



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

Full Based User Manual Drug Information & Consumer Education (DICE)

Version	: 6th Edition
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PhIS & CPS Project
User Manual – Drug Information & Consumer Education
(DICE)



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Reference ID : FB_U. MANUAL_ DICE-6th Edition

Application reference: PhIS & CPS v1.6.1



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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 geared towards pharmacy excellence. This implementation would transform most of the current manual process to electronic system to 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 (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 Drug Information & Consumer Education (DICE) 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:

- To place Enquiry or to record Enquiry Request
- For the Pharmacist to verify and provide response to the enquirer

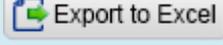
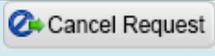
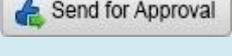
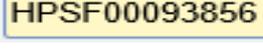
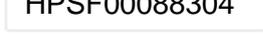
1.3. Organised Sections

These are the sections within this document:

- Section 1 : Introduction
- Section 2 : Application Standard Features
- Section 3 : Drug Information & Consumer Education (DICE)
- Section 4 : Acronyms
- Section 5 : Links to Clinical Modules

2.0 Application Standard Features

2.1 PhIS Legend

Standard Legend			
	Login to PhIS		Logout from PhIS
	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



Note

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



2.2 Latest Enhancement and Updates

Latest Functions	Page
Add filter for "Enquiry Receive By", "Verified By", "Responded By" at the searching criteria	7
Change Drug Information printing format	30

3.0 Drug Information & Consumer Education (DICE)

Overview

This module will provide a portal for the hospital community to share and acquire medical related information and advisory knowledge. It also allows user to record enquiries on drug issues and provides information back to the enquirer.

User Group

Doctor/Medical Assistant/Nurse/ Pharmacist. (subject to user assign by the facility)

Functional Diagram

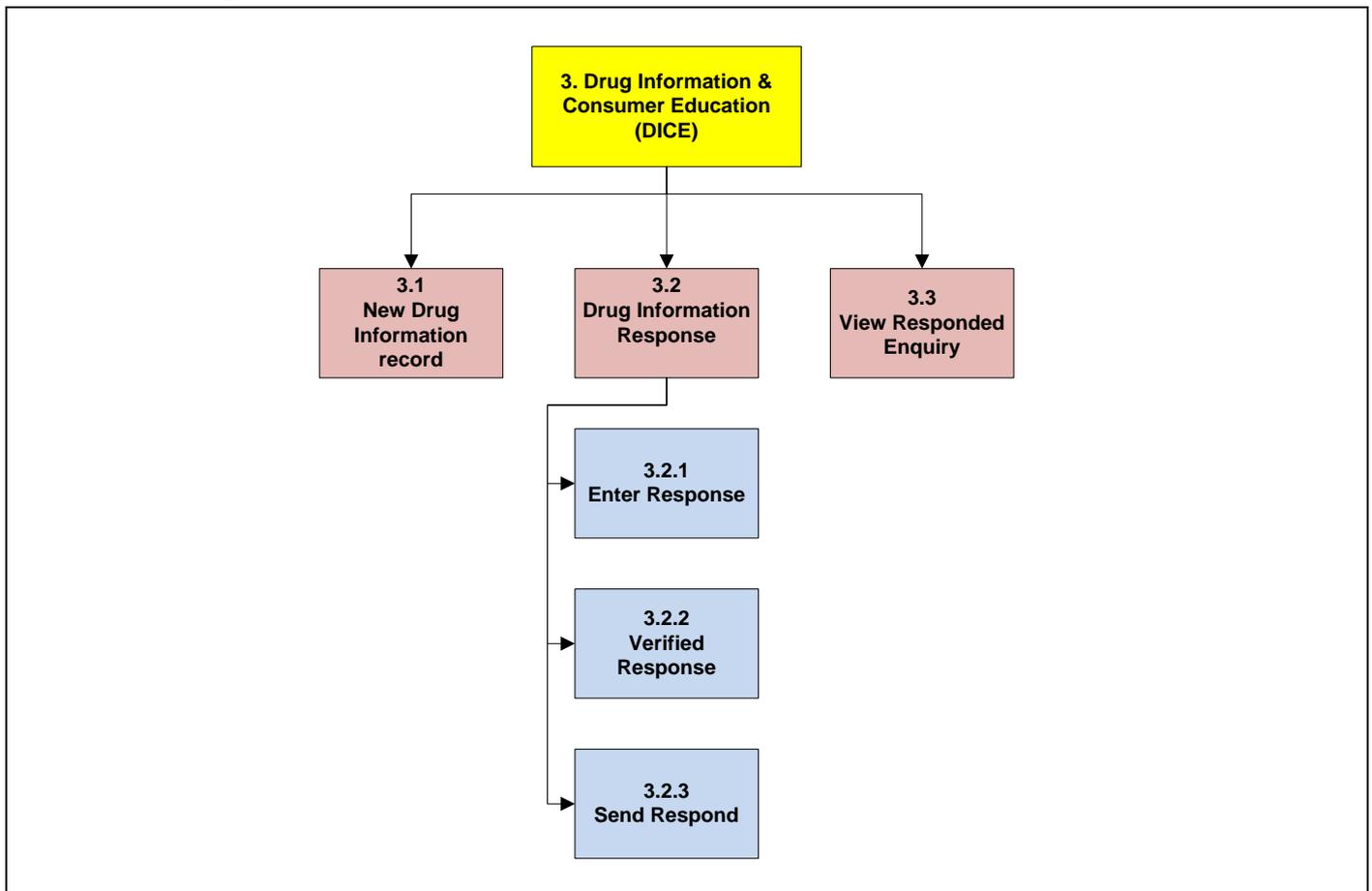


Figure 3.0



Functional Description

Drug Information & Consumer Education (DICE) comprise of three (3) main functions:

- **New Drug Information record**

To log enquiry online from PhIS users or from the public regarding drugs such as therapeutics, adverse effects, pharmacokinetics, interactions, drug identification and availability, drug administration, pharmaceuticals and pharmacy administration.

- **Drug Information Response**

To enter and verify the response towards the enquiries received. All responded enquiries will be pushed to the HQ and to be submitted in KYM website or/and PhIS Portal.

- **View Responded Enquiry**

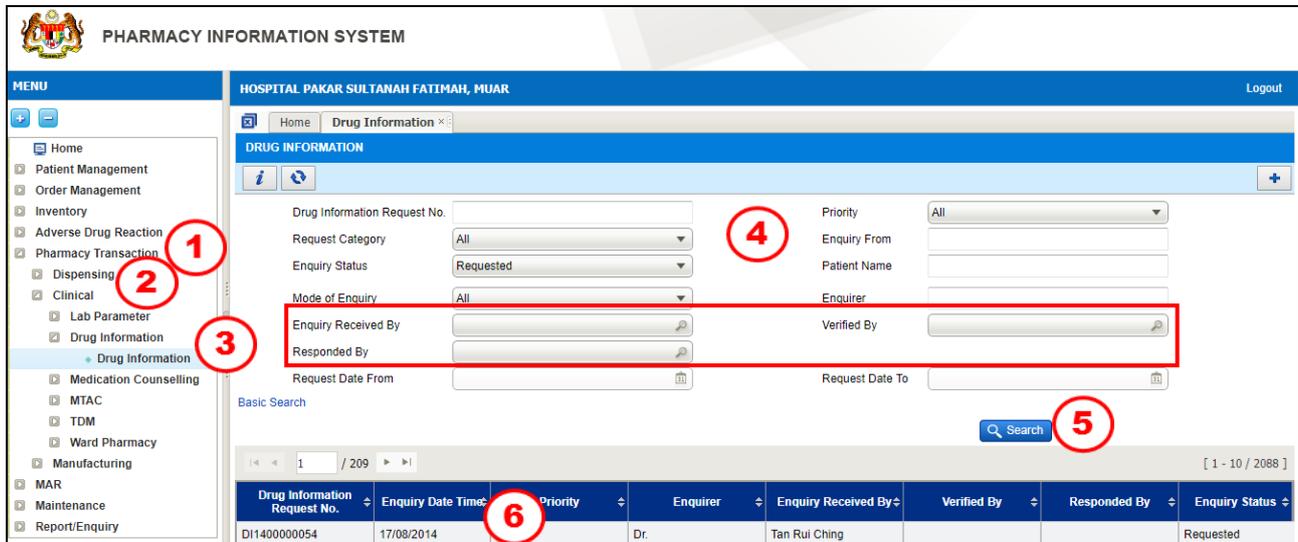
Enquirer will be able to view the response from the Pharmacist regarding the enquiry made.

3.1 New Drug Information record

This function is used to create a new Drug Information record

3.1.1 Drug Information Listing Page

This function is used to display all the existing Drug Information transaction(s).



PHARMACY INFORMATION SYSTEM

HOSPITAL PAKAR SULTANAH FATIMAH, MUAR

Logout

Home Drug Information

DRUG INFORMATION

Drug Information Request No. Priority

Request Category Enquiry From

Enquiry Status Patient Name

Mode of Enquiry Enquirer

Enquiry Received By Verified By

Responded By

Request Date From Request Date To

Basic Search

[1 - 10 / 2088]

Drug Information Request No.	Enquiry Date Times	Priority	Enquirer	Enquiry Received By	Verified By	Responded By	Enquiry Status
DI140000054	17/08/2014		Dr.	Tan Rui Ching			Requested

Figure 3.1.1-1 Drug Information Listing Page

Note

- This module will be used by all Healthcare Professional to record new enquiry about Drug Information and seek response from the DI Pharmacist in the facility.
- User is allowed to view a list of Drug Information records on the listing page depending on the user's access rights:
 - Pharmacist – Able to view all Drug Information records logged by users
 - Other user – Only able to view the Drug Information record(s) submitted by themselves

STEP 1

Click on 'Pharmacy Transaction' Menu

STEP 2

Click on 'Clinical'

STEP 3

Click on 'Drug Information' sub menu

STEP 4

To search for existing Drug Information transaction, user can search by criteria as follows:

No	Field	Description	Remark
a	Drug Information Request No.	The number is generated when user saves a newly created Drug Information record	Enter partial or full criteria for Drug Information Request No. Filter and search existing records based on the Drug Information Request No.
b	Priority	Select Priority from the drop down menu: - All - Medium [within 24 Hours] - Routine - Urgent [within 2 Hours]	If the Priority is enter in a newly created Drug Information record, user will be able to search using Priority as the criteria
c	Request Category	Select Request Category from the drop down menu: - All - Administration - Adverse Effect - Availability/Substitutes - Contraindication - Cytotoxic Drug - Dose range of frequency - Drug Formulation - Drug-Interaction - Drugs Compatibility - Drug use -Preg/Lact - Drug use - Renal / Hepa - Efficacy - Identification - Indication - Overdose - Parenteral Nutrition - Pharmacokinetic - Pharmacy Legislation - Poisoning - Therapeutic Drug Monitoring - Therapeutic use - Treatment Regime	If the Request Category is enter in a newly created Drug Information record, user will be able to search using Request Category as the criteria
d	Enquiry From	Enter Department/Unit Name or Facility Name	Filter and search existing records based on the Enquiry From
e	Enquiry Status	<ul style="list-style-type: none"> • Select Status from the drop down menu if the logged in user is the Pharmacist: <ul style="list-style-type: none"> - All - Verified - Requested - Responded • Select Status from the drop down menu if the logged in user is other than the Pharmacist: <ul style="list-style-type: none"> - All - Requested - Responded 	Filter and search existing records based on the Enquiry Status
f	Patient Name	Patient's name	Allow to search by patient full name or partial

