



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

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## **Pharmacy Based User Manual Drug Information & Consumer Education (DICE)**

<b>Version</b>	<b>: 7<sup>th</sup> Edition</b>
<b>Document ID</b>	<b>: PB_U. MANUAL_DICE</b>



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*Application reference: PhIS & CPS v1.7.1*



## Table of Contents

1.0	Introduction .....	1
1.1.	Overview of PhIS .....	1
1.2.	Purpose and Objectives .....	1
1.3.	Organised Sections.....	1
2.0	Application Standard Features .....	2
2.1	PhIS Legend.....	2
2.2	Latest Enhancement and Updates .....	4
3.0	Drug Information & Consumer Education (DICE) .....	5
	Overview .....	5
	User Group.....	5
	Functional Diagram.....	5
	Functional Description .....	6
3.1	New Drug Information record .....	7
3.1.1	Drug Information Listing Page .....	7
3.1.2	Record and Submit Enquiry received from Non-PhIS user .....	11
3.1.3	Record and Submit own Enquiry .....	19
3.2	Drug Information Response .....	21
3.2.1	Enter Response.....	21
3.2.2	Verify Respond.....	24
3.2.3	Send Respond.....	26
3.3	View Responded Enquiry .....	28
4.0	Acronyms.....	31
5.0	Links to Clinical Modules.....	31



## 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

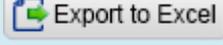
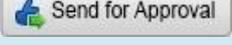
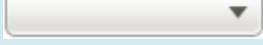
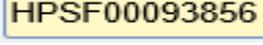
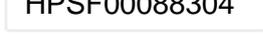
### 1.3. Organised Sections

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	<a href="#">7</a>
Change Drug Information printing format	<a href="#">30</a>

