



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

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

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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

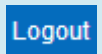
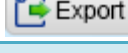
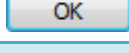
1.3 Organised Sections

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

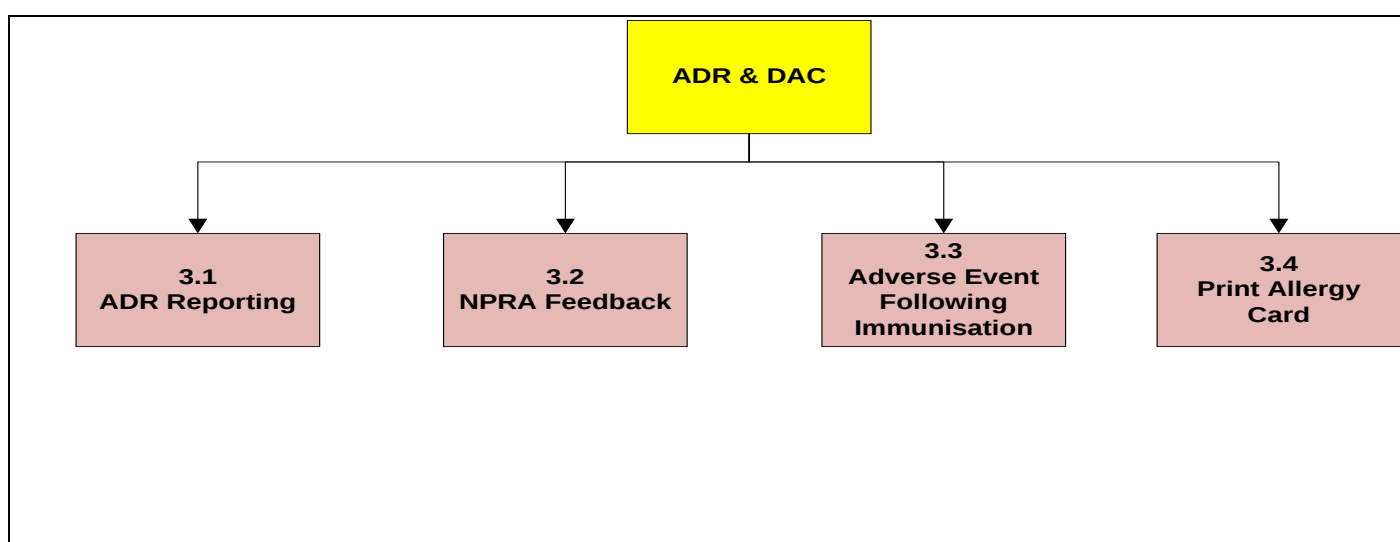


Figure 3.0

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.
- **Adverse Event Following Immunisation**
This process used by prescriber and pharmacist to record any adverse reaction after immunisation.
- **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.

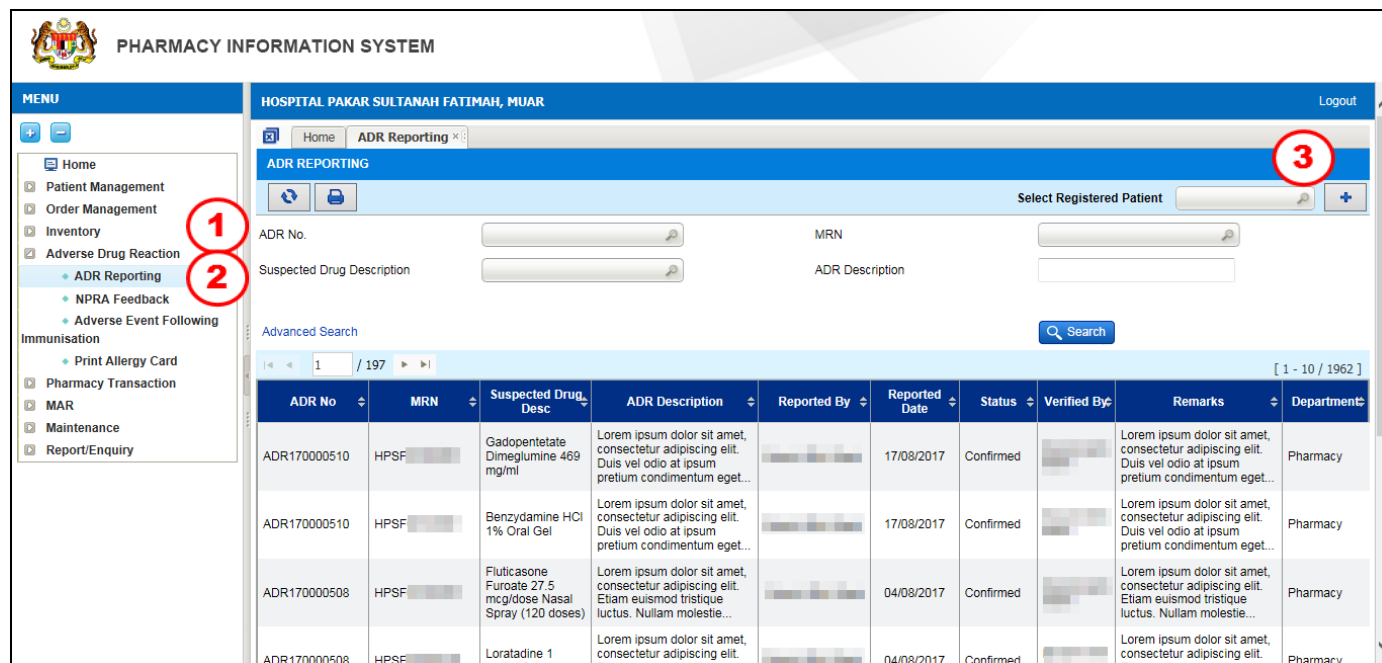


Figure 3.1-1 ADR Reporting Listing Page

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	– All – Confirmed – Verify – Recorded	– 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

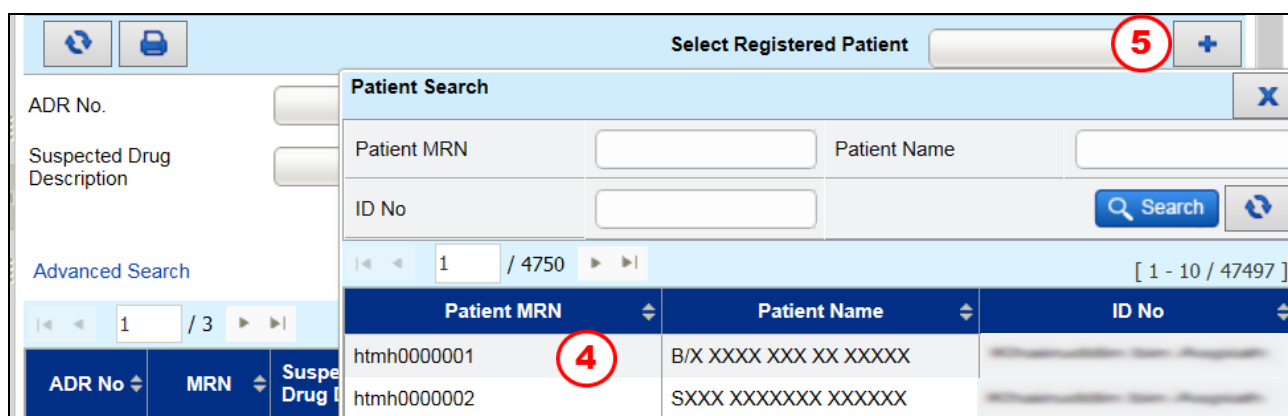


Figure 3.1-2 Enter/Select search MRN

STEP 4

Double-click on selected patient record

STEP 5

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

- **Race** field is retrieved from patient registration.
- If “Yes” is selected for ‘**Seriousness**’ from drop down box, another drop down box will appear with the following:
 - Results In Death (if this is selected, another field will appear and user need to fill in the information of **Date of Birth, Was Autopsy Done, Autopsy Determined Cause of Death and Cause of Death**)
 - Life Threatening
 - Hospitalization/Prolong Hospitalization
 - Disability/Incapacity
 - Birth Defect



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.

