Updated : 12/03/2019 ) Nationality : Warganegara

Encounter No: 0022 Actual Admission Date: 12/03/2019 Attending Practitioner: Current Visit Location WAD 1 Rx No: WAD10000367218 Order By: DR NURWAHIDA BINTI RASHID Cycle Start Date: 12/03/2019

**PRESCRIPTION** Outsource CDR Cycle History Worksheet Label Prepare

Drug/Diluent Name	Dose	Dose Qty	Order Details	Total Order Qty	No. of Dose	Prepare Qty	Bal Qty	Prepare Admixture	Outsource	Prev Disp Qty	Remarks	Status
Vincristine Sulphate 1mg Injection	2.44 mg	2.44 ml	1.4 mg/m <sup>2</sup> , OD (once daily), Day: 1-5 Schedule	15 vial	2 of 5 dose(s) supplied	9 vial	9 vial			6 vial	Remarks	PARTIALLY DISPENSED
Sodium Chloride 0.9% 100mL IV soln		100 ml		5 bott		3 bott	3 bott			2 bott		
Prednisolone 5 mg Tablet	34.8 mg	6.96 tablet	20 mg/m <sup>2</sup> , TDS (3 times a day), Day: 1-5 Schedule	105 tablet	3 of 15 dose(s) supplied	84 tablet	84 tablet			21 tablet	Remarks	PARTIALLY DISPENSED

**CDR DISPENSING**

XXXXXXXXXXXX Mykad 700105034082 Age 49 Years 02 Months 07 Days Gender Female MRN htmh0001971

Address Phone And Email Diagnosis No known Allergies

Height 160 cm Weight 60 kg BMI/BSA 24 / 1.74 m<sup>2</sup> (Last Updated : 12/03/2019 ) Nationality : Warganegara

Encounter No: 0022 Actual Admission Date: 12/03/2019 Attending Practitioner: Current Visit Location WAD 1 Rx No: WAD10000367218 Order By: DR NURWAHIDA BINTI RASHID Cycle Start Date: 12/03/2019

**COLLECTION DETAILS**

Dispensed To: XXXXX XXXXXXXXXX Dispensed Date and Time: 12/03/2019 12:16:01 Remarks:

Dispensed At: Pharmacy Counter Collected By:

**PRESCRIPTION** CDR Cycle History Release/Oscard Label Dispense

Drug/Diluent Name	Dose	Dose Qty	Order Details	Total Order Qty	No. of Dose(s)	Prepare Qty	Bal Qty	Prepare Admixture	Outsource	Prev Disp Qty	Remarks	Status	Completed
Vincristine Sulphate 1mg Injection	2.44 mg	2.44 ml	1.4 mg/m <sup>2</sup> , OD (once daily), Day: 1-5 Schedule	15 vial	2 of 5 dose(s) supplied	9 vial	9 vial			6 vial	Remarks	PREPARED	
Sodium Chloride 0.9% 100mL IV soln		100 ml		5 bott		3 bott	3 bott			2 bott			
Prednisolone 5 mg Tablet	34.8 mg	6.96 tablet	20 mg/m <sup>2</sup> , TDS (3 times a day), Day: 1-5 Schedule	105 tablet	3 of 15 dose(s) supplied	84 tablet	84 tablet			21 tablet	Remarks	PREPARED	

**CDR REGISTRY**

Preparation Date From: 12/03/2019 Preparation Date To: 12/03/2019

Regimen Category: All Visit Location Type: All

Regimen: Visit Location: All

Regimen Drug Name: Active Ingredient:

Diluent Name: Dosage Form:

Patient Name: Admin Route:

Basic Search Search

Preparation Date	Department	Visit Location	Patient MFN	Patient Name	Rx No	Drug Name	Qty	Cost (RM)	Diluent Name	Qty	Cost (RM)
12/03/2019	General Medicine	WAD 1	htmh0001971	XXXXXXXXXXXX	WAD10000367218	Vincristine Sulphate 1mg Injection	6 vial	150.54	Sodium Chloride 0.9% 100mL IV soln	2 bottle	6.20
12/03/2019	General Medicine	WAD 1	htmh0001971	XXXXXXXXXXXX	WAD10000367218	Vincristine Sulphate 1mg Injection	9 vial	225.81	Sodium Chloride 0.9% 100mL IV soln	3 bottle	9.30
12/03/2019	General Medicine	WAD 1	htmh0001971	XXXXXXXXXXXX	WAD10000367218	Cyclophosphamide 1g/50ml Injection	2 vial	84.22			0.00
12/03/2019	General Medicine	WAD 1	htmh0001971	XXXXXXXXXXXX	WAD10000367218	Doxorubicin HCl 50mg/25ml Injection	2 vial	128.24			0.00
12/03/2019	General Medicine	WAD 1	htmh0001971	XXXXXXXXXXXX	WAD10000367218	Prednisolone 5 mg Tablet	105 tablet	16.80			0.00

Total Patient: 1 Total Cost (RM): 621.11

Total Case: 1 Total Dose Prepared: 22

### 4.5 Report/Enquiry – SPUB Activities

CR No	Module	Function	Description
R190041	Report/Enquiry	SPUB Activities report	<p>Improve the filtering and rules:</p> <ol style="list-style-type: none"> <li>1. Month -or user to select from January to December.</li> <li>2. Year - Default to current year. User can change this to different year. Compare the month and year with created date</li> <li>3. Dispensing Location - list down all dispensing location.</li> </ol> <p>Check all medication order record where SPUB No is not null for online and offline SPUB.</p>

Home Patient Registration x MAA Report x **SPUB Activities** x

**INTEGRATED DRUG DISPENSING SYSTEM (SPUB) ACTIVITIES**

Month: All Year: 2017  
 Dispensing Location: All

<< < 1 / 8 > >> [ 1 - 10 / 74 ]

Group	Rx Source	Facility Name	Number of Prescription Referred Out	SPUB Prescription Received		
				Number of SPUB Prescription Received	The Total of Item Supplied	The Total Cost of Item Supplied (RM)
INTRA-STATE	Hospital	Hospital Gua Musang	10	1	0	0.00
INTRA-STATE	Hospital	Hospital Jeli	86	1	0	0.00
INTRA-STATE	Hospital	Hospital Kuala Krai	4	0	0	0.00
INTRA-STATE	Hospital	Hospital Machang	15	2	9	60.60
INTRA-STATE	Hospital	Hospital Pasir Mas	38	0	0	0.00
INTRA-STATE	Hospital	Hospital Raja Perempuan Zainab II, Kota Bharu	7	0	0	0.00
INTRA-STATE	Hospital	Hospital Tengku Anis	3	6	11	94.77
INTRA-STATE	Clinic	Klinik Kesihatan Ayer Lanas	33	0	0	0.00
INTRA-STATE	Clinic	Klinik Kesihatan Bandar Kota Bharu	1	0	0	0.00
INTRA-STATE	Clinic	Klinik Kesihatan Bandar Kuala Krai	8	0	0	0.00

Total Number of Prescription Referred Out: 1109  
 Total Number of SPUB Prescription Received In: 22  
 The Total of Item Supplied: 79  
 The Total Cost of Item Supplied (RM): 546.96



KEMENTERIAN KESIHATAN MALAYSIA  
Hospital Tanah Merah

PF 5.2

Aktiviti Perkhidmatan Sistem Pendispensan Ubat-Ubatan Bersepadu(Spub)