Table 3.1.1-1

Note

Click on the **Advanced Search** hyperlink for advance search. The system will display additional fields as below:

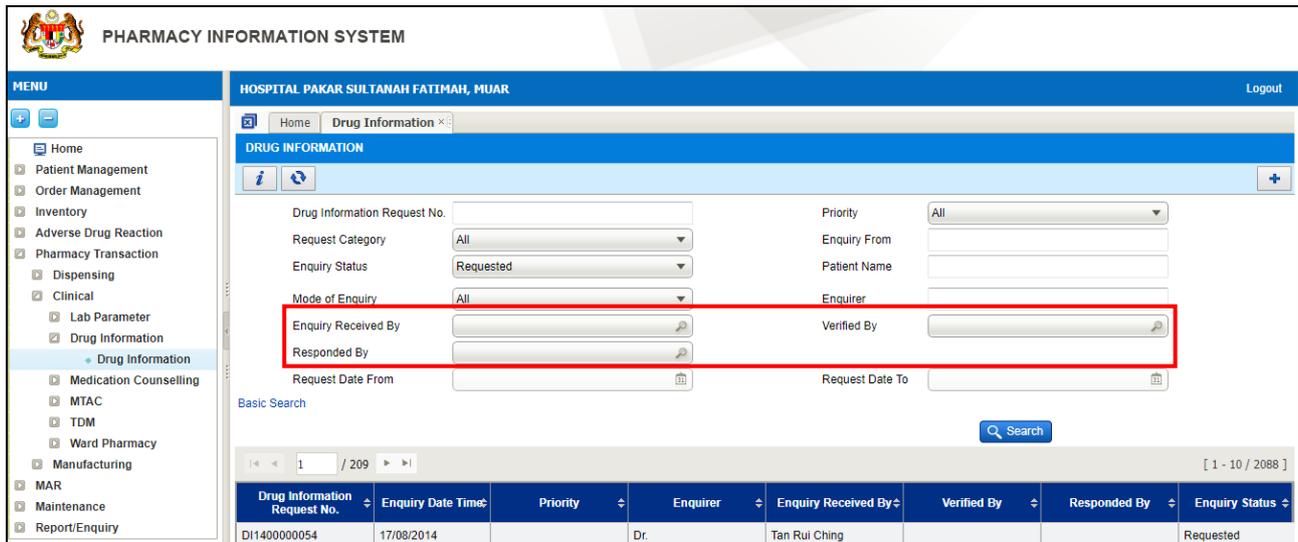


Figure 3.1.1-2 Drug Information Listing Page

No	Field	Description	Remark
a	Enquiry Received By	Search user who received the enquiry	Filter and search existing records based on the Enquiry Received By
b	Responded By	Search user who respond to the enquiry	Filter and search existing records based on the Responded By
c	Verified By	Search user who verify the response	Filter and search existing records based on the Verified By
d	Mode of Enquiry	Select Mode of Enquiry from the drop down menu: <ul style="list-style-type: none"> - All - Drug Info for educational/counselling - E-mail - Fax - In person - Online - Telephone - Verbal/Walk in 	If the Mode of Enquiry is enter in a newly created Drug Information record, user will be able to search using Mode of Enquiry as the criteria
e	Enquirer	Enter Enquirer Name	Enter a partial or full criteria for Enquirer
f	Request Date From	Start date to be selected from calendar	Filter and search existing records based on the Request Date From
g	Request Date To	End date to be selected from calendar	Filter and search existing records based on the Request Date To

Table 3.1.1-2

STEP 5

Click on the  button after input of criteria

STEP 6

Double click on the selected record and the details of a Drug Information report in PDF form will be displayed



Note

This information will be automatically displayed based on the Drug Information record selected:

- *Drug Information Request No.*
- *Enquiry Date Time*
- *Priority*
- *Enquirer*
- *Enquiry Received By*
- *Verified By*
- *Responded By*
- *Enquiry Status*

3.1.2 Record and Submit Enquiry received from Non-PhIS user

Enquiry can be received from the patient, public or other medical staff from the facility who do not have access to PhIS. However, any PhIS user will be able to access, record and send the enquiry to the Pharmacist.

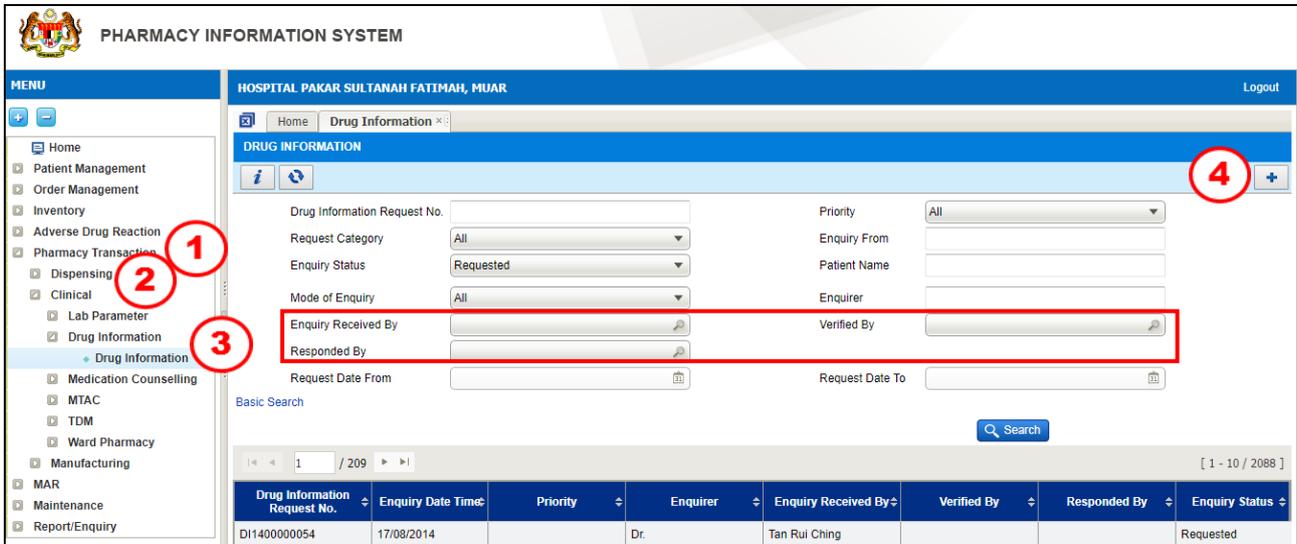


Figure 3.1.2-1 Create New Drug Information

STEP 1

Click on 'Pharmacy Transaction' Menu

STEP 2

Click on 'Clinical'

STEP 3

Click on 'Drug Information' sub menu

STEP 4

Click on the  button and the Drug Information screen will be displayed as shown in Figure 3.1.2-2

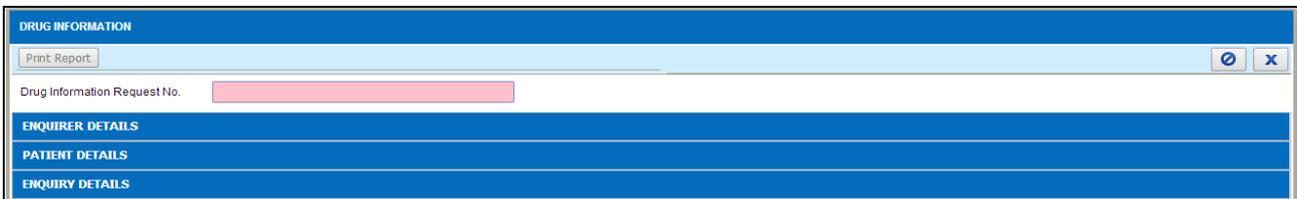


Figure 3.1.2-2 Drug Information

Note

- There are three (3) sections that have to be filled in the Drug Information screen as show in Figure 3.1.2-2:
 - Enquirer Details
 - Patient Details
 - Enquiry Details

a) **Enquirer Details section**

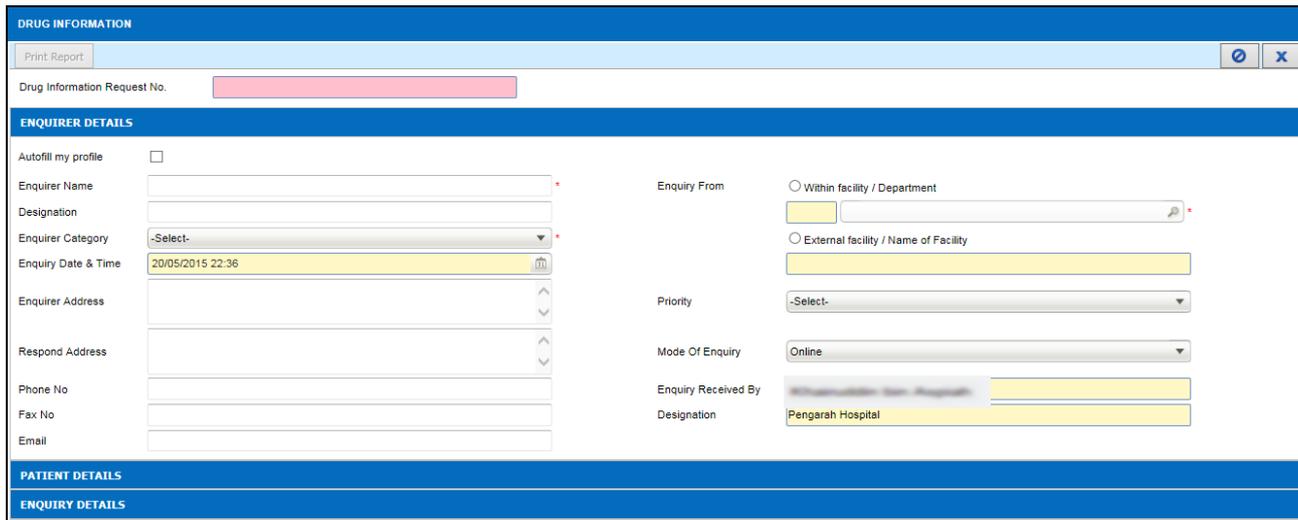


Figure 3.1.2-3 Enquirer Details section

- This section will record the enquirer's details.
- **Enquiry Date & Time** will be defaulted to the system Date and Time.
- **Enquiry Received By** will be based on the user Login ID.
- **Designation** will be based on the user Login ID.
- Deselect **Auto Fill My Profile** checkbox if the person who is enquiring is different from the person who is logged into the system.

