



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

Full Based User Manual Adverse Drug Reaction (ADR) & Drug Allergy Card (DAC)

Version	: 10th EDITION
Document ID	: FB_U. MANUAL_ADR_DAC



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Application reference: PhIS & CPS v2.1 & v2.2

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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. PhIS implementation would transform most of current manual process to electronic system to benefit facility end user in the health care sector.

There are 12 modules to assist services 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 Adverse Drug Reaction (ADR) and Drug Allergy Card (DAC) sub-module and its key features and functionalities. The primary objective is to guide user through the process of completing PhIS application process.

User will understand the following activities in details:

- ADR Reporting
- NPRA Feedback
- Adverse Event Following Immunisation
- Print Allergy Card


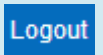












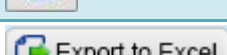
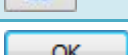

















1.3 Organised Sections

These are the sections within this document:

- Section 1 : Introduction
- Section 2 : Application Standard Features
- Section 3 : Adverse Drug Reaction (ADR) & Drug Allergy Card (DAC)
- 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
	Close All Open Tabs		Refresh Screen
	Expand Menu		Collapse Menu
	Expand Module		Collapse Module
	Add/Create New Record		Save
	Close Window		Calendar Icon
	Save Transaction		Delete Record
	Export Report From PDF file to Excel file		OK Button
	Yes Button		No Button
	Radio Button		Checkbox
	System Automatic Generate Record No.		Automatically Display/Retrieve Box
	Reset Login Screen		Cancel
	Display Home Tab		Search Icon
	Show Help		Edit Record
	Search Record		Cancel Button
	Dropdown Box		Empty Text Box
	Mandatory Field		

ADR & DAC Module Legend			
Print In Malay	Print DAC card in Malay	Causality Grading	Causality Grading Guide
Print In English	Print DAC card in English	WHO Terminology Guide	WHO Terminology Guide Hyperlink

Note

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

3.0 Adverse Drug Reaction & Drug Allergy Card

Overview

The Adverse Drug Reaction module converse the implementation of a safe, organised, and efficient adverse drug reaction reporting, adverse reaction after immunisation reporting and allergy card printing

User Group

This module is intended for pharmacist and prescriber.(subject to the user assigned by the facility)

Functional Diagram

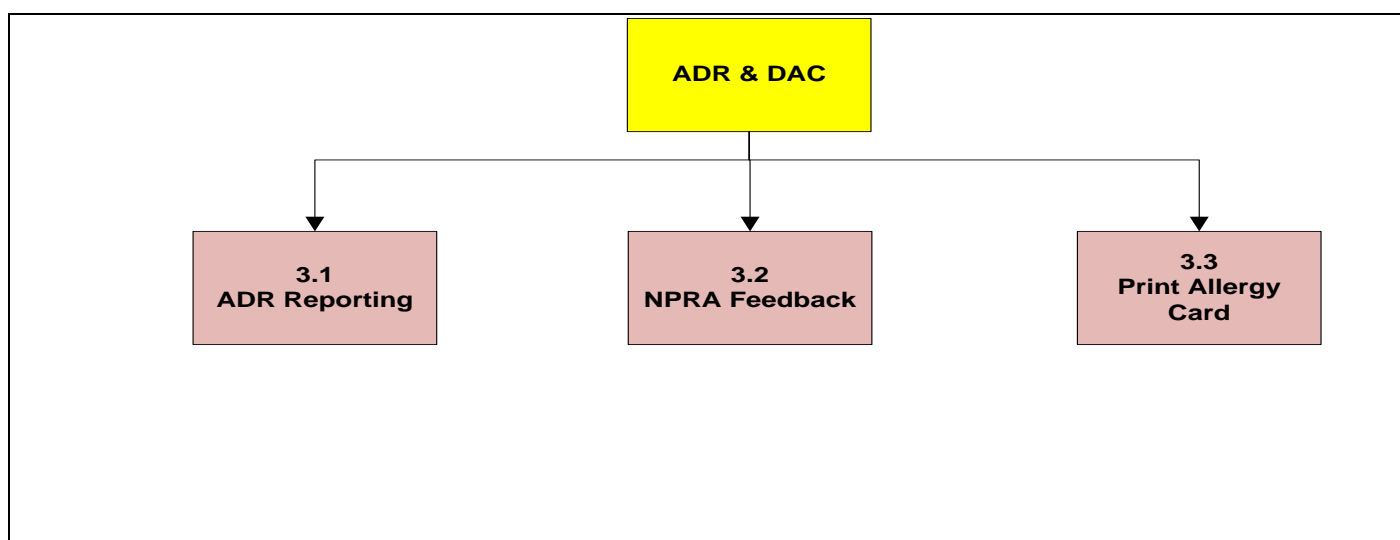


Figure 3.0

Functional Description

ADR & DAC comprises of four (4) main functions:

- **ADR Reporting**
This process is used by prescriber and pharmacist to record any adverse drug reaction of the patient. The format is similar to the Adverse Drug Reaction Form by National Pharmaceutical Control Bureau (NPCB).
- **NPCB Feedback**
This process is used by pharmacist to record any feedback on the ADR Reporting sent to National Pharmaceutical Control Bureau (NPCB) into the system.
- **Print Allergy Card**
This process is used by pharmacist to print an allergy card for the patient. The allergy record is created based on allergy reported by prescriber.

3.1 ADR Reporting

This function is used to record any drug reaction of the patient before sending to NPRA.

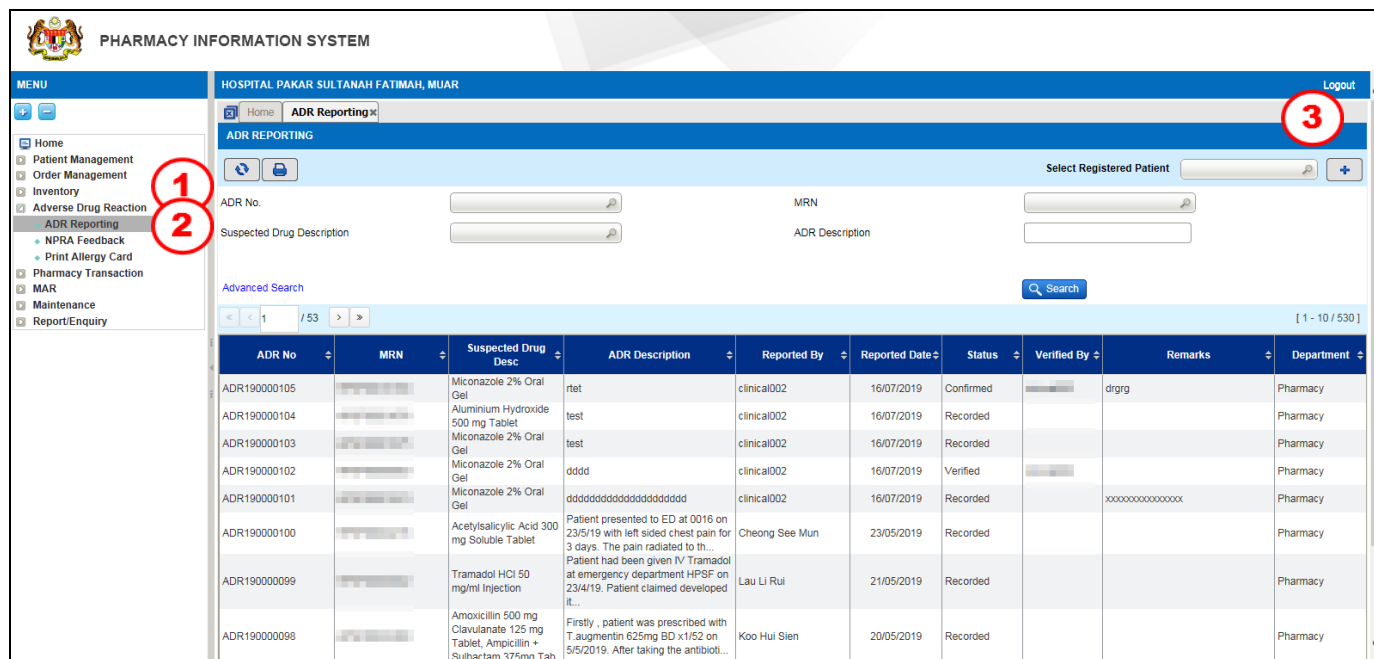


Figure 3.1-1 ADR Reporting Listing Page

Note

PhIS Screen menu/sub menu will be displayed according to user access right.