### 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

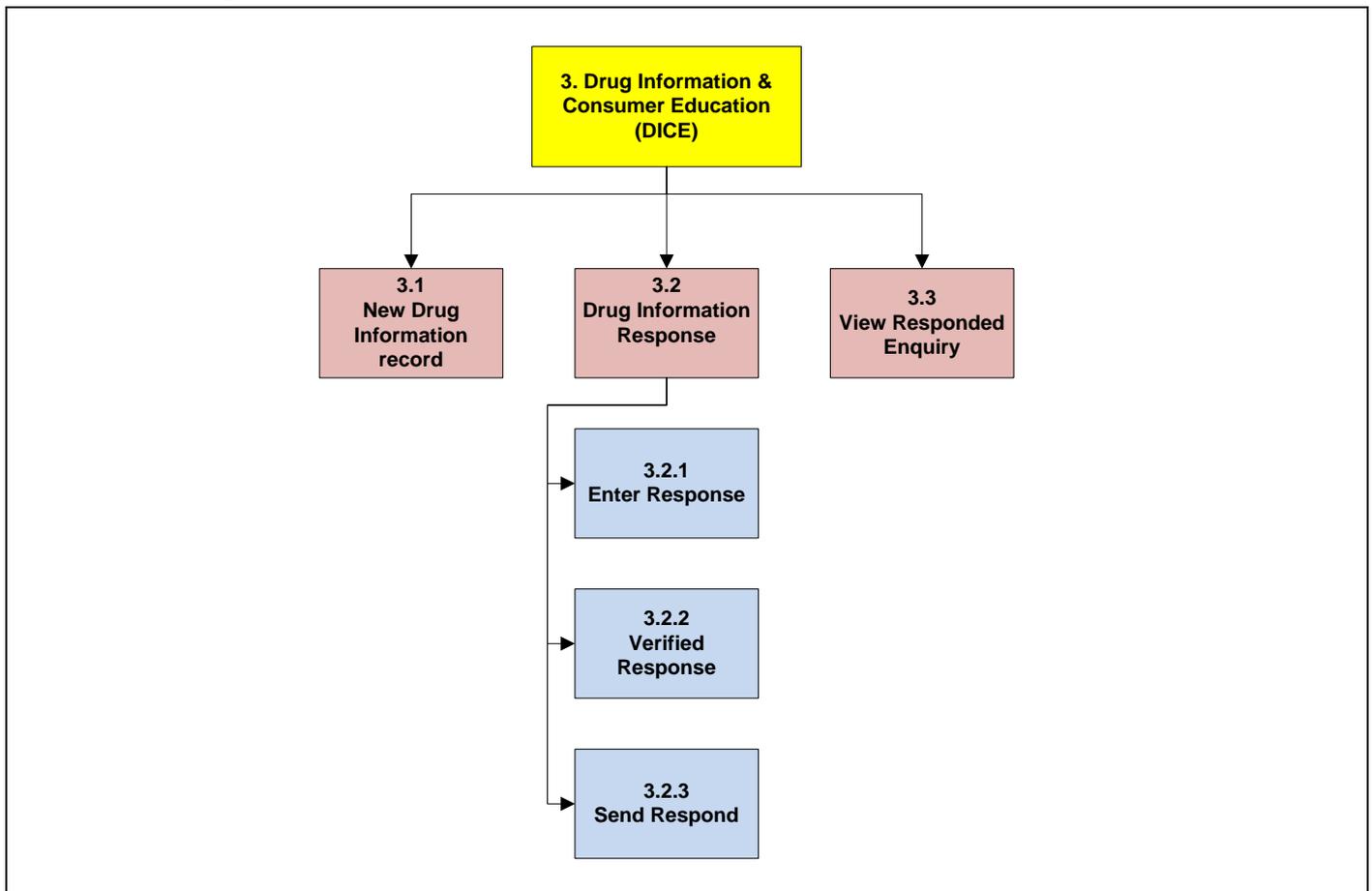


Figure 3.0



## 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).

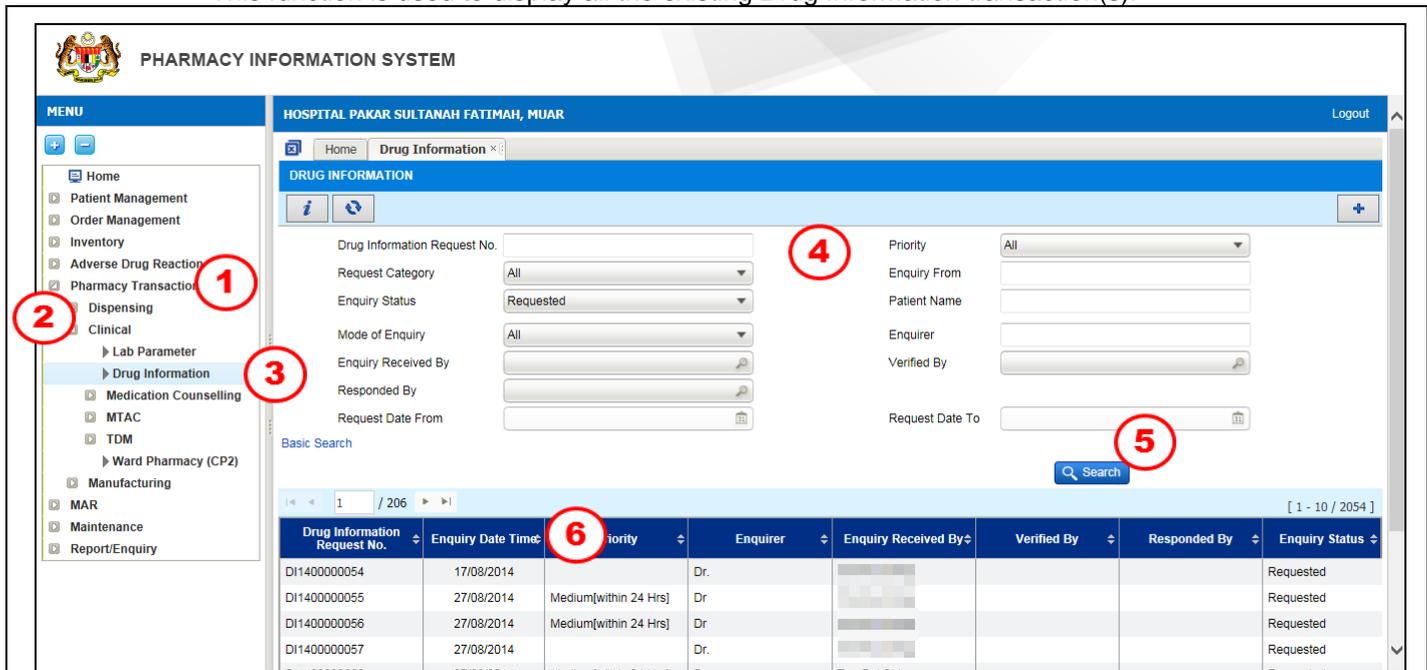


Figure 3.1.1-1 Drug Information Listing Page

#### 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:

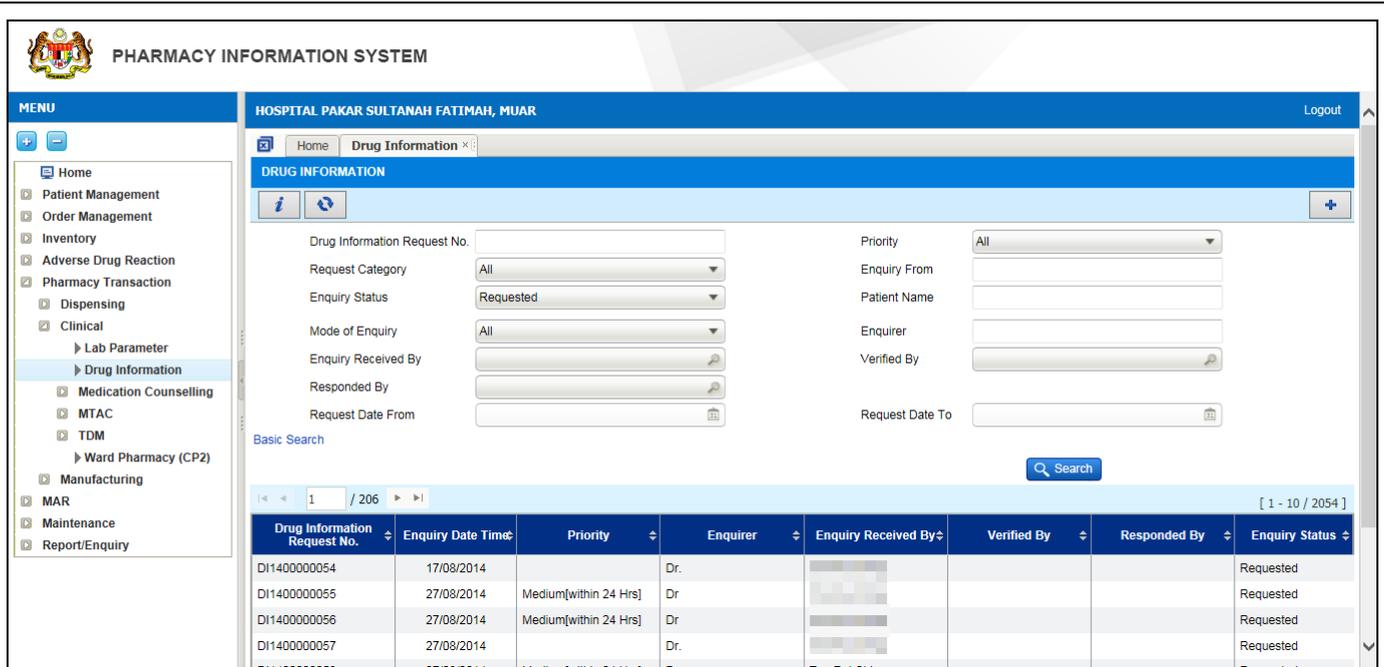
No	Field	Description	Remark
a	Drug Information Request No.	The number is generated when user saves a newly created Drug Information record	Enter partial or full criteria for Drug Information Request No.  Filter and search existing records based on the Drug Information Request No.
b	Priority	Select Priority from the drop down menu: - All	If the Priority is enter in a newly created Drug Information record, user will be able to search using

		<ul style="list-style-type: none"> <li>- Medium [within 24 Hours]</li> <li>- Routine</li> <li>- Urgent [within 2 Hours]</li> </ul>	Priority as the criteria
c	Request Category	Select Request Category from the drop down menu: <ul style="list-style-type: none"> <li>- All</li> <li>- Adverse Effect</li> <li>- Contraindication</li> <li>- Dose/Administration</li> <li>- Drug</li> <li>- General Product Information</li> <li>- Indication</li> <li>- Others</li> <li>- Parenteral Nutrition</li> <li>- Pharmaceutical Availability</li> <li>- Pharmaceutical Compatibility</li> <li>- Pharmaceutical Identification</li> <li>- Pharmacokinetic</li> <li>- Poisoning/Overdose</li> </ul>	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"> <li>• Select Status from the drop down menu if the logged in user is the Pharmacist:               <ul style="list-style-type: none"> <li>- All</li> <li>- Verified</li> <li>- Requested</li> <li>- Responded</li> </ul> </li> <li>• Select Status from the drop down menu if the logged in user is other than the Pharmacist:               <ul style="list-style-type: none"> <li>- All</li> <li>- Requested</li> <li>- Responded</li> </ul> </li> </ul>	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:



Drug Information Request No.	Enquiry Date Time	Priority	Enquirer	Enquiry Received By	Verified By	Responded By	Enquiry Status
DI1400000054	17/08/2014		Dr.				Requested
DI1400000055	27/08/2014	Medium[within 24 Hrs]	Dr.				Requested
DI1400000056	27/08/2014	Medium[within 24 Hrs]	Dr.				Requested
DI1400000057	27/08/2014		Dr.				Requested

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"> <li>- All</li> <li>- Drug Info for educational/counselling</li> <li>- E-mail</li> <li>- Fax</li> <li>- In person</li> <li>- Online</li> <li>- Telephone</li> <li>- Verbal/Walk in</li> </ul>	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.

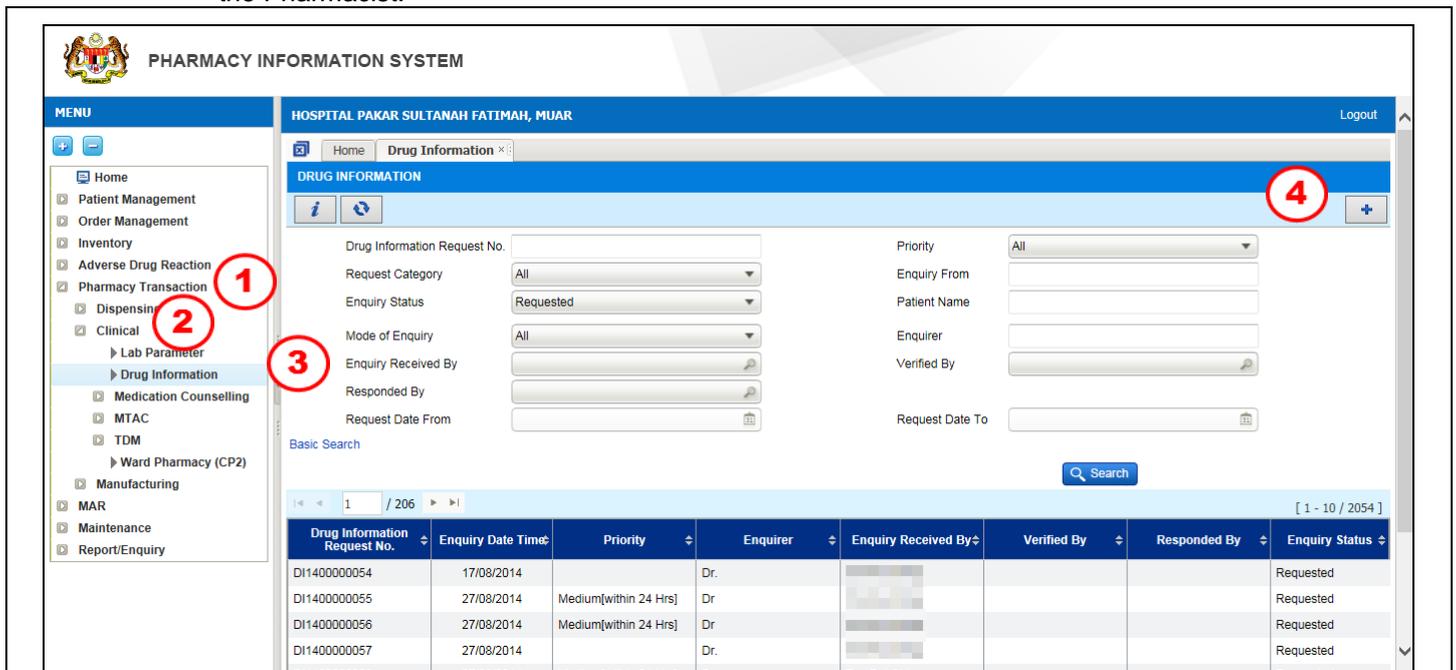


Figure 3.1.2-1 Create New Drug Information

#### 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

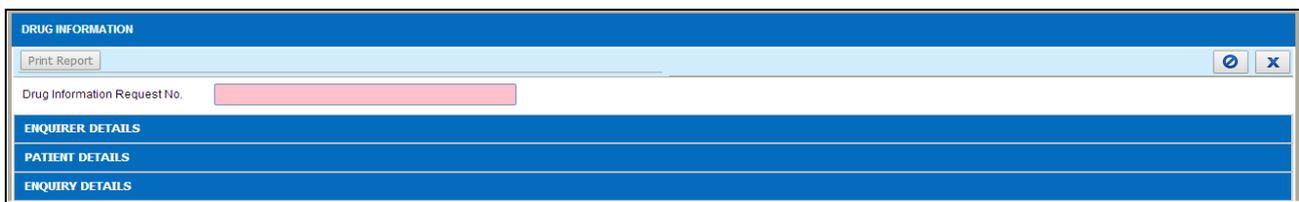
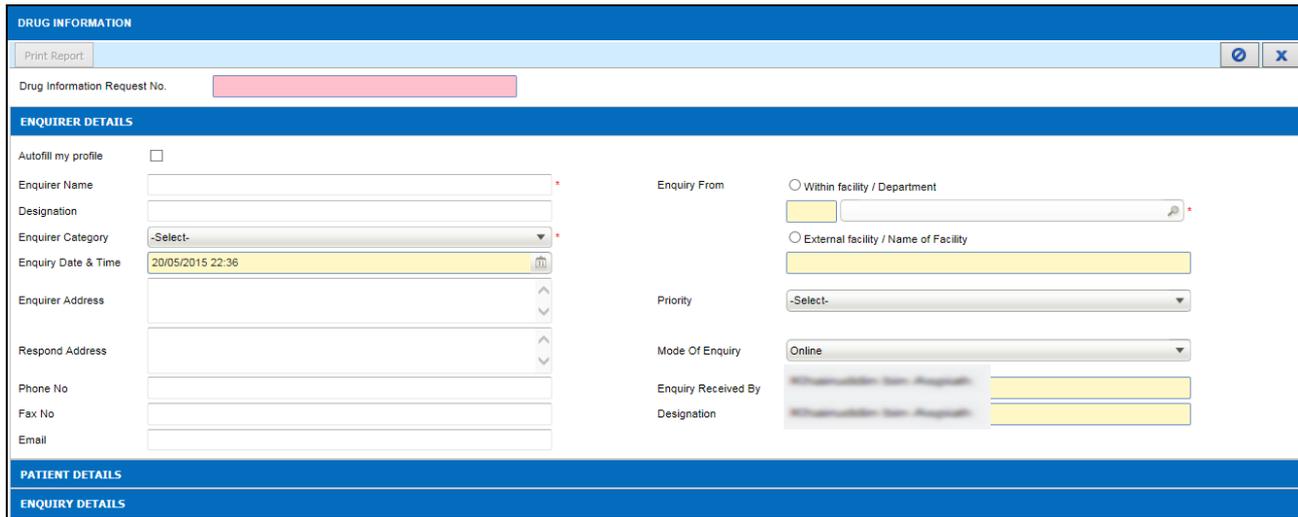


