



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

Pharmacy Based

**User Manual
Ward Pharmacy**

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Document ID	: PB_U. MANUAL_WARD_PHARMACY

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1.4	Juridah/Michelle (QA)	Change to latest update and screenshot version 1.4.1
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1.0 Introduction

1.1 Overview of PhIS

Pharmacy Information System or better known as PhIS, is a complete and comprehensive system that integrates pharmacy related services geared towards pharmacy excellence. PhIS implementation would transform most of current manual process to electronic system would 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 Ward Pharmacy sub-module and its key features and functionalities. The primary objective is to help guide user through the process of completing PhIS application process.

User will understand the following activities in details:

- Ward Pharmacy CP2
- Ward Pharmacy CP1
- Ward Pharmacy CP4
- Pharmaceutical Care Issue
- Lab Parameter



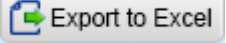
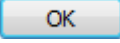




1.3 Organised Sections

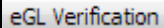



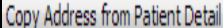



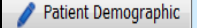
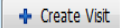
These are the sections within this document:

- Section 1: Introduction
- Section 2: Application Standard Features
- Section 3: Ward Pharmacy
- 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		Show Help
	Display Home Tab		Search Record
	Cancel		Dropdown Box
	Search Icon		Mandatory Field
	Edit Record		Empty Text Box
	Cancel Button		

Patient Management Module Legend			
	Electronic Government Guarantee Letter (eGL) Verification		Merge Patient's Record
	Print Patient Label		Renew Visit
	Copy Patient Address		View Visit List
	Print Patient Sample Label		New Patient Transfer
	Edit Patient Demographic		Create Visit

Note

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

2.2 Latest Enhancement and Updates

Latest Functions	Page
Removed case review function in ward pharmacy screen, ward pharmacy listing screen and ward pharmacy reports.	All related screens

3.0 Ward Pharmacy

Overview

The Ward Pharmacy module include Implementing safe and organized CP2 form, CP1 form, CP4 form, Pharmaceutical Care Issue (PCI) and lab result reporting

User Group

This module is intended for pharmacist

Functional Diagram

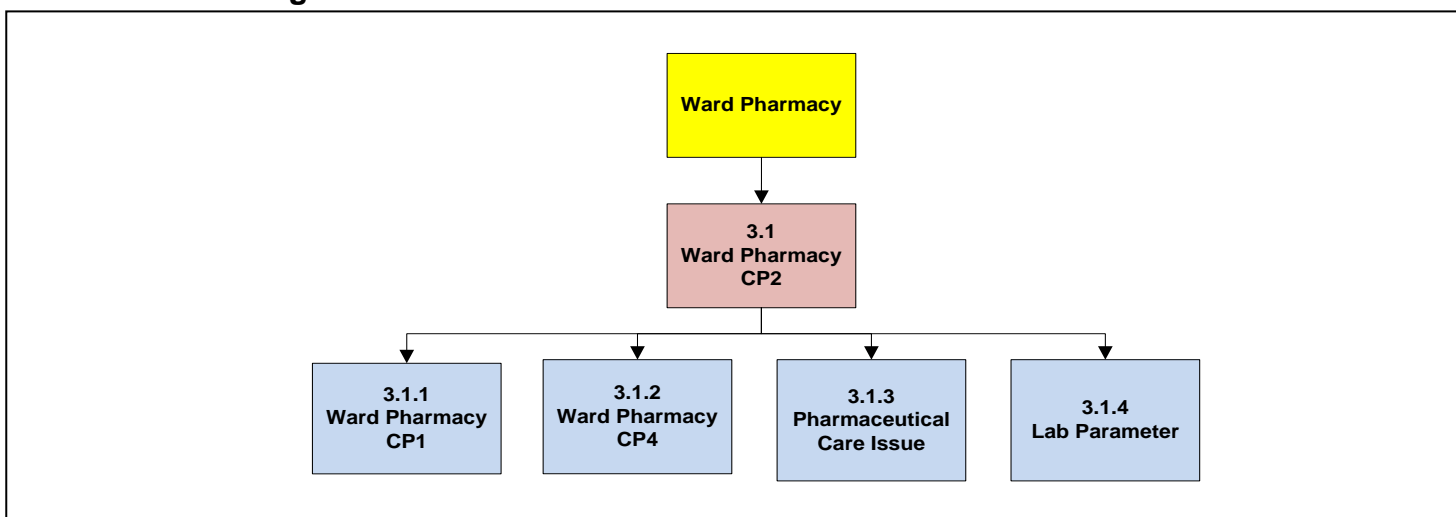


Figure 3..0-1

Functional Description

Ward Pharmacy comprises of four (4) main functions:

- **Ward Pharmacy CP2**

The functions of this menu are as the pharmacotherapy review form to record all findings, suggestions and intervention performed pertaining to PCI's during case clerking / reviewing.

- **Ward Pharmacy CP1**

This function of this menu is to record complete medication history within 24 hours of admission.

- **Ward Pharmacy CP4**

This function of this menu is to record a discharge referral note who require continuity of care in other healthcare setting.

- **Pharmaceutical Care Issue**

The function of this menu is to record any intervention made by pharmacist during pharmacist ward round.

- **Lab Parameter**

The function of this menu is to record lab result into the system.