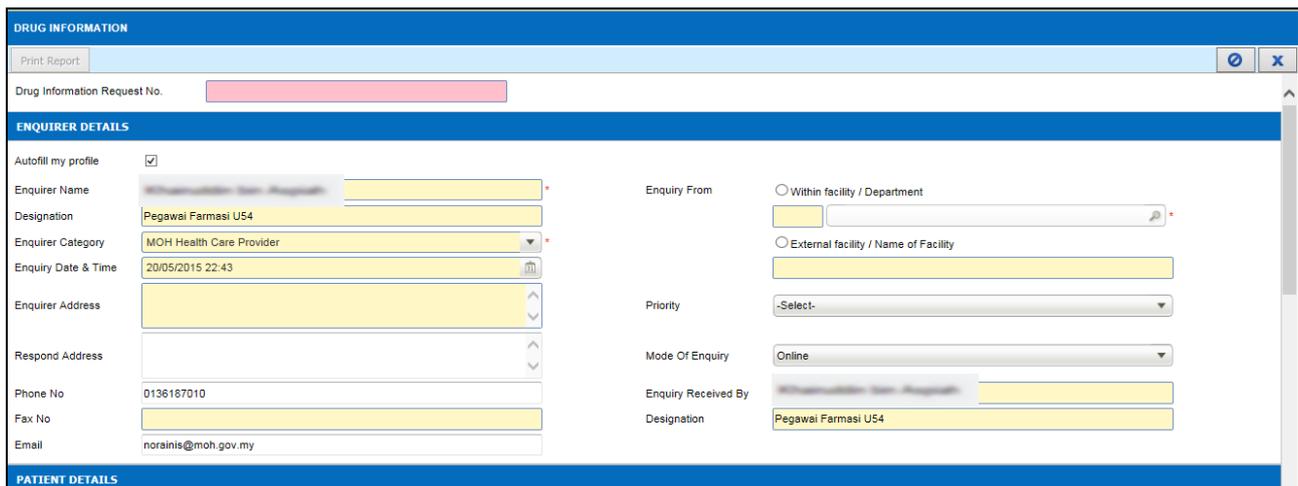


Figure 3.1.2-4 Enquirer Details section

Note

- Check the **Auto Fill My Profile** checkbox. This information will be captured based on the user login ID:
 - Enquirer Name
 - Designation
 - Enquirer Category
 - Enquirer Address
 - Phone No.
 - Email
- Select **MOH Healthcare Provider** if the enquirer is a MOH staff.
- Select **Non MOH Health Care Provider** if the enquirer is not a MOH staff.
- Select **Public** if the enquirer is from the public.

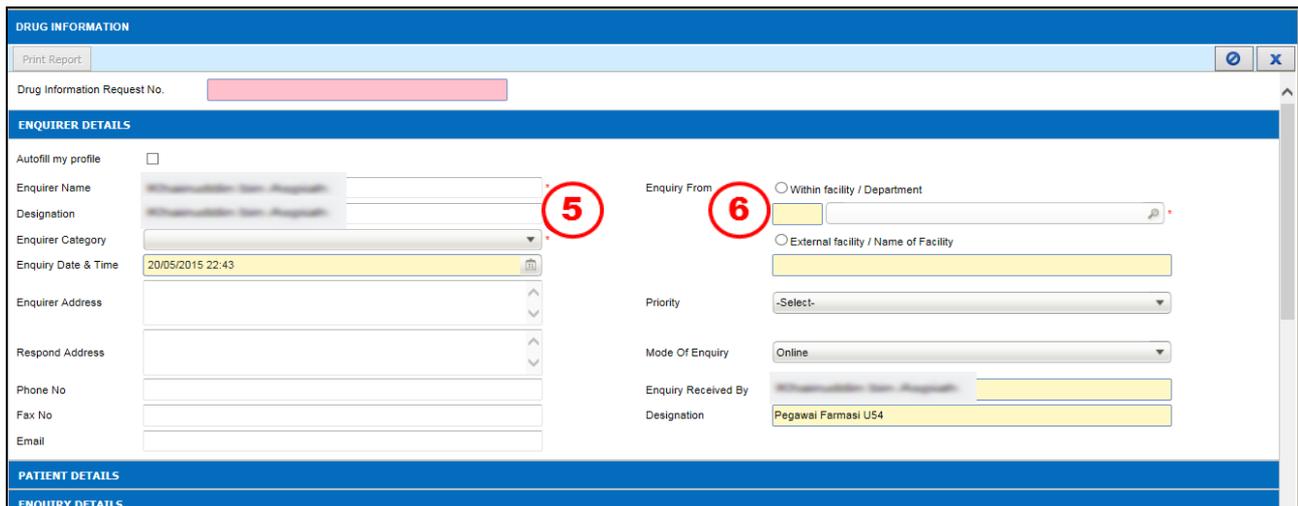


Figure 3.1.2-5 Enquirer Details section

Note

Uncheck the **Auto Fill My Profile** checkbox if the person enquiring and the person who is logged-in to the system are not the same person

STEP 5

Enter **Enquirer Name** and **Designation** (optional). then select **Enquirer Category** from the dropdown box

- MOH Health Care Provider
- Non MOH Health Care Provider
- Public

STEP 6

Select **Enquiry From** 'Within facility/Department' or 'External Facility/Name of facility' radio button (optional)

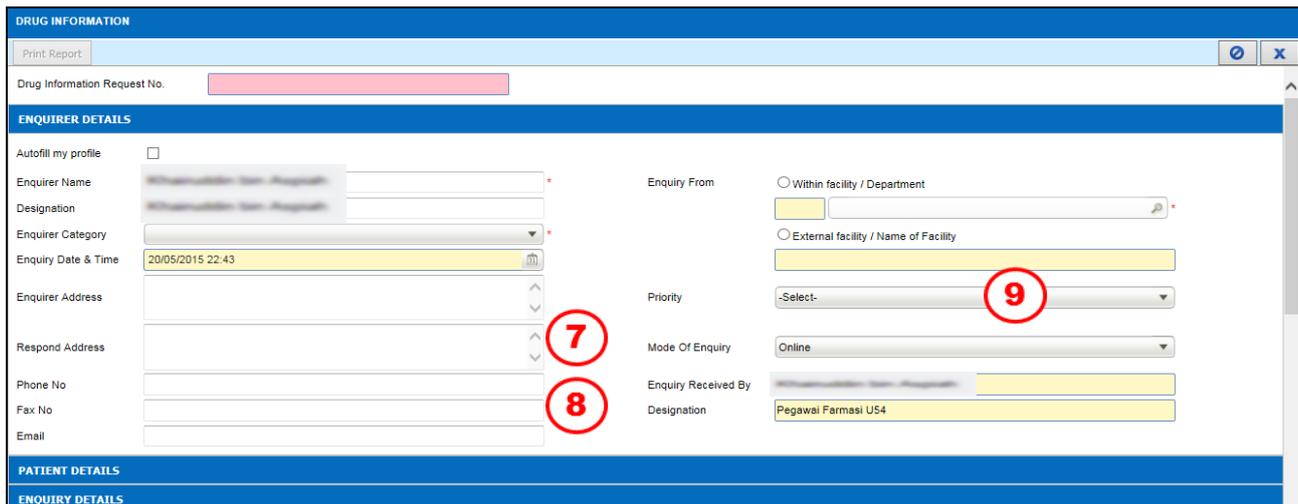
Note

- If '**Within facility/Department**' radio button is selected, select **Department** name from the dropdown box.
- If '**External Facility/Name of Facility**' radio button is selected, enter the **External Facility/Name of Facility**.

OPTIONAL FIELDS – Enquirer Details Section

Select and enter the below optional fields:

- **Designation** – Enter a free text for the enquirer's designation.
- **Enquirer Address** - Enter a free text for the enquirer's address.
- **Respond Address** - Enter a free text for the enquirer's respond address.
- **Fax No.** – Enter Fax No. if the respond is required to be faxed over to the enquirer.
- **Priority** - This is to indicate the urgency for the Pharmacist to respond to the enquiry. Select from the drop down menu:
 - a) Medium [within 24 Hours]
 - b) Routine
 - c) Urgent [within 2 Hours]
- Select **Mode of Enquiry** from the drop down menu:
 - a) Drug Info for educational/counseling
 - b) E-mail
 - c) Fax
 - d) In person
 - e) Online
 - f) Telephone
 - g) Verbal/Walk in



The screenshot shows a web-based form titled "DRUG INFORMATION" with a "Print Report" button. Below the title bar is a "Drug Information Request No." field. The main section is "ENQUIRER DETAILS" and includes an "Autofill my profile" checkbox. The form is divided into two columns. The left column contains: "Enquirer Name", "Designation", "Enquirer Category", "Enquiry Date & Time" (with a date/time picker showing 20/05/2015 22:43), "Enquirer Address", "Respond Address", "Phone No", "Fax No", and "Email". The right column contains: "Enquiry From" (with radio buttons for "Within facility / Department" and "External facility / Name of Facility"), "Priority" (a dropdown menu with "-Select-" and a red circle with the number 9), "Mode Of Enquiry" (a dropdown menu with "Online" and a red circle with the number 9), "Enquiry Received By" (with a red circle with the number 7), and "Designation" (with a dropdown menu showing "Pegawai Farmasi U54"). At the bottom of the form are sections for "PATIENT DETAILS" and "ENQUIRY DETAILS".