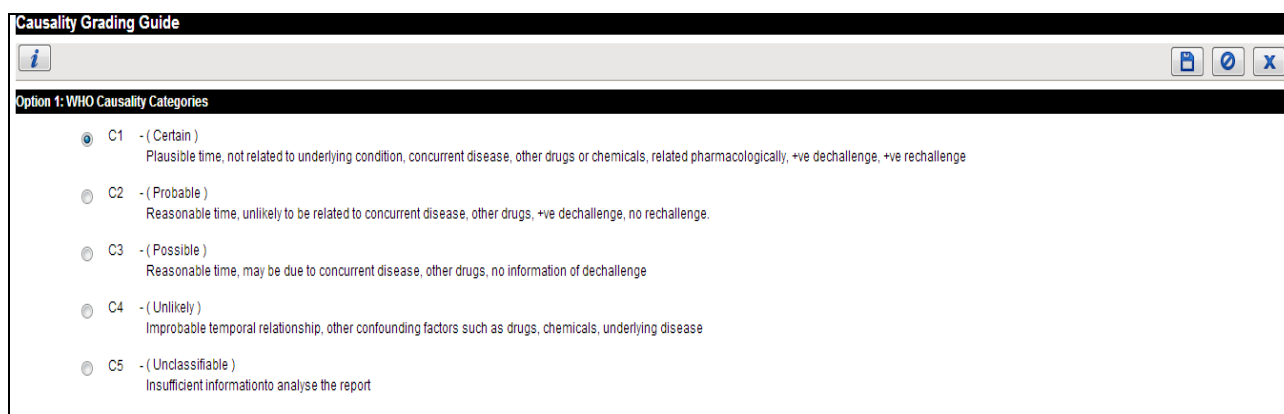


Figure 3.1-5 WHO Causality Grading

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

Score 6

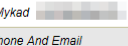
Scoring: (More than 7) Certain, (5 - 6) Possible, (3 - 4) Probable, (1 - 2) Unlikely, (0) Unclassifiable

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

 Mykad  Age 48 Years 08 Months 12 Days Gender Male MRN 182822

Address Phone And Email Diagnosis No known Allergies

Height 173 cm Weight 65 kg BMI/BSA 21.7 / 1.77 m² (Last Updated : 22/08/2017) Nationality : Warganegara

ADR Demographic

1. ADR DETAILS

2. DRUG DETAILS

	MDC	Product/Generic Name	Drug Type	Total daily dosage given	Frequency	Route	Manufacturer	Product Reg No.	Brand	Therapy Start Date	Therapy End Date
☐	A10AB05000P3001a	Insulin aspart (Novorapid) 100 IU/ml Penfill		1 IU	TDS (3 times a day)	Subcutaneous				22/08/2017	06/09/2017

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

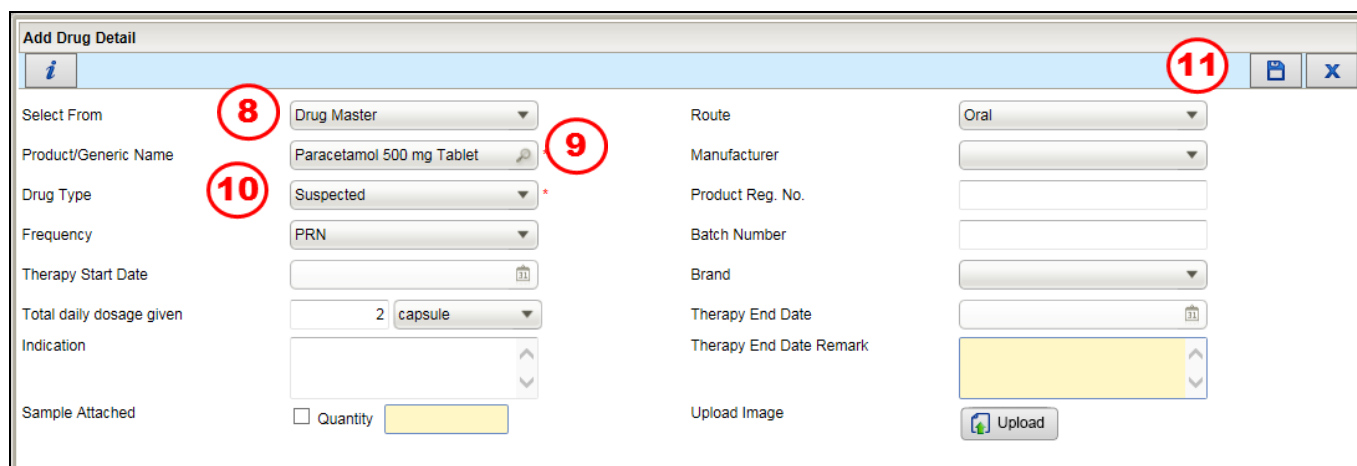


Figure 3.1-8 Add Drug Details

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

Note

- *Enter the other optional field if applicable*
 - a) **Frequency**
 - b) **Therapy Start Date**
 - c) **Indication**
 - d) **Total daily dosage given**
 - e) **Route**
 - f) **Manufacturer**
 - g) **Product Reg No**
 - h) **Batch No**
 - i) **Brand**
 - j) **Therapy End Date**
 - k) **Therapy End Date Remarks**
 - l) **Sample Attached**
 - m) **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.