Bulan : All Tahun : 2017  
Lokasi Dispens : All

Sumber Preskripsi (Rx)	Nama Fasiliti	Preskripsi SPUB yang Dirujuk Keluar	Preskripsi SPUB Diterima			
			Bilangan Preskripsi SPUB yang Diterima	Bekalan Ubat (SEMUA KATEGORI UBAT)		Jumlah Kos Bekal
				Bilangan Item Dibekal		
INTRA-STATE						
Hospital	Hospital Gua Musang	10	1	0		0.00
Hospital	Hospital Jeli	86	1	0		0.00
Hospital	Hospital Kuala Krai	4	0	0		0.00
Hospital	Hospital Machang	15	2	9		60.60
Hospital	Hospital Pasir Mas	38	0	0		0.00
Hospital	Hospital Raja Perempuan Zainab II, Kota Bharu	7	0	0		0.00
Hospital	Hospital Tengku Anis	3	6	11		94.77
Clinic	Klinik Kesihatan Ayer Lanas	33	0	0		0.00
Clinic	Klinik Kesihatan Bandar Kota Bharu	1	0	0		0.00
Clinic	Klinik Kesihatan Bandar Kuala Krai	8	0	0		0.00

The screenshot shows the Excel interface with the following data in the grid:

A	B	C	D	E	F	H	I	J
Sumber Preskripsi (Rx)	Nama Fasiliti	Preskripsi SPUB yang Dirujuk Keluar	Bilangan Preskripsi SPUB yang Diterima	Preskripsi SPUB Diterima				
				Bekalan Ubat (SEMUA KATEGORI UBAT)				
				Bilangan Item Dibekal	Jumlah Kos Bekal			
1								
2								
3								
4	Hospital	Hospital Gua Musang	10	1	0			0.00
5	Hospital	Hospital Jeli	86	1	0			0.00
6	Hospital	Hospital Kuala Krai	4	0	0			0.00
7	Hospital	Hospital Machang	15	2	9			60.60
8	Hospital	Hospital Pasir Mas	38	0	0			0.00
9	Hospital	Hospital Raja Perempuan Zainab II, Kota Bharu	7	0	0			0.00
10	Hospital	Hospital Tengku Anis	3	6	11			94.77
11	Clinic	Klinik Kesihatan Ayer Lanas	33	0	0			0.00
12	Clinic	Klinik Kesihatan Bandar Kota Bharu	1	0	0			0.00
13	Clinic	Klinik Kesihatan Bandar Kuala Krai	8	0	0			0.00
14	Clinic	Klinik Kesihatan Bandar Pasir Mas	5	0	0			0.00
15	Clinic	Klinik Kesihatan Batu 30	3	0	0			0.00
16	Clinic	Klinik Kesihatan Batu Gajah	201	0	0			0.00



### 4.6 Report/Enquiry - Ward Stock

CR No	Module	Function	Description
R190042	Report/Enquiry	Ward Stock report	Improve: 1. Rename Dispense From to "Supplying Unit" 2. Supplying Unit will retrieve from Requester Unit master table

Supplying Unit	Requesting Unit	Issue Date	Issue No.	Total No. of Item	Total Issue Amount (RM)
FARMASI KLINIK PAKAR (SUBSTORE)	FARMASI KLINIK PAKAR (KAUNTER)	08/02/2018	F02FKP-0013789	2	642.40
FARMASI KLINIK PAKAR (SUBSTORE)	FARMASI KLINIK PAKAR (KAUNTER)	09/04/2018	F02FKP-0014764	2	206.81
FARMASI KLINIK PAKAR (SUBSTORE)	FARMASI KLINIK PAKAR (KAUNTER)	08/01/2018	F02FKP-0013331	4	1,087.51
FARMASI KLINIK PAKAR (SUBSTORE)	FARMASI KLINIK PAKAR (KAUNTER)	30/04/2018	F02FKP-0015058	19	9,265.66
FARMASI KLINIK PAKAR (SUBSTORE)	FARMASI KLINIK PAKAR (KAUNTER)	12/02/2018	F02FKP-0013878	10	2,202.47
FARMASI KLINIK PAKAR (SUBSTORE)	FARMASI KLINIK PAKAR (KAUNTER)	25/04/2018	F02FKP-0014997	9	2,323.41
FARMASI KLINIK PAKAR (SUBSTORE)	FARMASI KLINIK PAKAR (KAUNTER)	06/02/2018	F02FKP-0013786	10	4,310.89
FARMASI KLINIK PAKAR (SUBSTORE)	FARMASI KLINIK PAKAR (KAUNTER)	22/01/2018	F02FKP-0013560	5	854.27
FARMASI KLINIK PAKAR (SUBSTORE)	FARMASI KLINIK PAKAR (KAUNTER)	10/04/2018	F02FKP-0014778	7	335.93

