



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

User Manual Inventory (Internal Indent)

Version	: 1.5
Document ID	: U.MANUAL_INV_INTERNAL INDENT

Revision History

Version No	Date of Release	Prepared By	Reviewed / Verified by	List of changes from previous Version
1.0	07/01/2014	Hasneeta binti Hashim	Shamsul-'Ariza (SA)	First submission to MOH
1.1	05/05/2014	Hasneeta binti Hashim	Shamsul-'Ariza (SA)	Application interface changes (screen)
1.2	05/12/2014	Sashaa Sugathan	Shamsul-'Ariza (SA)	Application interface changes (screen)
1.3	31/05/2015	Mohd Hafez B Sakarno	Shamsul-'Ariza (SA)	Update to v1.3 based on PhIS & CPS v1.3
1.4	17/04/2014	Mohd Hafez B Sakarno	Shamsul-'Ariza (SA)	Change to the latest screen shot
1.5	01/02/2017	Muhamad Hilmi Bin Mokhtar	Shamsul-'Ariza (SA)	Change to latest screenshot and functions for version 1.5.1

Verified and Acknowledged By:

Name	Role / Designation	Organization	Signature & Date
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Name	Role / Designation	Organization	Signature & Date
		Bahagian Perkhidmatan Farmasi (BPF), KKM	

Peer Review

Version No	Reviewed / Verified By	List of changes from Previous Version
1.0	Jenny Heng Maxine Wong (QA)	Overall review
1.1	Jenny Heng Maxine Wong (QA)	Overall review
1.2	Michelle Foo (QA)	Overall review
1.3	Michelle Foo (QA)	Overall review
1.4	Michelle Foo (QA)	Change to the latest screen shot
1.5	Michelle Foo / Juridah Ayob (QA)	Change to latest screenshot and functions for version 1.5.1



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Reference ID : U.MANUAL_INV_INTERNAL INDENT-v1.5

Application reference: PhIS & CPS v1.5.1



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1.0 Introduction

1.1 Overview of PhIS

Pharmacy Information System or better known as PhIS is a complete and comprehensive system that integrates pharmacy related services that geared toward pharmacy excellence. This implementation would transform most of the current manual process to electronic system would benefit facility end user in the health care sector.

There are 12 modules to assist service delivery by the health care sector which comprises of:

1. Order Management
2. Inpatient Pharmacy
3. Outpatient Pharmacy
4. Medication Counselling
5. Ward Pharmacy
6. Pharmacy Inventory
7. Manufacturing of Cytotoxic Drug Reconstitution, Parenteral Nutrition, IV Admixture & Eye Drop, Radiopharmaceuticals and Extemporaneous
8. Adverse Drug Reaction & Drug Allergic Card (ADR & DAC)
9. Clinical Pharmacokinetics Services (TDM)
10. Drug Information & Consumer Education (DICE)
11. Medication Therapy Adherence Clinic (MTAC)
12. Data Mining (PhARM)

1.2 Purpose and Objectives

This user manual outlines the Pharmacy Inventory (Expiration & Condemn) sub-module and its key features and functionalities. The primary objective is to guide users through the process of completing PhIS application process.

User will understand the following activities in details:

- Create a new Indent Intra Facility
- Create a new Indent Inter Facility
- Indent Approval

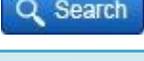
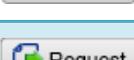
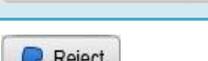
1.3 Organised Sections

These are the sections within this document:

- Section 1 : Introduction
- Section 2 : Application Standard Features
- Section 3 : Internal Indent
- Section 4 : Acronyms

2.0 Application Standard Features

2.1 PhIS Legend

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



Module Legend

Generate RIL	Recommended Indent List	Send for Approval	Send for HOD approval
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Note

- To learn more about Login Information, kindly click [Login Information](#) Modules for descriptive step.

2.2 Latest Enhancement and Updates

Latest Functions	Page
New Indent (Intra Facility)	8

3.0 Internal Indent

Overview

Indent in the PhIS consist of indenting from within the facility or outside from the facility. Within the facility the indenting process begins at the sub-store level where the personnel indent drugs and non-drugs routinely via Recommended Indent List (RIL) or at ad-hoc situation via supplementary where there is a sudden need to require the items.

User Group

This module is intended for storekeeper and pharmacists at the Pharmacy Store, Pharmacist and Assistant Pharmacist at the Sub Store; Sister and Nurse at the unit/ward (Subject to user assign by the facility).