STEP 1

Click on 'Adverse Drug Reaction' menu

STEP 2

Click on 'ADR Reporting' sub-menu

STEP 3

Click on the  button to search for patient record

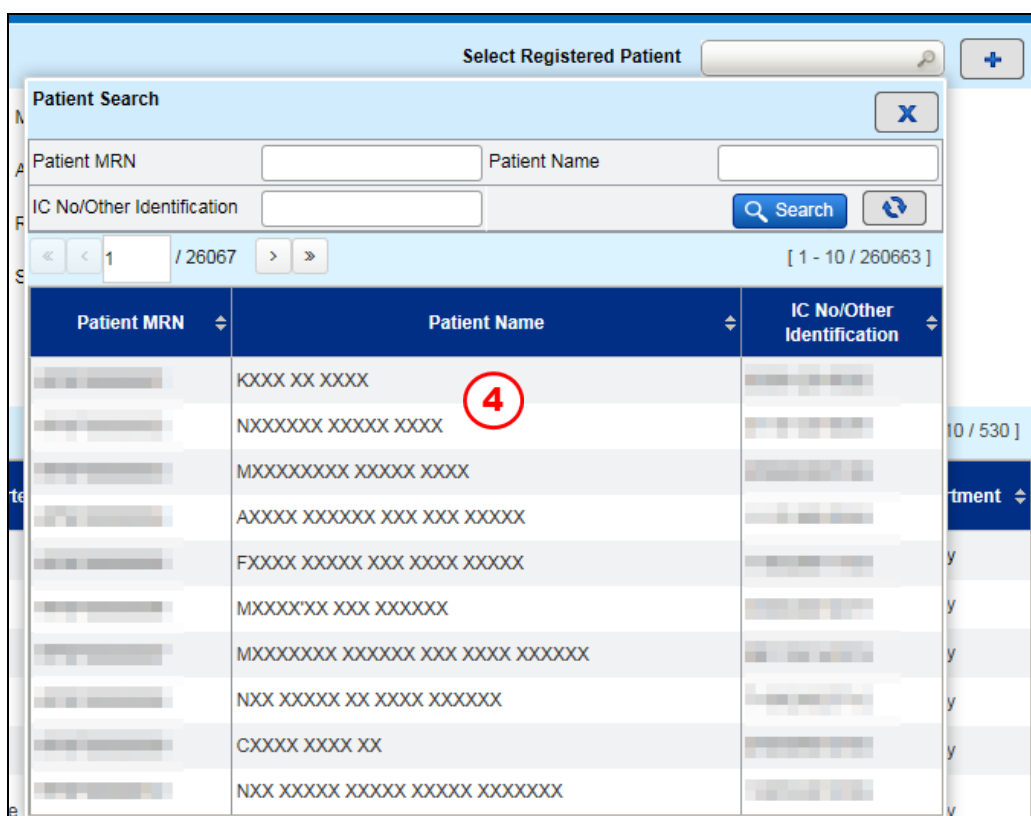
Note

Search for ADR Reporting record by below criteria :-

Basic Search			
No	Field	Description	Remark
a	ADR No	—	Allow to search record by full or partial ADR No
b	MRN	Patient MRN	Allow to search by patient full or partial MRN No
c	Suspected Drug Description	Drug Name	Allow to search by full or partial drug name
d	ADR Description	—	Allow to search by full or partial ADR description exp, Rash, Rashes
Advance Search			
e	Reported Date From	—	Allow to search date before current date
f	Reported Date To	—	Allow to search date later than date on Reported Date From field

g	Reported By	User Login Name	Allow to search by full or partial User Login Name
k	Status	<ul style="list-style-type: none"> – All – Confirmed – Verify – Recorded 	<ul style="list-style-type: none"> – All - Allow to search for records by status Confirmed, Verify and Recorded – Confirmed - Allow to search for records that have been confirmed – Verify - Allow to search for records that are verified but not yet confirmed – Recorded - Allow to search for records that are not yet verified and confirmed
l	Department	–	Allow to search by full or partial department name in facility

Table 3.1



Select Registered Patient

Patient Search

Patient MRN: Patient Name:

IC No/Other Identification: Search

<< < 1 / 26067 > >> [1 - 10 / 260663]

Patient MRN	Patient Name	IC No/Other Identification
XXXX XX XXXX		
NXXXXXX XXXXX XXXX		
MXXXXXXXX XXXXX XXXX		
AXXXX XXXXXX XXX XXX XXXXX		
FXXXX XXXXX XXX XXXX XXXXX		
MXXXX'XX XXX XXXXXX		
MXXXXXXXX XXXXXX XXX XXXX XXXXXX		
NXX XXXXX XX XXXX XXXXXX		
CXXXX XXXX XX		
NXX XXXXX XXXXX XXXXX XXXXXXXX		

10 / 530]

Department

Figure 3.1-2 Enter/Select search MRN

STEP 4

Double-click on selected patient record

STEP 5



Click on the  button and system will generate '**ADR Reporting**' screen



Figure 3.1-4 Skin Reaction Screen

Note

- If **'Please Classify for Skin Reaction'** checkbox is selected, ☐ [Skin Reaction](#) hyperlink is displayed. Click on the hyperlink, system will display as shown in Figure 3.1-4. Select the checkbox and click on the  button to save the record.

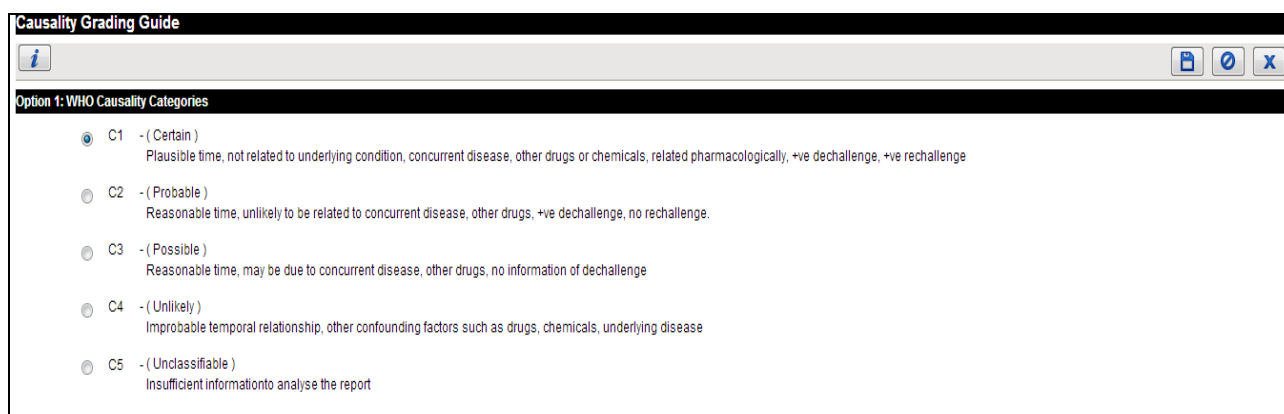


Figure 3.1-5 WHO Causality Grading

Note

- **Drug Relationship** field is selected from drop down box or by clicking on the [WHO Causality Categories/Naranjo Algorithm](#) hyperlink. System will display the screen as shown in Figure 3.1-5 and Figure 3.1-6.
- Results selected from WHO Causality Grading will be displayed at the Drug Relationship field.