Figure 3.1.2-2 Drug Information

#### Note

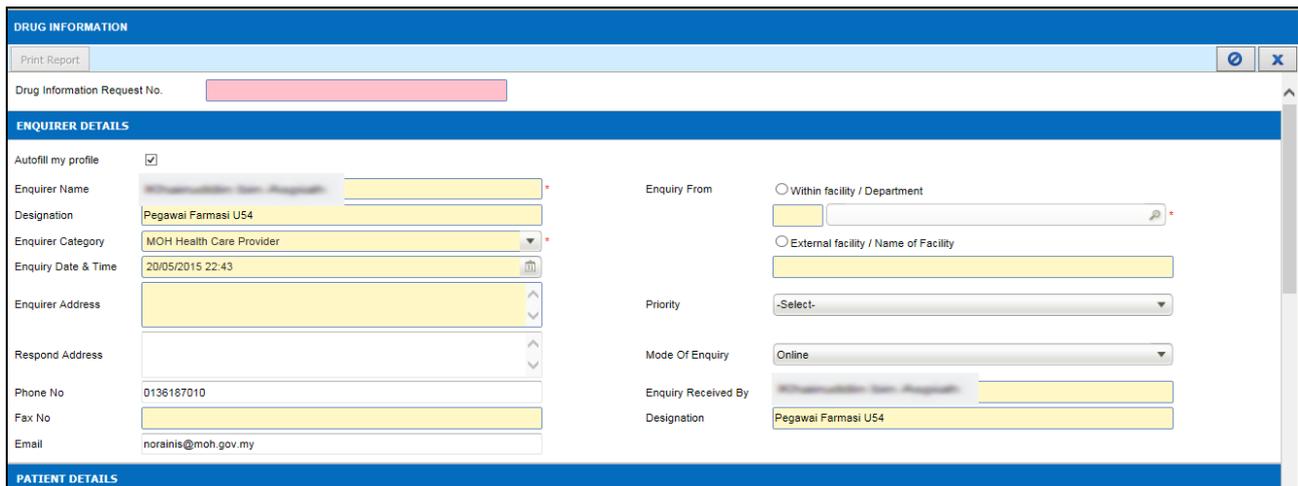
- There are three (3) sections that have to be filled in the Drug Information screen as show in Figure 3.1.2-2:
  - a) Enquirer Details
  - b) Patient Details
  - c) Enquiry Details

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.

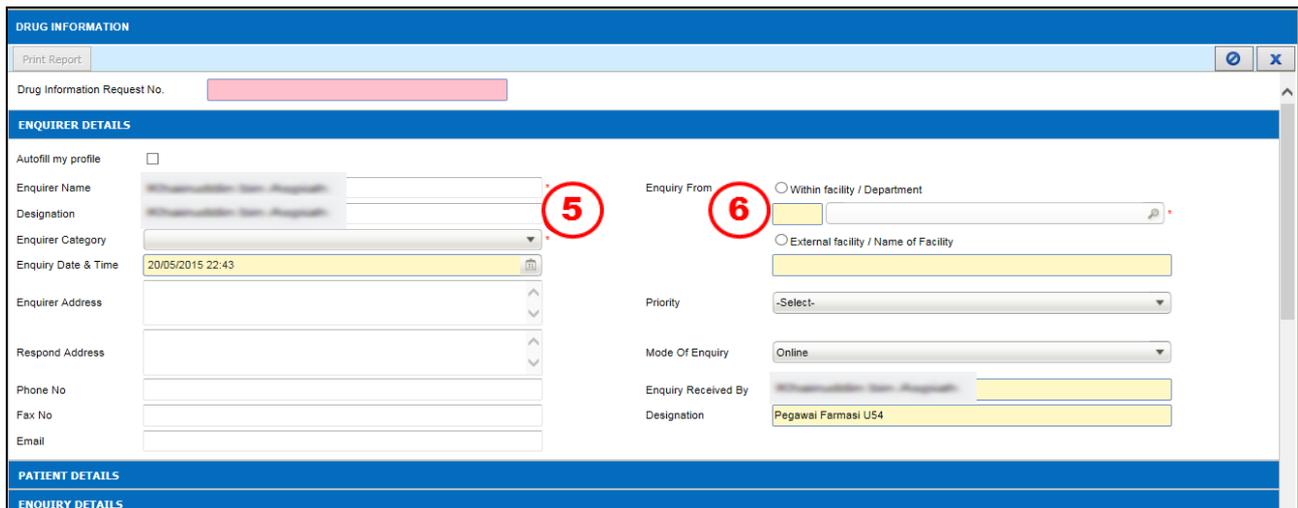


Figure 3.1.2-5 Enquirer Details section

**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

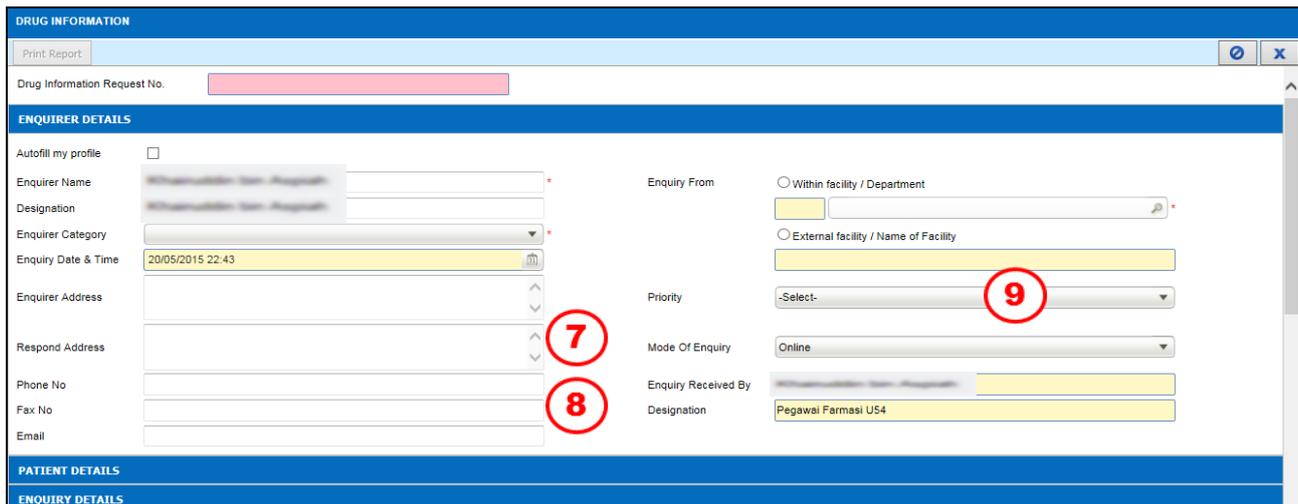


Figure 3.1.2-6 Enquirer Details

#### 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

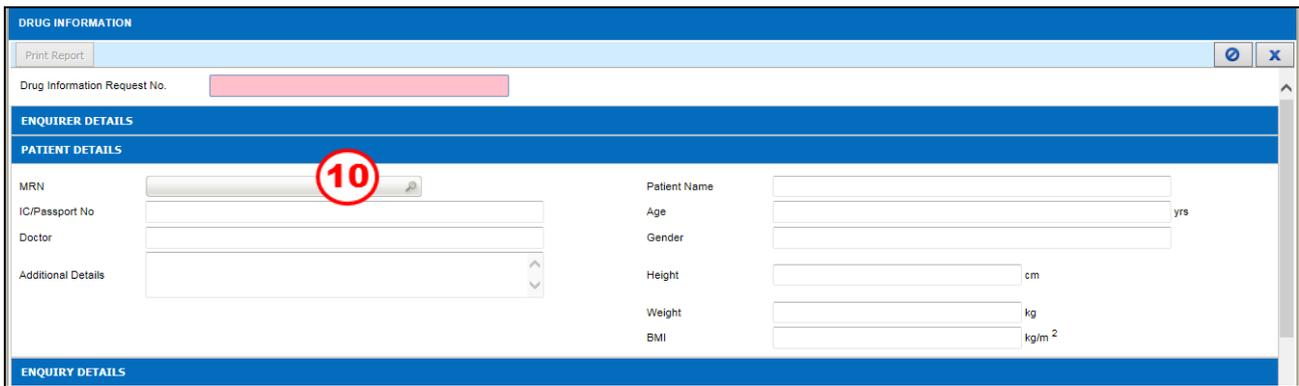
Select **Priority** from the dropdown box