Functional Diagram

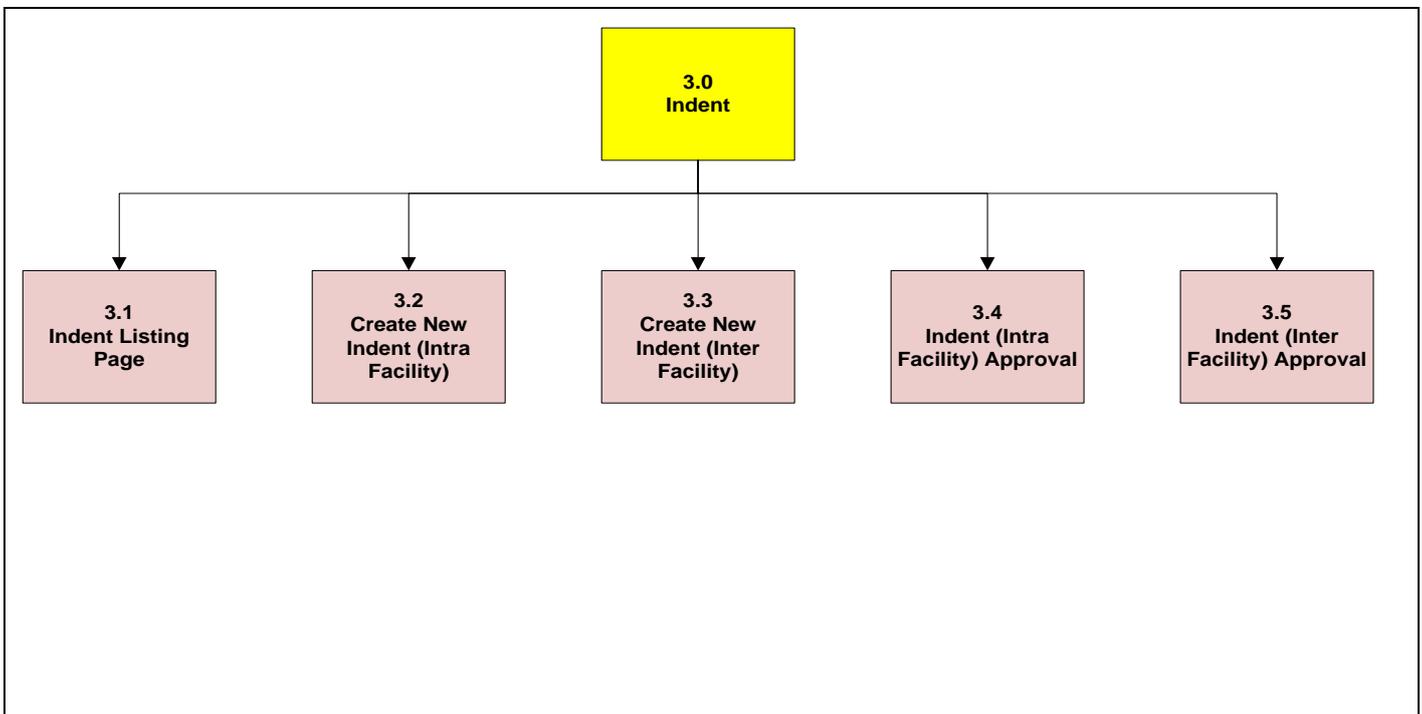


Figure 3-0-1

Functional Description

Indent comprises of three (3) main functions:

- **Indent (Intra)**
Indent (Intra) is the indenting within facility
This function allows user to view all existing transaction and create a new transaction
- **Indent (Inter)**
Indent (Inter) is the indenting to externally facility
This function allows user to view all existing transaction and create a new transaction
- **Indent Approval**
This function is used for HOD to either approve or reject any indent transaction

5.1 Internal Indent

Requesting Unit will indent Drug/Non Drug items from the Supplying unit. In the indent process, the system will generate a list of items to indent where the quantity available of that item in store is less than the buffer level quantity as set in the Unit Catalogue of that unit.

5.1.1 View Existing Transaction

This page will display all the existing transaction of this sub-module based on the user's Requester Unit.

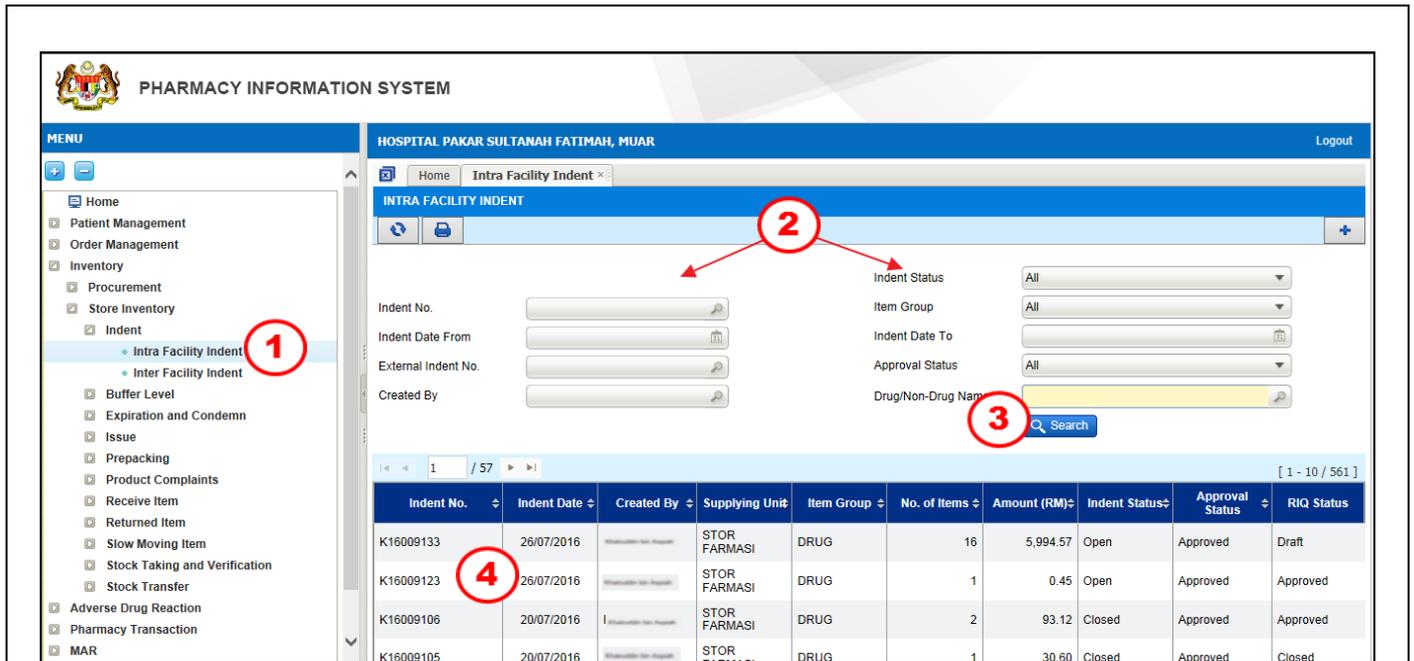


Figure 3.1-1 Indent listing Page

STEP 1

Click on 'Inventory' menu followed by 'Store Inventory' and then click 'Indent'