Option 2: Naranjo Algorithm

1. Are there previous conclusive reports on this reaction? <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown	2. Did the adverse event appear when the suspected drug was administered? <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown
3. Did the adverse reaction improve when the drug was discontinued or a specific antagonist was administered? <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Unknown	4. Did the adverse reaction reappear when the drug was readministered? <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown
5. Are there alternative causes (other than the drug) that could on their own have caused the reaction? <input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> Unknown	6. Did the reaction reappear when a placebo was given? <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown
7. Was the drug detected in the blood (or other fluids) in concentrations known to be toxic? <input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> Unknown	8. Was the reaction more severe when the dose was increased, or less severe when the dose was decreased? <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown
9. Did the patient have a similar reaction to the same or similar drugs in any previous exposure? <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Unknown	10. Was the adverse event confirmed by any objective evidence? <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown

Score 6

Scoring: (More than 7) Certain, (5 - 6) Possible, (3 - 4) Probable, (1 - 2) Unlikely, (0) Unclassifiable

Figure 3.1-6 Naranjo Algorithm

- Naranjo Algorithm is used as a guideline only. Results from this questionnaire will not be used as the causality grading.
- Select on the radio button and click on the  button to save the record

ADVERSE DRUG REACTION

Demographic

XXXX XXXX XXX Mykad: Age 34 Years 01 Months 02 Days Gender Male MRN

Address Phone And Email Diagnosis

Height cm Weight kg BMI/BSA 0/0 m² (Last Updated :) Nationality : Warganegara

1. ADR DETAILS

2. DRUG DETAILS

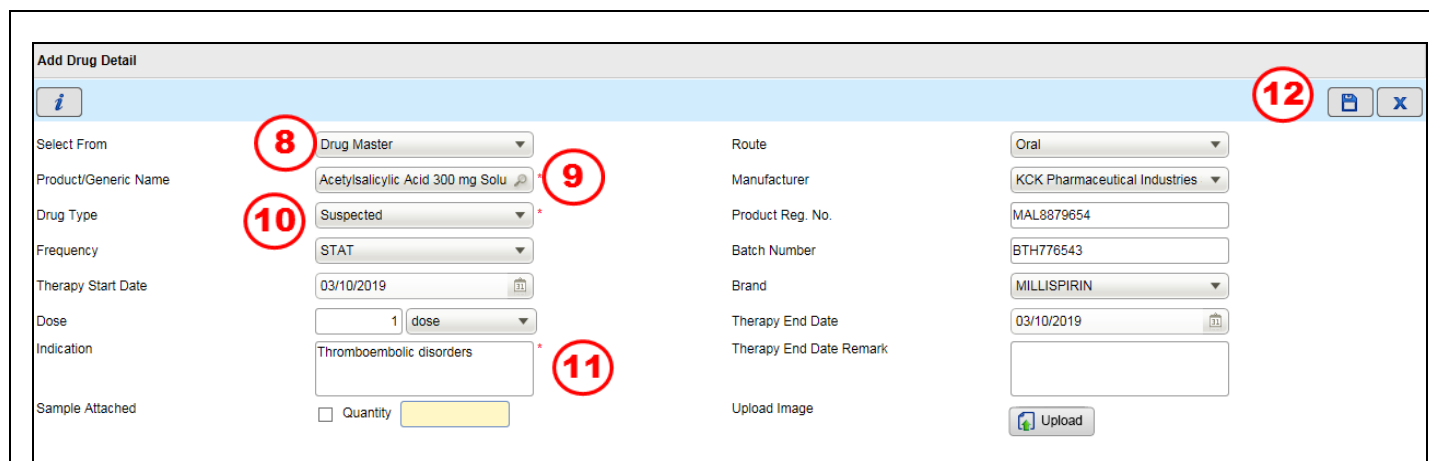
MDC	Product/Generic Name	Drug Type	Dose	Frequency	Route	Manufacturer	Product Reg No.	Brand	Therapy Start Date	Therapy End Date	Therapy End Date Remark	Indication	Sample Quantity
No Record Found													

3. OTHER DETAILS

Figure 3.1-7 Drug Details

STEP 7

Click on the  button as shown in Figure 3.1-7 and 'Add Drug Detail' screen will be displayed as shown in Figure 3.1-8



The screenshot shows the 'Add Drug Detail' form with the following fields and callouts:

- 8**: Select From dropdown menu (set to Drug Master)
- 9**: Product/Generic Name text field (Acetylsalicylic Acid 300 mg Solu)
- 10**: Drug Type dropdown menu (set to Suspected)
- 11**: Indication text field (Thromboembolic disorders)
- 12**: Save and Close buttons in the top right corner

Other visible fields include: Route (Oral), Manufacturer (KCK Pharmaceutical Industries), Product Reg. No. (MAL8879654), Batch Number (BTH776543), Brand (MILLISPIRIN), Therapy Start Date (03/10/2019), Dose (1 dose), Therapy End Date (03/10/2019), and Sample Attached checkbox with a Quantity field.

Figure 3.1-8 Add Drug Details

STEP 8

Select and enter from Select From drop down box:

- Drug Master
- Others

Note

- *Drug Master- The searching of drugs will be from the Drug Master list.*
- *Others – Free text field provided. User can record drugs which are not setup in the drug configuration file. e.g.: traditional herbs.*

STEP 9

Enter **Product/Generic Name**. The selection will be based on the selected criteria in the **Select From** field

STEP 10

Select and enter from Drug Type drop down box:

- Concomitant
- Interaction
- Suspected

STEP 11

Enter **Indication**

Note

- *Enter the other optional field if applicable*
 - a) **Frequency**
 - b) **Therapy Start Date**
 - c) **Total daily dosage given**
 - d) **Route**
 - e) **Manufacturer**
 - f) **Product Reg No**
 - g) **Batch No**
 - h) **Brand**
 - i) **Therapy End Date**
 - j) **Therapy End Date Remarks**
 - k) **Sample Attached**
 - l) **Upload Image**
- **Select From** field = Drug Master, **Frequency** and **Route** field is displayed as drop down box.
- **Select From** field = Other, **Frequency** and **Route** field is displayed as free text fields.
- Select the checkbox **Sample Attached** and enter the quantity if sample is available from patient.

- Click on the **Upload** button to upload the image of the drug if available.

STEP 12

Click on the  button to save the record

Note

User is allowed to add same drug with different dosage, frequency or route

14

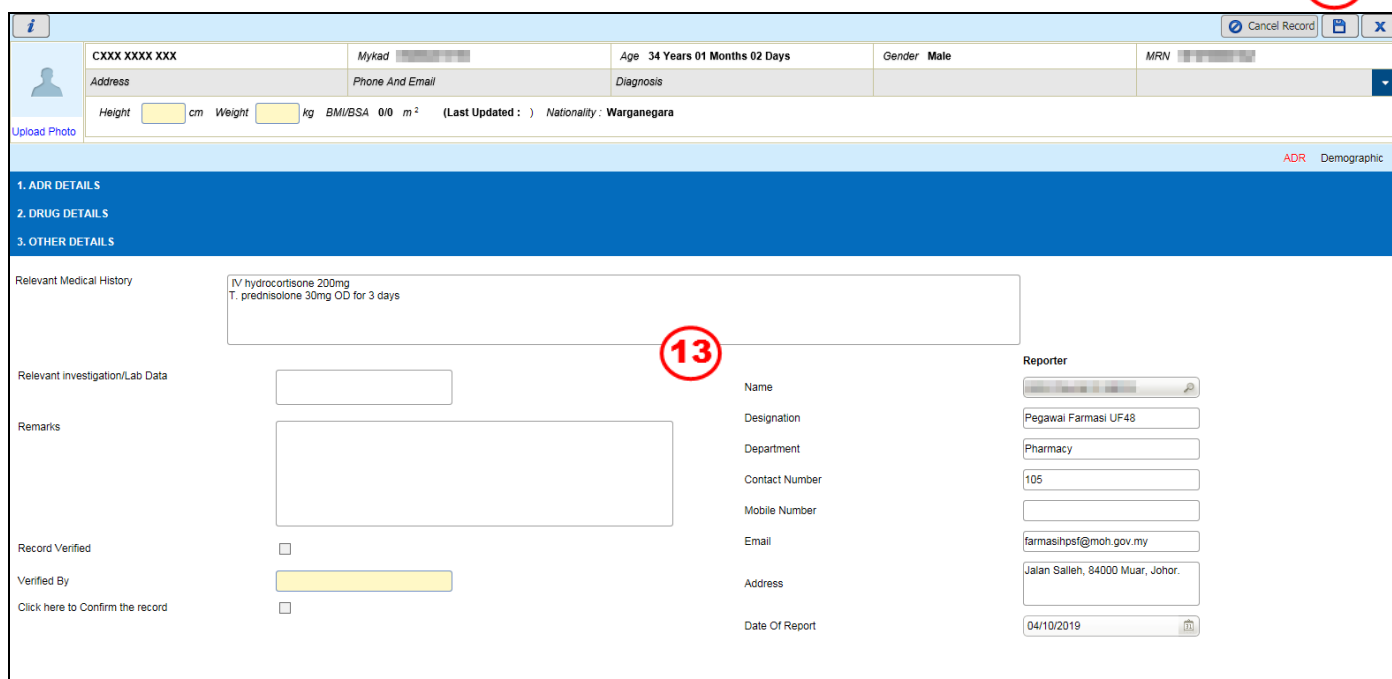


Figure 3.1-9 Other Details

STEP 13

Enter the information for below if applicable:

- Relevant Medical History**
- Relevant investigation Lab Data**
- Remarks**
- Mobile Number**
- Date Of Report**

Note

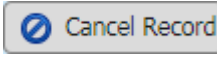
Fields of Reporter section that will be extracted automatically from the user account are:

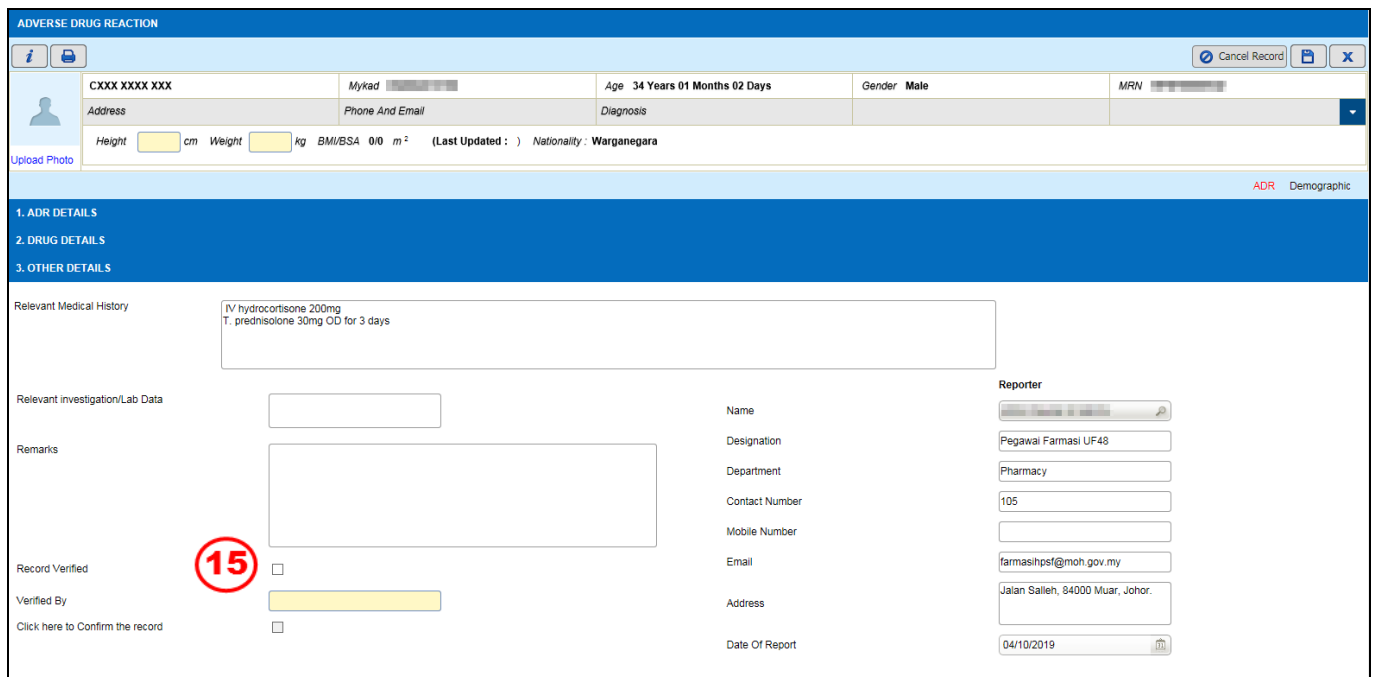
- Name**
- Designation**
- Department**
- Contact Number**
- Email**
- Address**

STEP 14

Click on the  button to save the record

Note

- After save the record, Record Verified checkbox button will enable to verification process as shown in Figure 3.1-10
- User is allow to cancel the record by click on the  button



ADVERSE DRUG REACTION

Cancel Record

XXXX XXXX XXX Mykad Age 34 Years 01 Months 02 Days Gender Male MRN

Address Phone And Email Diagnosis

Height cm Weight kg BMI/BSA 0/0 m² (Last Updated :) Nationality : Warganegara

Upload Photo

ADR Demographic

1. ADR DETAILS
2. DRUG DETAILS
3. OTHER DETAILS

Relevant Medical History

IV hydrocortisone 200mg
T. prednisolone 30mg OD for 3 days

Relevant investigation/Lab Data

Remarks

Record Verified **15** ☐

Verified By

Click here to Confirm the record ☐

Name

Designation

Department

Contact Number

Mobile Number

Email

Address

Date Of Report

Reporter

Pegawai Farmasi UF48

Pharmacy

105

farmasihpsf@moh.gov.my

Jalan Salleh, 84000 Muar, Johor.

04/10/2019

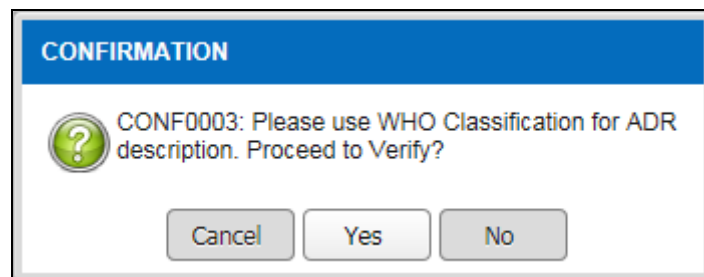
Figure 3.1-10 ADR Reporting

STEP 15

Click on the **Record Verified** ☐ checkbox

Note

- Confirmation Message will displayed as Figure 3.1-11



CONFIRMATION

CONF0003: Please use WHO Classification for ADR description. Proceed to Verify?

Cancel Yes No

Figure 3.1-11 Confirmation Message

- Click on the **Yes** button to proceed for verification
- Verified By** field will be auto display verification person name as shown in Figure 3.1-12

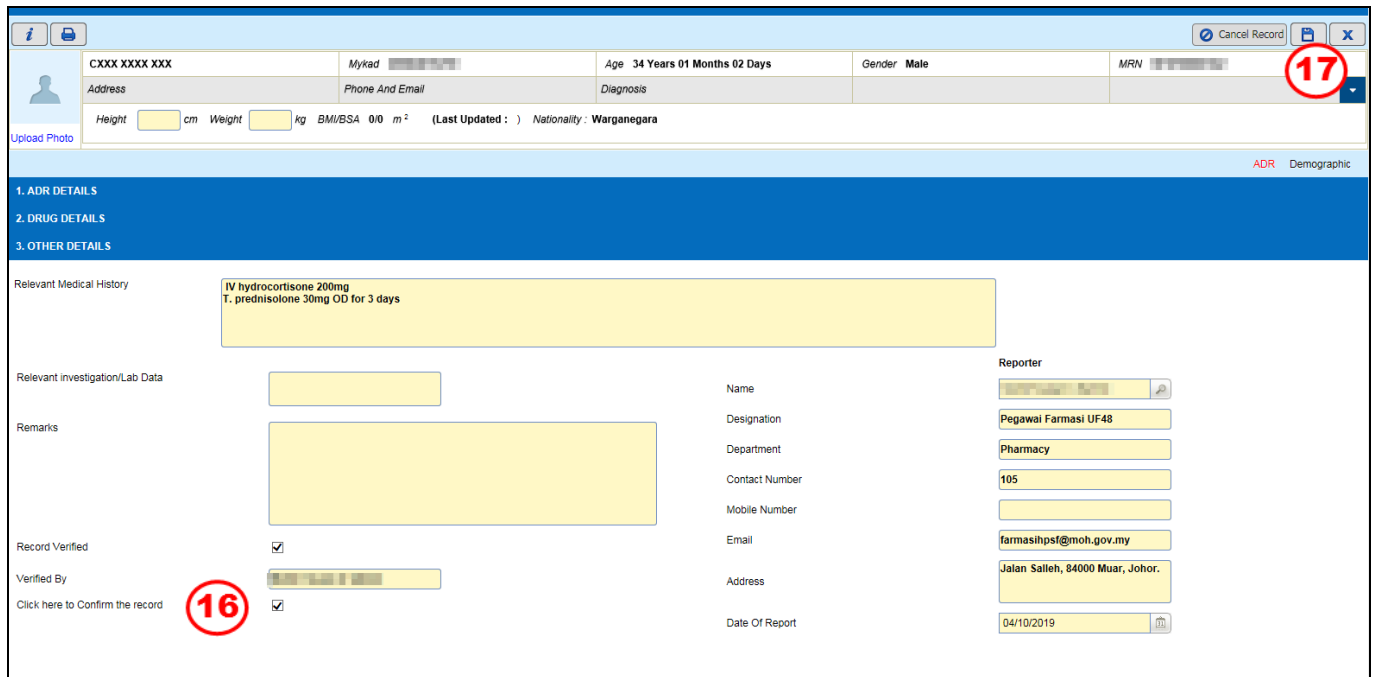



Figure 3.1-12 ADR Reporting

STEP 16

Click on the **Click here to Confirm the record** ☐ checkbox to confirm the ADR Reporting record

STEP 17

Click on the  button to save and the record will be send automatically to NPRA

Note

- Status for ADR Reporting will be change to **NPRA Received** for record that successfully send to NPRA and user can view the status at the ADR Reporting Listing Page as shown in Figure 3.1-13

ADR REPORTING

Select Registered Patient

ADR No.