**KEMENTERIAN KESIHATAN MALAYSIA**  
Hospital Tanah Merah

**WARD STOCK REPORT**

Date From : 01/01/2018      Date To : 21/02/2019

Supplying Unit : FARMASI KLINIK PAKAR (SUBSTORE)

No.	Supplying Unit	Requesting Unit	Issue Date	Issue No.	Total No. of item	Total Issue Amount (RM)
1	FARMASI KLINIK PAKAR (SUBSTORE)	FARMASI KLINIK PAKAR (KAUNTER)	08/02/2018	F02FKP-0013789	2	642.40
2	FARMASI KLINIK PAKAR (SUBSTORE)	FARMASI KLINIK PAKAR (KAUNTER)	09/04/2018	F02FKP-0014764	2	206.81
3	FARMASI KLINIK PAKAR (SUBSTORE)	FARMASI KLINIK PAKAR (KAUNTER)	08/01/2018	F02FKP-0013331	4	1,087.51
4	FARMASI KLINIK PAKAR (SUBSTORE)	FARMASI KLINIK PAKAR (KAUNTER)	30/04/2018	F02FKP-0015058	19	9,265.66
5	FARMASI KLINIK PAKAR (SUBSTORE)	FARMASI KLINIK PAKAR (KAUNTER)	12/02/2018	F02FKP-0013878	10	2,202.47
6	FARMASI KLINIK PAKAR (SUBSTORE)	FARMASI KLINIK PAKAR (KAUNTER)	25/04/2018	F02FKP-0014997	9	2,323.41
7	FARMASI KLINIK PAKAR (SUBSTORE)	FARMASI KLINIK PAKAR (KAUNTER)	06/02/2018	F02FKP-0013786	10	4,310.89
8	FARMASI KLINIK PAKAR (SUBSTORE)	FARMASI KLINIK PAKAR (KAUNTER)	22/01/2018	F02FKP-0013560	5	854.27
9	FARMASI KLINIK PAKAR (SUBSTORE)	FARMASI KLINIK PAKAR (KAUNTER)	10/04/2018	F02FKP-0014778	7	335.93



WardStockReport [Protected View] [Compatibility Mode] - Excel

PROTECTED VIEW Be careful—files from the Internet can contain viruses. Unless you need to edit, it's safer to stay in Protected View. Enable Editing

AF13

KEMENTERIAN KESIHATAN MALAYSIA  
Hospital Tanah Merah  
WARD STOCK REPORT  
Date From : 01/01/2018 Date To : 21/02/2019  
Supplying Unit FARMASI KLINIK PAKAR (SUBSTORE)