STEP 2

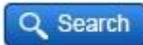
To search for existing Indent record(s), user may search by criteria as follows:

No	Field	Description	Remarks
a	Type	Search by : - Intra - Inter	Able to filter and search record(s)
b	Indent No	Indent Number	Display all existing Indent No. belongs to the ward/unit
c	Indent Status	Search by : - All - Cancel - Close - Open	Able to filter and search record(s)
d	Item Group	Search by : - All - Drug - Non Drug	Able to filter and search record(s)
e	Indent Date From	Start date for the indent transaction	Format field (dd/mm/yy)

f	Indent Date To	Start date for the indent transaction	Format field (dd/mm/yy)
g	Approval Status	Search by: - All - Approved - Open - Pending For Approval - Rejected	Able to filter and search record(s)
h	Created By	Name of the person who created the transaction	

Table 3.1-1

STEP 3

Click on the  button after input of criteria

STEP 4

Double-click on the selected record details listed as per Figure 3.1-1

Note

- *Red coloured Indent line indicates that there is an urgent item inside the indent.*
- *The screen will display the indent details.*

5.2 New Indent (Intra Facility)

To create a new record for Indent, perform steps below:

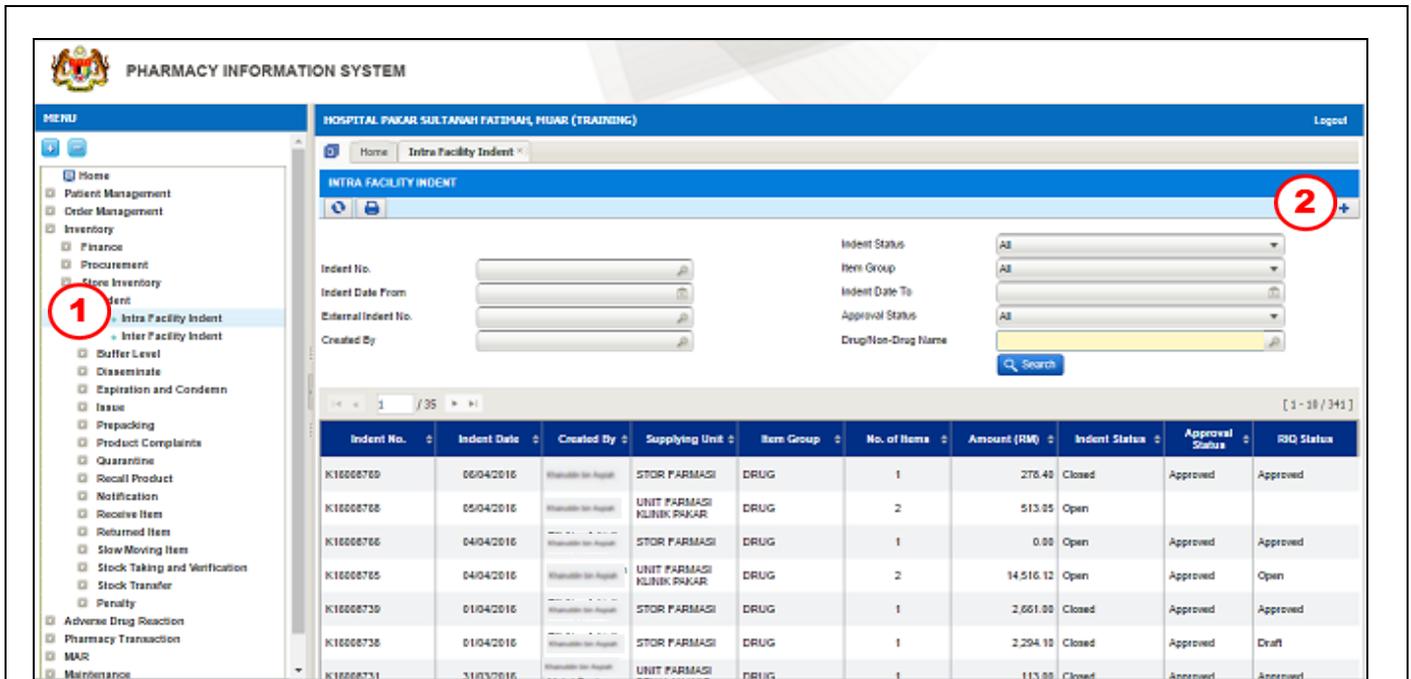


Figure 3.2-1 Indent Listing Page

STEP 1

Click on 'Inventory' menu followed by 'Store Inventory' and then click 'Indent'

STEP 2

Click on the  button to create a new record

Note

- Indent screen will be displayed as shown in Figure 3.2-2.