3.1 Ward Pharmacy CP2

3.1.1 Ward Pharmacy CP2

This function is used to transcribe CP2 form record in the system

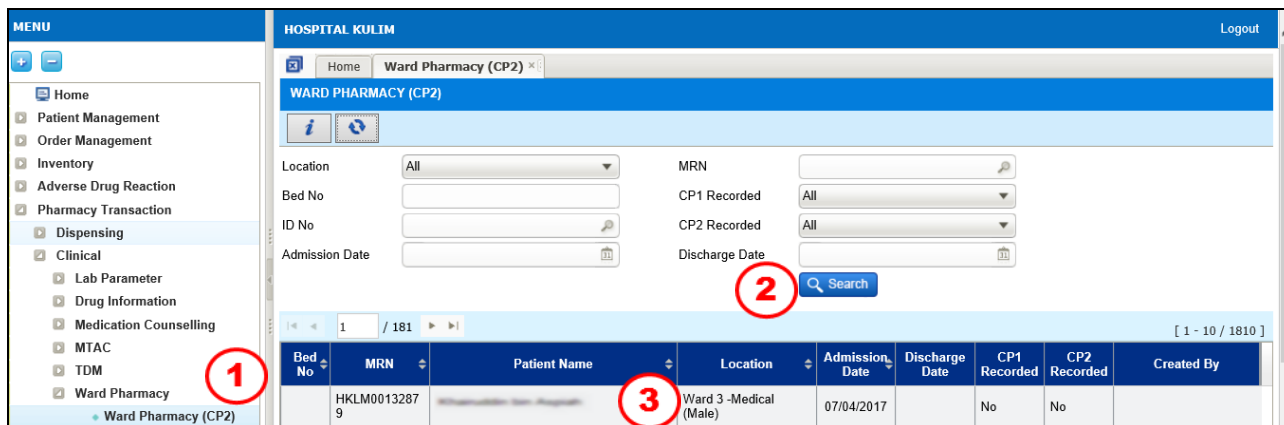


Figure 3.1.1-1 Ward Pharmacy Listing Page

Note

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

This function is used to register new patients

STEP 1

Click on Pharmacy Transaction menu then click on Ward Pharmacy CP2 sub menu.

STEP 2

Select any of search criteria to search the patient record

- **Location**
- **MRN**
- **Bed No**
- **CP1 Recorded**
- **ID No**
- **CP2 Recorded**
- **Admission Date**
- **Discharged Date**

then click on  button

Note

If CP1 and CP2 already recorded for the particular patient, the listing will show Yes for both line.

STEP 3

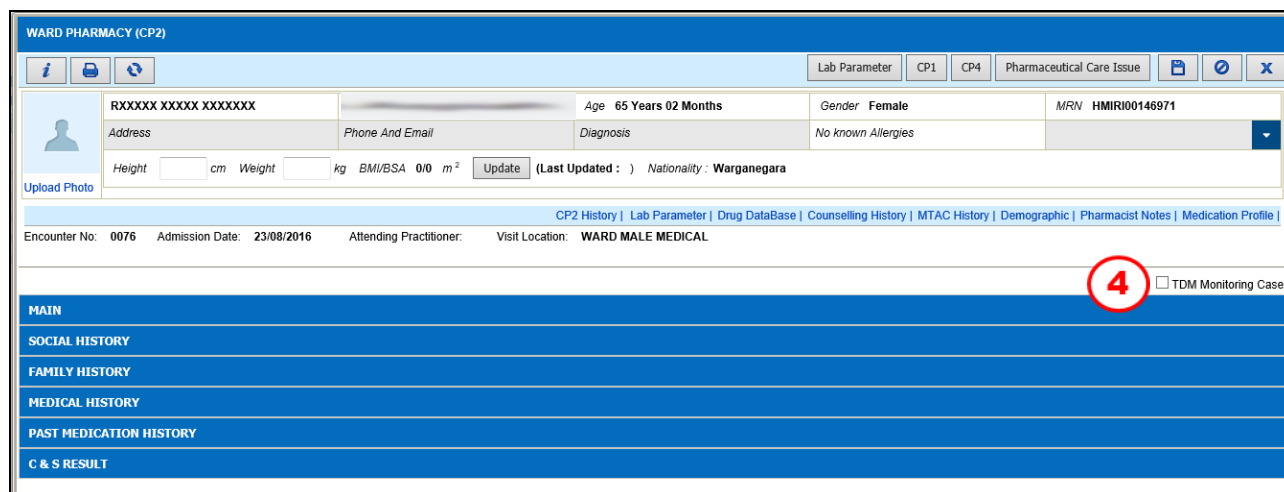
Double click on patient name and user will enter the ward pharmacy CP2 function

Note

Search Ward Pharmacy record based :-

Search			
No	Field	Description	Remark
a	Location	Location	Allow to search by assigned location
b	MRN	Patient MRN	Allow to search by patient full or partial MRN No
c	Bed No	Bed No	Allow to search by patient bed no
d	ID No	ID No	Allow to search by patient full or partial ID No
e	CP1 Recorded?	<ul style="list-style-type: none"> All Yes No 	All-Allow to search by status 'Yes' and 'No' Yes-Allow to search by status 'Yes' No-Allow to search by status 'No'
f	CP2 Recorded?	<ul style="list-style-type: none"> All Yes No 	All-Allow to search by status 'Yes' and 'No' Yes-Allow to search by status 'Yes' No-Allow to search by status 'No'
g	Admission Date	Date Enter Ward	Allow to search by date enter to ward
h	Discharged Date	Date Dismissed from Ward	Allow to search by date dismissed from ward

Table 3.1.1-1



The screenshot shows the 'WARD PHARMACY (CP2)' interface. At the top, there are tabs for 'Lab Parameter', 'CP1', 'CP4', and 'Pharmaceutical Care Issue'. Below this is a patient information banner with fields for 'Address', 'Phone And Email', 'Diagnosis', 'No known Allergies', 'Height', 'Weight', 'BMI/BSA', and 'Nationality'. A red circle with the number '4' is positioned over the 'TDM Monitoring Case' checkbox. The sidebar on the left contains a list of menu items: 'MAIN', 'SOCIAL HISTORY', 'FAMILY HISTORY', 'MEDICAL HISTORY', 'PAST MEDICATION HISTORY', and 'C & S RESULT'.