Suspected Drug Description

Reported Date From

Reported By

Department

MRN

ADR Description

Reported Date To

Status

NPRA Received

Search

1

/ 5

[1 - 10 / 49]

ADR No	MRN	Suspected Drug Desc	ADR Description	Reported By	Reported Date	Status	Verified By	Remarks	Department
ADR180000858		Hepatitis B 10mcg HbsAg Vaccine (Pediatric)	Patient received hepatitis B vaccine at KK Sagil, Tangkak on 12/12/2018 around 1pm. He developed fever at...		16/12/2018	NPRA Received			Pharmacy

Figure 3.1-13 NPRA Received

- if the record fail to send ADR record, Information Message will be displayed as shown in Figure 3.1-13

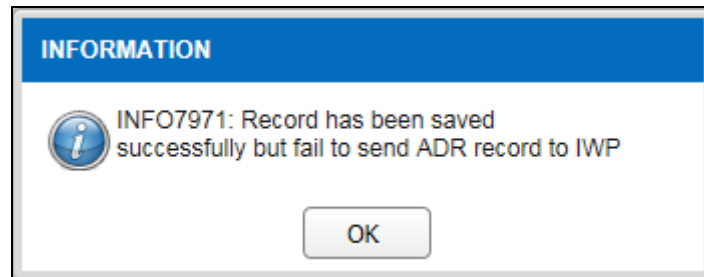



Figure 3.1-13 Information Message

- Button Send to Integration  will be enable at ADR Reporting screen for user to click and resend the record to NPRA as shown in Figure 3.1-14

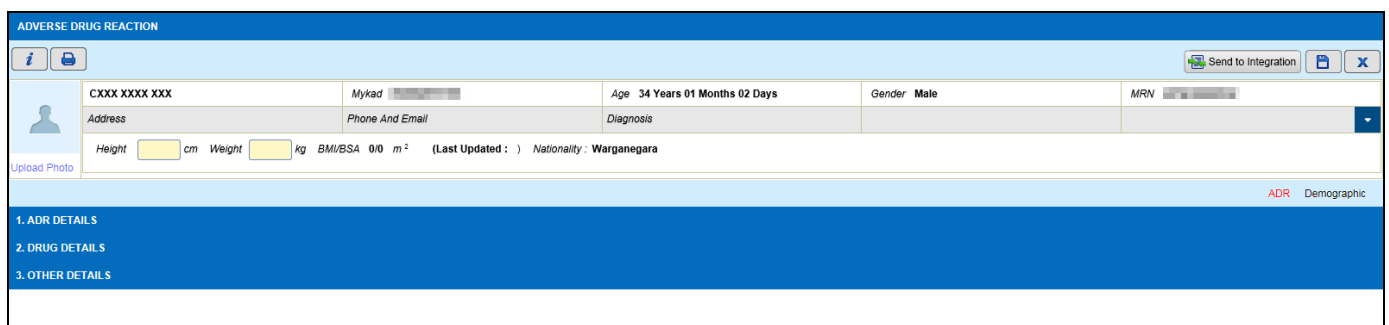
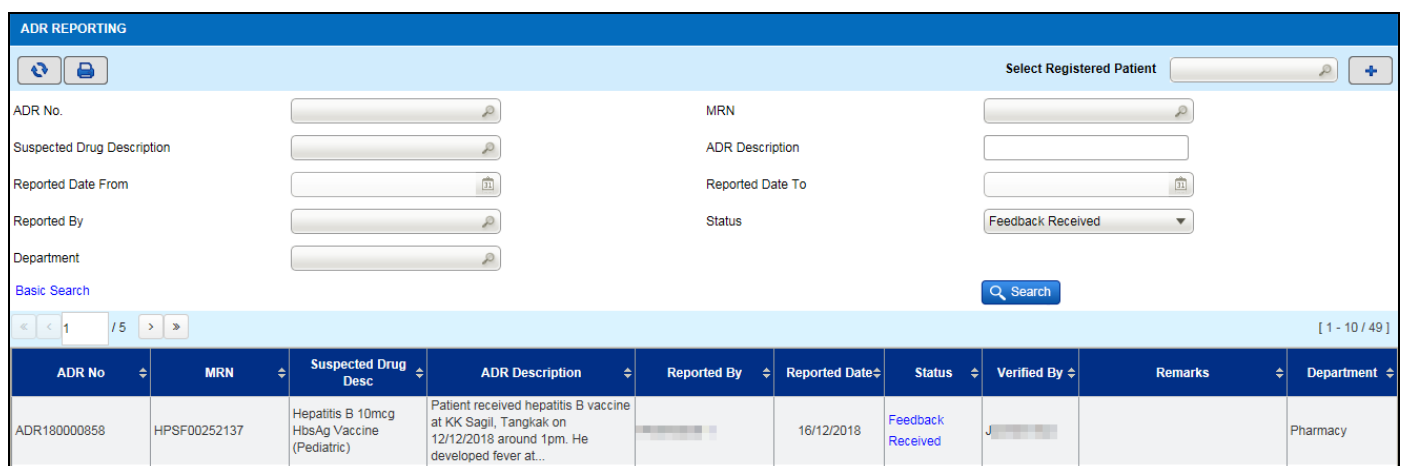


Figure 3.1-14 ADR Reporting - Send to Integration

- ADR Record that already got a feedback from NPRA, user can view the information in the ADR Listing Page where the status is **Feedback Received** as shown in Figure 3.1-15



ADR No.	MRN	Suspected Drug Desc	ADR Description	Reported By	Reported Date	Status	Verified By	Remarks	Department
ADR180000858	HPSF00252137	Hepatitis B 10mcg HbsAg Vaccine (Pediatric)	Patient received hepatitis B vaccine at KK Sagil, Tangkak on 12/12/2018 around 1pm. He developed fever at...		16/12/2018	Feedback Received	J		Pharmacy

Figure 3.1-15 NPRA Feedback

- Click on the status Feedback Received hyperlink and NPRA Feedback screen will be shown in Figure 3.1-16

NPRA FEEDBACK

i X

ADR No * NPRA Report No *

Feedback Date * Casual Grading by Facility

Status

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

Characterisation	Product Name	Active Ingredient	ADR Terminology	Relatedness
Suspected	EUVAX-B INJECTION 20MCG/1.0ML	HEPATITIS B VIRUS	Pyrexia	Probable
Suspected	EUVAX-B INJECTION 20MCG/1.0ML	HEPATITIS B VIRUS	Loose stools	Probable