No.	Supplying Unit	Requesting Unit	Issue Date	Issue No.	Total No. of Item	Total Issue Amount (RM)
1	FARMASI KLINIK PAKAR (SUBSTORE)	FARMASI KLINIK PAKAR (KAUNTER)	08/02/2018	F02FKP-0013789	2	642.40
2	FARMASI KLINIK PAKAR (SUBSTORE)	FARMASI KLINIK PAKAR (KAUNTER)	09/04/2018	F02FKP-0014764	2	206.81
3	FARMASI KLINIK PAKAR (SUBSTORE)	FARMASI KLINIK PAKAR (KAUNTER)	08/01/2018	F02FKP-0013331	4	1,087.51
4	FARMASI KLINIK PAKAR (SUBSTORE)	FARMASI KLINIK PAKAR (KAUNTER)	30/04/2018	F02FKP-0015058	19	9,285.66
5	FARMASI KLINIK PAKAR (SUBSTORE)	FARMASI KLINIK PAKAR (KAUNTER)	12/02/2018	F02FKP-0013878	10	2,202.47
6	FARMASI KLINIK PAKAR (SUBSTORE)	FARMASI KLINIK PAKAR (KAUNTER)	25/04/2018	F02FKP-0014997	9	2,323.41
7	FARMASI KLINIK PAKAR (SUBSTORE)	FARMASI KLINIK PAKAR (KAUNTER)	06/02/2018	F02FKP-0013786	10	4,310.89
8	FARMASI KLINIK PAKAR (SUBSTORE)	FARMASI KLINIK PAKAR (KAUNTER)	22/01/2018	F02FKP-0013560	5	854.27
9	FARMASI KLINIK PAKAR (SUBSTORE)	FARMASI KLINIK PAKAR (KAUNTER)	10/04/2018	F02FKP-0014778	7	335.93
10	FARMASI KLINIK PAKAR (SUBSTORE)	FARMASI KLINIK PAKAR (KAUNTER)	17/04/2018	F02FKP-0014876	1	701.50
11	FARMASI KLINIK PAKAR (SUBSTORE)	FARMASI KLINIK PAKAR (KAUNTER)	24/01/2018	F02FKP-0013588	8	2,858.95
12	FARMASI KLINIK PAKAR (SUBSTORE)	FARMASI KLINIK PAKAR (KAUNTER)	15/04/2018	F02FKP-0014840	14	3,111.73
13	FARMASI KLINIK PAKAR (SUBSTORE)	FARMASI KLINIK PAKAR (KAUNTER)	30/05/2018	F02FKP-0015508	13	4,236.55
14	FARMASI KLINIK PAKAR (SUBSTORE)	FARMASI KLINIK PAKAR (KAUNTER)	19/03/2018	F02FKP-0014454	10	4,125.89

ActivePatient

- [-] Patient management
- [-] Order Management
- [-] Inventory
- [-] Adverse Drug Reaction
- [-] Pharmacy Transaction
- [-] MAR
- [-] Maintenance
  - [-] Pharmacy
  - [-] Inventory
  - [-] General
    - [-] Calendar
    - [-] Department
    - [-] External Facility
    - [-] Facility Information
    - [-] Facility Configuration
    - [-] Item Class
    - [-] Item Sub Class
    - [-] Mobile Information
    - [-] Non Drug
    - [-] Occupation
    - [-] Person Master

Home Requester Unit

REQUESTER UNIT

Unit Code: fkp Unit Name:

Department Code:  Department Name:

Search

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Department Code	Department Name	Unit Code	Unit Name	Group Level	Created Date	Updated Date	Status
28	Pharmacy	FKPK	FARMASI KLINIK PAKAR (KAUNTER)	Level 3	16/10/2016 05:28:11 PM	16/10/2016 05:50:46 PM	Active
28	Pharmacy	FKP	FARMASI KLINIK PAKAR (SUBSTORE)	Level 2	16/10/2016 05:27:28 PM	16/10/2016 05:50:11 PM	Active

### 4.7 Report/Enquiry – PF 6.7 Aktiviti Farmakokinetik Klinikal

CR No	Module	Function	Description
R190036	Report/Enquiry	PF6.7 - Aktiviti Farmakokinetik Klinikal - New	New PF 6.7 1. Search criteria: a. Year & Month 2. Report Details: a. Bilangan Jenis Ubat Dipantau b. Bilangan Permohonan yang Diterima c. Bilangan Kes d. Bilangan Pemantauan Kes e. Bilangan Analisa f. Kes Keracunan Paracetamol g. Bilangan kes TDM Selepas Waktu Pejabat

The screenshot shows the 'Aktiviti Farmakokinetik Klinikal' web application. It includes a search interface with filters for 'Tahun' (Year) set to 2018 and 'Bulan' (Month) set to All. Below the search area is a data table with the following structure:

Bulan	Bilangan Jenis Ubat Dipantau	Bilangan Permohonan yang Diterima	Bilangan Kes	Bilangan Pemantauan Kes	Bilangan Analisa		Kes Keracunan Paracetamol				Bilangan Permohonan TDM Selepas Waktu Pejabat	
					Dijalankan oleh Farmasi	Dijalankan oleh Makmal	Bilangan Permohonan		Bilangan Kes Toksik		Biasa	Toksik
					Dewasa	Kanak-kanak	Dewasa	Kanak-kanak				
January		103	103			27	76					
February		99	99			29	70					
March		75	75			15	60					
April		93	93			18	75					

The screenshot shows the 'REPORT' section of the application. It includes a search interface with filters for 'Tahun' (Year) set to 2018 and 'Bulan' (Month) set to All. Below the search area is a detailed data table with the following structure:

Bulan	Bilangan Jenis Ubat Dipantau	Bilangan Permohonan yang Diterima	Bilangan Kes	Bilangan Pemantauan Kes	Bilangan Analisa		Kes Keracunan Paracetamol				Bilangan Permohonan	
					Dijalankan oleh Farmasi	Dijalankan oleh Makmal	Bilangan Permohonan		Bilangan Kes Toksik		Biasa	Toksik
					Dewasa	Kanak-kanak	Dewasa	Kanak-kanak				
January		103	103			27	76					
February		99	99			29	70					
March		75	75			15	60					
April		93	93			18	75					
May		81	81	1		33	48					
Jun		5	5			3	2					
July		27	27		2	19	7					
August		14	14		3	8	4					
September		8	8		7	7	1			1	1	
October		23	23	2	7	21	2					
November		10	10		2	7	3			3	1	
Disember		4	4		11	4						
Jumlah		542	542	3	32	5	191				2	

Aktiviti Farmakokinetik Klinikal													
Bulan	Bilangan Jenis Ubat Dipantau	Bilangan Permohonan yang Diterima	Bilangan Kes	Bilangan Pemantauan Kes	Bilangan Analisa		Kes Keracunan Paracetamol				Bilangan Permohonan		
					Dijalankan oleh Farmasi	Dijalankan oleh Makmal	Bilangan Permohonan		Bilangan Kes Toksik		Bilangan Permohonan		
							Dewasa	Kanak-kanak	Dewasa	Kanak-kanak	Biasa	Toksik	
January		103	103					27	76		76		
February		99	99					29	70		70		
March		75	75					15	60		60		
April		93	93					18	75		75		
May		81	81	1				33	48		48		
Jun		5	5					3	2		2		
July		27	27			2	2	19	7		7		
August		14	14			3	1	8	4		4		
September		8	8			7	1	7	1		1	1	
October		23	23	2		7		21	2		2		
November		10	10			2	1	7	3		3	1	
Disember		4	4			11		4					
<b>Jumlah</b>			542	542	3	32	5	191					2



### 4.8 Pharmacy Inventory – Requisition Order

CR No	Module	Function	Description
R190043	Pharmacy Inventory	Requisition Order - To revise value for YTD Purchase Amount	To revise value for YTD Purchase Amount (RM) Display YTD Purchase Amount from Item Master based on the selected Item Code. Display same value as in Item Master

#### Item Master

ITEM BRAND				
Brand Code	Brand Name	Manufacturer Name	Default	Status
U075	NO BRAND	Manufacturer Unknown	No	Active