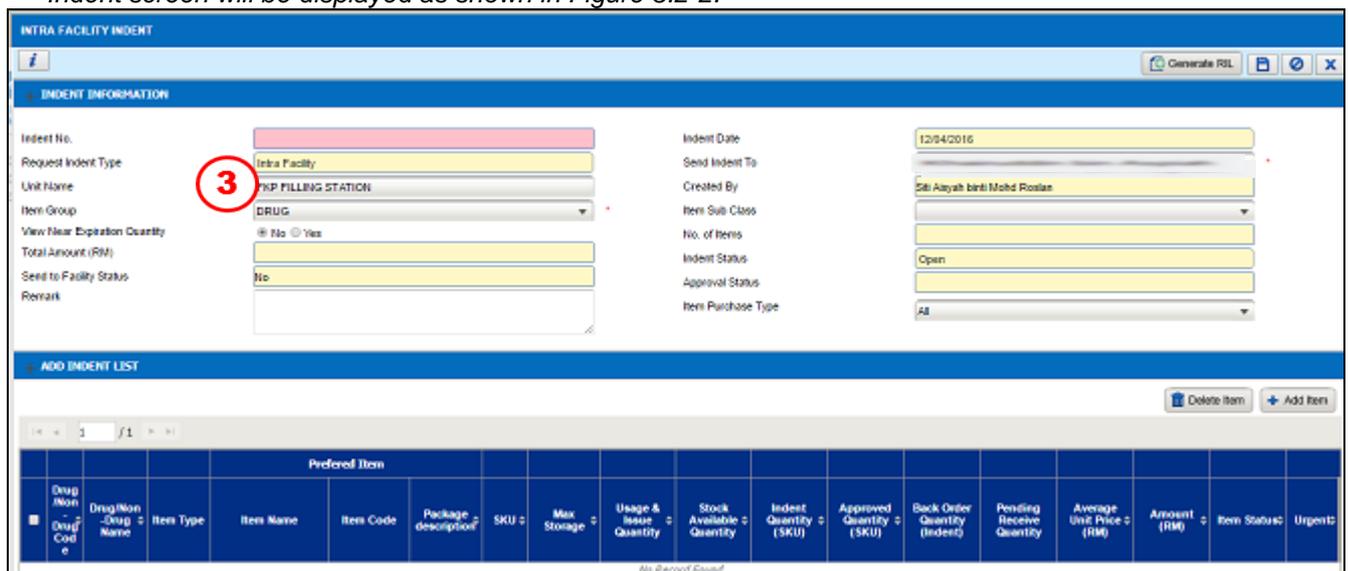


Figure 3.2-2 Create New Indent Information

- New created Indent record **Status** is defaulted as 'Open'.
- **Unit Name** is defaulted based on user's login ID.
- **Indent Date** is defaulted to the system date and time.

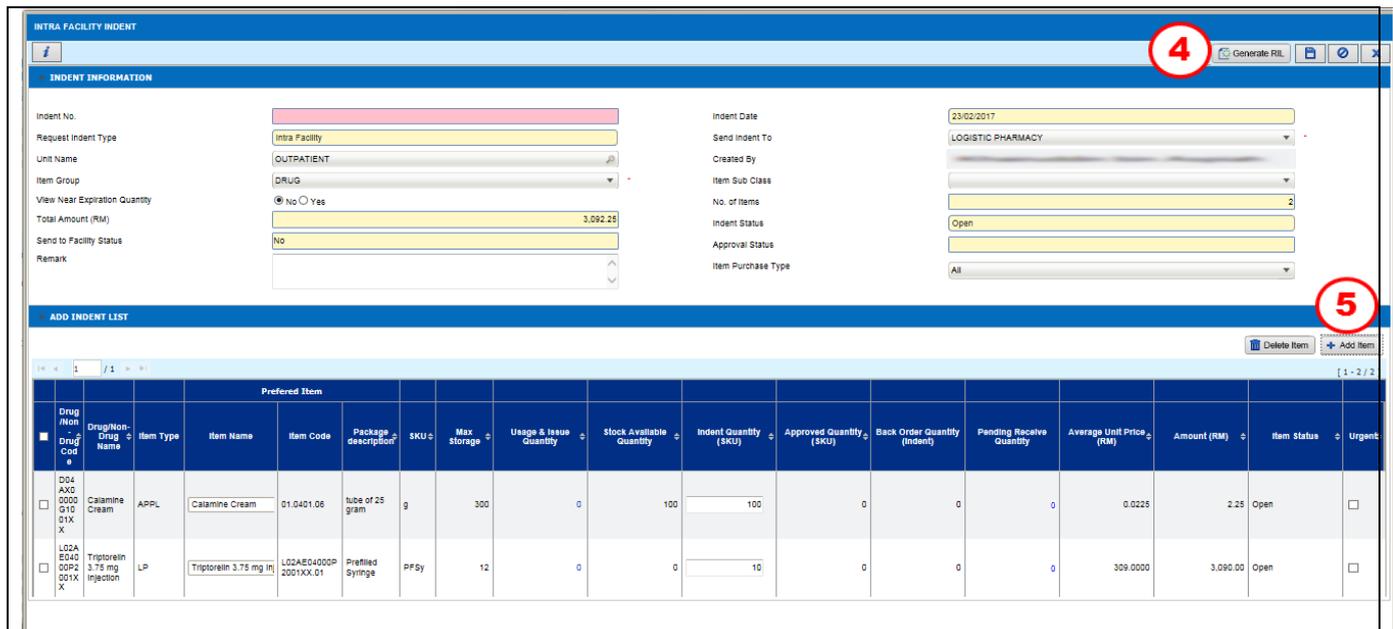
STEP 3

Select **Item Group** from dropdown box:

- Drug
- Non Drug

Note

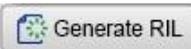
- User can only choose either Drug or Non Drug for the **Item Group** in one Indent transaction.
- **Item Sub Class** is an optional field.
- **View Near Expiration Quantity** is defaulted to 'NO'.
- If 'YES' radio button is selected for 'View Near Expiration Quantity', the 'Number of Days' field will be enabled and is mandatory for the user to enter.
- The system will display the quantity of drugs that will expire prior to the number of days entered.