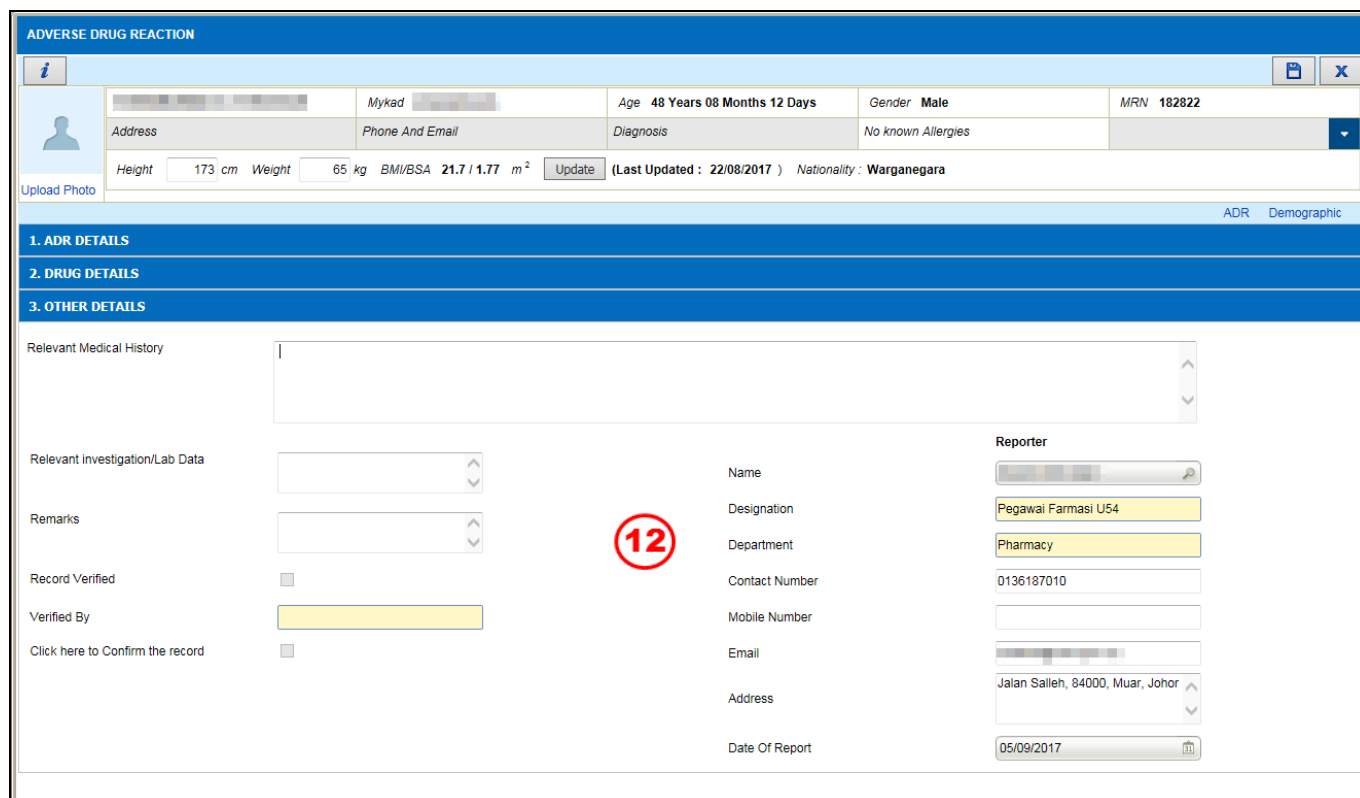
- Click on the **Upload** button to upload the image of the drug if available.

STEP 11

Click on the  button to save the record

Note

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



ADVERSE DRUG REACTION

1. ADR DETAILS

2. DRUG DETAILS

3. OTHER DETAILS

Relevant Medical History

Relevant investigation/Lab Data

Remarks

Record Verified

Verified By

Click here to Confirm the record

Reporter

Name

Designation

Department

Contact Number

Mobile Number

Email

Address

Date Of Report

Figure 3.1-9 Other Details

STEP 12

Enter the information for below if applicable:

- Relevant investigation Lab Data**
- Relevant Medical History**
- 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**

Record Verified	13 ☒
Verified By	
Click here to Confirm the record	14 ☒

Figure 3.1-10 Record Verified

STEP 13

Select the **Record Verified** checkbox to verify the record. Once the checkbox is selected, adding and editing of data are not allowed

STEP 14

Click on the **Click here to Confirm the record** checkbox then print the form to send the form to NPCB

ADVERSE DRUG REACTION					
	Mykad	Age 29 Years 09 Months 07 Days	Gender Male	MRN	
Address	Phone And Email	Diagnosis	No known Allergies		
Height cm	Weight kg	BMI/BSA 0/0 m ²	Update (Last Updated :)	Nationality : Warganegara	
Upload Photo ADR Demographic					
1. ADR DETAILS					
2. DRUG DETAILS					
3. OTHER DETAILS					

Figure 3.1-11 Save Record

STEP 15

Click on the  button to save the record

Note

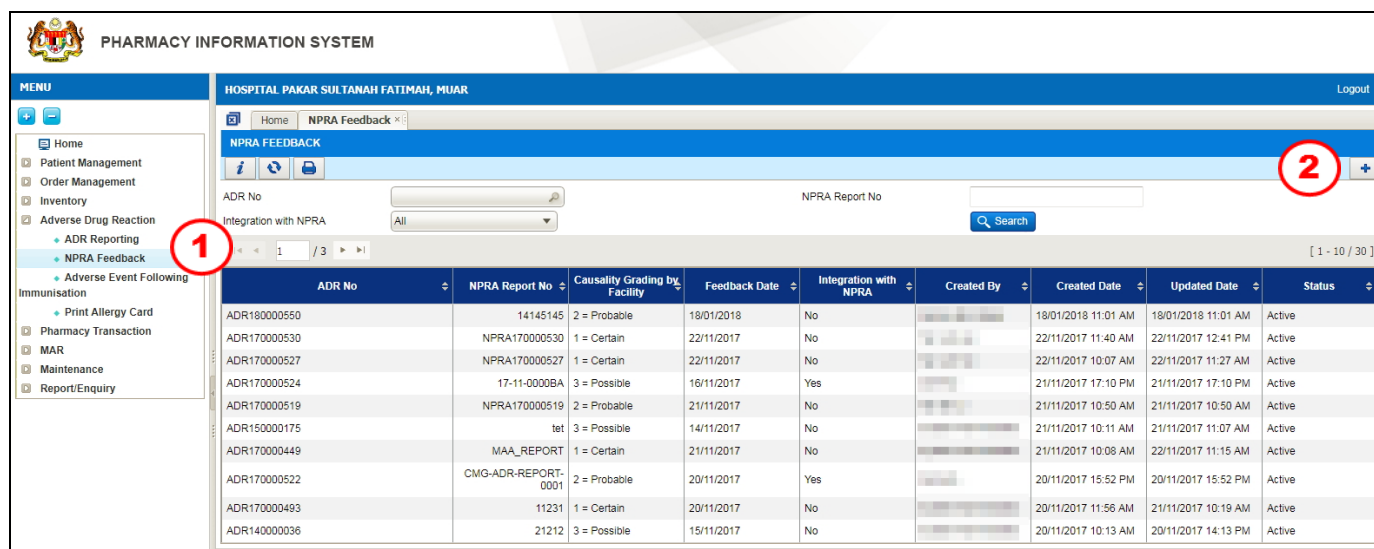
- Click on the  button to print the ADR Report as Figure 3.1-12
- Click on the  button to close the transaction