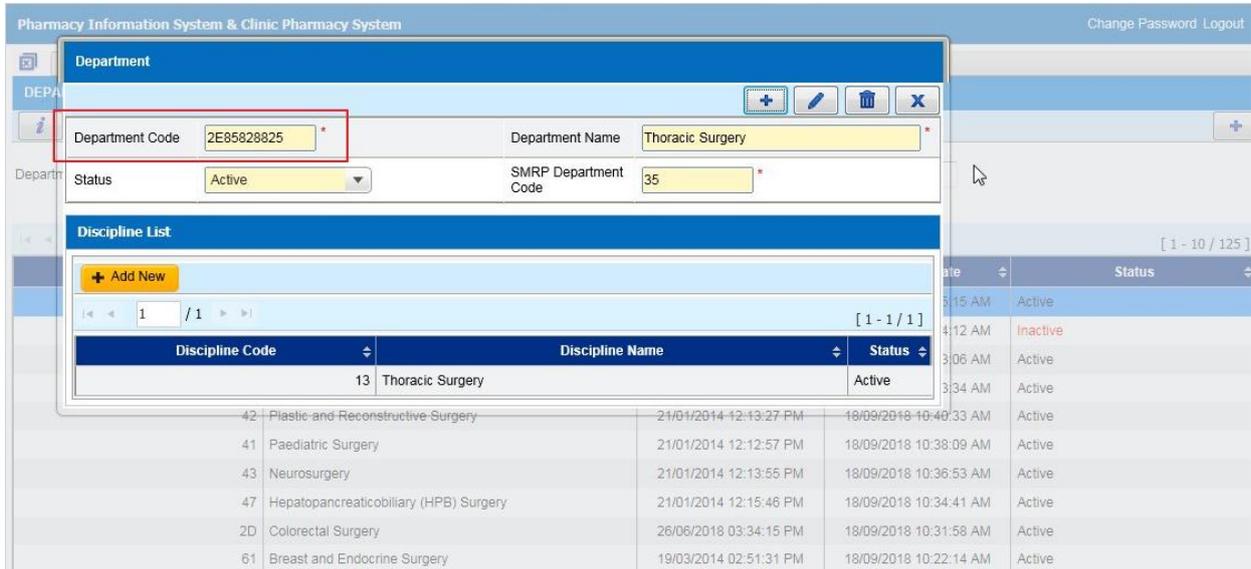
ACCUMULATIVE				
	PKU (cannister)	SKU (cannister)		
YTD Receipt Qty	0.00	0	YTD Receipt Amount	0.00
YTD Return to Supplier Qty	0.00		YTD Condemn Qty	0
YTD Order Qty		100	YTD Order Amt(RM)	2,000.00
YTD Receipt FOC	0.00	0	YTD Purchase Qty	100
Open Stock available Good Stock	0.00	0	YTD Purchase Amount	2,000.00
YTD Receipt External Facility	0.00	0	Open Stock item average price	0.00
Open Stock available Bad Stock	55.00	55		
YTD Receipt Receive from Supplier Return (Replacement)	0.00	0		
Open Stock available Quarantine Stock	0.00	0		

Requisition order no = RO19000063

ITEM DETAILS			
Item Group	DRUG	Drug/Non-Drug Code	R01AD05000A4101XX
Drug/Non-Drug Name	Budesonide 50mcg Nasal Spray	Item Description	R01AD05000A4101XX.01
Item Code	Budesonide 50mcg Nasal Spray	SKU	cannister
SKU Description	cannister	PKU	cannister
Packaging Description	Cannister	Vote Code	130701/032200/27499/99
Vote Description	Farmasi dan Bekalan (Bukan Ubat)	Stock Available (SKU)	0
Budget Type	Operating	Estimated Unit Price (RM)	30.0000
Requested Quantity (SKU)	15	Order Amount (RM)	450.00
Verified Quantity (SKU)	15	Pending Receive Quantity	0
Approved Quantity (SKU)	15		
YTD Purchase Amount (RM)	2,000.00		

### 4.9 General Module – Department Code

CR No	Module	Function	Description
R190044	General Module	Department code - increase length	To increase length for department code to 10 character



The screenshot displays the 'Department' and 'Discipline List' modules in the Pharmacy Information System & Clinic Pharmacy System. The 'Department' form shows the following details:

- Department Code: 2E85828825
- Department Name: Thoracic Surgery
- Status: Active
- SMRP Department Code: 35

The 'Discipline List' table below shows a list of disciplines, with the first entry highlighted:

Discipline Code	Discipline Name	Status
13	Thoracic Surgery	Active

Other visible disciplines in the list include Plastic and Reconstructive Surgery, Paediatric Surgery, Neurosurgery, Hepatopancreaticobiliary (HPB) Surgery, Colorectal Surgery, and Breast and Endocrine Surgery.