Figure 3.1.1-2 Ward Pharmacy CP2

STEP 4

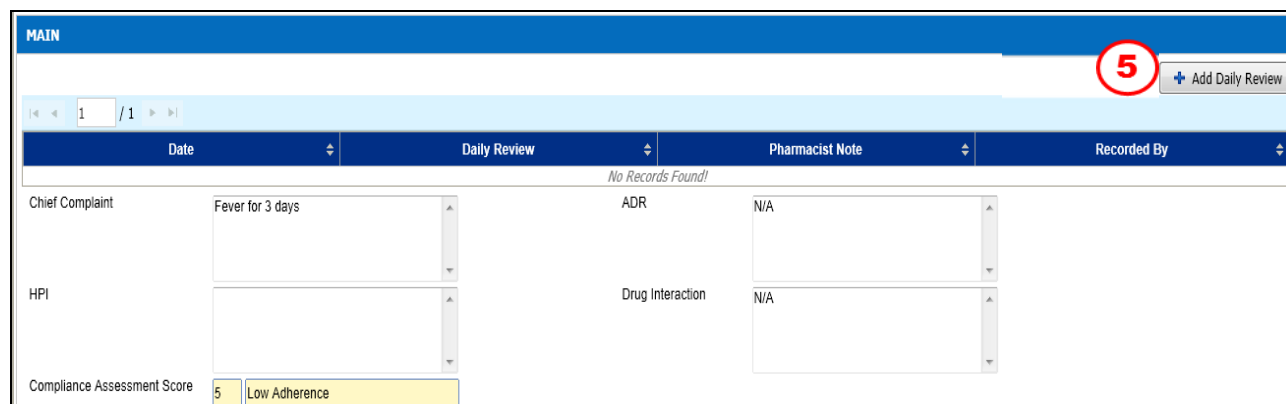
Select on **TDM Monitoring Case** checkbox if applicable

Note

- Ward Pharmacy CP2 consist of selection
 - Main
 - Social History
 - Family History
 - Medical History
 - Past Medication History
 - C & S Result
- Once click on the selected patient name, the summary of patient information will be displayed in the patient banner. The patient banner will be displayed at the specific screen which is required patient information. Patient banner will be consist of below patient information:

Description	Remarks
<i>Patient banner</i>	<ul style="list-style-type: none"> a. Patient Name b. Patient Address c. Patient IC Number d. Patient Phone and Email e. Patient Diagnosis f. Patient Age g. Patient Allergy h. Patient Gender i. Patient MRN
<i>Patient clinical information -Hyperlink</i>	<ul style="list-style-type: none"> a. CP2 History <ul style="list-style-type: none"> - History of CP2 recorded on patient b. Lab Parameter <ul style="list-style-type: none"> - Patient's lab result c. Drug Database <ul style="list-style-type: none"> - Hyperlink to MIMS website d. Counselling History <ul style="list-style-type: none"> - Medication Counselling records e. MTAC History <ul style="list-style-type: none"> - History of patient's MTAC session f. Demographic <ul style="list-style-type: none"> - Patient's demographic g. Pharmacist Notes <ul style="list-style-type: none"> - Notes for MTAC, Ward Pharmacy and TDM h. Medication Profile <ul style="list-style-type: none"> - Patient's current and previous medication history
<i>Current visit Information</i>	<ul style="list-style-type: none"> a. Encounter No b. Admission Date c. Attending practitioner d. Visit location e. Room No / Bed No

Table 3.1.1-2




MAIN

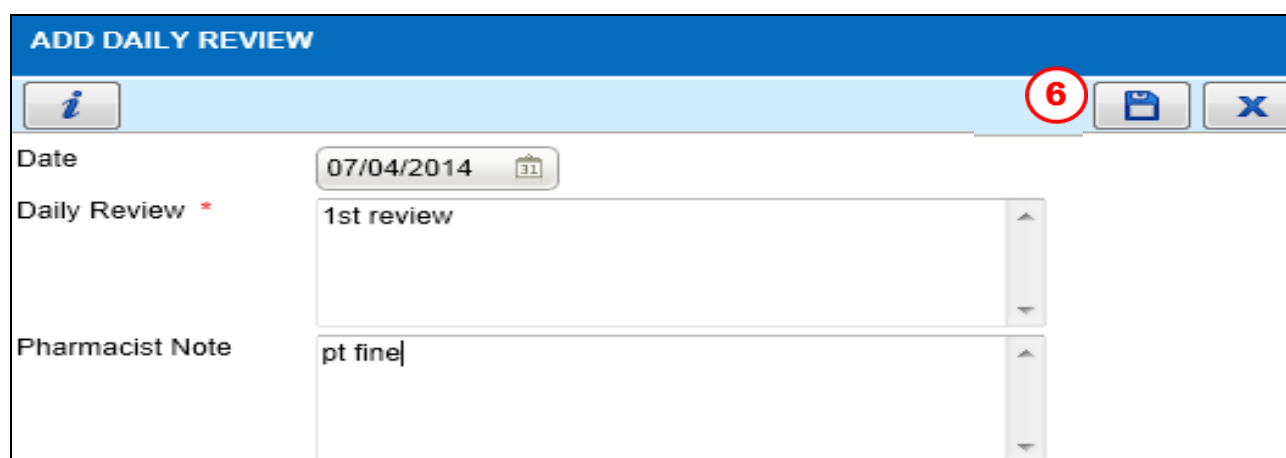
1 / 1

Date	Daily Review	Pharmacist Note	Recorded By
No Records Found!			
Chief Complaint	Fever for 3 days	ADR	N/A
HPI		Drug Interaction	N/A
Compliance Assessment Score	5 Low Adherence		