Figure 3.1-16 NPRA Feedback

i Cancel Record

18

CXXX XXXX XXX Mykad Age 34 Years 01 Months 02 Days Gender Male MRN

Address Phone And Email Diagnosis

Height cm Weight kg BMI/BSA 0/0 m² (Last Updated :) Nationality : Warganegara


Upload Photo

ADR Demographic

1. ADR DETAILS
2. DRUG DETAILS
3. OTHER DETAILS

Figure 3.1-17 Print ADR Report

STEP 18

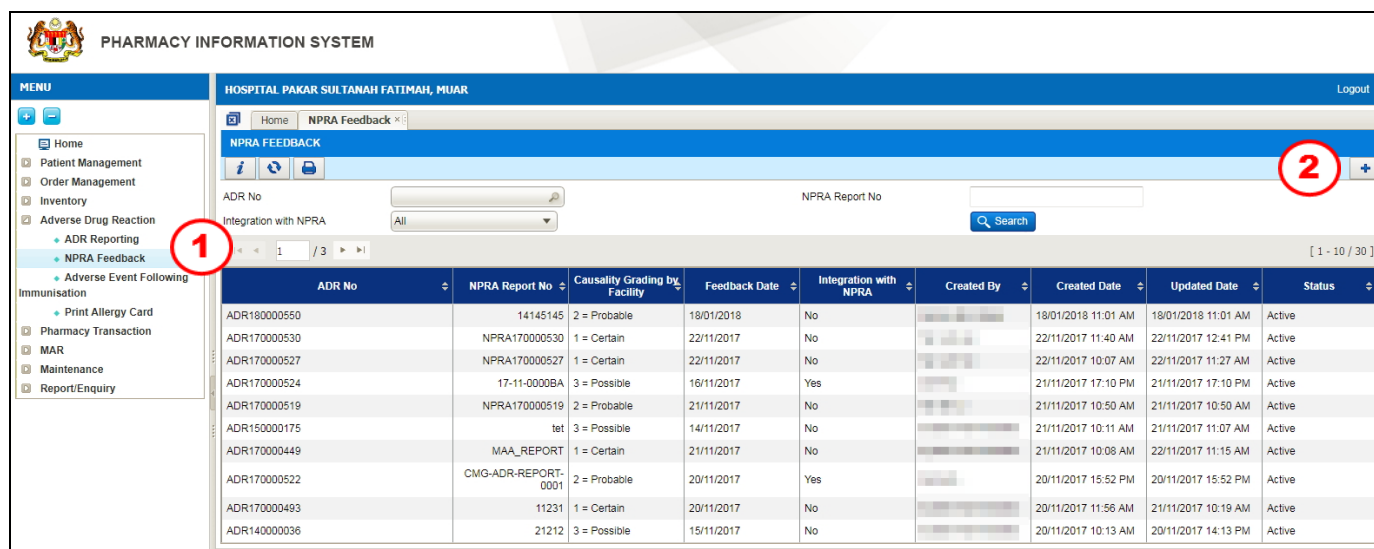
Click on the  button to print the ADR Report

REPORT ON SUSPECTED ADVERSE DRUG REACTION NATIONAL CENTRE FOR ADVERSE DRUG REACTION MONITORING											
ADR NO : ADR190000106					www.bpfk.gov.my						
(Please report all suspected drug reaction including those for vaccines and traditional medicines. Do not hesitate to report if some details are not known. Identities of Reporter, Patient and Institution will remain Confidential.) REPORT No (for office use only)											
PATIENT INFORMATION											
Patient NRIC	Age	Sex	Wt (kg)	Ethnic Group	Institution						
850902015799	34 Years 01 Months 02 Days	Male		Chinese	Hospital Pakar Sultanah Fatimah, Muar						
ADVERSE REACTION DESCRIPTION											
Patient presented to ED at 0016 on 23/5/19 with left sided chest pain for 3 days. The pain radiated to the back and was heavy in nature (PS=7/10). Patient was treated as ACS, after which T.acetylsalicylic acid 300mg STAT was given. After around 5 min, patient developed itchiness and swelling over both eyes and the face. IV hydrocortisone 200mg was given at ED. Swelling and itchiness have improved in ward and patient was prescribed with T.prednisolone 30mg OD for 3 days.											
Skin Reaction : null Please specify Part of Body Affected : null											
Time-to-onset of reaction		5 Minutes		Reaction start date :		03/10/2019		Reaction end date :		03/10/2019	
Reaction subsided after action taken with suspected drug				Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>		Unknown <input type="checkbox"/>			
Reaction reappeared after reintroducing suspected drug				Yes <input type="checkbox"/>		No <input type="checkbox"/>		Not applicable <input checked="" type="checkbox"/>			
Extent of reaction :				Mild <input type="checkbox"/>		Moderate <input checked="" type="checkbox"/>		Severe <input type="checkbox"/>			
Treatment of adverse reaction & action taken		IV hydrocortisone 200mg, then T. prednisolone 30mg OD for 3 days									
Outcome :		Recovered <input type="checkbox"/>		Recovering <input checked="" type="checkbox"/>		Recovered With Sequelae <input type="checkbox"/>		Not Recovered <input type="checkbox"/>		Unknown <input type="checkbox"/>	
Seriousness:		Life Threatening <input type="checkbox"/>		Hospitalization / Prolong <input type="checkbox"/>		Disability / Incapacity <input type="checkbox"/>		Birth Defect <input type="checkbox"/>		Results In Death <input type="checkbox"/>	
								Date of death:			
Relatedness of suspected drug to reaction(s) :				Certain <input type="checkbox"/>		Probable <input type="checkbox"/>		Possible <input checked="" type="checkbox"/>		Unlikely <input type="checkbox"/>	
										Unclassifiable <input type="checkbox"/>	
Suspected Drug :											
Products/Generic Name	Dose	Route	Frequency	Manufacturer	Product Reg. No.	Batch No.	Therapy Dates		Indication		
							Start	End			
Acetylsalicylic Acid 300 mg Soluble Tablet	1 dose	Oral	STAT	KCK Pharmaceutica I Industries Sdn. Bhd.	MAL887985 4	BTH776543	03/10/2019	03/10/2019	Thromboembolic disorders		
Concomitant Drug :											
Interaction Drug :											
** Please attach further papers if necessary											
Relevant Investigations/Laboratory Data						Relevant Medical History					
						IV hydrocortisone 200mg T. prednisolone 30mg OD for 3 days					
Reporter											
Name: Mohd Fauzan b Sahimi						Address: Jalan Salleh, 84000 Muar, Johor.					
Designation: Pegawai Farmasi UF48						Tel No: 105					
Email Address: farmasihpsf@moh.gov.my						Date of Report: 04/10/2019			Signature:		
Submission of a report does not constitute an admission that medical personnel or the product caused or contributed to the reaction. Thank you											

Figure 3.1-18 ADR Report

3.2 NPRA Feedback

The function of this menu is to record any feedback from NPRA into the system



ADR No	NPRA Report No	Causality Grading by Facility	Feedback Date	Integration with NPRA	Created By	Created Date	Updated Date	Status
ADR180000550	14145145	2 = Probable	18/01/2018	No		18/01/2018 11:01 AM	18/01/2018 11:01 AM	Active
ADR170000530	NPRA170000530	1 = Certain	22/11/2017	No		22/11/2017 11:40 AM	22/11/2017 12:41 PM	Active
ADR170000527	NPRA170000527	1 = Certain	22/11/2017	No		22/11/2017 10:07 AM	22/11/2017 11:27 AM	Active
ADR170000524	17-11-0000BA	3 = Possible	16/11/2017	Yes		21/11/2017 17:10 PM	21/11/2017 17:10 PM	Active
ADR170000519	NPRA170000519	2 = Probable	21/11/2017	No		21/11/2017 10:50 AM	21/11/2017 10:50 AM	Active
ADR150000175	tet	3 = Possible	14/11/2017	No		21/11/2017 10:11 AM	21/11/2017 11:07 AM	Active
ADR170000449	MAA_REPORT	1 = Certain	21/11/2017	No		21/11/2017 10:08 AM	22/11/2017 11:15 AM	Active
ADR170000522	CMG-ADR-REPORT-0001	2 = Probable	20/11/2017	Yes		20/11/2017 15:52 PM	20/11/2017 15:52 PM	Active
ADR170000493	11231	1 = Certain	20/11/2017	No		20/11/2017 11:56 AM	21/11/2017 10:19 AM	Active
ADR140000036	21212	3 = Possible	15/11/2017	No		20/11/2017 10:13 AM	20/11/2017 14:13 PM	Active

Figure 3.2-1 NPRA Feedback

Note

Search for NPRA Feedback record by below criteria:-

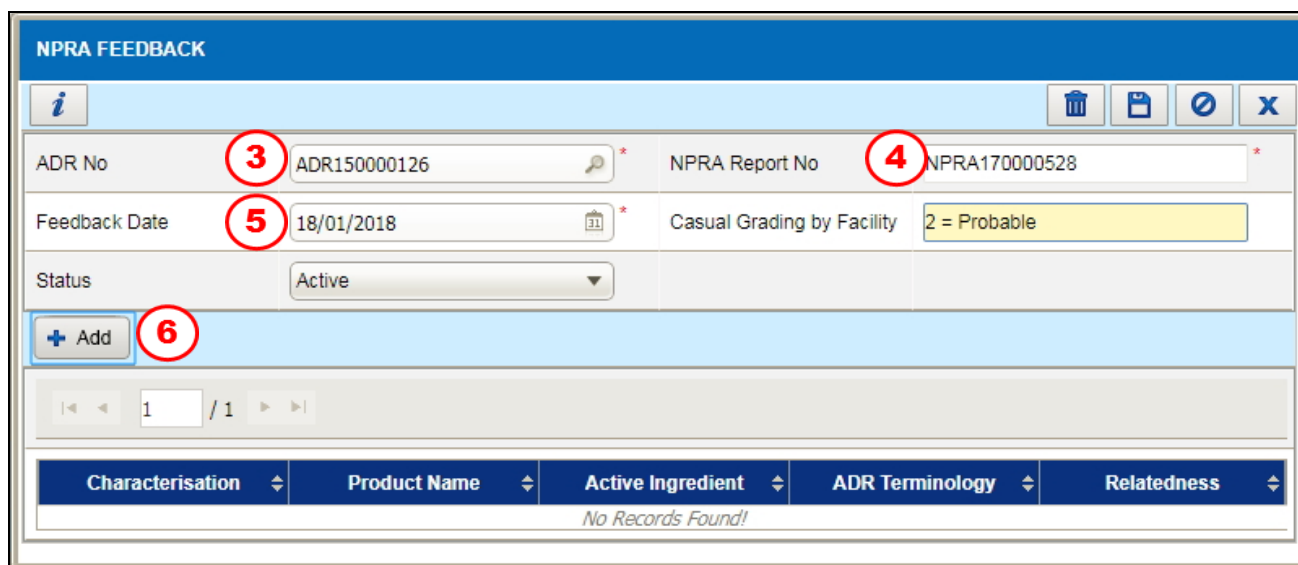
No	Field	Description	Remark
a	ADR No	Search by selecting a number from ADR No	Allow user to search existing transaction based on ADR No
b	NPRA Report No	Search by entering NPRA Report No	Allow user to search existing transaction based on NPRA Report No
c	Integration with NPRA	Select from drop down menu: <ul style="list-style-type: none"> - All - Yes - No 	All – allow to search all transaction Yes – allow to search data that synchronized from NPRA No – allow to search data recording by user