REPORT ON SUSPECTED ADVERSE DRUG REACTION NATIONAL CENTRE FOR ADVERSE DRUG REACTION MONITORING <i>www.bpfk.gov.my</i>									
(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									
R/N or Initials	Age	Sex	Wt	Ethnic Group	Institution				
HPSF00071539	35 Years 04 Months 22 Days	Female		Malay	Hospital Pakar Sultanah Fatimah, Muar				
ADVERSE REACTION DESCRIPTION									
Patient came to KLWP department on 15/9/17 with the complain of normal rashes. At KLWP, Dr gave Cloxacillin Capsule 1000mg QID, Tablet Diclofenac Sodium 50 mg TDS for the pain and Tablet paracetamol 1000mg QID. Few mins after taking, patient appeared to have rashes around the neck, body, armpits and at the upper limbs. A day later, blisters appeared around the neck & body. Patient was then treated with IV Hydrocortisone 200 mg STAT on 22/9. Patient rashes and blister resolving soon.									
Additional Information : Skin Reaction : Please specify Part of Body Affected :									
Time to onset of reaction :	5 Minutes	Date of reaction	15/09/2017	Date end of reaction :	25/10/2017				
Reaction subsided after stopping drug/reducing dose :		Yes ☐	No ☐	Unknown ☒					
Reaction reappeared after reintroducing drug :		Yes ☐	No ☐	Not applicable ☒					
Extent of reaction :		Mild ☐	Moderate ☒	Severe ☐					
Treatment of adverse		1)Hydrocortisone Sodium Succinate Injection 200mg STAT 2)Chlorpheniramine 10mg/ml Injection 10mg STAT							
Outcome :		Recovered ☐	Recovering ☒	Recovered With Sequelae ☐	Not Recovered ☐		Unknown ☐		
Seriousness:		Life Threatening ☐	Hospitalization / Prolong Hospitalization ☒	Disability / Incapacity ☐	Birth Defect ☐	Results In Death ☐	- Date of death:		
Drug Reaction Relationship		Certain ☐	Probable ☐	Possible ☒	Unlikely ☐		Unclassifiable ☐		
Suspected Drug :									
Products/Generic Name	Dosage Given	Route	Frequency	Manufacturer	Product Reg. No.	Batch No.	Therapy Dates		Indication
Paracetamol 500 mg Tablet	2 tablet	Oral	TDS (3 times a day)	CCM Pharmaceuticals Sdn. Bhd.		bm v	Start	End	
							22/09/2017	29/09/2017	
Concomitant Drug :									
Products/Generic Name	Dosage Given	Route	Frequency	Manufacturer	Product Reg. No.	Batch No.	Therapy Dates		Indication
Cloxacillin 500mg Capsule	4000 mg	Oral	QID (4 times a day)	Dynapharm (M) Sdn Bhd	17c0751		Start	End	
							15/09/2017	22/09/2017	
Calamine Lotion	1 app	LA	PRN				22/09/2017	29/09/2017	
Hydrocortisone Sodium Succinate 100mg Injection	100 mg	Intravenous	QID (4 times a day)				22/09/2017	29/09/2017	
Diclofenac Sodium 50 mg Tablet	150 mg	Oral	TDS (3 times a day)				15/09/2017	20/09/2017	For pain relief
Interaction Drug :									
** Please attach further papers if necessary									
Relevant Investigations/Laboratory Data					Relevant Medical History				
					NKMI				
Reporter Name: Ko Wei Cheng Address :Jalan Salleh, , Designation : Pegawai Farmasi U41 Tel No :638 Email Address : weichengko@hotmail.com Date of Report :25/09/2017 Signature :									

Figure 3.1-12 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:-

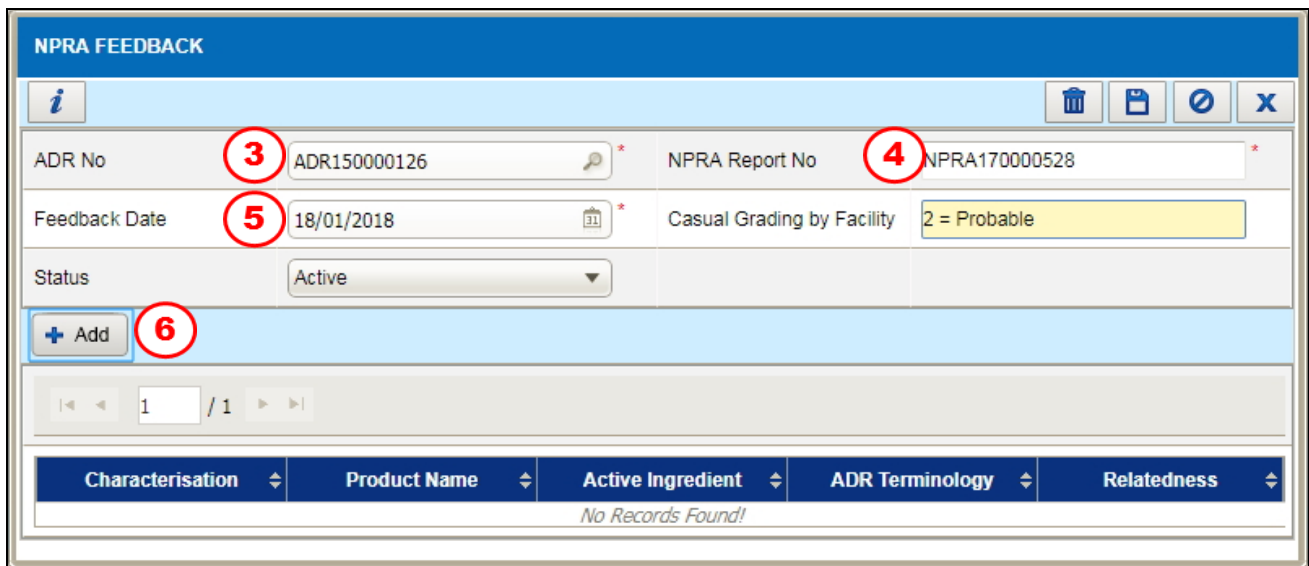
No	Field	Description	Remark
a	ADR No	Search by selecting a number from ADR No	Allow user to search existing transaction based on ADR No
b	NPRA Report No	Search by entering NPRA Report No	Allow user to search existing transaction based on NPRA Report No
c	Integration with NPRA	Select from drop down menu: - 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



The screenshot shows the NPRA Feedback form with the following fields and annotations:

- ADR No**: ADR150000126 (Annotation 3)
- NPRA Report No**: NPRA170000528 (Annotation 4)
- Feedback Date**: 18/01/2018 (Annotation 5)
- Casual Grading by Facility**: 2 = Probable
- Status**: Active
- + Add** button (Annotation 6)

Below the form, there is a table header with columns: Characterisation, Product Name, Active Ingredient, ADR Terminology, and Relatedness. The message "No Records Found!" is displayed below the table.

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

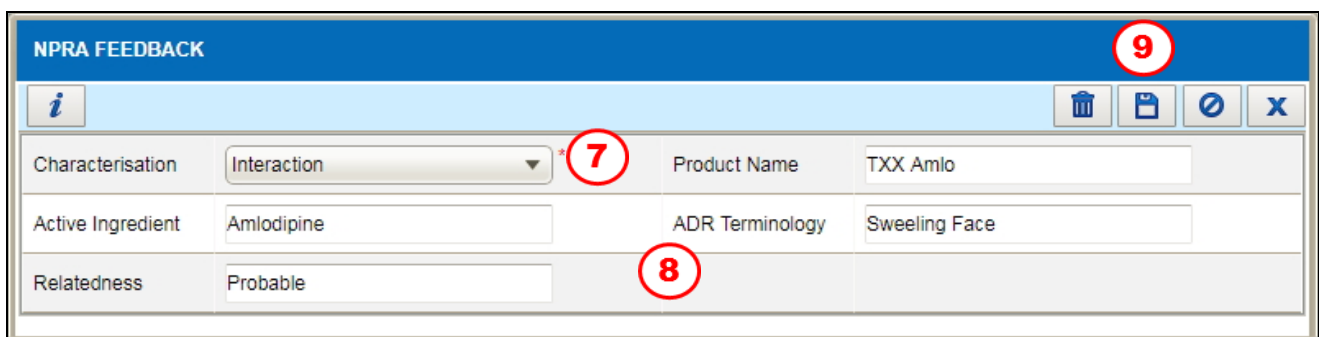
Enter **NPRA Report No**

STEP 5

Select **Feedback Date**

STEP 6

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



The screenshot shows the NPRA Feedback form with the following fields and annotations:

- Characterisation**: Interaction (Annotation 7)
- Product Name**: TXX Amlo
- Active Ingredient**: Amlodipine
- ADR Terminology**: Sweeling Face
- Relatedness**: Probable (Annotation 8)
- NPRA Feedback** header (Annotation 9)

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):

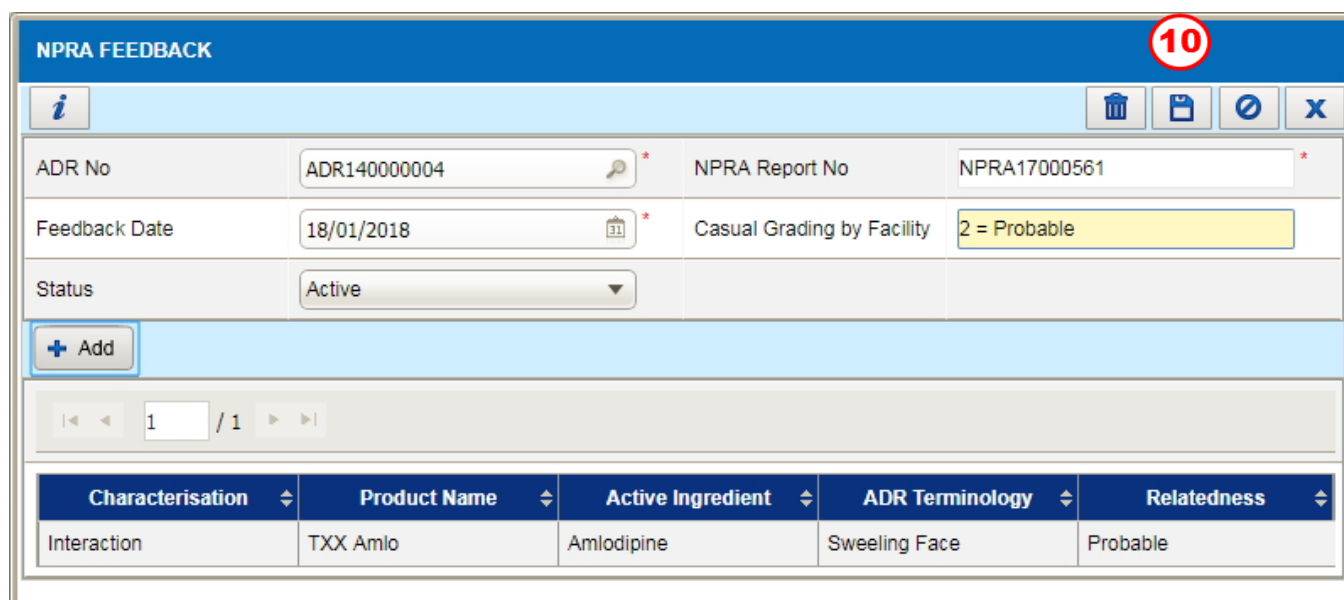
- **Active Ingredient**
- **Product Name**
- **ADR Terminology**
- **Relatedness**

STEP 9

Click on the  button to save the record

Note

Record will be updated as shown in Figure 3.2-4



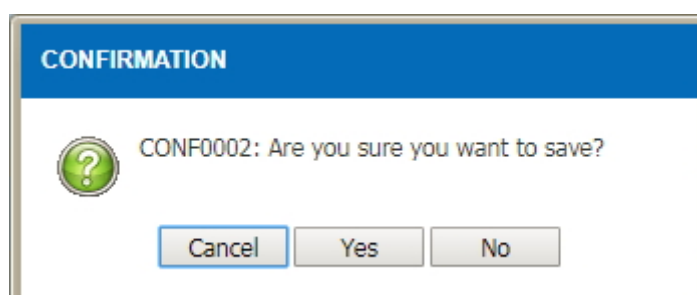
The screenshot shows the NPRA Feedback form with the following data:

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 Aml	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:

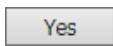
CONFIRMATION

CONF0002: Are you sure you want to save?

Buttons: Cancel, Yes, No

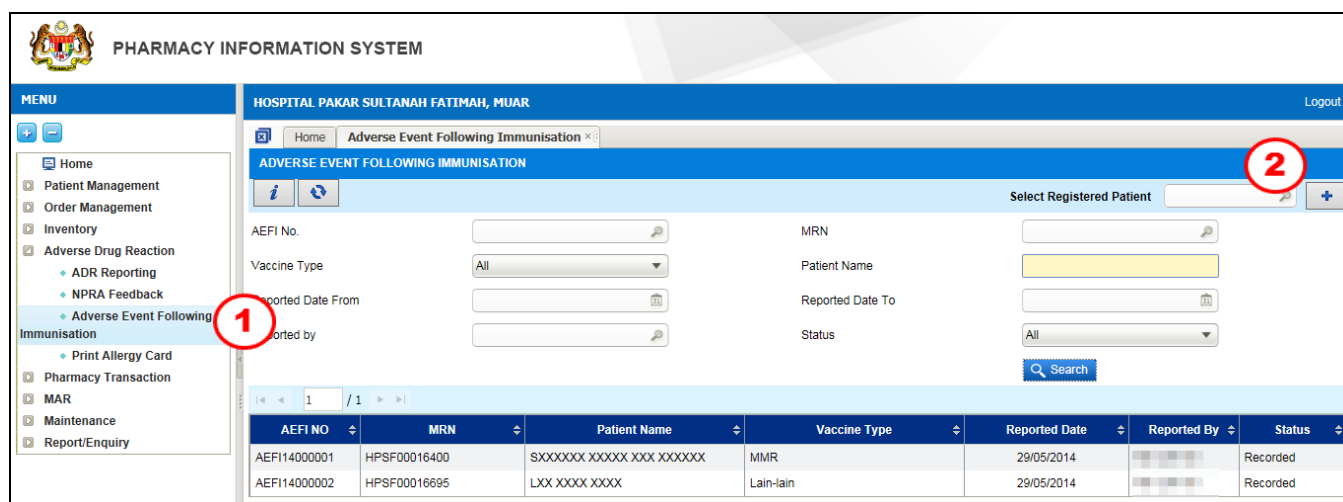
Figure 3.2-5 Confirmation Message

Note

Click on the  button so save the record

3.3 Adverse Event Following Immunization

The function of this menu is to record any vaccine reaction of the patient



PHARMACY INFORMATION SYSTEM

HOSPITAL PAKAR SULTANAH FATIMAH, MUAR Logout

Home Adverse Event Following Immunisation

ADVERSE EVENT FOLLOWING IMMUNISATION

Select Registered Patient [Dropdown] +

AEFI No. [Text] MRN [Text]

Vaccine Type [Dropdown: All] Patient Name [Text]

Reported Date From [Text] Reported Date To [Text]

Reported by [Text] Status [Dropdown: All]

[Search]

AEFI NO	MRN	Patient Name	Vaccine Type	Reported Date	Reported By	Status
AEFI14000001	HPSF00016400	SXXXXXX XXXXX XXX XXXXXX	MMR	29/05/2014		Recorded
AEFI14000002	HPSF00016695	LXX XXXX XXXX	Lain-lain	29/05/2014		Recorded