## 5 Deployment - Procedures

### 5.1 List of Items to be Deployed

No.	Items	Components	Path
1	Facility Script	1. PatchScripts_PhIS_V2.0.3.3.0.txt 2. PatchScripts_PhIS_V2.0.3.3.1(2.0.X_PhIS).txt 3. PatchScripts_PhIS_V2.0.3.3.2(2.1_PhIS).txt	<a href="https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.3/facility/scripts">https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.3/facility/scripts</a>
2	Facility Application	iphis_v2.0.3.3.war	<a href="https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.3/facility/war">https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.3/facility/war</a>
3	Facility Application	PhISSchedulers_v.2.0.3.3.jar	<a href="https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.3/facility/jar">https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.3/facility/jar</a>
4	Facility Application	PhISService_v.2.0.3.3.war	<a href="https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.3/facility/war">https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.3/facility/war</a>
5	Mobile Application	iphismobile_user_v2.0.3.3.war	<a href="https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.3/facility/war">https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.3/facility/war</a>
6	HQ Script	1. PatchScripts2.0.3.3_IWP.txt 2. PatchScripts2.1_IWP.txt	<a href="https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.3/iwp/scripts">https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.3/iwp/scripts</a>
7	HQ Application	phishq_v2.0.3.3.war	<a href="https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.3/iwp/war">https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.3/iwp/war</a>
8	HQ Application	masterRelease_v2.0.3.3.jar	<a href="https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.3/iwp/jar">https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.3/iwp/jar</a>
9	HQ Application	epservice.war	<a href="https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.3/iwp/war">https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.3/iwp/war</a>



## 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 Script	1. PatchScripts_PhIS_V2.0.3.3.0.txt 2. PatchScripts_PhIS_V2.0.3.3.1(2.0.X_PhIS).txt 3. PatchScripts_PhIS_V2.0.3.3.2(2.1_PhIS).txt	https://10.1.2.0.3.32:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.3/facility/scripts	Please ensure all the script is execute before iphis.war deploy. Please ensure the script is executed in sequence. Script file 1 Execute as pgScript and Script file 2 execute by high lighting one by one
2	Facility Application	iphis_v2.0.3.3.war	https://10.1.2.0.3.32:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.3/facility/war	Please rename the war file from iphis_v2.0.3.3.war to iphis.war then deploy.
3	Facility Application	PhISSchedulers_v.2.0.3.3.jar	https://10.1.2.0.3.32:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.3/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to PhISSchedulers.jar.
4	Facility Application	PhISService_v.2.0.3.3.war	https://10.1.2.0.3.32:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.3/facility/war	Please rename the war file from PhISService_v.2.0.3.3.war to PhISService.war then deploy.
5	Mobile Application	iphismobile_user_v2.0.3.3.war	https://10.1.2.0.3.32:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.3/Mobile	Rename iphismobile_user_v2.0.3.3.war to iphismobile_user.war and deploy.

### 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 Script	1. PatchScripts2.0.3.3_IWP.txt 2. PatchScripts2.0.X_IWP.txt 3. PatchScripts2.1_IWP.txt	https://10.1.2.0.3.32:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.3/iwp/scripts	Execute as Script
2	HQ Application	phishq_v2.0.3.3.war	https://10.1.2.0.3.32:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.3/iwp/war	Rename the war file from phishq_v2.0.3.3.war to phishq.war then Deploy using Glassfish Administration Console
3	HQ Application	masterRelease_v2.0.3.3.jar	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.3/iwp/jar	Rename the jar file from masterRelease_v2.0.3.3.1.jar to masterRelease.jar and copy to directory '/home/phisesb/phisjars' Then restart the crontab.
4	HQ Application	epservice.war	https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.0.3.3/iwp/war	To ensure (War) downloaded from SVN same in size (in bytes) and no corruption