Figure 3.1.2-6 Enquirer Details

STEP 7

Enter information into these optional fields:

- a) **Enquirer Address**
- b) **Respond Address**
- c) **Fax No.**

STEP 8

Enter **Phone No.** and **Email.**

STEP 9

Select **Priority** from the dropdown box

- a) Medium [within 24 hrs]
- b) Routine
- c) Urgent [within 2 hrs]

Select **Mode of Enquiry** from the dropdown box (Optional)

- a) Drug Info for educational/counseling
- b) E-mail
- c) Fax
- d) In person
- e) Online
- f) Telephone
- g) Verbal/Walk in

b) Patient Details section

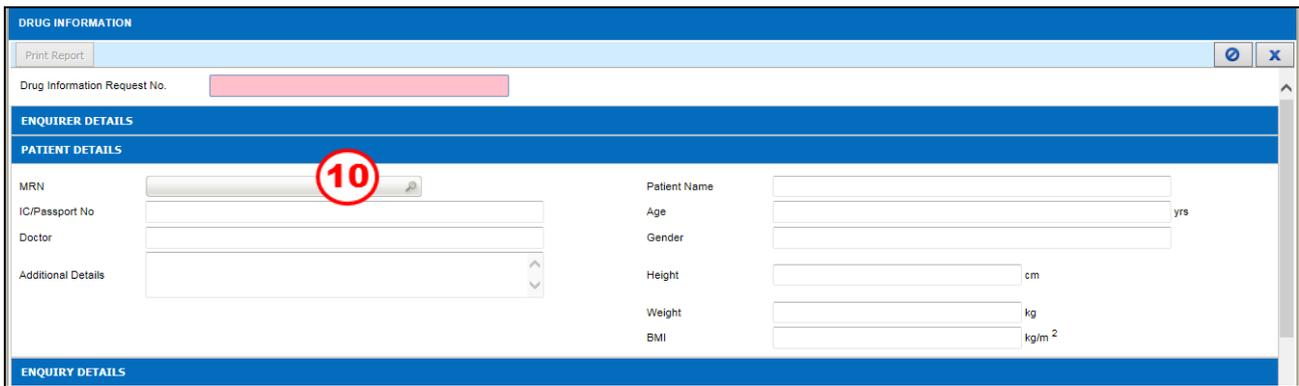


Figure 3.1.2-7 Patient Details section

STEP 10

Search **MRN**

Note

- This section is optional to be filled if the enquiry comes from the patient registered at the facility.
- All fields under the Patient Details section are optional to be selected and entered

OPTIONAL FIELDS – Patient Details Section

Select and enter the below optional fields:

- **MRN** – Search for patient’s Medical Record Number. **Patient Name, Age, Gender, Height, Weight, BMI, and Doctor** details will be displayed automatically from the selected MRN (If available)
- Enter **Additional Details** of the patient if applicable.

c) Enquiry Details section

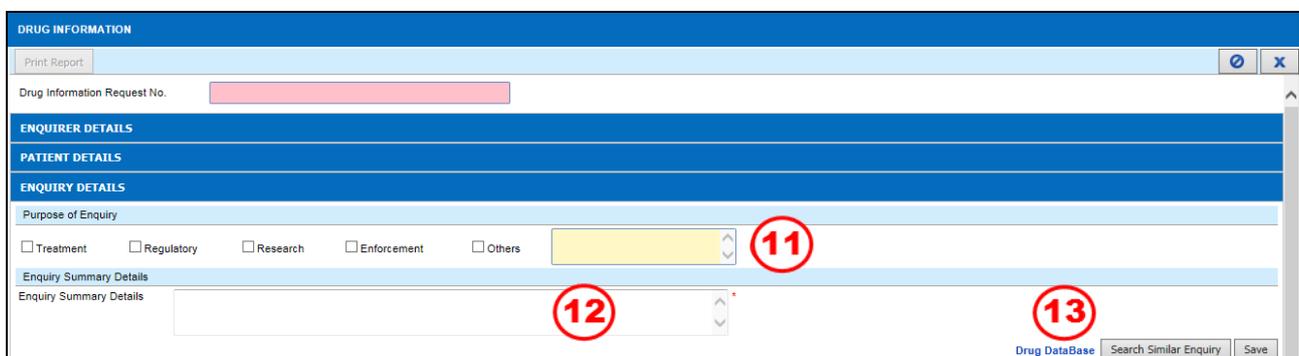


Figure 3.1.2-8 Enquiry Details section

Note

This section indicates information entered by the enquiry.

STEP 11

Select the **Purpose of Enquiry** checkbox as appropriate

- Treatment
- Research
- Regulatory

- Enforcement
- Others

Note

- User can select more than one (1) checkbox.
- If more than one (1) checkbox is selected, a field will be enabled for the user to enter remarks.
- Alert messages as shown in Figure 3.1.2-9 will be prompted if no **Purpose of Enquiry** check box is selected.

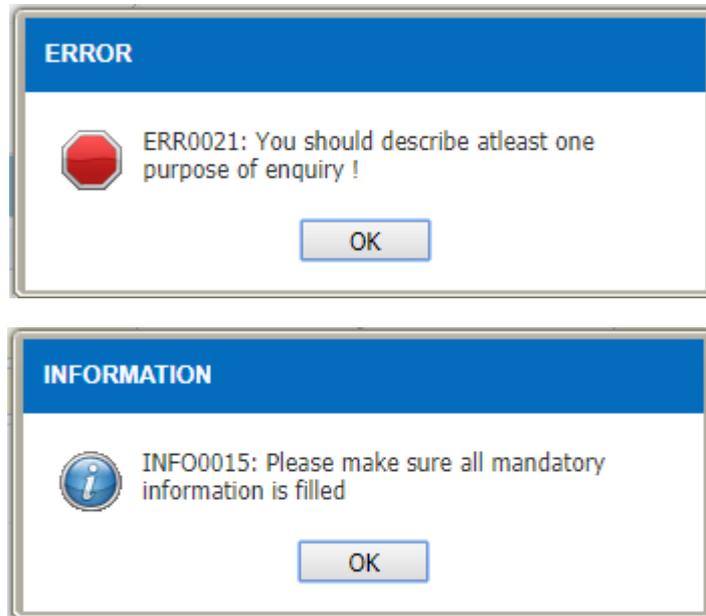


Figure 3.1.2-9 Select Purpose of Enquiry

STEP 12

Enter the **Enquiry Summary Details**

Note

Enquirer will enter the summary of the enquiry information.

OPTIONAL FIELDS – Enquiry Details Section

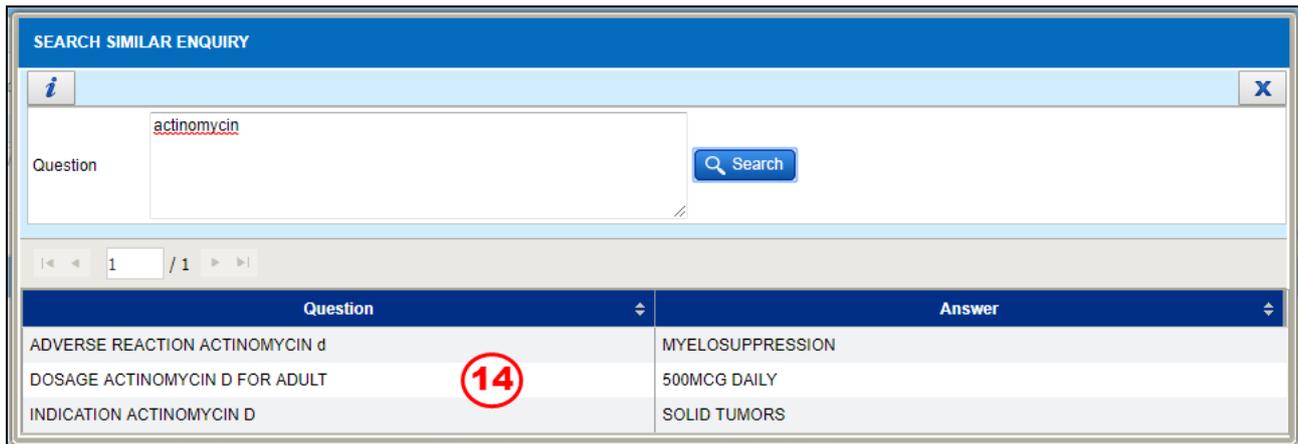
Select and enter the below optional fields:

STEP 13

a) Click on the **Drug Database** hyperlink to access MIMS

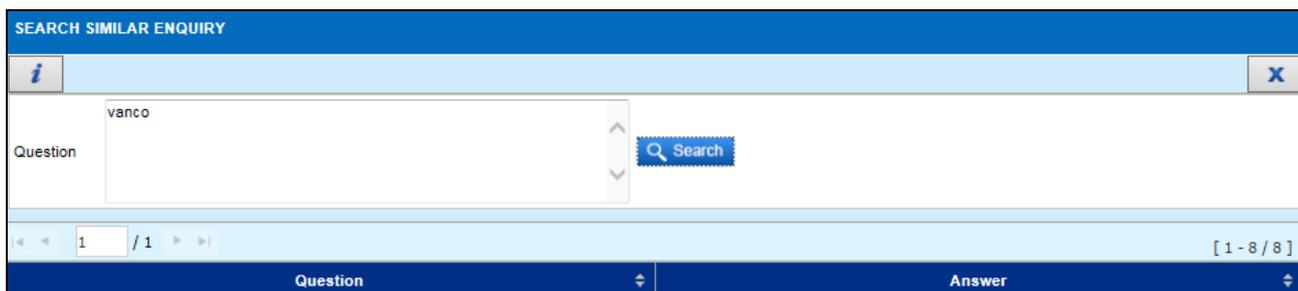
b) Click on the button to search for similar enquiry asked.

- All the similar enquiry(s) will be listed on screen as show in Figure 3.2.1-10.
- User can search by entering partial or full criteria and click on the button. System will list down all the answer(s) related to the searched question.
- If the search is not matched, no results will be displayed as shown in Figure 3.2.1-11.



Question	Answer
ADVERSE REACTION ACTINOMYCIN d	MYELOSUPPRESSION
DOSAGE ACTINOMYCIN D FOR ADULT	500MCG DAILY
INDICATION ACTINOMYCIN D	SOLID TUMORS

Figure 3.1.2-10 Search Similar Enquiry

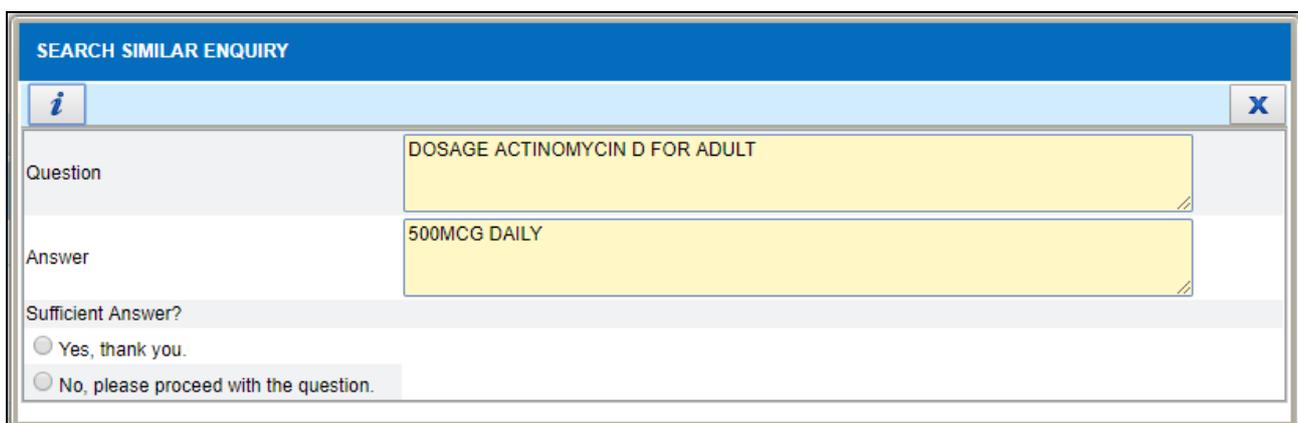


Question	Answer
----------	--------

Figure 3.1.2-11 No Similar Enquiry found

STEP 14

Double click on the answer from the Search Similar Enquiry section and new window will display as shown in Figure 3.1.2-12



Question: DOSAGE ACTINOMYCIN D FOR ADULT

Answer: 500MCG DAILY

Sufficient Answer?