Figure 3.1.1-3 Ward Pharmacy CP2

STEP 5

Click on  then enter the information as display on Figure 3.1.1-3



ADD DAILY REVIEW

Date: 07/04/2014

Daily Review *: 1st review

Pharmacist Note: pt fine

Figure 3.1.1-4 Add Daily Review

STEP 6

Click on the  button to save the record

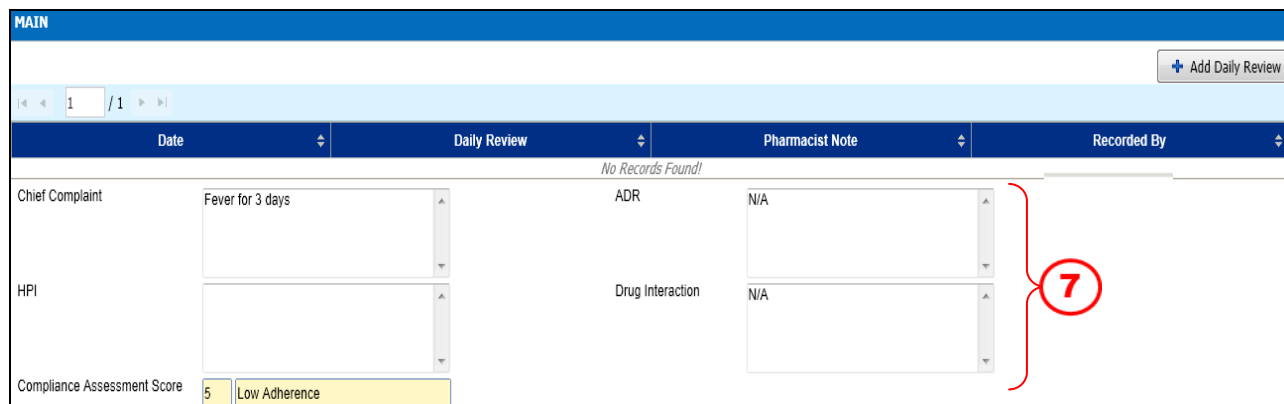


Figure 3.1.1-5 Main Section

STEP 7

Enter the necessary information in Main section. As shown in Figure 3.1.1-5 :

- Chief Complaint
- HPI
- Compliance Assessment Score
- ADR
- Drug Interaction

Note

Compliance Assessment Score data is retrieve from Morisky Scale in CP1 function.

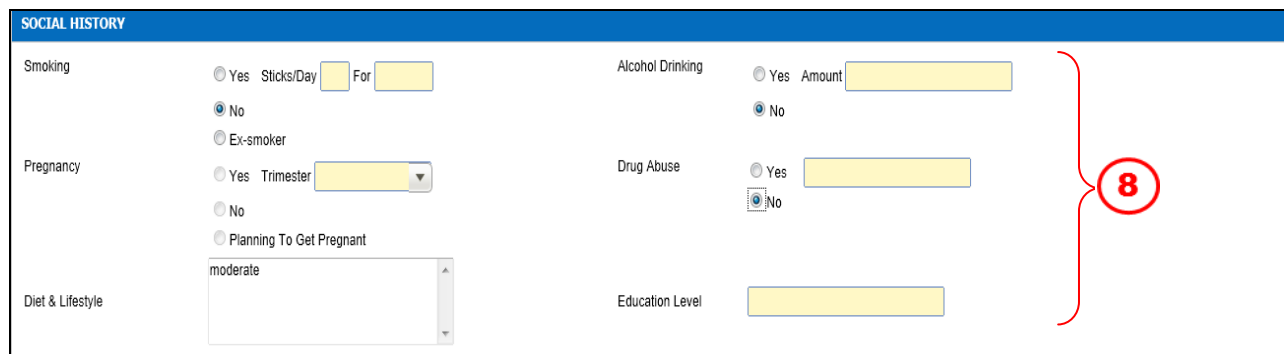


Figure 3.1.1-6 Social History

STEP 8

Enter the necessary information in Social History section. Social History section consist of:

- Smoking
- Pregnancy
- Diet & Lifestyle
- Alcohol Drinking
- Drug Abuse

Note

- Pregnancy** field is disable if the patient gender is male.
- Education** is retrieved from **Patient Registration** function.

FAMILY HISTORY	
Marital Status	<input type="text"/>
No. Of Children	<input type="text"/>
Lives With	<input type="text" value="Alone"/>
Family History Of Illness	<input type="text" value="diabetic"/>

Figure 3.1.1-7 Family History

STEP 9

Fill in the necessary information in Family History section. Family History section consist of :

- Martial Status**
- No Of Children**
- Lives With**
- Family History Of Illness**

Note

Information in Martial Status is available if information is filled during patient registration function.

MEDICAL HISTORY	
Co-morbidity	<input type="text" value="Diabetes / Hypertension"/>
Diagnostic Test	<input type="text" value="N/A"/>
X-Ray	<input type="text" value="N/A"/>
BMD	<input type="text" value="N/A"/>
Echo	<input type="text" value="N/A"/>
CT Scan	<input type="text" value="N/A"/>
MRI	<input type="text" value="N/A"/>
Surgical History	<input checked="" type="radio" value="No"/> Yes <input type="text" value=""/>
Doppler Test	<input type="text" value="N/A"/>
Mantoux Test	<input type="text" value="N/A"/>
Bone Marker	<input type="text" value="N/A"/>
OGDS	<input type="text" value="N/A"/>
Others	<input type="text" value=""/>

Figure 3.1.1-8 Medical History

STEP 10

Enter the necessary information in Medical History section. Medical History section consist of :


- Co-morbidity**
- Surgical History**
- X-Ray**
- BMD**
- Echo**
- CT Scan**
- MRI**
- Doppler test**
- Mantoux Test**
- Bone Marker**
- OGDS**
- Others**

PAST MEDICATION HISTORY			
Prescription Medication			
1 / 1			
Drug	Dosage	Frequency	Remarks
Paracetamol 500 mg Tablet	250	TDS	
Non Prescription Medication			
1 / 1			
Non-Prescription Medication(Includes Herbal/Vitamin/Other Supplements)	Balance/Comments	Source Of Medication	Reason For Taking
Shaklee	Supplement	Guardian	

Figure 3.1.1-9 Past Medication History

Note

Past Medication History consist of:

- Prescription Medication.
- Non Prescription Medication.
- However this field cannot be filling and need to be fill in  form function.