Figure 3.3-1 Adverse Event Following Immunisation Listing Page

Note

Search for AEFI record by below criteria:-

No	Field	Description	Remark
a	AEFI No	–	Allow to search record by full or partial AEFI No
b	MRN	Patient MRN	Allow to search patient by full or partial MRN No
c	Vaccine Type	- All - Diphtheria/Tetanus/Pertussis - Diphtheria/Tetanus/Pertussis/Poliomyelitis - Hepatitis B - Human Papillomavirus (HPV) - Lain-lain - MMR	- All – Allow to search from criteria Diphtheria/Tetanus/Pertussis until MMR - Diphtheria/Tetanus/Pertussis – Allow to search Diphtheria/Tetanus/Pertussis vaccine type - Diphtheria/Tetanus/Pertussis/Poliomyelitis-Allow to search Diphtheria/Tetanus/ Pertussis/ Poliomyelitis vaccine type - Hepatitis B – Allow to search Hepatitis B vaccine type - Human Papillomavirus (HPV) - Allow to search Human Papillomavirus (HPV) vaccine type - Lain-lain – Allow to search vaccine which not classified - MMR – Allow to search MMR vaccine type
d	Reported Date From	–	Allow to search date before current date
e	Reported Date To	–	Allow to search date later than date on Reported Date From field
f	Reported By	User Login Name	Allow to search by full or partial User Login Name
g	Status	- All - Recorded - Submitted	- All - Allow to search record by status Recorded and Submitted - Recorded - Allow to search for records that are saved but not yet confirmed - Submitted - Allow to search for records that are saved and confirmed

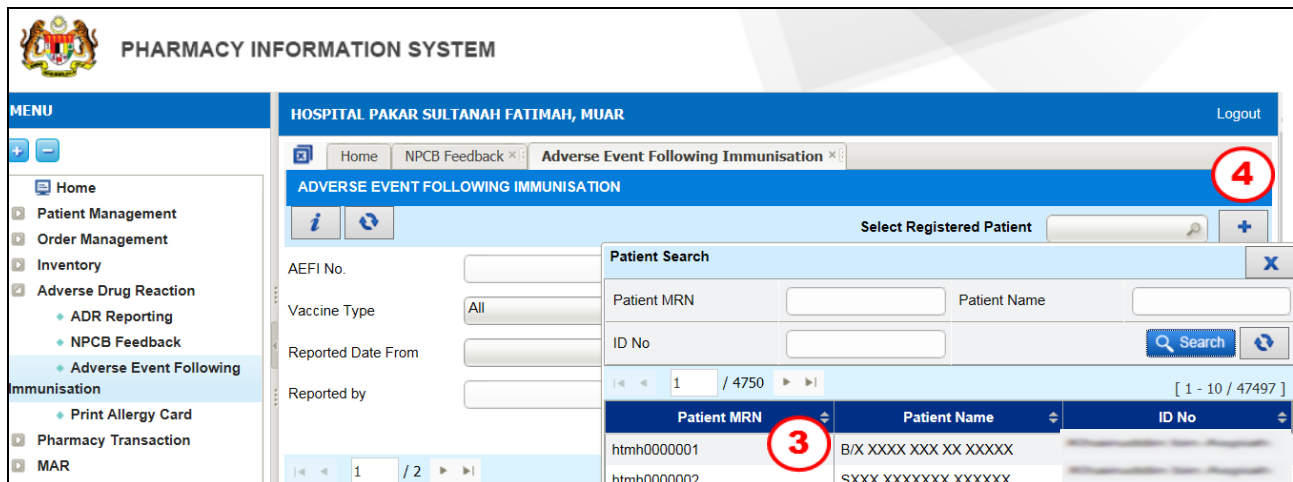
Table 3.3

STEP 1

Select 'Adverse Drug Reaction' menu follow by 'Adverse Event Following Immunisation' sub menu

STEP 2

Click on the  button to create new patient record



PHARMACY INFORMATION SYSTEM

HOSPITAL PAKAR SULTANAH FATIMAH, MUAR Logout

Home NPCB Feedback Adverse Event Following Immunisation

ADVERSE EVENT FOLLOWING IMMUNISATION

Select Registered Patient 

AEFI No. Vaccine Type All Reported Date From Reported by

Patient Search

Patient MRN Patient Name ID No

Search

1 / 4750 [1 - 10 / 47497]

Patient MRN	Patient Name	ID No
htmh0000001	B/X XXXX XXX XX XXXXX	
htmh0000002	SXXX XXXXXXX XXXXXX	

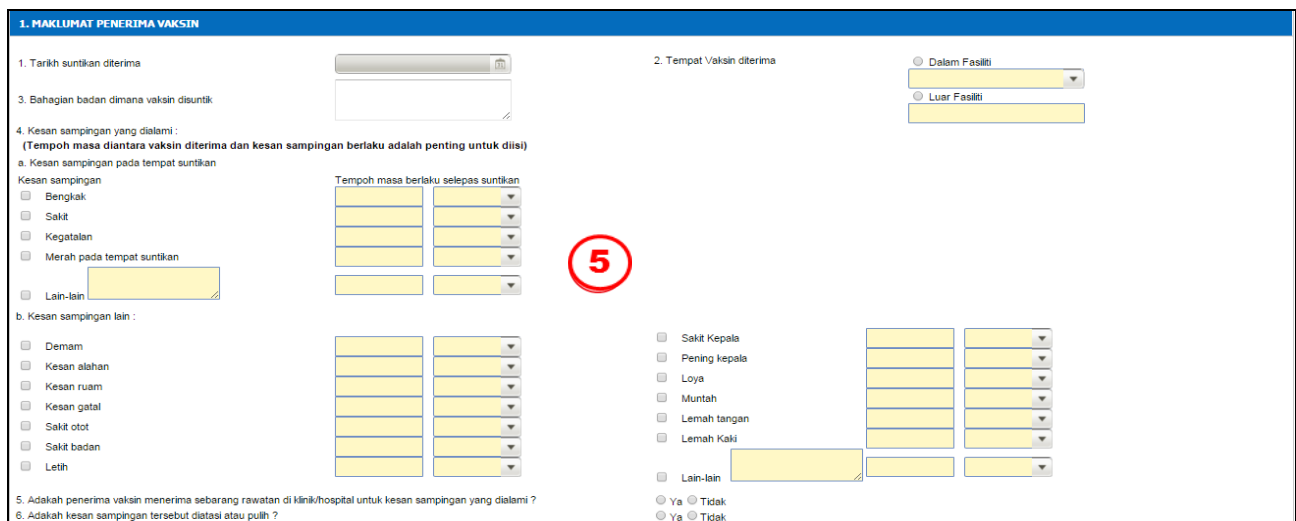
Figure 3.3-2 Select Registered Patient

STEP 3

Select patient record

STEP 4

Click on the  button to begin recording Adverse Event Following Immunisation for the selected MRN



1. MAKLUMAT PENERIMA VAKSIN

1. Tarikh suntikan diterima

2. Tempat Vaksin diterima

3. Bahagian badan dimana vaksin disuntik

4. Kesan sampingan yang dialami :
(Tempoh masa diantara vaksin diterima dan kesan sampingan berlaku adalah penting untuk diisi)

a. Kesan sampingan pada tempat suntikan

Kesan sampingan

Tempoh masa berlaku selepas suntikan

Bengkak Sakit Kegatalan Merah pada tempat suntikan Lain-lain

b. Kesan sampingan lain :