- 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**

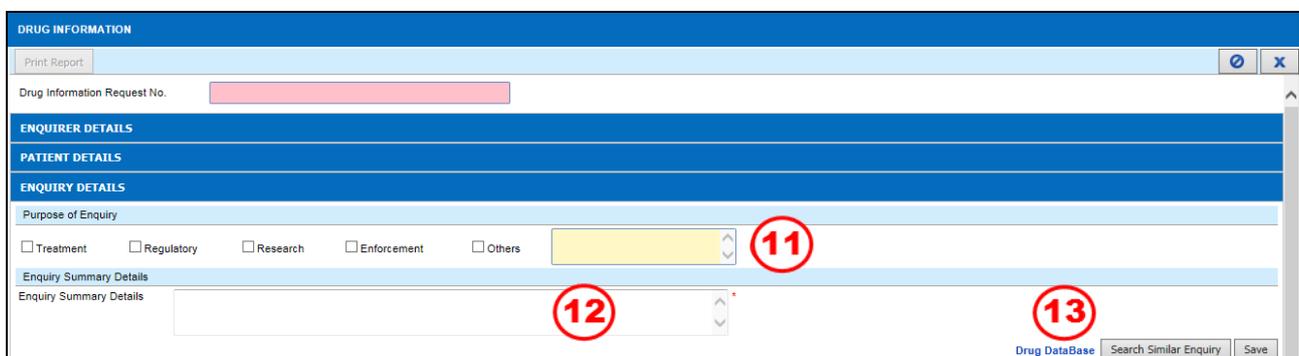
- This section is optional to be filled if the enquiry comes from the patient registered at the facility.
- All fields under the Patient Details section are optional to be selected and entered

**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.

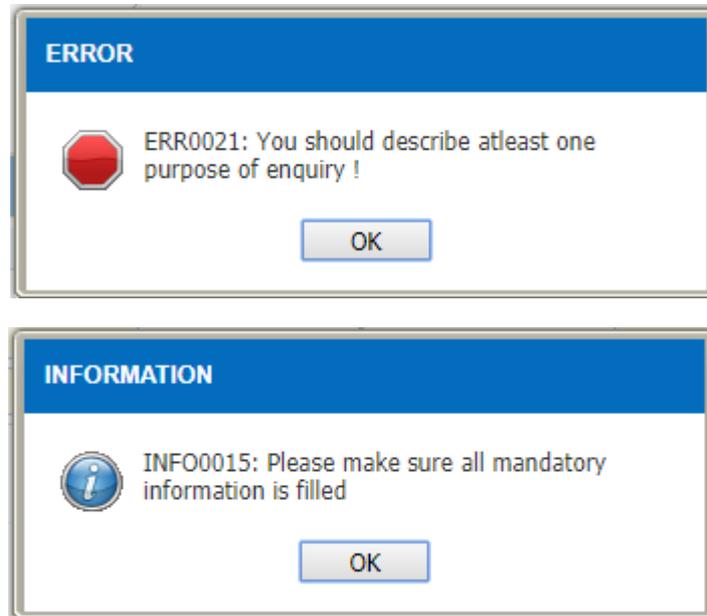


Figure 3.1.2-9 Select Purpose of Enquiry

**STEP 12**

Enter the **Enquiry Summary Details**

**Note**

Enquirer will enter the summary of the enquiry information.

**OPTIONAL FIELDS – Enquiry Details Section**

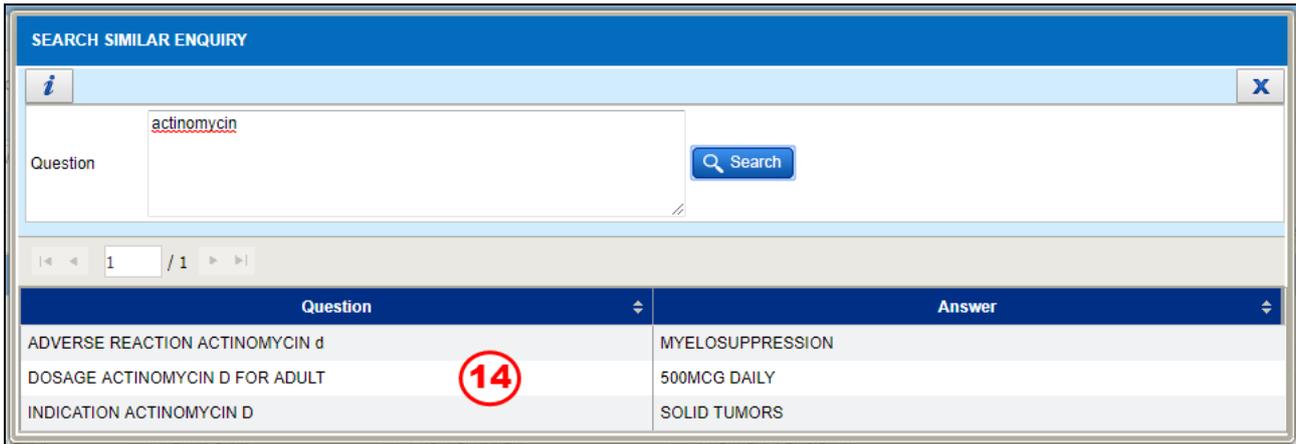
Select and enter the below optional fields:

**STEP 13**

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

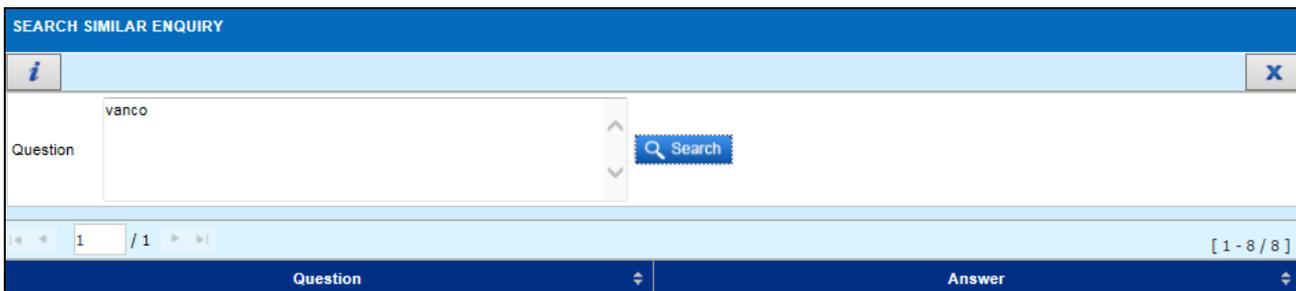
b) Click on the  button to search for similar enquiry asked.

- 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

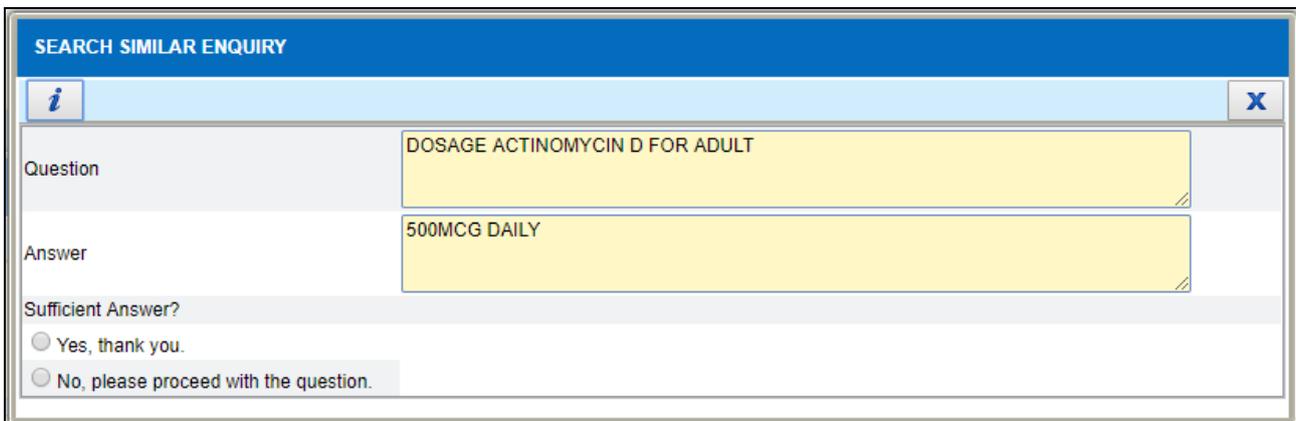


Question	Answer
[ 1 - 8 / 8 ]	

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.