Yes, thank you.

No, please proceed with the question.

Figure 3.1.2-12 Similar Enquiry existed

Note

- If 'Yes' option is selected from the radio button for the field **Sufficient Answer?** The Drug Information screen will be closed and the user will be redirected to the Listing Page.
- If 'No' option is selected from the radio button for the field **Sufficient Answer?** The user will be redirected back to the Drug Information screen to submit the enquiry for response from the Pharmacist.

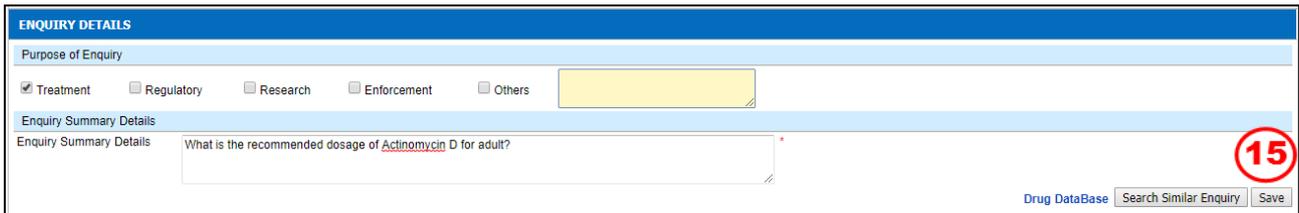


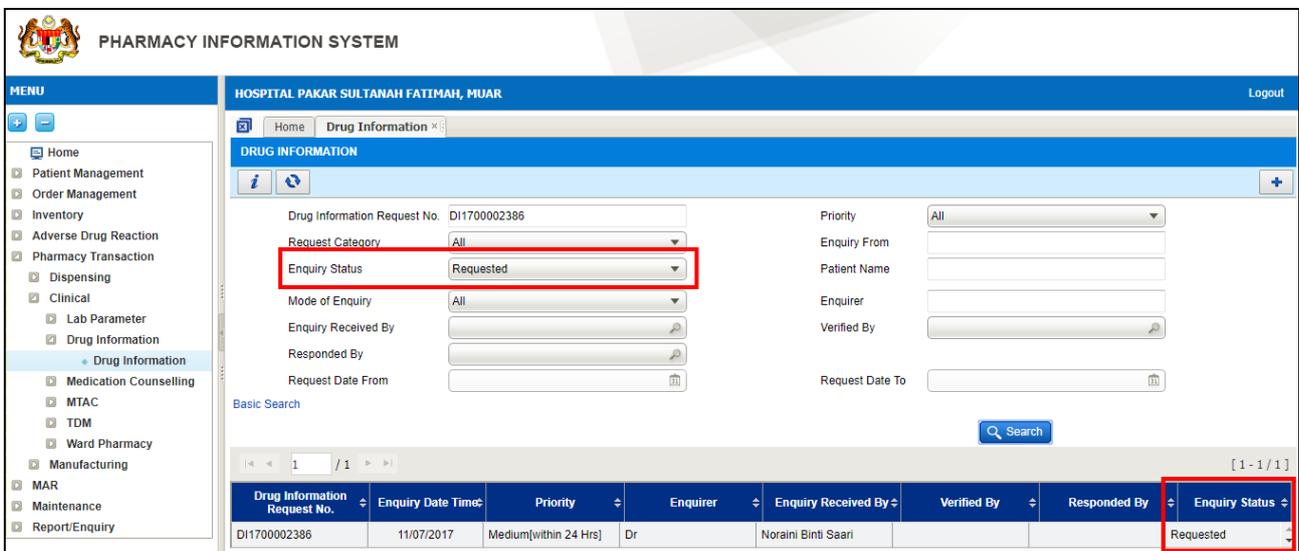
Figure 3.1.2-13 Enquiry Details section

STEP 15

Click on the  button to send the enquiry for response to the pharmacist

Note

- **Drug Information Request No** will be generated automatically for future reference.
- The enquiry **Status** will change to 'Requested' as shown in Figure 3.1.2-14
- Record with Status as 'Requested' cannot be opened if the Pharmacist does not verify the record. However, the report in PDF is available to be viewed/printed.

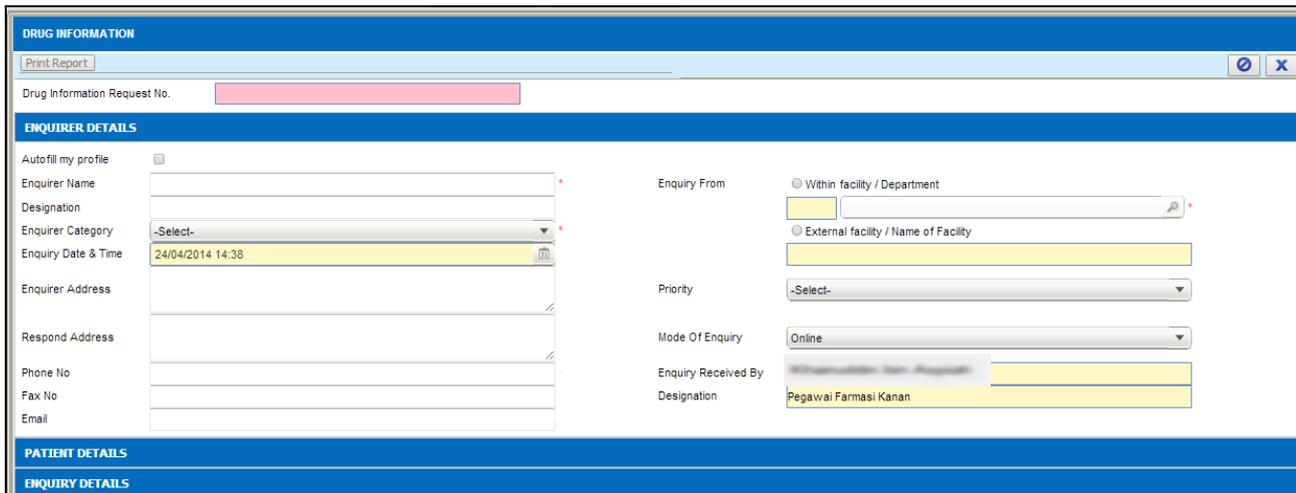


Drug Information Request No.	Enquiry Date Time	Priority	Enquirer	Enquiry Received By	Verified By	Responded By	Enquiry Status
DI1700002386	11/07/2017	Medium[within 24 Hrs]	Dr	Noraini Binti Saari			Requested

Figure 3.1.2-14 Enquiry Status = Requested

3.1.3 Record and Submit own Enquiry

This function is used to record the user's own enquiry to the Pharmacist.



The screenshot shows a web application window titled 'DRUG INFORMATION' with a 'Print Report' button. Below the title bar, there is a 'Drug Information Request No.' field. The main section is 'ENQUIRER DETAILS' and contains the following fields and options:

- Autofill my profile
- Enquirer Name: [Text Field]
- Designation: [Text Field]
- Enquirer Category: [-Select-]
- Enquiry Date & Time: [24/04/2014 14:38]
- Enquirer Address: [Text Field]
- Respond Address: [Text Field]
- Phone No: [Text Field]
- Fax No: [Text Field]
- Email: [Text Field]
- Enquiry From: Within facility / Department (Selected) [Text Field]
- External facility / Name of Facility [Text Field]
- Priority: [-Select-]
- Mode Of Enquiry: [Online]
- Enquiry Received By: [Text Field]
- Designation: [Pegawai Farmasi Kanan]

Below the 'ENQUIRER DETAILS' section, there are tabs for 'PATIENT DETAILS' and 'ENQUIRY DETAILS'.

Figure 3.1.3-1 Enquirer Details section

Note

- Repeat **STEP 1** to **STEP 4** in 3.1.2 Record and Submit Enquiry received from Non-PhIS user and system will display the screen as shown in the Figure 3.1.3-1.
- Select the **Auto Fill My Profile** check box; this information will be recorded from the user login ID as shown in Figure 3.1.3-2.
 - Enquirer Name
 - Designation
 - Enquirer Category
 - Enquirer Address
 - Phone No.
 - Email

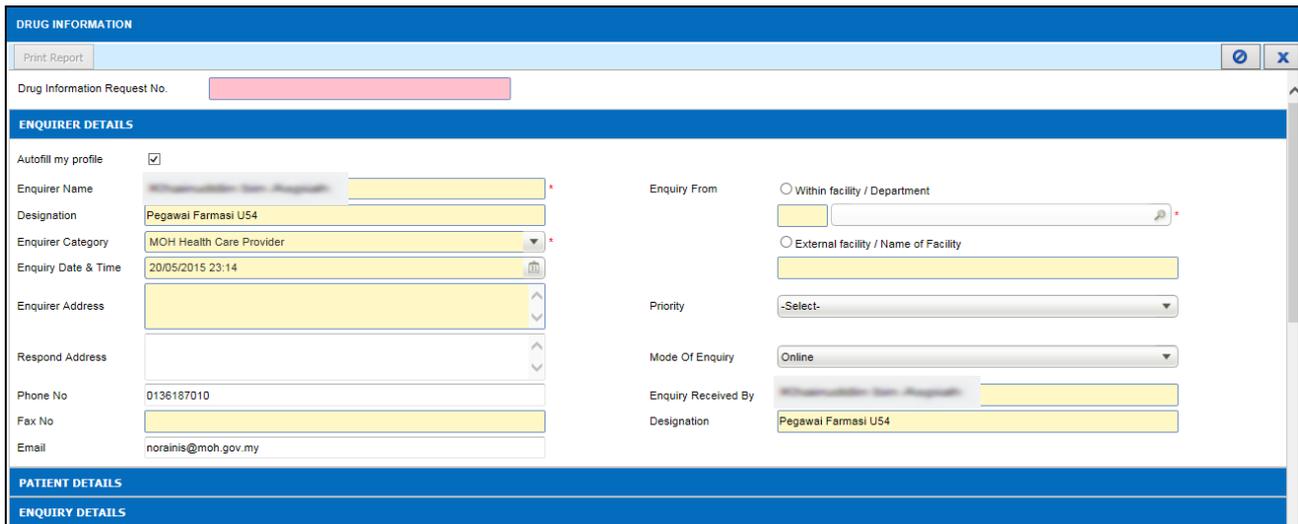


Figure 3.1.3-2 Enquirer Details

OPTIONAL FIELDS – Enquirer Details Section

Select and enter the below optional fields:

- **Respond Address**
- **Enquiry From**
- **Priority**
- **Mode of Enquiry**

Note

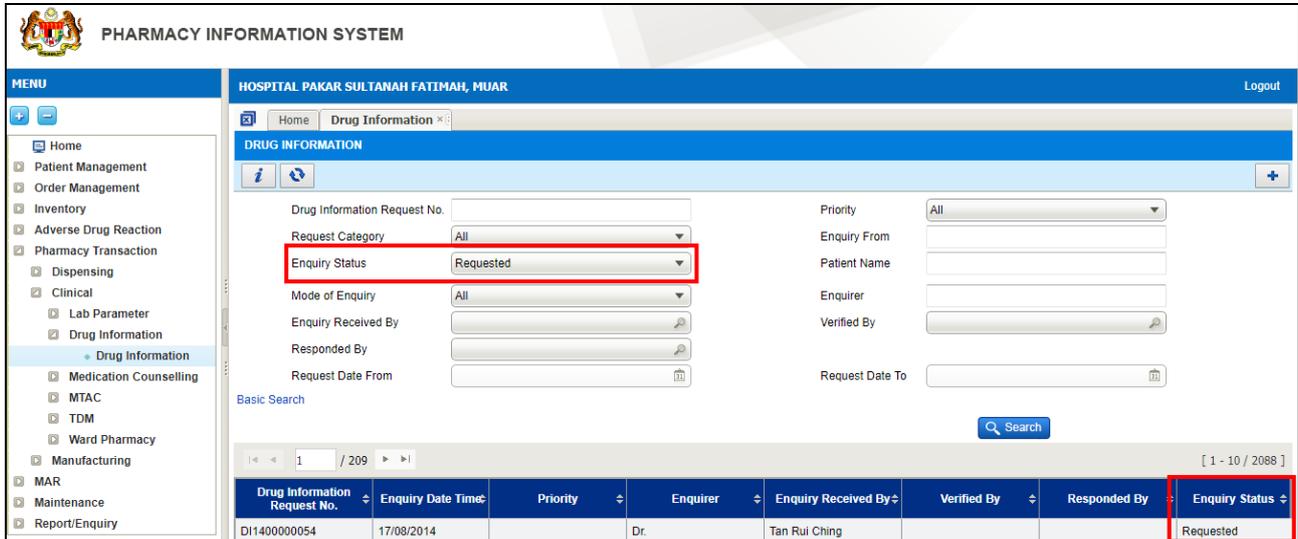
Follow the same step for the **b) Patient Details section** and **c) Enquiry Details section** in 3.1.2. Record and Submit Enquiry received from Non-PhIS user.

3.2 Drug Information Response

The Pharmacist will be able to see all the details entered by the enquirer with an additional section: Response Details

3.2.1 Enter Response

The DI Pharmacist/Assistant Pharmacist will be responsible to receive enquiries



The screenshot displays the 'PHARMACY INFORMATION SYSTEM' interface for 'HOSPITAL PAKAR SULTANAH FATIMAH, MUAR'. The 'DRUG INFORMATION' section is active, showing a form with various fields. The 'Enquiry Status' dropdown menu is highlighted with a red box and set to 'Requested'. Below the form, a table lists drug information records, with the 'Enquiry Status' column also highlighted in red for the first record.

Drug Information Request No.	Enquiry Date Time	Priority	Enquirer	Enquiry Received By	Verified By	Responded By	Enquiry Status
DI1400000054	17/08/2014		Dr.	Tan Rui Ching			Requested

Figure 3.2.1-1 Enquiry Status = Requested

Note

Refer to section 3.1.1 Drug Information Listing Page to search for the 'Requested' Drug Information record.

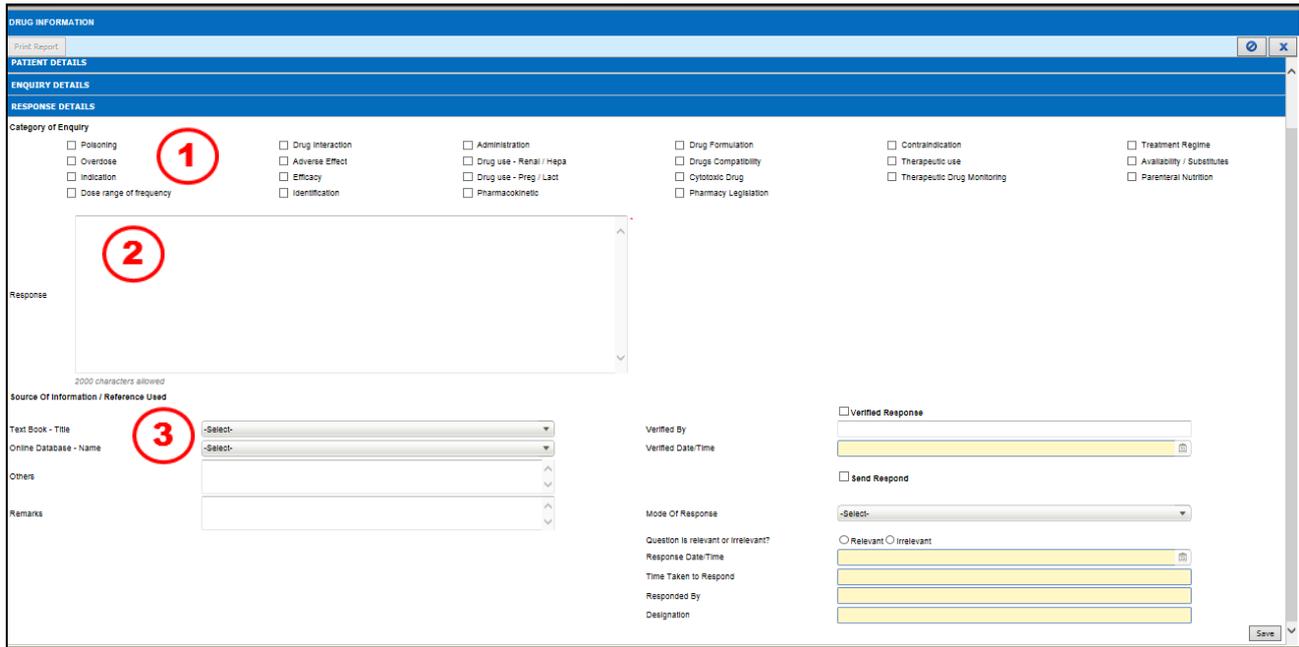


Figure 3.2.1-2 Response Details

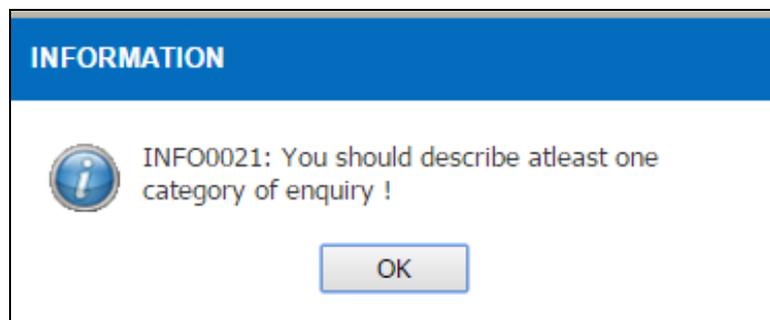


Figure 3.2.1-3 Select at least one Category of Enquiry

STEP 1

Select at least one of the **Category of Enquiry** checkbox as appropriate. The user can select more than one category.

Note

Alert message as shown in Figure 3.2.1-3 will be prompted if no **Category of Enquiry** check box is selected.

STEP 2

Enter the answer/respond for the enquiry received in the **Response field**

STEP 3

Select and enter for **Source of Information/Reference Used** (Optional)

Select **Text Book – Title**

Select **Online Database – Name**

Insert **Other** and **Remarks** Field

STEP 4

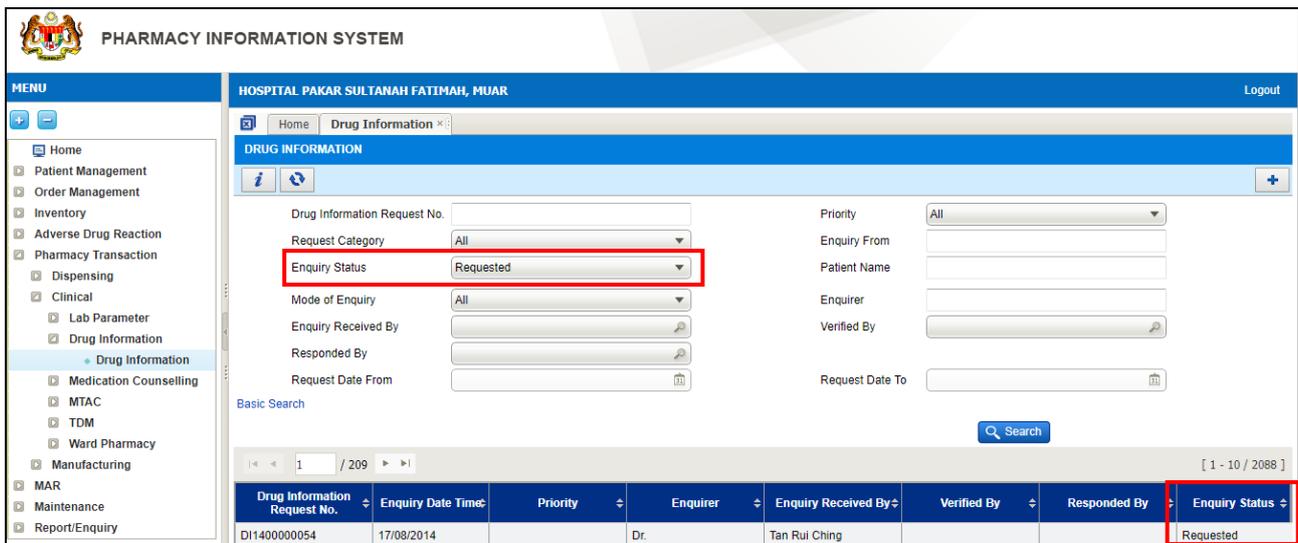
Click on the  button to save the response entered

Note

- Based on the user access granted to a login ID, the 'Response' entered has to be verified before the **Send Respond** check box can be selected.
- The **Status** of the Drug Information record will remain as 'Requested'.
- Records with Status Requested cannot be opened by the enquirer if the Pharmacist does not verify the record. However, the report in PDF format is available for viewing/printing.

3.2.2 Verify Respond

A Drug Information record that has been responded will be sent to the Pharmacist in charge to verify the accuracy of the response.