Demam Kesan alahan Kesan ruam Kesan gatal Sakit otot Sakit badan Letih

Sakit Kepala Pening kepala Loya Muntah Lemah tangan Lemah Kaki Lain-lain

5. Adakah penerima vaksin menerima sebarang rawatan di klinik/hospital untuk kesan sampingan yang dialami ?

6. Adakah kesan sampingan tersebut diatasi atau pulih ?

Figure 3.3-3 Maklumat Penerima Vaksin

STEP 5

Enter the information in Maklumat Penerima Vaksin section based on 6 main question if applicable:

1. Tarikh suntikan diterima
2. Tempat Vaksin diterima
3. Bahagian badan dimana vaksin disuntik
4. Kesan sampingan yang dialami
5. Adakah penerima vaksin menerima sebarang rawatan di klinik/hospital untuk kesan sampingan yang dialami

6. Adakah kesan sampingan tersebut diatasi atau pulih

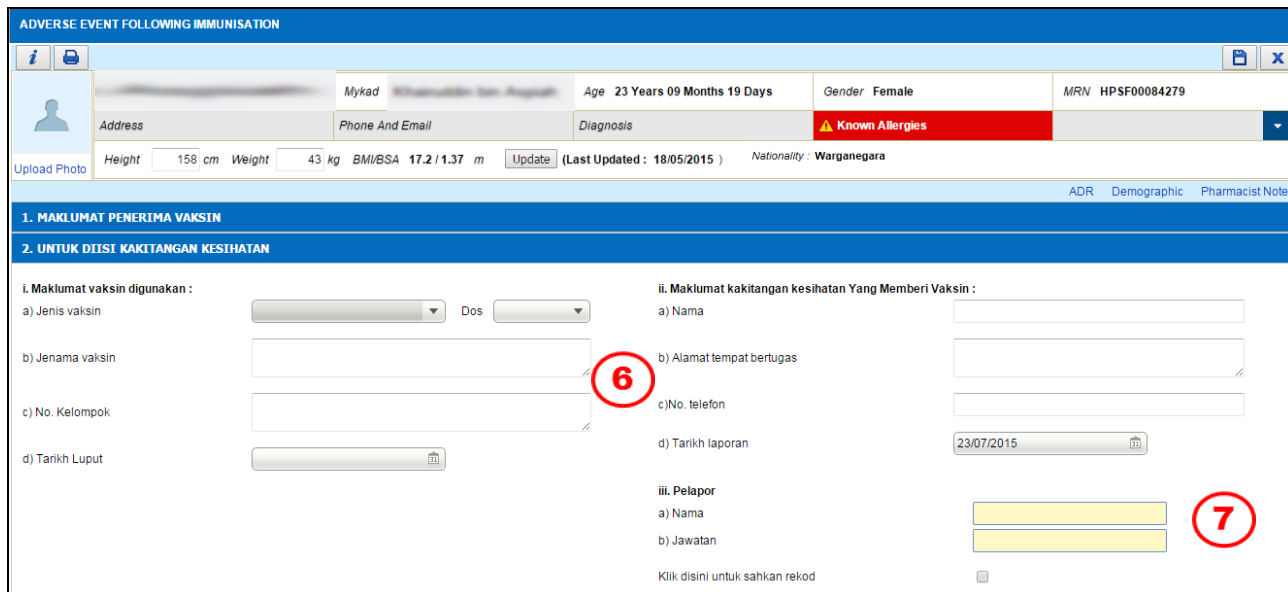


Figure 3.3-4 Untuk Diisi Kakitangan Kesihatan

STEP 6

Enter the information in Diisi Kakitangan Kesihatan section based on 2 sub sections below:

- i. Maklumat vaksin digunakan
 - a) Jenis vaksin
 - b) Jenama vaksin
 - c) No Kelompok
 - d) Tarikh Luput
- ii. Maklumat kakitangan kesihatan Yang Memberi Vaksin
 - a) Nama
 - b) Alamat tempat bertugas
 - c) No telefon
 - d) Tarikh Laporan

STEP 7

Click on the checkbox 'Click here to confirm the record' to complete the report

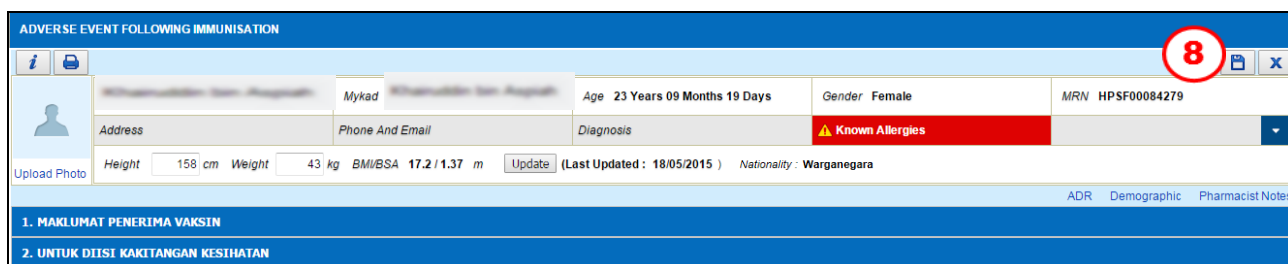


Figure 3.3-5 Save Record

STEP 8

Click on the  button to save all the information

Note

- Click on the  button to print the Report as Figure 3.3-6
- Click on the  button to close the transaction



BORANG PEMANTAUAN KESAN SAMPINGAN RINGAN SELEPAS PELALIAN
(Untuk Diisi Oleh Penerima Vaksin/Waris)

Pindaan-3

Pada kebiasaannya suntikan vaksin tidak menyebabkan kesan sampingan. Walau bagaimana pun sekiranya anda atau orang yang berada di bawah jagaan anda mengalami kesan sampingan selepas mendapat suntikan pelalian sila isi borang ini dan kembalikan kepada kakitangan institusi kesihatan tempat vaksin diterima.

Nama klinik/sekolah/lain-lain tempat dimana vaksin Hospital Pakar Sultanah Fatimah, Muar

1. Maklumat Penerima Vaksin :-

a) Nama :

b) Umur : 31 Years 09 Months 15 Days e) No. Tel :

c) Jantina : ☒ Lelaki ☐ Perempuan f) Bangsa: ☐ Melayu ☐ Cina ☐ India Lain-lain, Nyatakan :

d) Alamat rumah : Hospital Pakar Sultanah Fatimah, Muar

2. Tarikh suntikan diterima : 03/08/2017 3. Bahagian badan dimana vaksin disuntik : arm

4. Kesan Sampingan yang dialami :-

(Tempoh masa diantara vaksin diterima dan kesan sampingan berlaku adalah penting untuk diisi)

Kesan Sampingan	Tandakan	✓ jika berkaitan	Tempoh masa diantara vaksin diterima dan kesan sampingan berlaku (*potong yang tidak berkaitan)
a. Kesan pada tempat suntikan :			
i) Bengkak		☒	10 Minit
ii) Sakit		☐	
iii) Kegatalan		☐	
iv) Merah pada tempat suntikan		☐	
v) Lain-lain (nyatakan)		☐	
b. Demam		☒	10 Minit
c. Kesan alahan/ruam/gatal*		☐	- / - / -