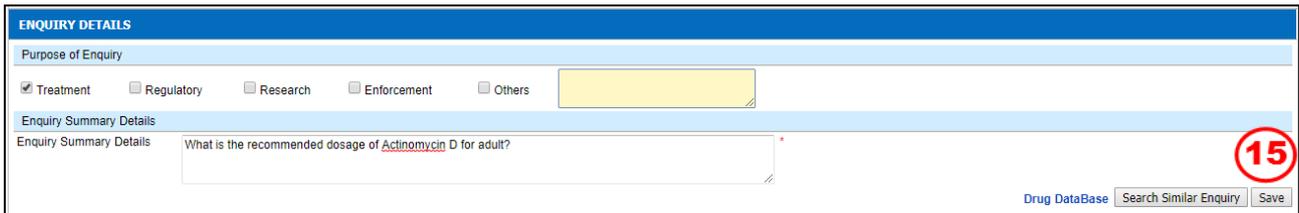


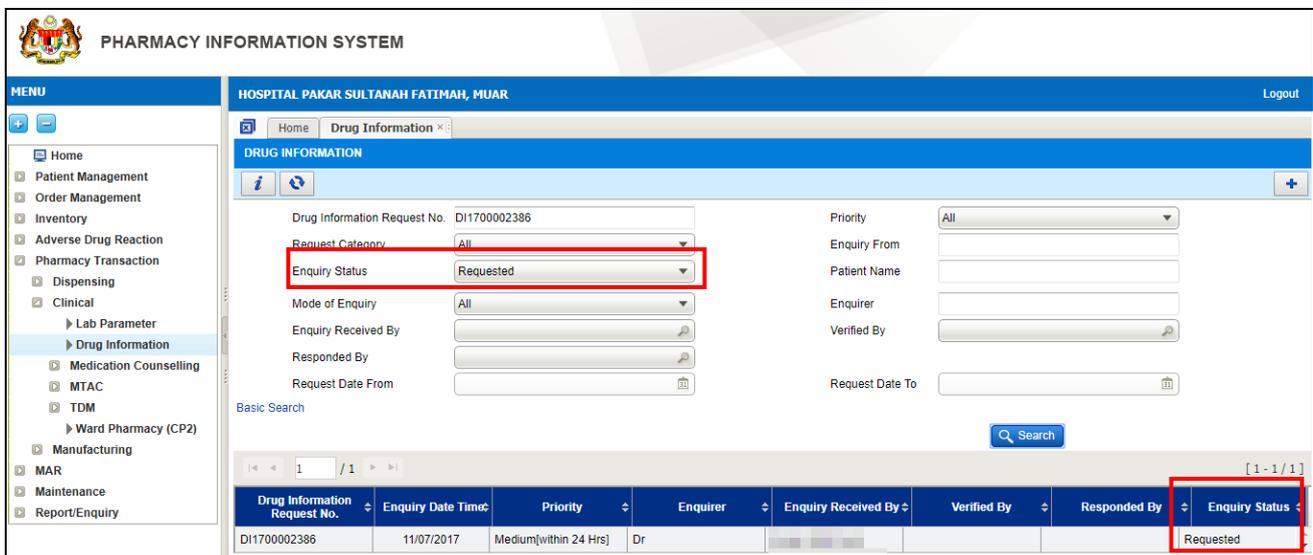
Figure 3.1.2-13 Enquiry Details section

### 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				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.

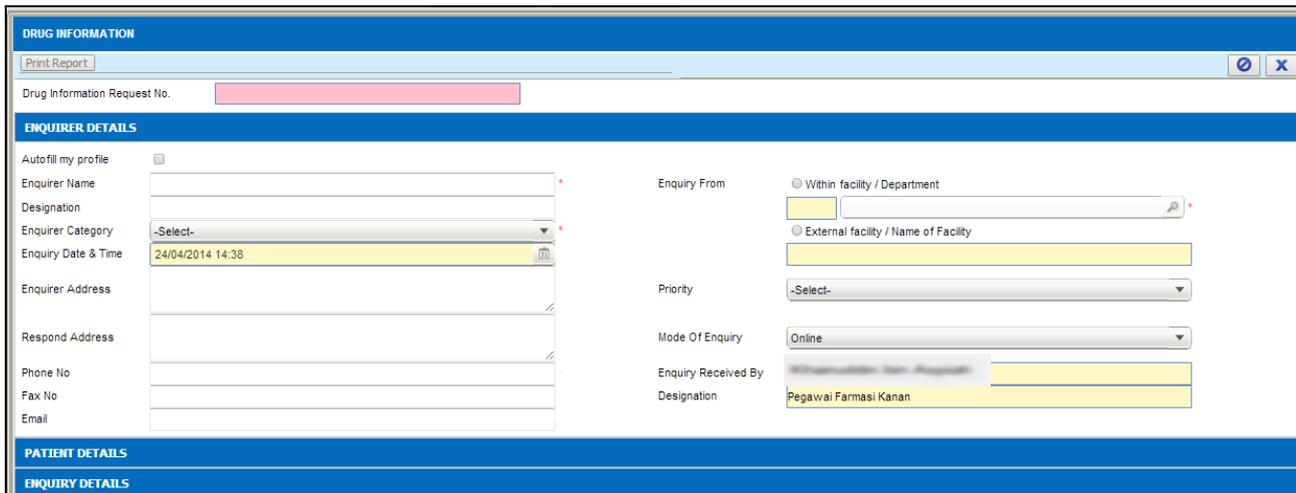


Figure 3.1.3-1 Enquirer Details section

#### 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.
  - a) Enquirer Name
  - b) Designation
  - c) Enquirer Category
  - d) Enquirer Address
  - e) Phone No.
  - f) Email

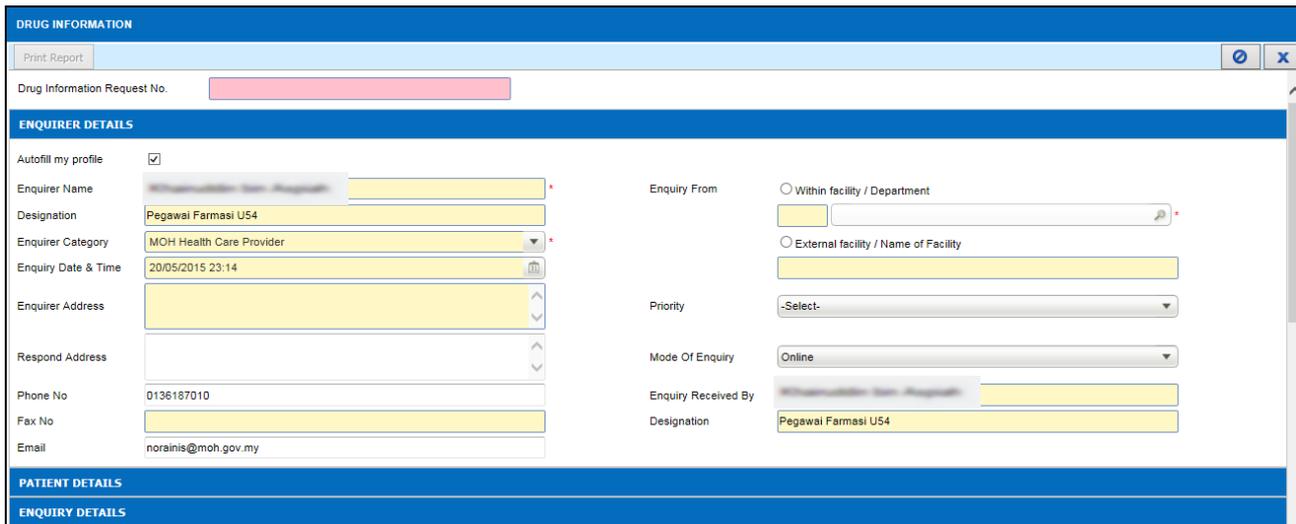


Figure 3.1.3-2 Enquirer Details

**OPTIONAL FIELDS – Enquirer Details Section**

Select and enter the below optional fields:

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

**Note**

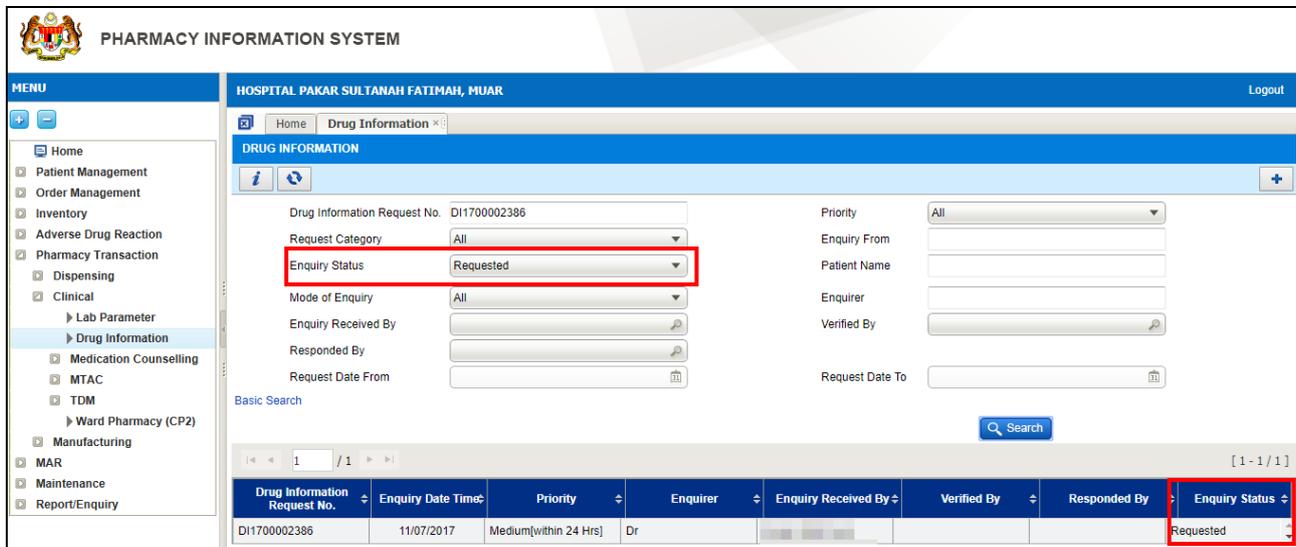
Follow the same step for the **b) Patient Details section** and **c) Enquiry Details section** in 3.1.2. Record and Submit Enquiry received from Non-PhIS user.