Drug / Non-Drug Code	Drug/Non-Drug Name	Item Type	Item Name	Item Code	Package Description	SKU	Max. Storage	Usage & Issue Quantity	Stock Available	Indent Quantity (SKU)	Approved Quantity (SKU)	Back Order Quantity (Indent)	Pending Receive Quantity	Average Unit Price (RM)	Amount (RM)	Item Status	Urgent
D04 A00 0000 S10 01X X	Calamine Cream	APPL	Calamine Cream	01.0401.06	tube of 25 gram	g	300	0	100	100	0	0	0	0.0225	2.25	Open	<input type="checkbox"/>
L02A E040 00P02 001X X	Triptorelin 3.75 mg Injection	LP	Triptorelin 3.75 mg Inj	L02AEO400P 2001XX.01	Prefilled Syringe	PFSy	12	0	0	10	0	0	0	309.0000	3,090.00	Open	<input type="checkbox"/>

Figure 3.2-3 Recommended Indent List

STEP 4

Click on the  button

Note

- The system will generate the Recommended Indent List (RIL) based on the drug/non drug buffer level in the Unit Catalogue.
- Only item that has available quantity below buffer level will be displayed.
- **Indent Qty** will be suggested by the system.
Formulae: $Indent\ Qty = Max\ Storage\ Qty\ (SKU) - Available\ Qty\ (SKU)$.

STEP 5

Click on the **+ Add Item** button to add an item to indent if the item is not listed from the **Generate RIL** button

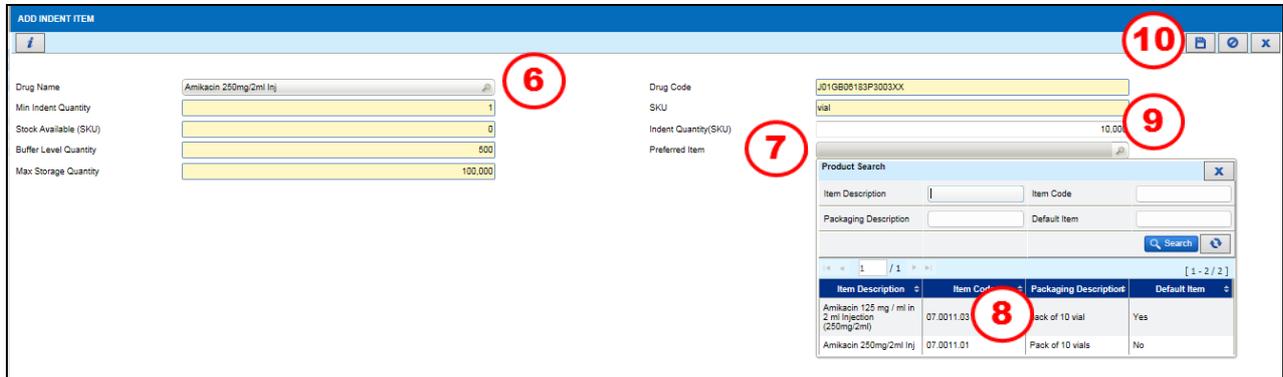


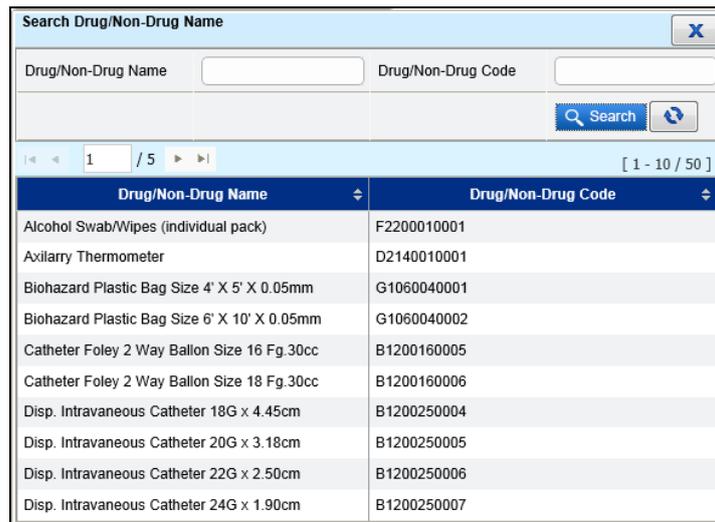
Figure 3.2-4 Add Indent Item

STEP 6

Click on the  to search for **Non-Drug Name**

Note

List of **Drug Name** will be displayed as shown in Figure 3.2-5.



Drug/Non-Drug Name	Drug/Non-Drug Code
Alcohol Swab/Wipes (individual pack)	F2200010001
Axillary Thermometer	D2140010001
Biohazard Plastic Bag Size 4' X 5' X 0.05mm	G1060040001
Biohazard Plastic Bag Size 6' X 10' X 0.05mm	G1060040002
Catheter Foley 2 Way Ballon Size 16 Fg.30cc	B1200160005
Catheter Foley 2 Way Ballon Size 18 Fg.30cc	B1200160006
Disp. Intravenous Catheter 18G x 4.45cm	B1200250004
Disp. Intravenous Catheter 20G x 3.18cm	B1200250005
Disp. Intravenous Catheter 22G x 2.50cm	B1200250006
Disp. Intravenous Catheter 24G x 1.90cm	B1200250007

Figure 3.2-5 Drug Name List

STEP 7

Enter the **preferred item** to be indent

Note

Preferred Item listing is displayed together with:

- Item Description,
- Item Code,
- Packaging Description, and
- Item Status (Default: Y/N).