Figure 3.3-6 Report

3.4 Print Allergy Card

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

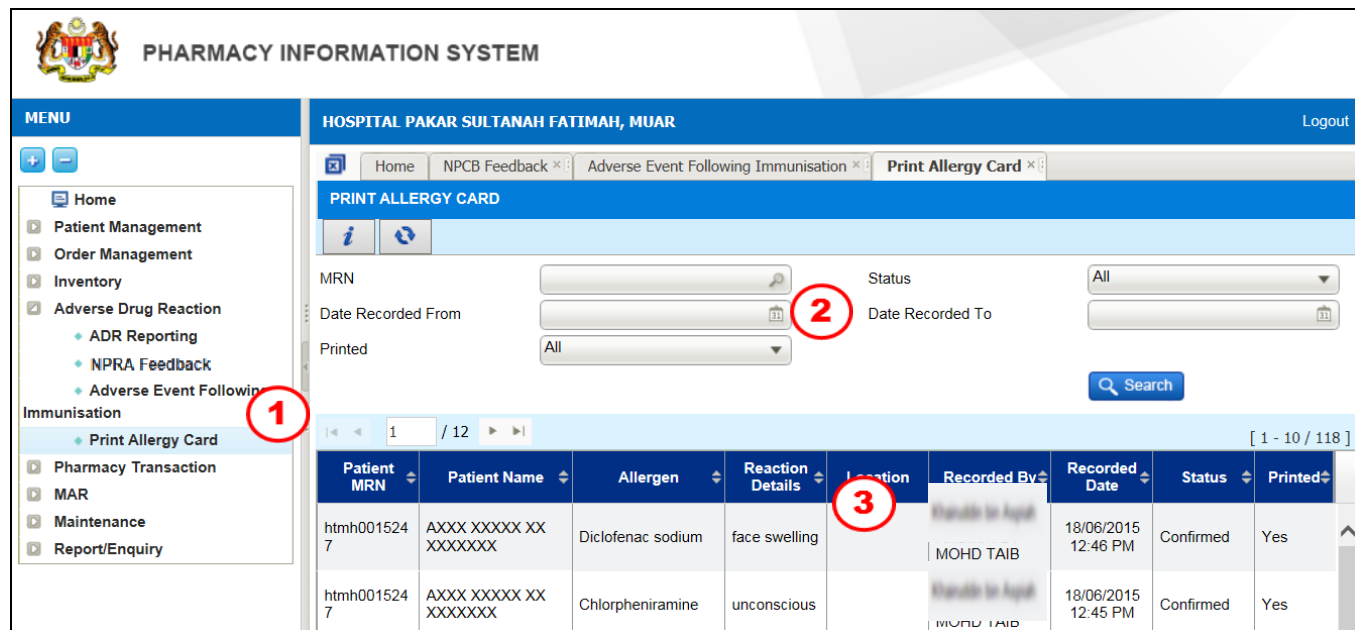


Figure 3.4-1 Print Allergy Card Listing Page

STEP 1

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

STEP 2

Search for the patient by below criteria:

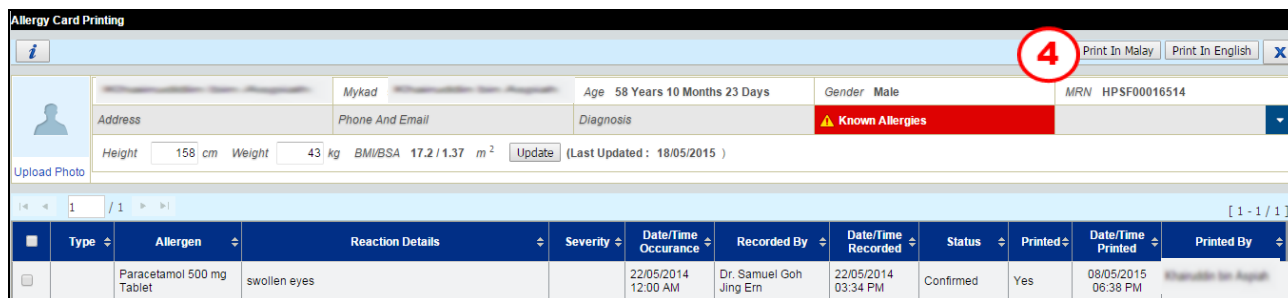
No	Field	Description	Remark
a	MRN	Patient MRN	Allow to search patient by full or partial MRN No
b	Status	- All - Confirmed - Pending for Confirmation - To Print	- All - Allow to search records by status Confirmed, Pending for Confirmation and To Print - Confirmed - Allow to search records of patients 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 3.4-1

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 3.4-1



Type	Allergen	Reaction Details	Severity	Date/Time Occurrence	Recorded By	Date/Time Recorded	Status	Printed	Date/Time Printed	Printed By
☐	Paracetamol 500 mg Tablet	swollen eyes		22/05/2014 12:00 AM	Dr. Samuel Goh Jing Em	22/05/2014 03:34 PM	Confirmed	Yes	08/05/2015 06:38 PM	Shaharudin bin Asyraf

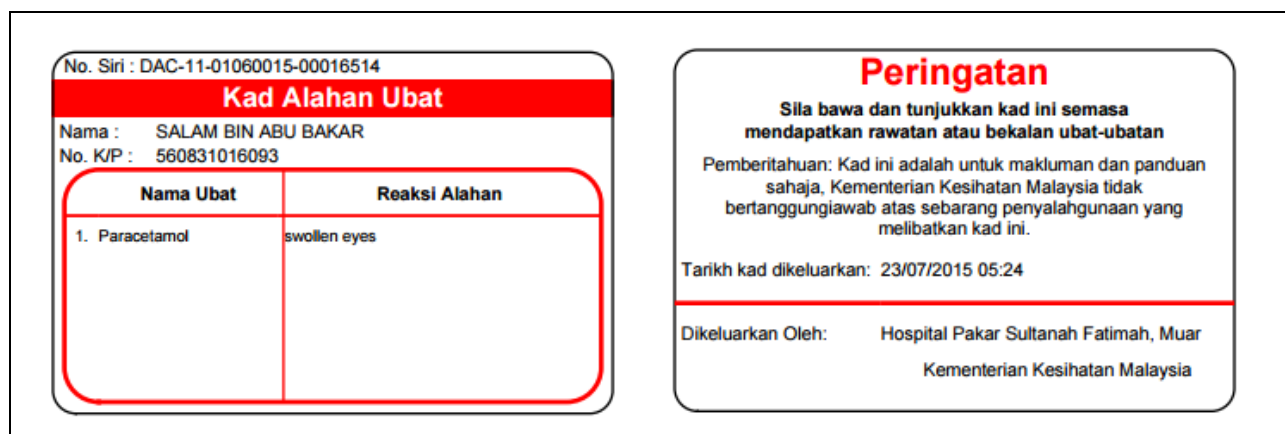
Figure 3.4-2 Selected Patient

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

System will display as shown in Figure 3.4-3.

Note

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



No. Siri : DAC-11-01060015-00016514

Kad Alahan Ubat

Nama : SALAM BIN ABU BAKAR
No. K/P : 560831016093

Nama Ubat	Reaksi Alahan
1. Paracetamol	swollen eyes

Peringatan

Sila bawa dan tunjukkan kad ini semasa mendapatkan rawatan atau bekalan ubat-ubatan

Pemberitahuan: Kad ini adalah untuk makluman dan panduan sahaja, Kementerian Kesihatan Malaysia tidak bertanggungjawab atas sebarang penyalahgunaan yang melibatkan kad ini.

Tarikh kad dikeluarkan: 23/07/2015 05:24

Dikeluarkan Oleh: Hospital Pakar Sultanah Fatimah, Muar
Kementerian Kesihatan Malaysia

Figure 3.4-3 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		