### 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 for a request with ID 'DI1700002386'. The 'Enquiry Status' dropdown menu is highlighted with a red box and set to 'Requested'. Below the form is a table with one row of data, also with the 'Enquiry Status' column highlighted in red.

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				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.

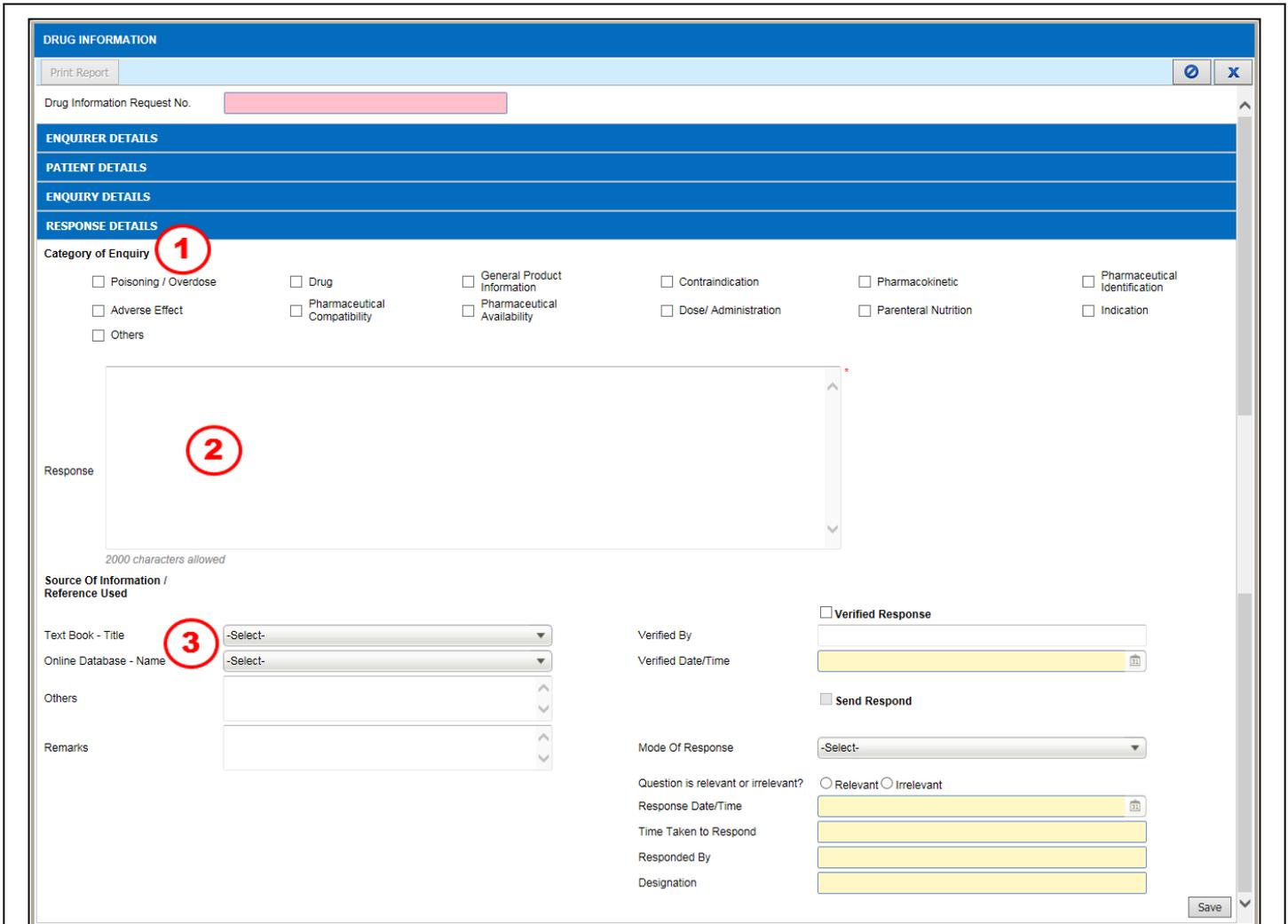


Figure 3.2.1-2 Response Details

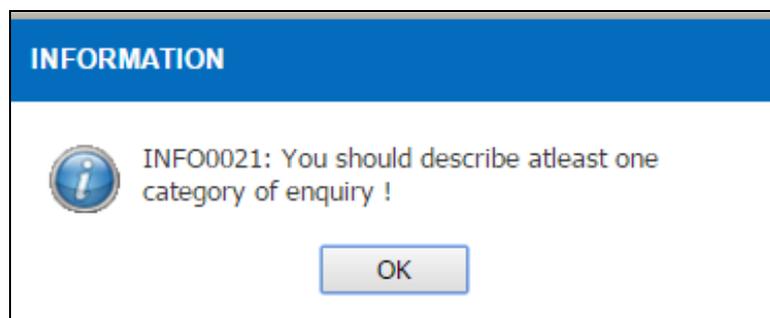


Figure 3.2.1-3 Select at least one Category of Enquiry

### 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

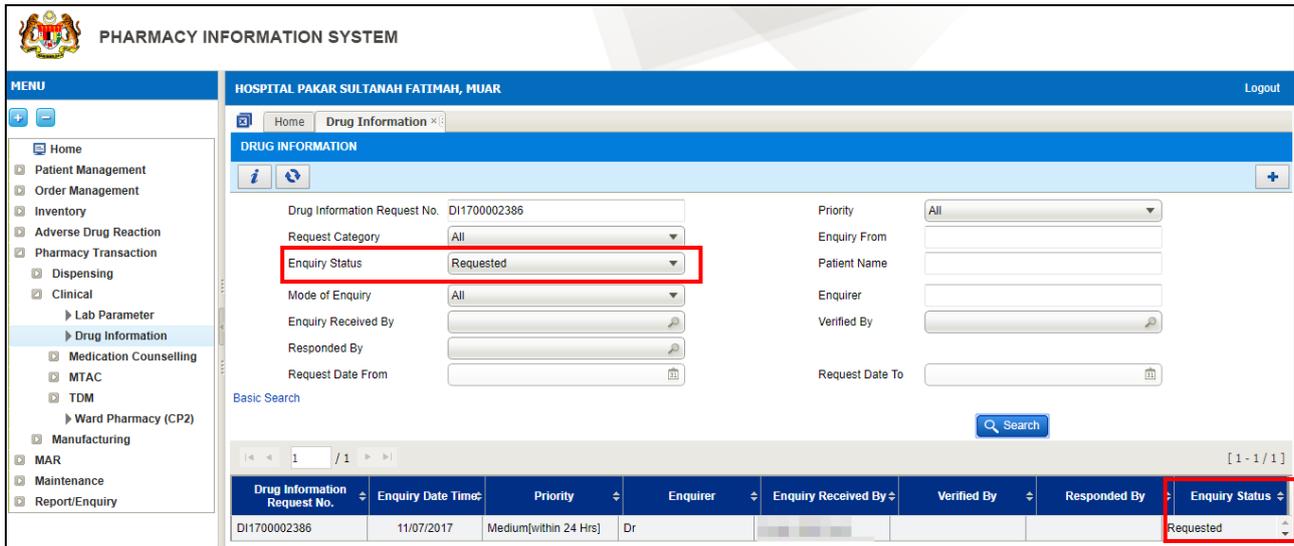
Click on the  button to save the response entered

#### **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.



PHARMACY INFORMATION SYSTEM

HOSPITAL PAKAR SULTANAH FATIMAH, MUAR

Home Drug Information

DRUG INFORMATION

Drug Information Request No. DI1700002386

Request Category: All

Enquiry Status: Requested

Mode of Enquiry: All

Enquiry Received By: [User]

Responded By: [User]

Request Date From: [Date]

Priority: All

Enquiry From: [Text]

Patient Name: [Text]

Enquirer: [Text]

Verified By: [User]

Request Date To: [Date]

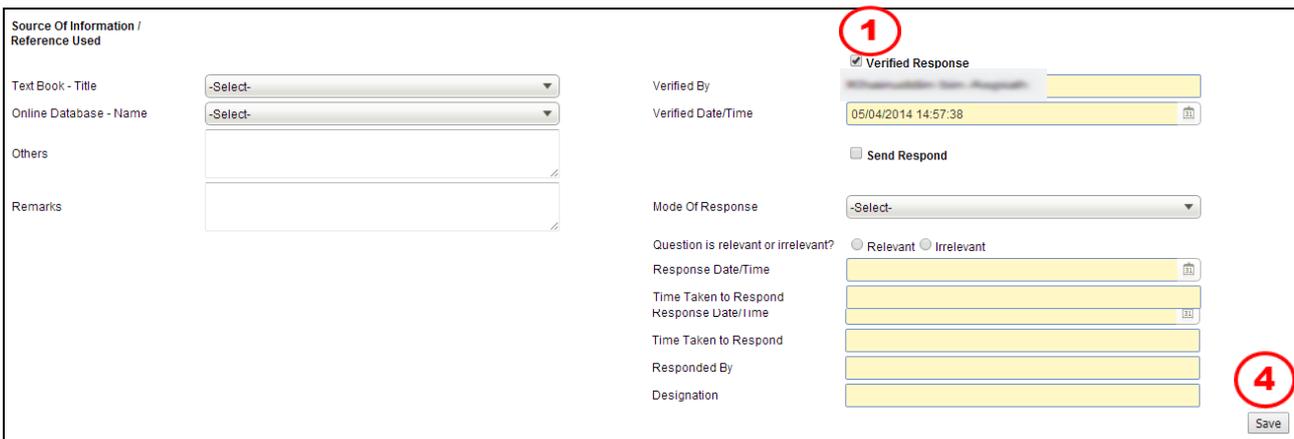
Basic Search [Search]

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	[User]	[User]	[User]	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.