STEP 8

Double click on the **preferred item**.

STEP 9

Enter the **Indent Quantity(SKU)**

STEP 10

Click on the button to save the Add Indent Item

Note

- After clicking save, an alert message will be displayed as per Figure 3.2-6, click on the button to confirm saving of the record.

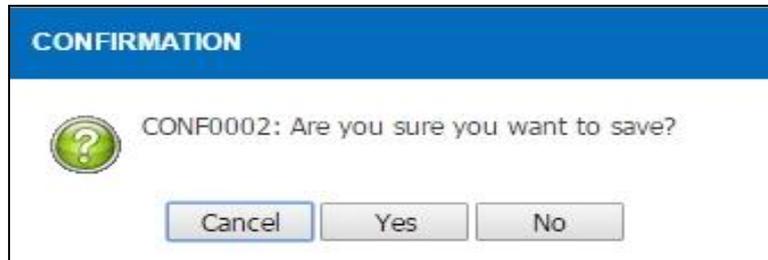


Figure 3.2-6 Save Record Alert Message

- User will be redirected to the Indent Information screen as shown in Figure 3.2.7.

INDENT INFORMATION

Indent No. [Field]
 Request Indent Type: Intra Facility
 Unit Name: OUTPATIENT
 Item Group: DRUG
 View Near Expiration Quantity: No Yes
 Total Amount (RM): 3,092.25
 Send to Facility Status: No
 Remark: [Field]

Indent Date: 23/02/2017 (12)
 Send Indent To: LOGISTIC PHARMACY
 Created By: [Field]
 Item Sub Class: [Field]
 No. of Items: 2
 Indent Status: Open
 Approval Status: [Field]
 Item Purchase Type: All

ADD INDENT LIST

Drug No. / Drug Code	Drug/Non-Drug Name	Item Type	Item Name	Item Code	Package Description	SKU	Max. Storage	Usage & Issue Quantity	Stock Available Quantity	Indent Qty (SKU) (11)	Approved Quantity (SKU)	Back Order Quantity (indent)	Pending Receive Quantity	Average Unit Price (RM)	Amount (RM)	Item Status	Urgent
054 AND 0000 S12 01X X	Calamine Cream	APPL	Calamine Cream	01.0401.06	tube of 25 gram	g	300	0	100	100	0	0	0	0.0225	2.25	Open	<input type="checkbox"/>
LO2A E040 00P2 001X X	Triptorelin 3.75 mg Injection	LP	Triptorelin 3.75 mg Inj	LO2AEO400P 2001XX.01	Prefilled Syringe	PFSy	12	0	0	10	0	0	0	309.0000	3,090.00	Open	<input type="checkbox"/>

Figure 3.2-7 Indent List

STEP 11

Change the quantity to indent in the **Indent Qty** field if required

Note

If the drugs are urgently required, select on the **Urgent** checkbox.

STEP 12

Click on the button to save the Indent transaction

Note

After clicking save, an alert message will be displayed as per Figure 3.2-8 and Figure 3.2-9.

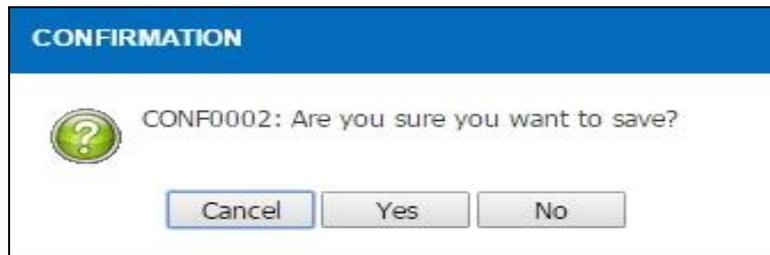


Figure 3.2-8 Save Record Alert Message

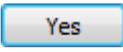
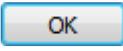
- Click on the  button.



Figure 3.2-9 Save Record Alert Message

- Click on the  button.
- **Indent No.** will be automatically generated by the system for future reference and the  button and  button will be enabled.

Character	Description	Value
1-2	Indent No	'K'
3-4	Current year in 'YY' format	14
5-10	Running no	Starting from 000001. This running number will be restarted to 000001 of every new financial year

Table 3.2-1

Figure 3.2-10 Send for Approval

STEP 13

Click on the button to send the Indent transaction to HOD for approval or click on the to cancel the request

Note

- Click on the button to send the record for Approval. An alert message will be displayed and the **Status** will change to 'Pending for Approval'. This transaction will be available in the Approver's Task List for approval process.
- If user clicks on the button or button, there will be no changes applied and the screen will return to the Indent screen.

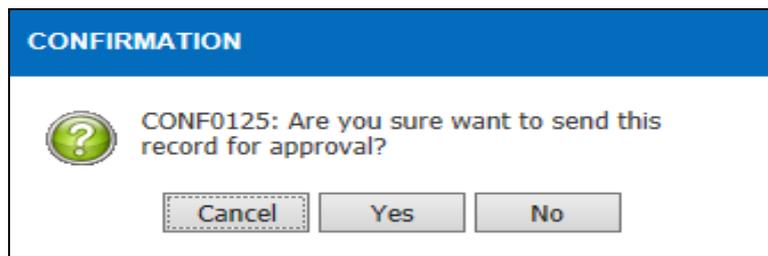


Figure 3.2-11 Send For Approval Record Alert Message

- Click on the button to confirm the request to be sent for approval.