C & S RESULT					
1 / 1					
Date	Date (Sampling)	Source/Sample Type	Micro-organism	Sensitivity	Resistant
07/04/2014	04/04/2014	Blood	N/A		

Figure 3.1.1-10 Add C & S Result





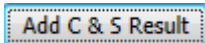

C & S RESULT			
   			
Date	07/04/2014	Micro-organism	N/A
Date (Sampling)	04/04/2014	Sensitivity	
Source/Sample Type	Blood	Resistant	

Figure 3.1.1-11 New C & S Result

STEP 11

Click on the  button. Fill in the information as shown in Figure 3.1.1-11. Click on the  button to save the record.

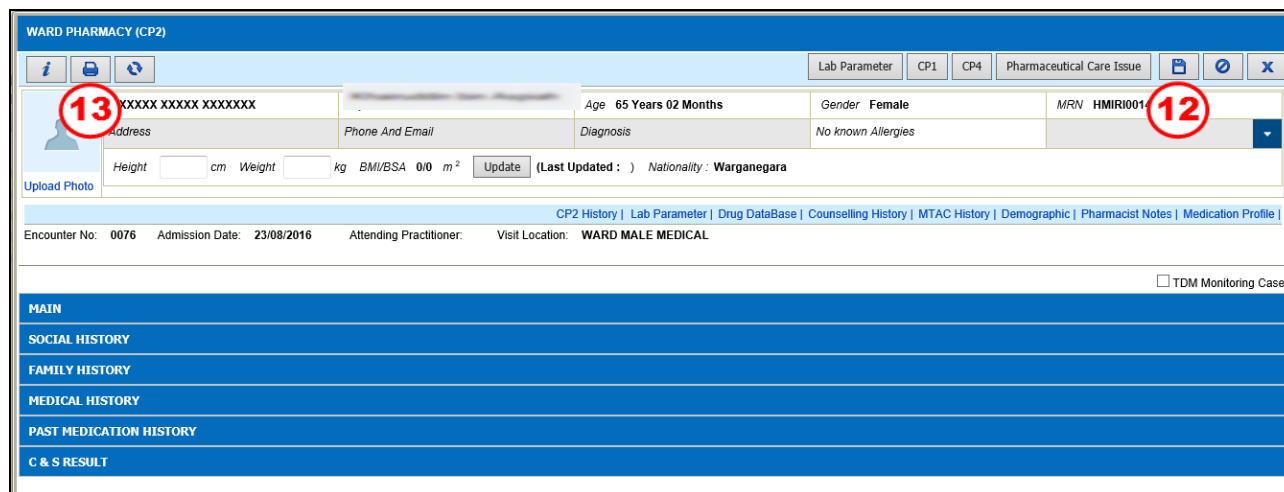



Figure 3.1.1-12 Save and Print CP2

STEP 12

Click on the  button to save CP2 form

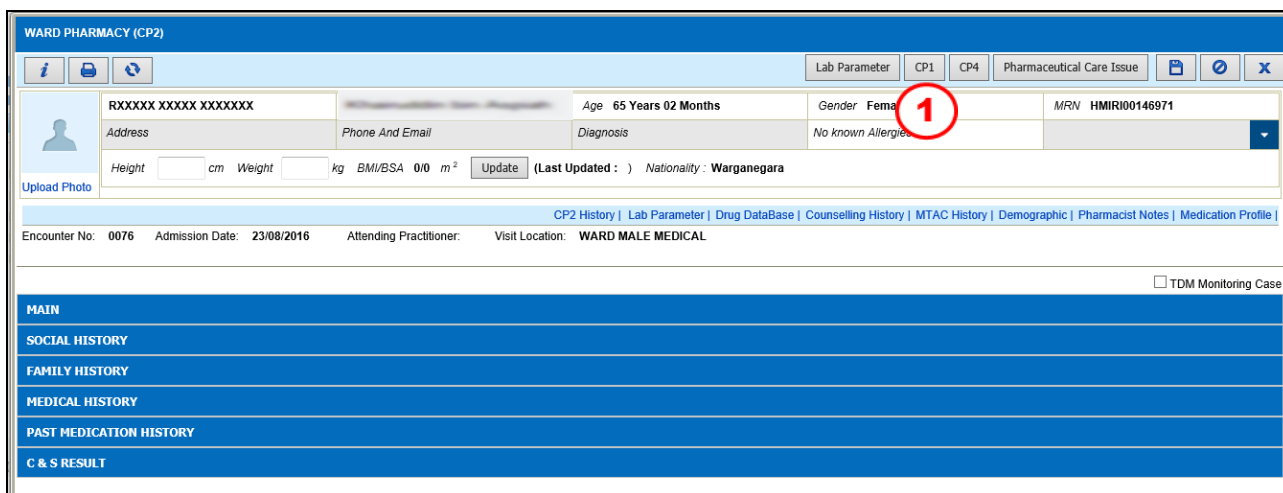
STEP 13

Click on the  button to print CP2 form as shown at Figure 3.1.1-12

3.2 Ward Pharmacy CP1

3.2.1 Ward Pharmacy CP1 Reporting

The function of this menu is to record a complete patient medication history within 24 hours of admission



WARD PHARMACY (CP2)

Lab Parameter CP1 CP4 Pharmaceutical Care Issue

RXXXXX XXXXXX XXXXXXXX Age 65 Years 02 Months Gender Female MRN HMIR00146971

Address Phone And Email Diagnosis No known Allergies

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

CP2 History | Lab Parameter | Drug DataBase | Counselling History | MTAC History | Demographic | Pharmacist Notes | Medication Profile