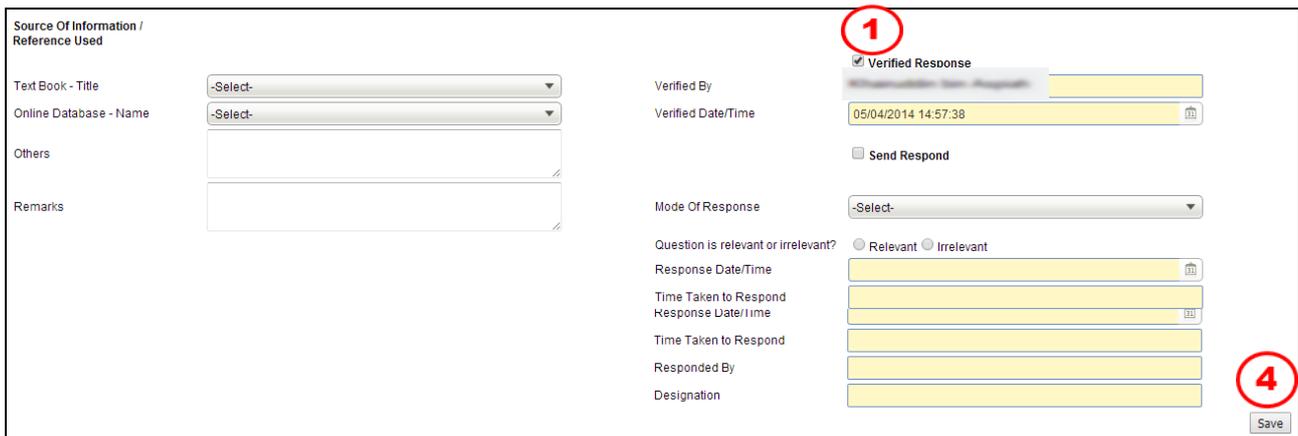
The screenshot shows the 'PHARMACY INFORMATION SYSTEM' interface for 'HOSPITAL PAKAR SULTANAH FATIMAH, MUAR'. The 'DRUG INFORMATION' section is active, and the 'Enquiry Status' dropdown menu is highlighted with a red box, showing 'Requested'. Below the form, a table lists drug information records, with the first row highlighted and its 'Enquiry Status' also highlighted with a red box.

Drug Information Request No.	Enquiry Date Time	Priority	Enquirer	Enquiry Received By	Verified By	Responded By	Enquiry Status
DI140000054	17/08/2014		Dr.	Tan Rui Ching			Requested

Figure 3.2.2-1 Enquiry Status = Requested

Note

- Refer to section 3.1.1 Drug Information Listing Page to search for the 'Requested' Drug Information record.
- To function is required to verify the response entered by the previous DI pharmacist.
- The pharmacist is allowed to amend the response entered if required.



The screenshot shows the 'Verify Response' form. A red circle with the number '1' highlights the 'Verified Response' checkbox, which is checked. A red circle with the number '4' highlights the 'Save' button at the bottom right of the form.

Figure 3.2.2-2 Verify Response

STEP 1

Check on the **Verified Response** checkbox to confirm that the Response information entered is sufficient and accurate

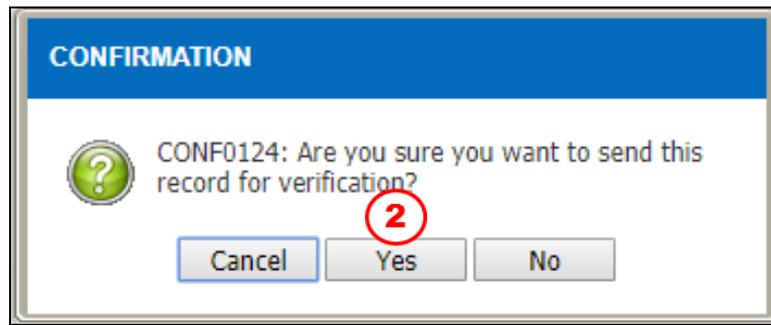
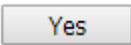


Figure 3.2.2-3 Confirmation Alert Message

STEP 2

Click on the  button to confirm the verification

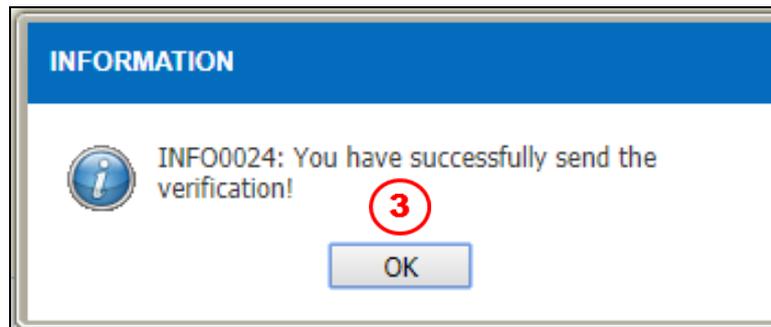
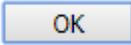


Figure 3.2.2-4 Information Alert Message

STEP 3

Click on the  button

Note

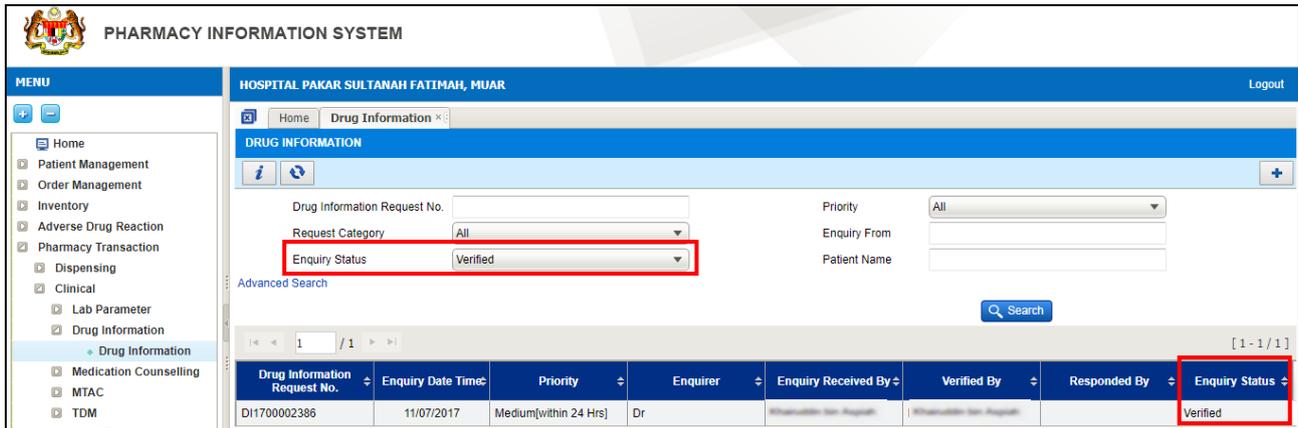
- System will record the **Verified By** based on from the user's Login ID.
- **Verified Date/Time** defaults to the system Date/Time.

STEP 4

Click on the  button to save the record

3.2.3 Send Respond

This function is used to send the feedback to the enquirer after the Drug Information record has been verified.



The screenshot shows the 'PHARMACY INFORMATION SYSTEM' interface for 'HOSPITAL PAKAR SULTANAH FATIMAH, MUAR'. The 'DRUG INFORMATION' section displays a record with the following details:

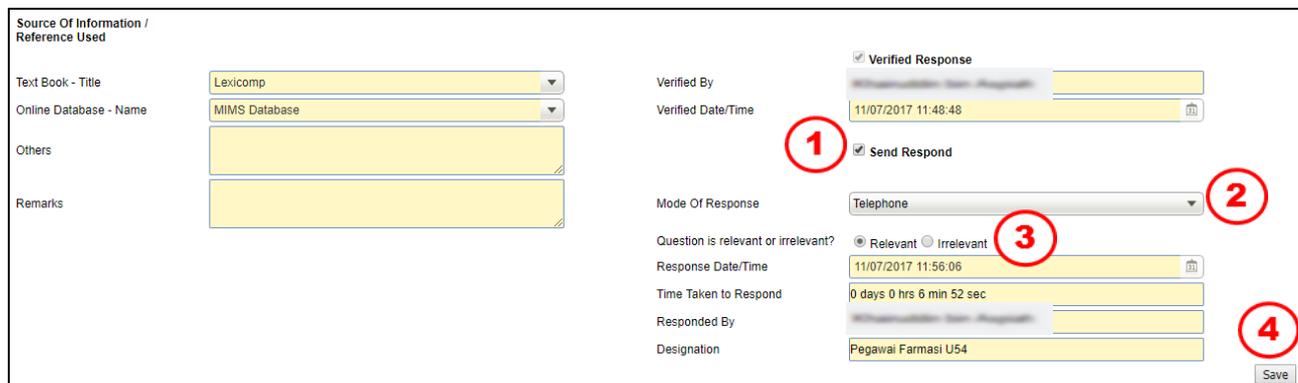
Drug Information Request No.	Enquiry Date Time	Priority	Enquirer	Enquiry Received By	Verified By	Responded By	Enquiry Status
DI1700002386	11/07/2017	Medium(within 24 Hrs)	Dr				Verified

The 'Enquiry Status' dropdown menu is highlighted with a red box, showing 'Verified' as the selected option.

Figure 3.2.3-1 Enquiry Status = Verified

Note

- Refer to section 3.1.1 Drug Information Listing Page to search for the 'Verified' Drug Information record.
- This function is required to send the verified response to the enquirer and to submit the enquiry to HQ.



The 'Send Respond' form includes the following fields and options:

- Source Of Information / Reference Used:** Text Book - Title (Lexicomp), Online Database - Name (MIMS Database), Others, Remarks.
- Verified By:** [User Name]
- Verified Date/Time:** 11/07/2017 11:48:48 (Callout 1)
- Mode Of Response:** Telephone (Callout 2)
- Question is relevant or irrelevant?:** Relevant (selected), Irrelevant (Callout 3)
- Response Date/Time:** 11/07/2017 11:56:06
- Time Taken to Respond:** 0 days 0 hrs 6 min 52 sec
- Responded By:** [User Name]
- Designation:** Pegawai Farmasi U54 (Callout 4)
- Buttons:** Verified Response, Send Respond, Save

Figure 3.2.3-2 Send Respond

STEP 1

Select the **Send Respond** check box.

STEP 2

Select from the **Mode of Response** drop down box (Optional).

STEP 3

Select **Relevant** option from the **Question is relevant or irrelevant?**

Note

- Response Date/Time** will be defaulted to showing the system Date/Time. It is editable and used to it will be calculating the 'Time Taken to Respond'.
- The 'Responded By' and the 'Designation' will be recorded based on the user's Login ID.

STEP 4

Click on the **Save** button to save the record.

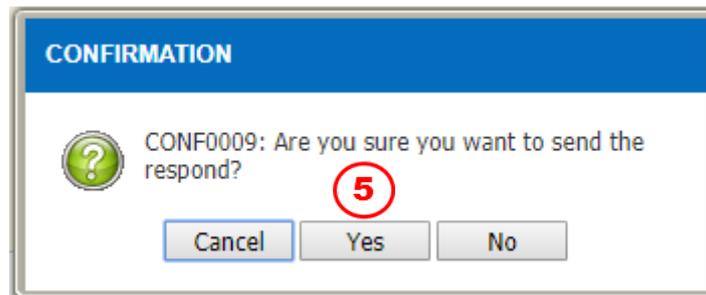


Figure 3.2.3-3 Confirmation Alert Message

STEP 5

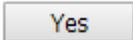
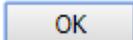
Click on the  button to send the respond



Figure 3.2.3-4 Confirmation Alert Message

STEP 6

Click on the  button

Note

- The **Enquiry Status** will change to 'Responded'.
- 'Responded' Drug Information records will be submitted to HQ. HQ will be decided whether to publish the enquiry to Know Your Medicine (KYM) Portal and/or PhIS Portal.
- Know Your Medicine Portal can be will be accessed by the public. However, the PhIS Portal is only accessible by the PhIS Users.