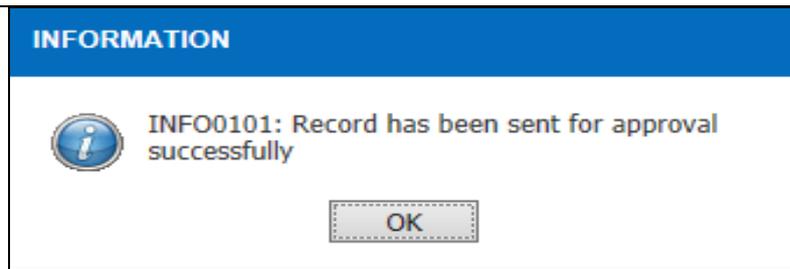


Figure 3.2-12 Alert Message

5.3 Indent (Intra Facility) Approval

The Head of Department (HOD)/ Head of Unit will receive the 'Pending for Approval' Indent transaction in the Task List.

TASK LIST					
1 / 1					[1 - 1 / 1]
Transaction Type	Transaction No.	Date/Time	Task Status	From Unit/Department	From User
Indent	K14001318	04/11/2014 02:37 PM	Pending For Approval	WAD 14 (O&G)	Ward 1

Figure 3.4-1 Task List

STEP 1

Click on the Transaction No. hyperlink and the Indent screen will be displayed as shown in Figure 3.4-1

Note

User may also refer to section [3.1 Indent Listing Page](#) to search for the 'Pending for Approval' Indent records.

INDENT DETAIL											
<input type="button" value="Approve"/> <input type="button" value="Reject"/> <input type="button" value="X"/>											
Indent No	K14001318			Indent Date	04/11/2014 02:35:36 PM						
Unit Name	WAD 14 (O&G)			Item Group	NON-DRUG						
Remark				Reject Reason							
+ ADD INDENT ITEM											
<input type="button" value="Delete Item"/> <input type="button" value="+ Add New Item"/>											
1 / 1											[1 - 5 / 5]
	Drug/Non Drug Code	Drug/Non Drug Name	SKU	Avg Usage	Buffer Level	Stock Available	Indent Quantity (SKU)	Approved Quantity (SKU)	Average Unit Price (RM)	Amount (RM)	Urgent
<input type="checkbox"/>	N1080430002	Bandage Orthopaedic 7.5cm x 2.75M	roll	0	6	0	2	2	2.1400	4.28	<input type="checkbox"/>
<input type="checkbox"/>	G1820460002	Chart paper (Sonicaid)	pck	0	8	9,999	1	1	0.0000	0.00	<input type="checkbox"/>
<input type="checkbox"/>	P1520130001	Glove Dental / Examination Latex Disp. Sz M Powder Free	box	0	12	0	3	3	0.0000	0.00	<input type="checkbox"/>
<input type="checkbox"/>	B2170550007	Suction Catheter Size Fg8	EA	0	30	0	10	10	0.0000	0.00	<input type="checkbox"/>
<input type="checkbox"/>	Y2170070006	Tubing Connecting with Aerosol Mask (Adult)	set	0	5	0	10	10	7.2380	72.38	<input type="checkbox"/>
Total Amount (RM)										76.66	

Figure 3.4-2 Indent Approval

STEP 2

Change the Indent **Approved Quantity** if necessary

Note

- **Approved Quantity** will default to indent quantity but Head of Department (HOD) is allowed to change the quantity.
- User is allowed to perform the following:

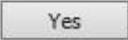
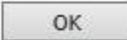
a) Add new indent item by clicking on the button

b) Delete indent item by clicking on the button.

STEP 3

Click on the  button to approve the Indent record and the **Status** will be 'Approved'

Note

- Click on the  button in Figure 3.4-3 followed by the  button in Figure 3.4-4.  button will be enabled for the user to proceed with disseminate process.

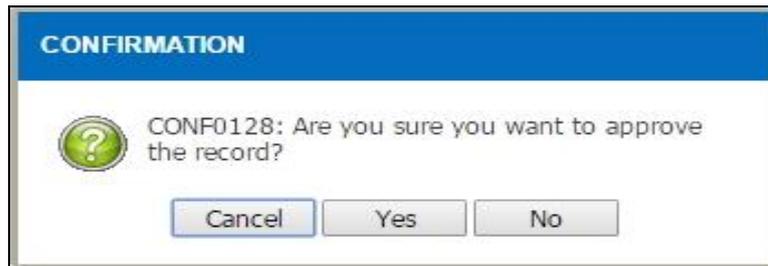
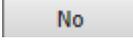
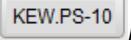


Figure 3.4-3 Approve Record Alert Message



Figure 3.4-4 Approve Record Alert Message

- If user clicks on the  button, there will be no changes applied and the screen will return to the Indent screen.
- Click on the  button to reject the Indent record and the status will be 'Rejected'
- Reject Reason** is mandatory to be entered to reject the Indent transaction
- After the indent transaction is approved,  button will be enabled.
- If the indent is done at the main store,  button will be enabled.
- Approved Indent will flow to the supplying unit to proceed with the issuing process.
- If the Indent is rejected, indent **Status** will be 'Close'.