Encounter No: 0076 Admission Date: 23/08/2016 Attending Practitioner: Visit Location: WARD MALE MEDICAL

☐ TDM Monitoring Case

MAIN

SOCIAL HISTORY

FAMILY HISTORY

MEDICAL HISTORY

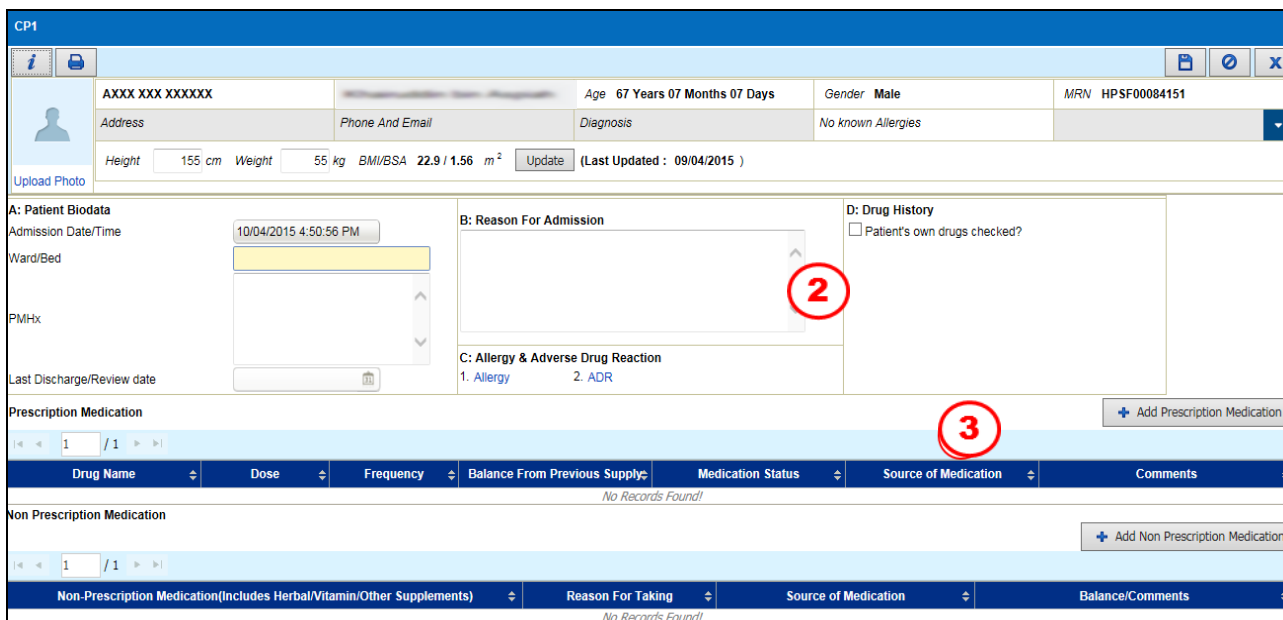
PAST MEDICATION HISTORY

C & S RESULT

Figure 3.2.1-1 CP1 Button

STEP 1

Click on the **CP1** button in CP1 screen to enter CP1 screen



CP1

XXXX XXX XXXXXXXX Age 67 Years 07 Months 07 Days Gender Male MRN HPSF00084151

Address Phone And Email Diagnosis No known Allergies

Height 155 cm Weight 55 kg BMI/BSA 22.9 / 1.56 m² Update (Last Updated : 09/04/2015)

A: Patient Biodata

Admission Date/Time 10/04/2015 4:50:56 PM

Ward/Bed

PMHx

Last Discharge/Review date

B: Reason For Admission

C: Allergy & Adverse Drug Reaction

1. Allergy 2. ADR

D: Drug History

☐ Patient's own drugs checked?

Prescription Medication

+ Add Prescription Medication

Drug Name	Dose	Frequency	Balance From Previous Supply	Medication Status	Source of Medication	Comments
No Records Found!						

Non Prescription Medication

+ Add Non Prescription Medication

Non-Prescription Medication(Includes Herbal/Vitamin/Other Supplements)	Reason For Taking	Source of Medication	Balance/Comments
No Records Found!			

Figure 3.2.1-2 CP1

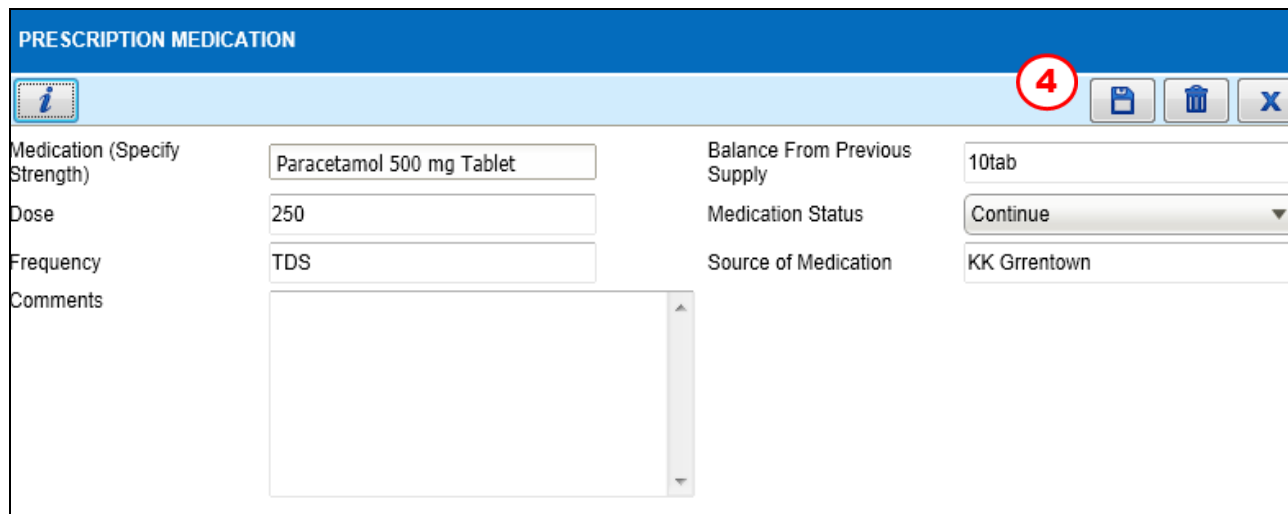
STEP 2

Enter the necessary information in the form. The fields are:

- Reason for admission
- Last Discharge/ Review Date
- Patient own drug checked

STEP 3

Click on the  button to enter the information as Figure 3.2.1-3.