STEP 1

Click on the 'Adverse Drug Reaction' menu follow by 'NPRA Feedback' sub menu

STEP 2

Click on the  button and NPRA Feedback screen will be displayed as Figure 3.2-2



NPRA FEEDBACK

ADR No **3** ADR150000126 * NPRA Report No **4** NPRA170000528 *

Feedback Date **5** 18/01/2018 * Casual Grading by Facility 2 = Probable

Status Active

6 + Add


1 / 1

Characterisation Product Name Active Ingredient ADR Terminology Relatedness

No Records Found!

Figure 3.2-2 NPRA Feedback

STEP 3

Select **ADR No** from the  search button

Note

Casual Grading by Facility will auto displayed based on the value recorded in ADR Reporting


STEP 4

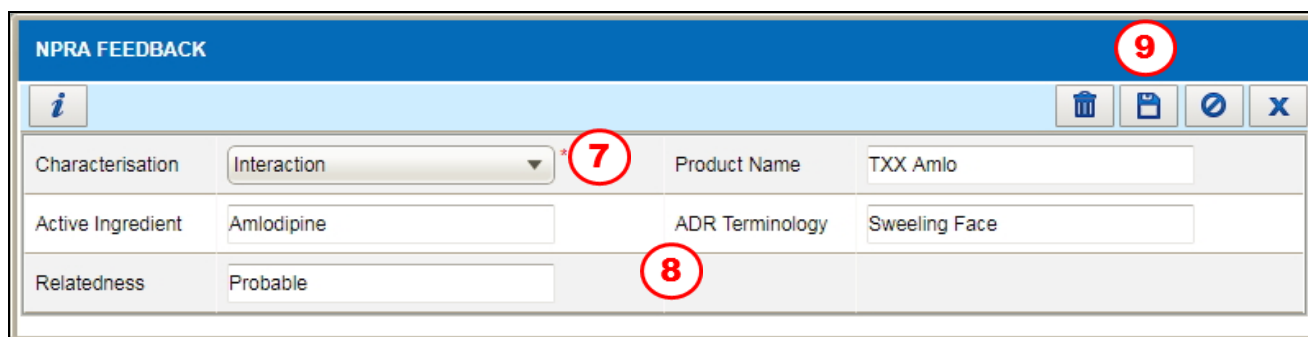
Enter **NPRA Report No**

STEP 5

Select **Feedback Date**

STEP 6

Click on the  button and NPRA Feedback screen will be displayed as Figure 3.2-3



NPRA FEEDBACK **9**

Characterisation Interaction * **7** Product Name TXX Amlo

Active Ingredient Amlodipine ADR Terminology Sweeling Face

Relatedness Probable **8**

Figure 3.2-3 NPRA Feedback

STEP 7

Select **Characterisation** from drop down menu:

- Concomitant
- Interaction
- Suspected

STEP 8

Enter value in below field (if applicable):

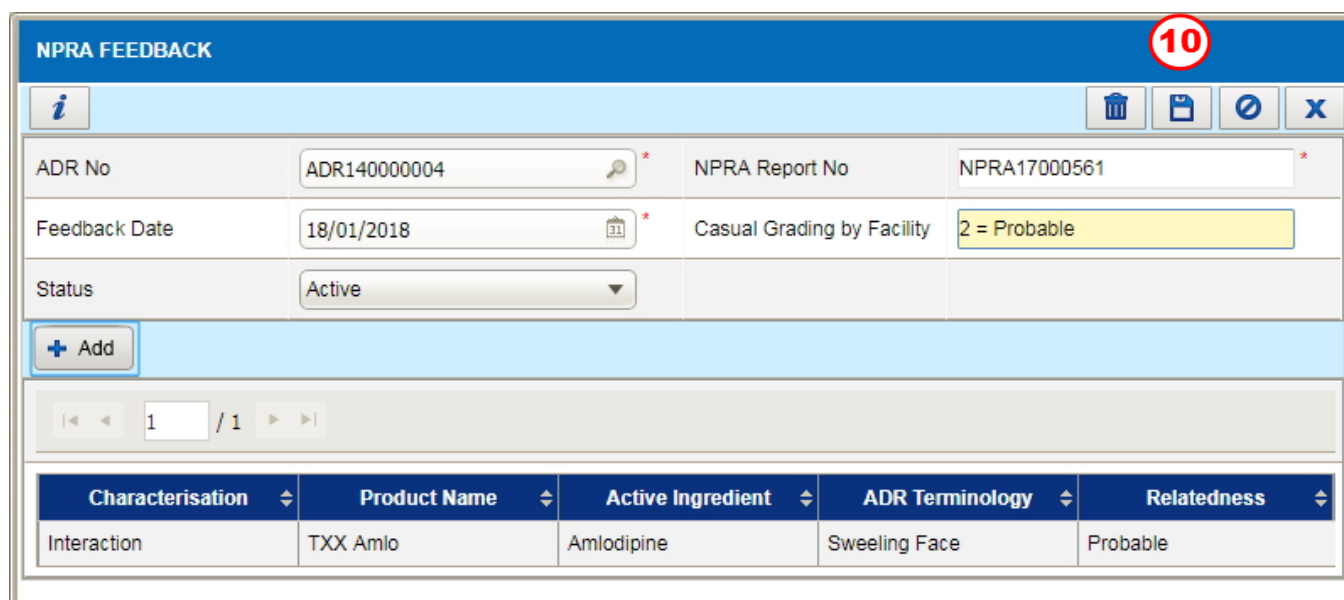
- **Active Ingredient**
- **Product Name**
- **ADR Terminology**
- **Relatedness**

STEP 9

Click on the  button to save the record

Note

Record will be updated as shown in Figure 3.2-4




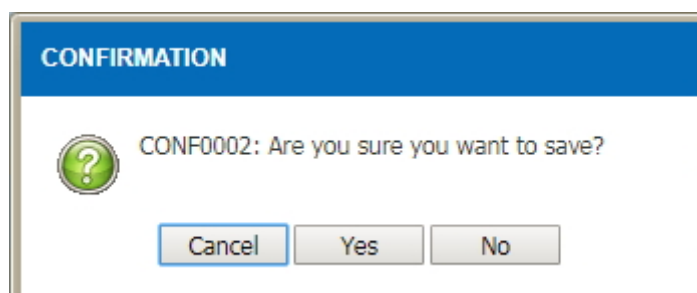
The screenshot shows the NPRA Feedback form with the following data:

NPRA FEEDBACK			
ADR No	ADR140000004	NPRA Report No	NPRA17000561
Feedback Date	18/01/2018	Casual Grading by Facility	2 = Probable
Status	Active		
+ Add			
1 / 1			
Characterisation	Product Name	Active Ingredient	ADR Terminology
Interaction	TXX Amlo	Amlodipine	Sweeling Face
			Probable

Figure 3.2-4 NPRA Feedback

STEP 10

Click on the  button to save the NPRA Feedback and confirmation message will be displayed as Figure 3.2-5



The screenshot shows a confirmation dialog box with the following content:

CONFIRMATION

CONF0002: Are you sure you want to save?