Source Of Information / Reference Used

Text Book - Title: -Select-

Online Database - Name: -Select-

Others: [Text]

Remarks: [Text]

Verified By: [User]

Verified Date/Time: 05/04/2014 14:57:38

Mode Of Response: -Select-

Question is relevant or irrelevant?  Relevant  Irrelevant

Response Date/Time: [Text]

Time Taken to Respond: [Text]

Response Date/Time: [Text]

Time Taken to Respond: [Text]

Responded By: [User]

Designation: [Text]

Verified Response

Send Respond

Save

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

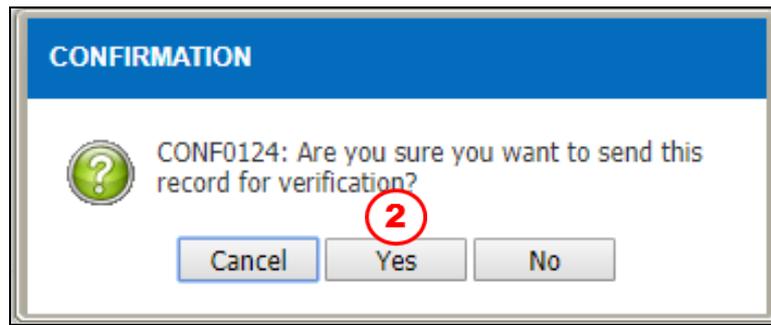
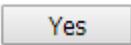


Figure 3.2.2-3 Confirmation Alert Message

**STEP 2**

Click on the  button to confirm the verification

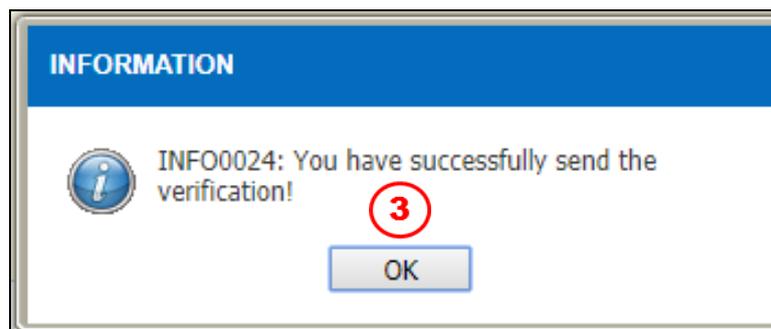
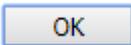


Figure 3.2.2-4 Information Alert Message

**STEP 3**

Click on the  button

**Note**

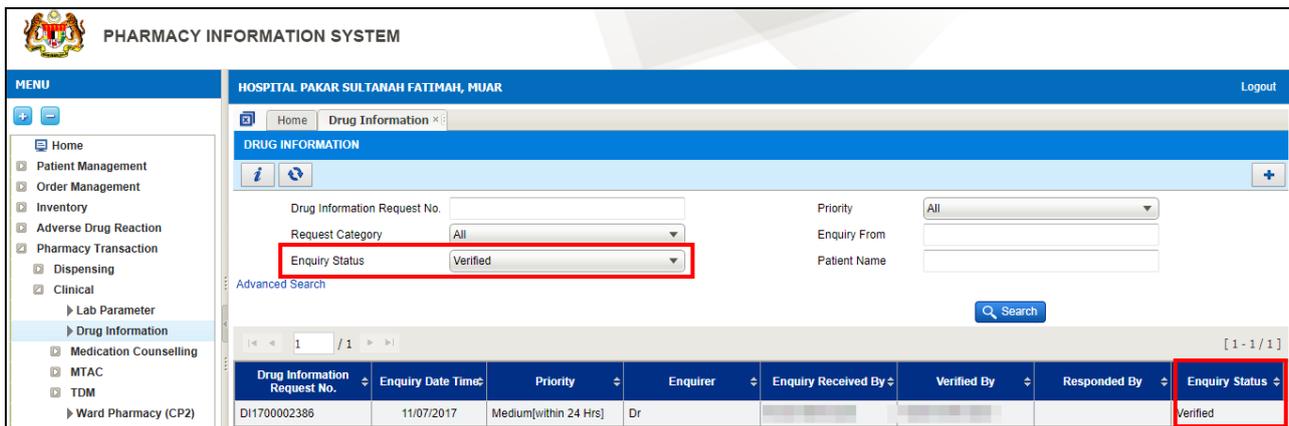
- System will record the **Verified By** based on from the user's Login ID.
- **Verified Date/Time** defaults to the system Date/Time.

**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.



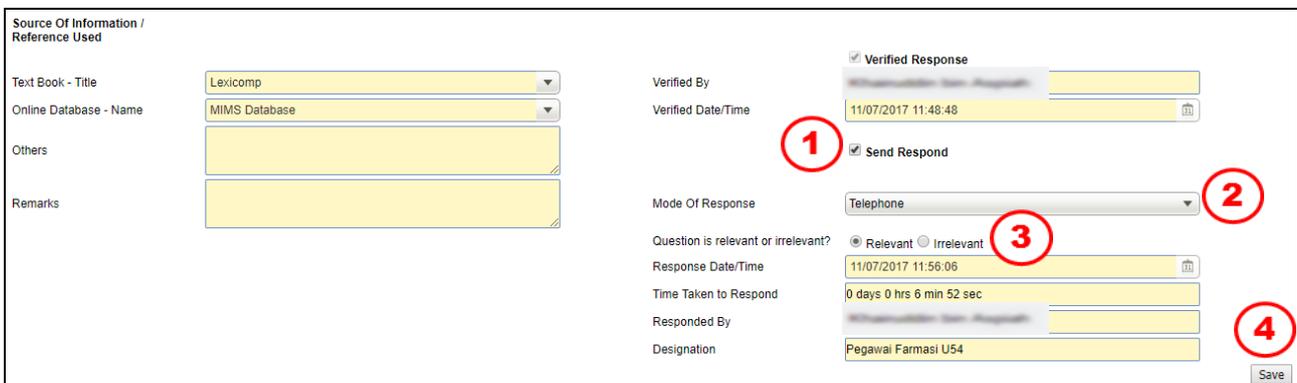
The screenshot shows the 'DRUG INFORMATION' section of the PHARMACY INFORMATION SYSTEM. The 'Enquiry Status' dropdown menu is highlighted with a red box and set to 'Verified'. Below the search filters, a table lists drug information records. The first record is highlighted with a red box, showing 'Enquiry Status' as 'Verified'.

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

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 screenshot shows the 'Send Respond' form. It includes fields for 'Text Book - Title' (Lexicomp), 'Online Database - Name' (MIMS Database), 'Verified By', 'Verified Date/Time' (11/07/2017 11:48:48), 'Mode Of Response' (Telephone), 'Question is relevant or irrelevant?' (Relevant), 'Response Date/Time' (11/07/2017 11:56:06), 'Time Taken to Respond' (0 days 0 hrs 6 min 52 sec), 'Responded By', and 'Designation' (Pegawai Farmasi U54). A 'Save' button is at the bottom right. Red circles with numbers 1 through 4 highlight the 'Send Respond' checkbox, the 'Mode Of Response' dropdown, the 'Relevant' radio button, and the 'Designation' field respectively.

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  button to save the record.

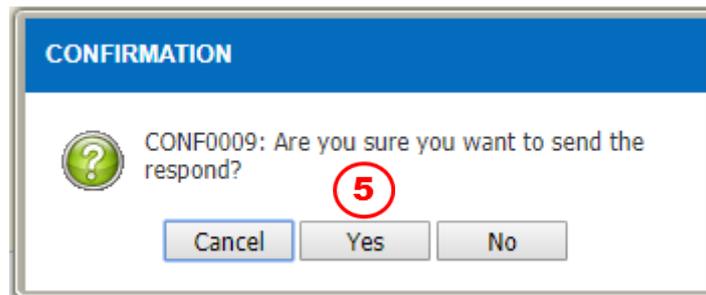
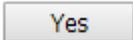


Figure 3.2.3-3 Confirmation Alert Message

**STEP 5**

Click on the  button to send the respond

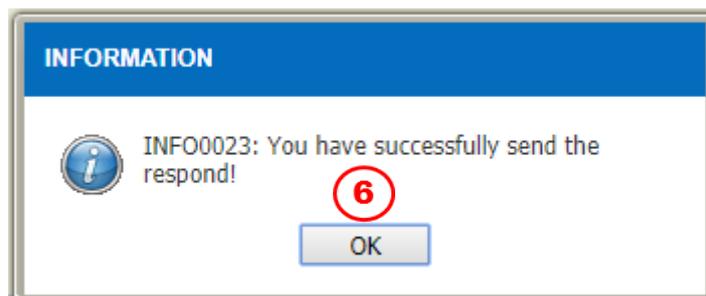
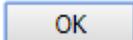


Figure 3.2.3-4 Confirmation Alert Message

**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		<input checked="" type="checkbox"/> Send Respond	
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
<a href="#">Send As Email</a>			