Source Of Information / Reference Used		Verified Response	
Text Book - Title	Lexicomp	Verified By	Microservices Dev Support
Online Database - Name	MIMS Database	Verified Date/Time	11/07/2017 12:39:57
Others		Send Respond	<input checked="" type="checkbox"/>
Remarks		Mode Of Response	E-mail
		Question is relevant or irrelevant?	<input checked="" type="radio"/> Relevant <input type="radio"/> Irrelevant
		Response Date/Time	Microservices Dev Support
		Time Taken to Respond	0 days 0 hrs 0 min 2 sec
		Responded By	Noraini Binti Saari
		Designation	Pegawai Farmasi U54
Send As Email			

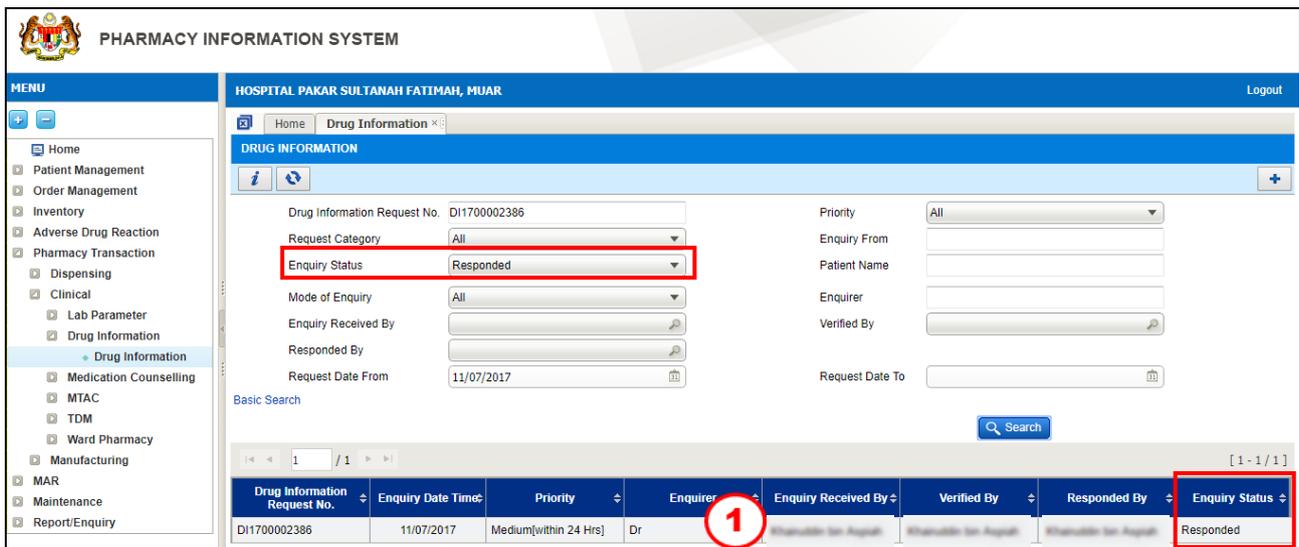
Figure 3.2.3-5 Send as Email

Note

- Click on the [Send As Email](#) hyperlink to send an email to the enquirer via Microsoft Outlook as per Figure 3.2.3-5
- Microsoft Outlook and Adobe Reader will be required for this function,

3.3 View Responded Enquiry

This function is used by the enquirer to view the answer responded by the Pharmacist.



PHARMACY INFORMATION SYSTEM

HOSPITAL PAKAR SULTANAH FATIMAH, MUAR

Home Drug Information

DRUG INFORMATION

Drug Information Request No. DI1700002386

Request Category: All

Enquiry Status: Responded

Mode of Enquiry: All

Request Date From: 11/07/2017

Priority: All

Enquiry From: [Empty]

Patient Name: [Empty]

Enquirer: [Empty]

Verified By: [Empty]

Request Date To: [Empty]

Basic Search [Search]

Drug Information Request No.	Enquiry Date Time	Priority	Enquirer	Enquiry Received By	Verified By	Responded By	Enquiry Status
DI1700002386	11/07/2017	Medium[within 24 Hrs]	Dr				Responded

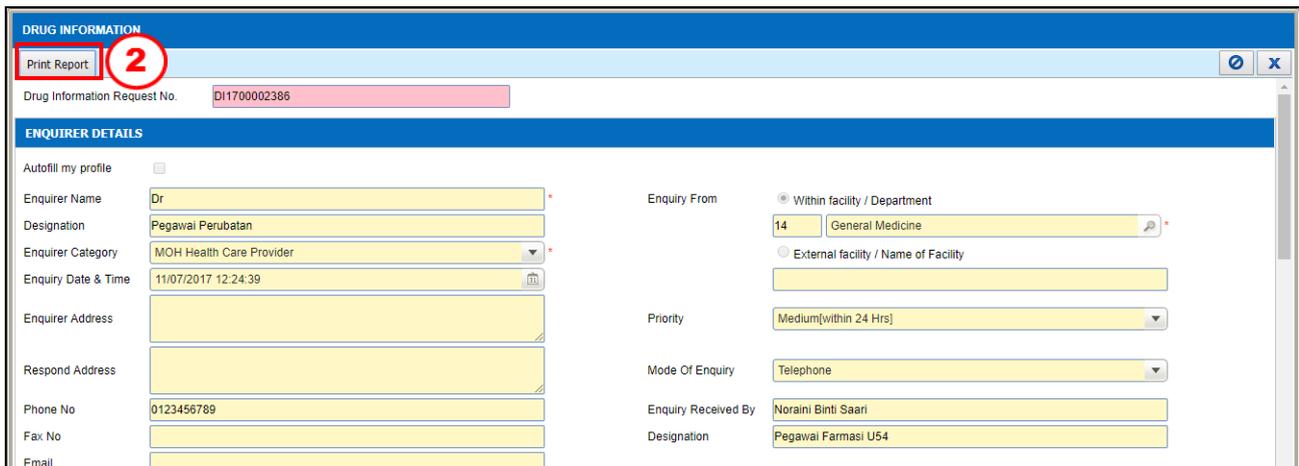
Figure 3.3-1 Enquiry Status = Responded

Note

- When a drug information record status is Responded, enquirer will be able to view the response provided in the PDF form.
- Refer to section 3.1.1 Drug Information Listing Page to search for the 'Responded' Drug Information record.

STEP 1

Double click on the record with status 'Responded' to view the response



DRUG INFORMATION

Print Report

Drug Information Request No. DI1700002386

ENQUIRER DETAILS

Autofill my profile

Enquirer Name: Dr

Designation: Pegawai Perubatan

Enquirer Category: MOH Health Care Provider

Enquiry Date & Time: 11/07/2017 12:24:39

Enquirer Address: [Empty]

Respond Address: [Empty]

Phone No: 0123456789

Fax No: [Empty]

Email: [Empty]

Enquiry From: Within facility / Department (14 General Medicine)

Priority: Medium[within 24 Hrs]

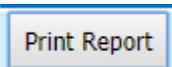
Mode Of Enquiry: Telephone

Enquiry Received By: Noraini Binti Saari

Designation: Pegawai Farmasi U54

Figure 3.3-2 Print Report

STEP 2

Click on the  button to print the enquiry report.

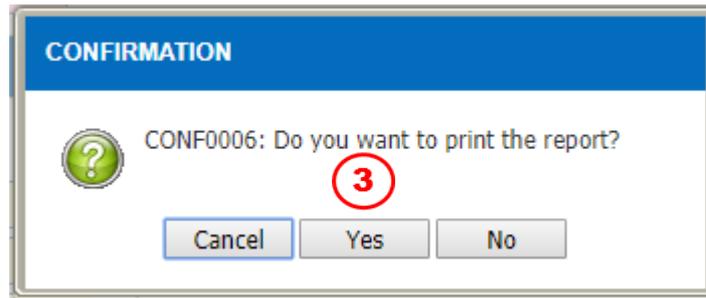
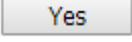


Figure 3.3-3 Confirmation Alert Message

STEP 3

Click on the  button to confirm

Note

- Response in PDF format will be displayed as shown in Figure 3.3-4.
- The response entered and verified by the Pharmacist can be viewed in the Enquiry Response (Answer) field.

Ministry of Health, Malaysia
DRUG INFORMATION - ENQUIRY RESPONSE

HOSPITAL PAKAR SULTANAH FATIMAH, MUAR

Jalan Salleh, test

069521901

A. ENQUIRER DETAILS	
Date of Reply/Response	Enquirer Name / Designation / Contact Details
11/07/2017	Dr/Pegawai Perubatan/0123456789
Enquirer Category : MOH Health Care Provider	
Enquiry From :	
1) Within Facility Department	: General Medicine
2) External facility / Name of	:

B. CATEGORY OF ENQUIRY					
Poisoning	Drug Interaction	Administration	Drug Formulation	Contraindication	
Treatment Regime	Overdose	Adverse Effect	Drug use - Renal / Hepa	Drugs Compatibility	
Therapeutic use	Availability/ Substitutes	Indication	Efficacy	Drug use - Preg/ Lact	
Cytotoxic Drug	Therapeutic Drug Monitoring	Parenteral Nutrition	<input checked="" type="checkbox"/> Dose range of frequency	Identification	
Pharmacokinetic	Pharmacy Legislation				

C. MODE OF RESPONSE							
Drug Info	Email	Fax	In Person	Online	<input checked="" type="checkbox"/>	Telephone	

D. SOURCE OF INFORMATION / REFERENCE USED					
BNF	Harrison	<input checked="" type="checkbox"/>	Lexicomp	MIMS	
Martindale	Lexicomp Database	<input checked="" type="checkbox"/>	MIMS Database	Martindale Database	

E. ENQUIRY SUMMARY (QUESTION) & ENQUIRY RESPONSE (ANSWER)	
Question :What is the recommended dosage of Actinomycin D for adult?	
Answer :500MCG DAILY	

Received By	: Noraini Binti Saari	Designation	: PF54
Verified By	: Noraini Binti Saari	Verified Date/ Time	: 11/07/2017 11:48:48 AM
Response By	: Noraini Binti Saari	Response Date/ Time	: 11/07/2017 11:58:08 AM

Figure 3.3-4 Drug Information – Enquiry Report



4.0 Acronyms

Abbreviation	Definition
MOH	Ministry of Health
PhIS	Pharmacy Information System
CPS	Clinical Pharmacy System
DICE	Drug Information and Consumer Education
MRN	Medical Record Number

5.0 Links to Clinical Modules

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