Buttons: Cancel, Yes, No

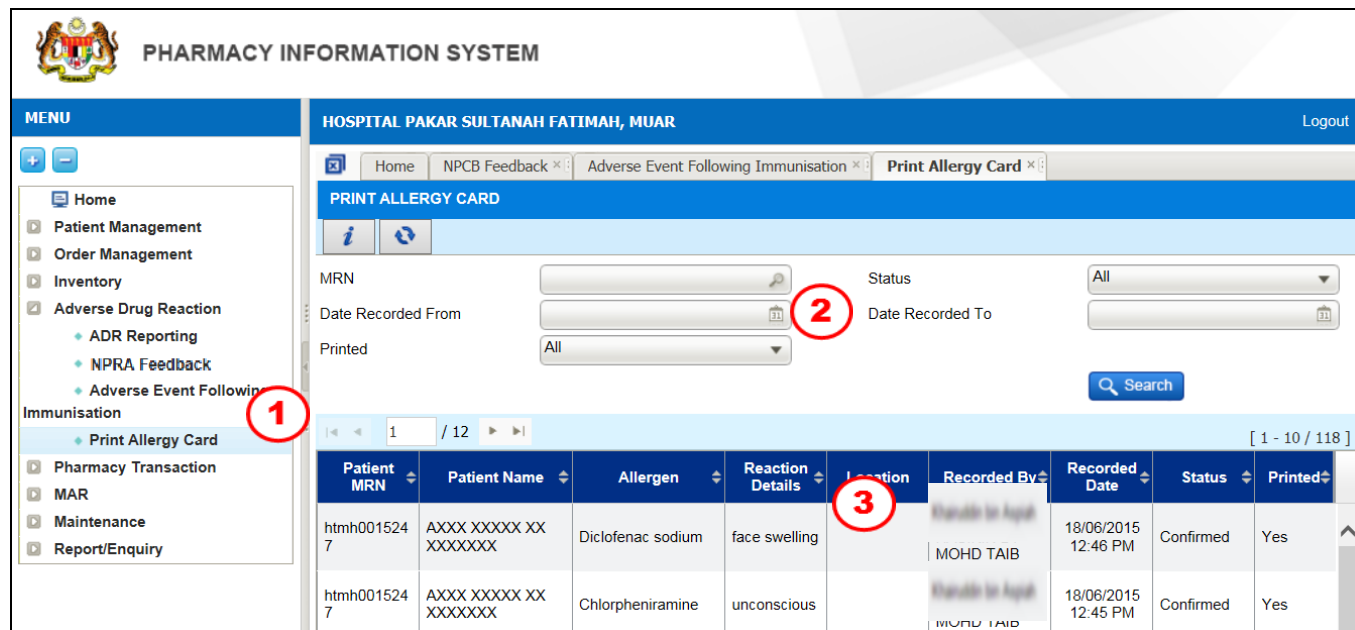
Figure 3.2-5 Confirmation Message

Note

Click on the  button so save the record

3.3 Print Allergy Card

The function of this menu is to print an allergy card for the patient



PHARMACY INFORMATION SYSTEM

HOSPITAL PAKAR SULTANAH FATIMAH, MUAR Logout

Home NPCB Feedback Adverse Event Following Immunisation **Print Allergy Card**

PRINT ALLERGY CARD

MRN: [Input Field] Status: All

Date Recorded From: [Input Field] Date Recorded To: [Input Field]

Printed: All

[Search Button]

1 / 12 [Page Navigation]

Patient MRN	Patient Name	Allergen	Reaction Details	Location	Recorded By	Recorded Date	Status	Printed
htmh0015247	AXXX XXXXX XX XXXXXXXX	Diclofenac sodium	face swelling		MOHD TAIB	18/06/2015 12:46 PM	Confirmed	Yes
htmh0015247	AXXX XXXXX XX XXXXXXXX	Chlorpheniramine	unconscious		MOHD TAIB	18/06/2015 12:45 PM	Confirmed	Yes

Figure 3.3-1 Print Allergy Card Listing Page

STEP 1


Select on 'Adverse Drug Reaction' menu followed by 'Print Allergy Card' sub menu

STEP 2

Search for the patient by below criteria:

No	Field	Description	Remark
a	MRN	Patient MRN	Allow to search patient by full or partial MRN No
b	Status	<ul style="list-style-type: none"> All Confirmed Pending for Confirmation To Print 	<ul style="list-style-type: none"> All - Allow to search records by status Confirmed, Pending for Confirmation and To Print Confirmed - Allow to search records of patients with confirmed drug allergy Pending For Confirmation - Allow to search records of patient with drug allergy that is pending confirmation To Print - Allow to search records of patient with confirmed drug allergy where allergy cars is not printed yet
c	Date Occurance From	—	Allow to search date before current date
d	Date Occurance To	—	Allow to search date later than date on Date Occurance From field

Table 3.3-1

Click on the  button and the system will display all related records

STEP 3

Double-click on record then select the checkbox as shown in Figure 3.3-1

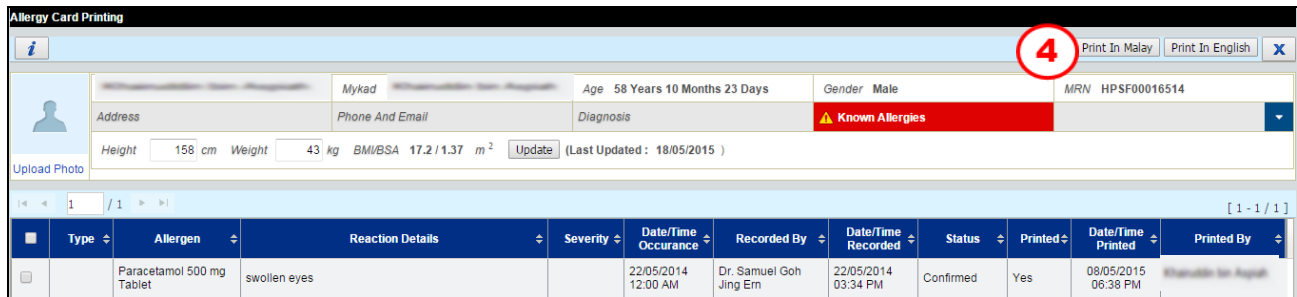


Figure 3.3-2 Selected Patient

Select to print the card in Malay or English by clicking on one of the below button:

System will display as shown in Figure 3.3-3.

Note

- Condition to print Allergy Card is:
 - Allergy record with status Confirmed and Suspected
 - Allergen Type = Drug

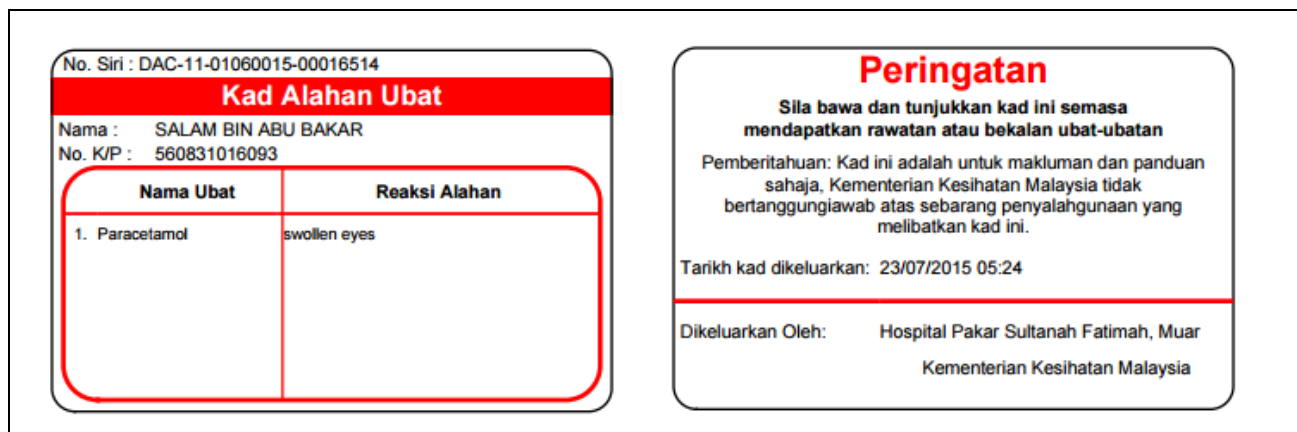


Figure 3.3-3 Allergy Card Sample

4.0 Acronyms

Abbreviation	Definition
PhIS	Pharmacy Information System
CPS	Clinical Pharmacy System
MOH	Ministry Of Health
MRN	Medical Record Number
ADR & DAC	Adverse Drug Reaction and Drug Allergic Card

5.0 Links to Clinical Modules

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