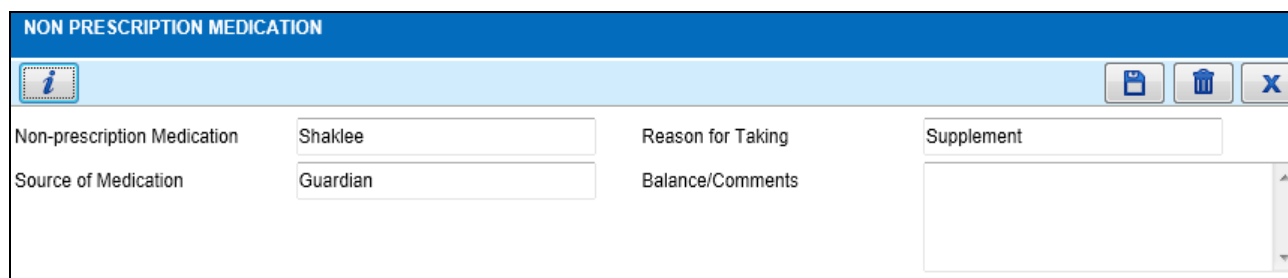
PRESCRIPTION MEDICATION			
<div>  4 <div>    </div> </div>			
Medication (Specify Strength)	Paracetamol 500 mg Tablet	Balance From Previous Supply	10tab
Dose	250	Medication Status	Continue
Frequency	TDS	Source of Medication	KK Grentown
Comments			

Figure 3.2.1-3 Prescription Medication








NON PRESCRIPTION MEDICATION			
<div>  <div>    </div> </div>			
Non-prescription Medication	Shaklee	Reason for Taking	Supplement
Source of Medication	Guardian	Balance/Comments	

Figure 3.2.1-4 Non Prescription Medication


STEP 4

Click on the  button to save the record

Note

- Repeat step 3 and step 4 
- To edit the data in Prescription Medication and Non Prescription Medication dialog box, user need to double click on the data then insert new data by overwrite the old data.

Compliance Assessment


Malay

Note : Please tick if yes, leave untick if no.

Patient's Report (Morisky Scale)

☐ 1. Do you sometimes forget to take your pills?
 ☐ 2. People sometimes miss taking medications for reasons other than forgetting. Thinking over the past two weeks, were there any days when you did not take your medicine?
 ☐ 3. Have you ever cut back or stopped taking your medication without telling your doctor because you felt worse when you took it?
 ☐ 4. When you travel or leave home, do you sometimes forget to bring along your medications?
 ☐ 5. Did you take your medicine yesterday?
 ☐ 6. When you feel like your disease is under control, do you sometimes stop taking your medicine?
 ☐ 7. Taking medication everyday is a real inconvenience for some people. Do you ever get hassled about sticking to your treatment plan?
 ☐ 8. How often do you have difficulty remembering to take all your medication?

Score

Compliance score indicator: < 6 = Low Adherence ; 6 to < 8 = Medium Adherence ; 8 = High Adherence

Pharmacist Notes

Figure 3.2.1-5 Compliance Assessment

STEP 5

Assess patient compliance using the 'Morisky Scale' assessment form



Note


Score field is auto-calculated based on user recording in the assessment.

STEP 6

Enter the note in **Pharmacist Note** field

CP1



Address

Phone And Email

Height 145 cm Weight 60 kg BMI/BSA 28.5 / 1.61 m²

Age 13 Years 4 Months 14 Days

Gender Male

MRN H-00000007

Diagnosis

Known Allergies


Update (Last Updated : 07/04/2014)

Figure 3.2.1-6 Compliance Assessment

STEP 7

Click on the  button to save CP1 record form as figure 3.2.1-6

Note

- Click  to print the CP1 report as figure 3.2.1-6
- Assessment has two option of language:
 - Malay
 - English

3.3 Ward Pharmacy CP4

3.3.1 Ward Pharmacy CP4 Reporting

The function of this menu is to record a discharge referral note for patient who require continuity of care in other healthcare setting