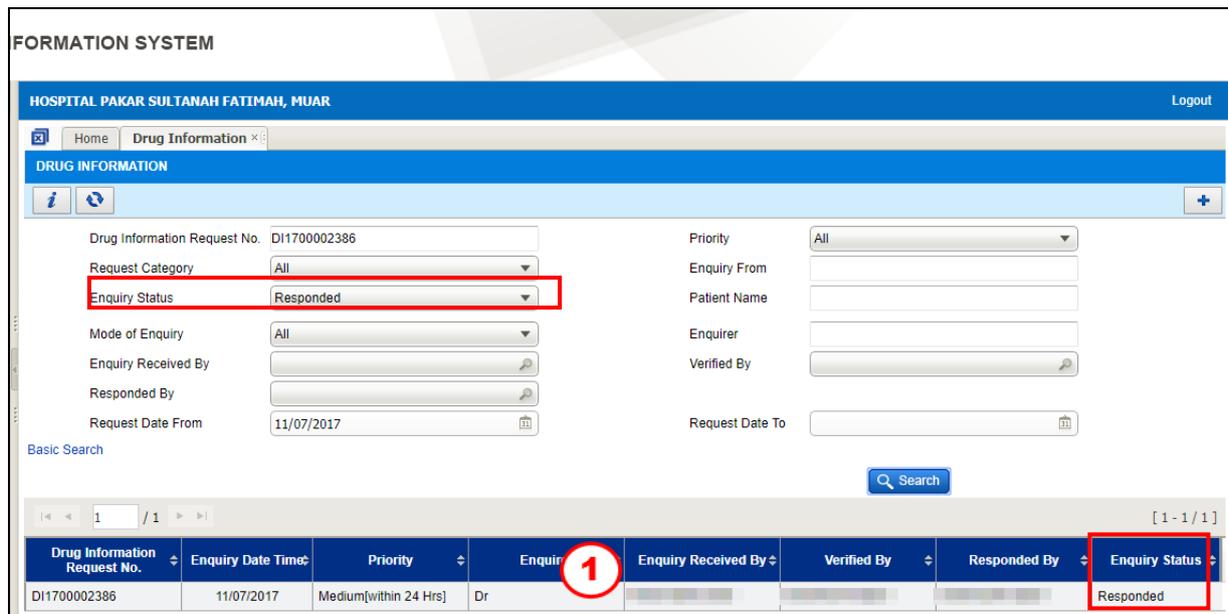
Figure 3.2.3-5 Send as Email

**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.



FORMATION SYSTEM

HOSPITAL PAKAR SULTANAH FATIMAH, MUAR Logout

Home Drug Information

DRUG INFORMATION

Drug Information Request No. DI1700002386 Priority All

Request Category All Enquiry From

**Enquiry Status Responded** Patient Name

Mode of Enquiry All Enquirer

Enquiry Received By Verified By

Responded By

Request Date From 11/07/2017 Request Date To

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				<b>Responded</b>

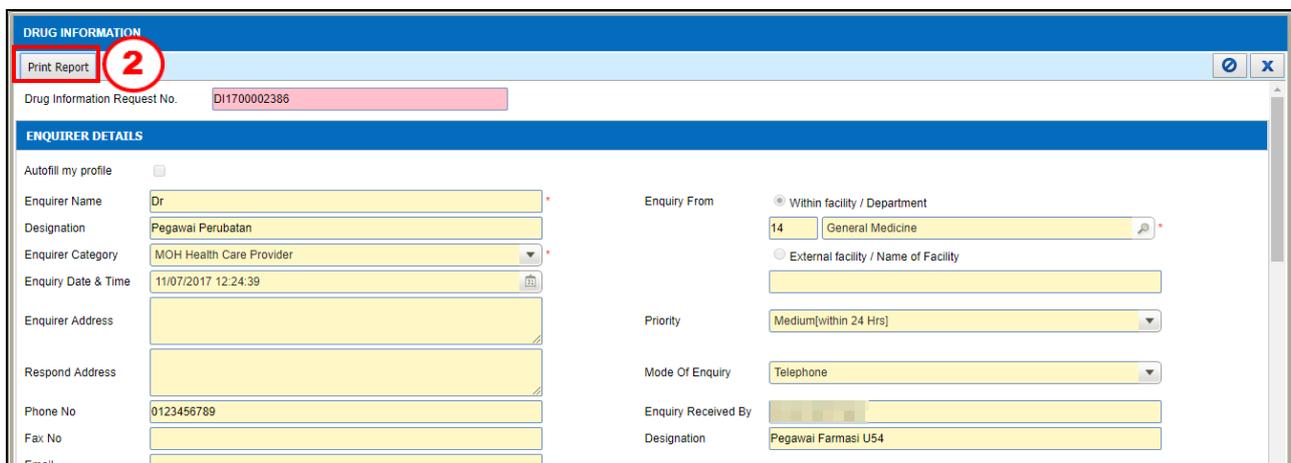
Figure 3.3-1 Enquiry Status = Responded

#### 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

Respond Address

Phone No 0123456789

Fax No

Email

Enquiry From Within facility / Department 14 General Medicine

External facility / Name of Facility

Priority Medium[within 24 Hrs]

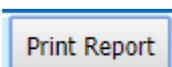
Mode Of Enquiry Telephone

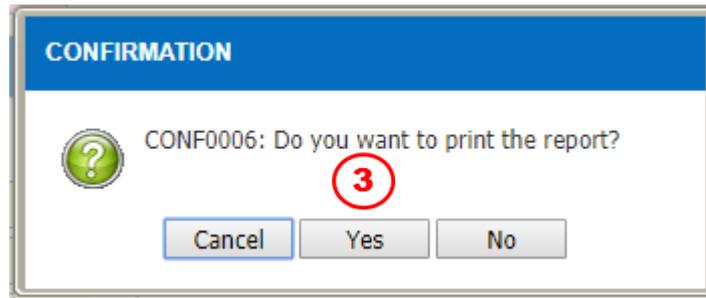
Enquiry Received By

Designation Pegawai Farmasi U54

Figure 3.3-2 Print Report

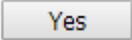
#### STEP 2

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  
 069521901

A. ENQUIRER DETAILS											
Date of Reply/Response				Enquirer Name / Designation / Contact Details							
				Dr./638							
Enquirer Category MOH Health Care Provider											
Enquiry From											
1) Within Facility Department				: Inpatient							
2) External facility / Name of				:							
B. CATEGORY OF ENQUIRY											
<input type="checkbox"/>	Poisoning / Overdose	<input type="checkbox"/>	General Product Information	<input type="checkbox"/>	Contraindication	<input type="checkbox"/>	Pharmacokinetic	<input type="checkbox"/>	Adverse Effect		
<input type="checkbox"/>	Drug	<input type="checkbox"/>	Indication	<input type="checkbox"/>	Pharmaceutical Identification	<input type="checkbox"/>	Pharmaceutical Compatibility	<input checked="" type="checkbox"/>	Dose/ Administration		
<input type="checkbox"/>	Pharmaceutical Availability	<input type="checkbox"/>	Parenteral Nutrition	<input type="checkbox"/>	Others						
C. MODE OF RESPONSE											
<input type="checkbox"/>	Drug Info	<input type="checkbox"/>	Email	<input type="checkbox"/>	Fax	<input type="checkbox"/>	In Person	<input type="checkbox"/>	Online	<input type="checkbox"/>	Telephone
D. SOURCE OF INFORMATION / REFERENCE USED											
<input type="checkbox"/>	BNF	<input type="checkbox"/>	Harrison	<input type="checkbox"/>	Lexicomp	<input type="checkbox"/>	MIMS				
<input type="checkbox"/>	Martindale	<input checked="" type="checkbox"/>	Lexicomp Database	<input type="checkbox"/>	MIMS Database	<input type="checkbox"/>	Martindale Database				
E. ENQUIRY SUMMARY (QUESTION) & ENQUIRY RESPONSE (ANSWER)											
Question :Renal dose of omeprazole											
Answer :Omeprazole generally not recommended for ranl impairment patients.											
Received By : Tan Rui Ching				Designation :							
Verified By : Noraini bt Saari				Verified Date/ Time : 04/11/2014 11:22:03 AM							
Response By :				Response Date/ Time :							

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>	<a href="#">Click Here</a>	12	<i>CDR Dispensing</i>	<a href="#">Click Here</a>
2	<i>CDR Order</i>	<a href="#">Click Here</a>	13	<i>Methadone Dispensing</i>	<a href="#">Click Here</a>
3	<i>TDM Order</i>	<a href="#">Click Here</a>	14	<i>PN Dispensing</i>	<a href="#">Click Here</a>
4	<i>PN Order</i>	<a href="#">Click Here</a>	15	<i>Order Management</i>	<a href="#">Click Here</a>
5	<i>IV Order</i>	<a href="#">Click Here</a>	16	<i>Patient Management</i>	<a href="#">Click Here</a>
6	<i>Prepacking</i>	<a href="#">Click Here</a>	17	<i>Radiopharmaceutical</i>	<a href="#">Click Here</a>
7	<i>Galenical</i>	<a href="#">Click Here</a>	18	<i>Outpatient</i>	<a href="#">Click Here</a>
8	<i>MTAC</i>	<a href="#">Click Here</a>	19	<i>Special Drug Request</i>	<a href="#">Click Here</a>
9	<i>ADR &amp; DAC</i>	<a href="#">Click Here</a>	20	<i>MAR</i>	<a href="#">Click Here</a>
10	<i>Medication Counselling</i>	<a href="#">Click Here</a>	21	<i>DICE</i>	<a href="#">Click Here</a>
11	<i>Ward Pharmacy</i>	<a href="#">Click Here</a>	22		