INDENT DETAIL

4 KEW.PS-10

Indent No: K14001318 Indent Date: 04/11/2014 02:35:36 PM
 Unit Name: WAD 14 (O&G) Item Group: NON-DRUG
 Remark: Reject Reason:

+ ADD INDENT ITEM

Drug/Non Drug Code	Drug/Non Drug Name	SKU	Avg Usage	Buffer Level	Stock Available	Indent Quantity (SKU)	Approved Quantity (SKU)	Average Unit Price (RM)	Amount (RM)	Urgent
N1080430002	Bandage Orthopaedic 7.5cm x 2.75M	roll	0	6	0	2	2	2.1400	4.28	<input type="checkbox"/>
G1820460002	Chart paper (Sonicaid)	pck	0	8	9,999	1	1	0.0000	0.00	<input type="checkbox"/>
P1520130001	Glove Dental / Examination Latex Disp. Sz M Powder Free	box	0	12	0	3	3	0.0000	0.00	<input type="checkbox"/>
B2170550007	Suction Catheter Size Fg8	EA	0	30	0	10	10	0.0000	0.00	<input type="checkbox"/>
Y2170070006	Tubing Connecting with Aerosol Mask (Adult)	set	0	5	0	10	10	7.2380	72.38	<input type="checkbox"/>
Total Amount (RM)									76.66	

Figure 3.4-5 KEW.PS-10 Button

STEP 4

Click on the  button to generate the report as shown in Figure 3.4-5

Note

The report will be in PDF format. The user is allowed to view/save/print the report.

KEMENTERIAN KESIHATAN MALAYSIA
Hospital Pakar Sultanah Fatimah, Muar

KEW.PS-10

BORANG PESANAN DAN PENGELUARAN STOK
(Tatacara Pengurusan Stor 136)

Daripada : WAD 14 (O&G)				Kepada : STOR FARMASI			
Dilengkapkan Oleh Star Pesanan				Dilengkapkan Oleh Star Pengeluar			
No. Pesanan : K14001318		Tarikh Pesanan : 04/11/2014		No. Pengeluaran :		Tarikh Pengeluaran :	
Tarikh Bekalan Dikehendaki :				BAHAGIAN BEKALAN KAWALANDAN AKUAN			
No. Kod (Drug/Non Drug Code)	Perihal Stok	Kuantiti Asal	SKU	No. Kod (Item Code)	Baki di Star	SKU	Kuantiti Dikeluarkan (SKU)
N1080430002	Bandage Orthopaedic 7.5cm x 2.75M	2	roll				
G1820460002	Chart paper (Sonicaid)	1	pck				
P1520130001	Glove Dental / Examination Latex Disp. Sz M Powder Free	3	box				
B2170550007	Suction Catheter Size Fg8	10	EA				
Y2170070006	Tubing Connecting with Aerosol Mask (Adult)	10	set				
Dilengkapkan Oleh Star Pesanan				Dilengkapkan Oleh Star Pengeluar			
Pegawai Pesanan :		Pegawai Penerima :		Telah Dikeluarkan dan Dikekalkan oleh :		Dikeluarkan dan Dikekalkan oleh :	
Nama : HOD HOD Ward 1		Nama :		Nama :		Nama :	
Jawatan : Ratus Jurawat		Jawatan :		Jawatan :		Jawatan :	
Unit : WAD 14 (O&G)		Unit :		Unit :		Unit :	
Jabatan : Haematology		Jabatan :		Jabatan :		Jabatan :	
Tarikh : 04/11/2014		Tarikh :		Tarikh :		Tarikh :	
				BAHAGIAN BUNGSURAN DAN PENGHANTARAN			
Buli-buli Bungkusan		Buli-buli Penghantaran		Telah dibungkus dan dihantar oleh :			
				Nama :			
				Jawatan :			
				Jabatan :			
				Tarikh :			

(i) adalah sistem komputer, tandatangan tidak diperlukan

Printed Date : 04/11/2014 Printed By : HOD HOD Ward 1 Unit Name : WAD 14 (O&G) Source : PhIS

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Figure 3.4-6 KEW.PS-10 Print out

4.0 Acronyms

Abbreviation	Definition
MOH	Ministry of Health
KKM	Kementerian Kesihatan Malaysia
PhIS	Pharmacy Information System
CPS	Clinical Pharmacy System
PKU	Packaging Keeping Unit
SKU	Store Keeping Unit
RIQ	Recommended Issue Quantity

5.0 Links To Inventory Modules

No	Module	PDF Links	No	Module	PDF Links
1	Finance	Click Here	15	Internal Indent	Click Here
2	Procurement Standard APPL	Click Here	16	Issue	Click Here
3	Procurement standard LP	Click Here	17	Receive From Supplier	Click Here
4	Procurement Standard Contract	Click Here	18	Receive Inter Facility	Click Here
5	Procurement Standard Quotation	Click Here	19	Receive Intra Facility	Click Here
6	Procurement Standard (RFQ)	Click Here	20	Return to Supplier	Click Here
7	Procurement Non Standard (Requisition Order)	Click Here	21	Return to Supplying Unit	Click Here
8	Quarantine	Click Here	22	Slow Moving	Click Here
9	Product Complaint	Click Here	23	Stock Taking And Verification	Click Here
10	Recalculate Buffer Level	Click Here	24	Stock Transfer	Click Here
11	Expiration And Condemn	Click Here	25	Year End	Click Here
12	Recall Product	Click Here	26	Penalty	Click Here
13	Payment	Click Here	27	IWP Budget	Click Here
14	External Indent	Click Here	28	IWP Order Authorization	Click Here