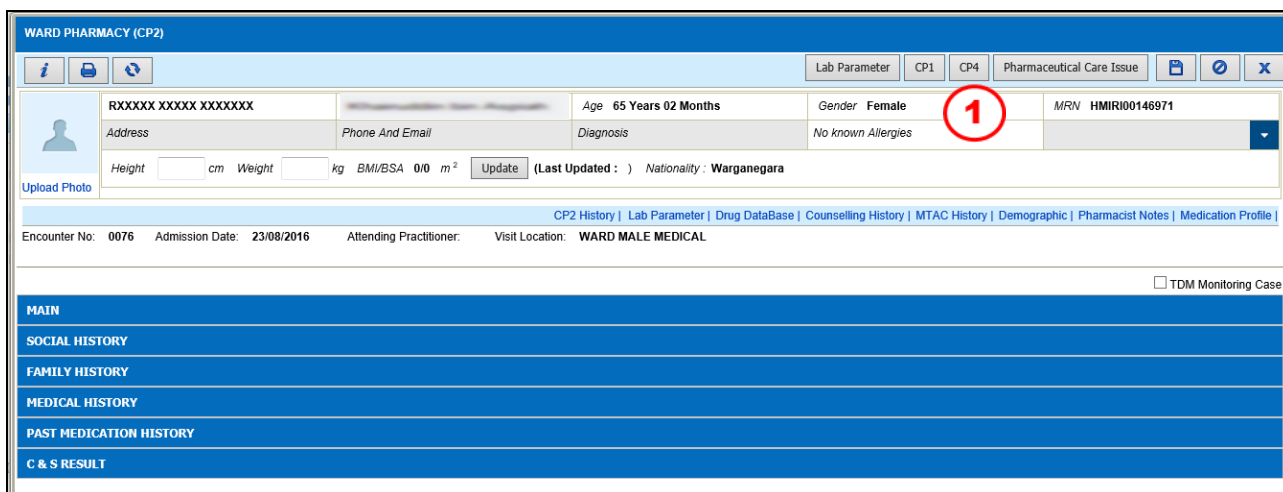



Figure 3.3.1-1 Ward Pharmacy CP4

STEP 1

Click on the  button in CP2 screen to enter the CP4 screen

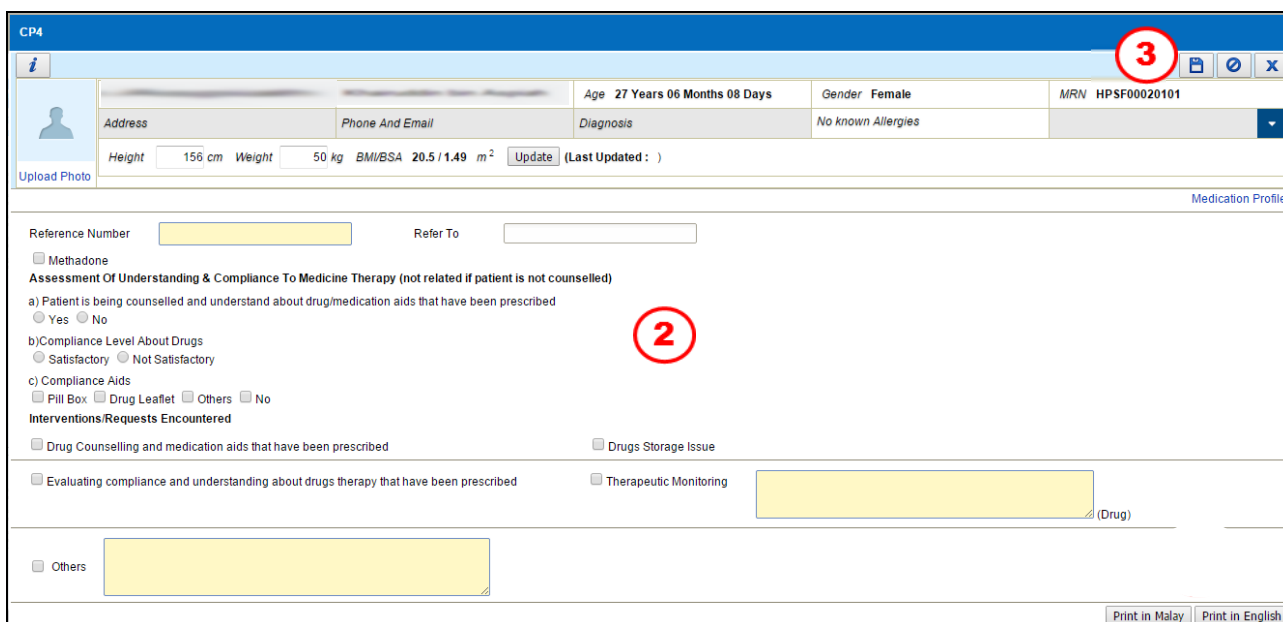



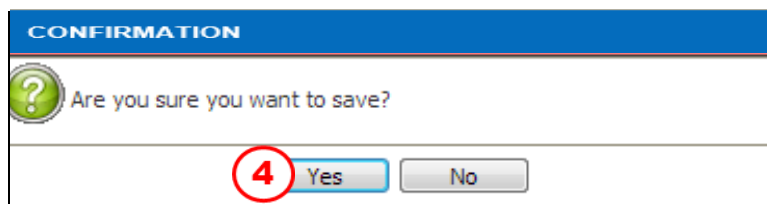
Figure 3.3.1-2 Ward Pharmacy CP4

STEP 2

Enter the information if applicable

STEP 3

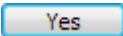
Click on the  button to save CP4 record and *Reference Number* will be generated

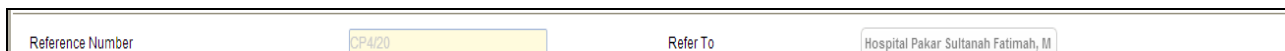


A confirmation dialog box with a blue header bar containing the word "CONFIRMATION". Below the header is a white area with a green circular icon containing a question mark on the left and the text "Are you sure you want to save?" on the right. At the bottom, there are two buttons: "Yes" and "No". The "Yes" button is highlighted with a red circle containing the number "4".

Figure 3.3.1-3 Save Record

STEP 4

Click on the  button to confirm the save process *and Reference Number* will be generated



A form with two fields. The first field is labeled "Reference Number" and contains the value "CP4/20". The second field is labeled "Refer To" and contains the value "Hospital Pakar Sultanah Fatimah, M".

Figure 3.3.1-4 Ward Pharmacy CP4

STEP 5

Click on the  button or  button to print CP4 report

Note

CP4 report can be print in 2 options language:

- Malay
- English

3.3.2 Ward Pharmacy CP4 Methadone Reporting

The function of this menu is to record a discharge referral note for patient methadone

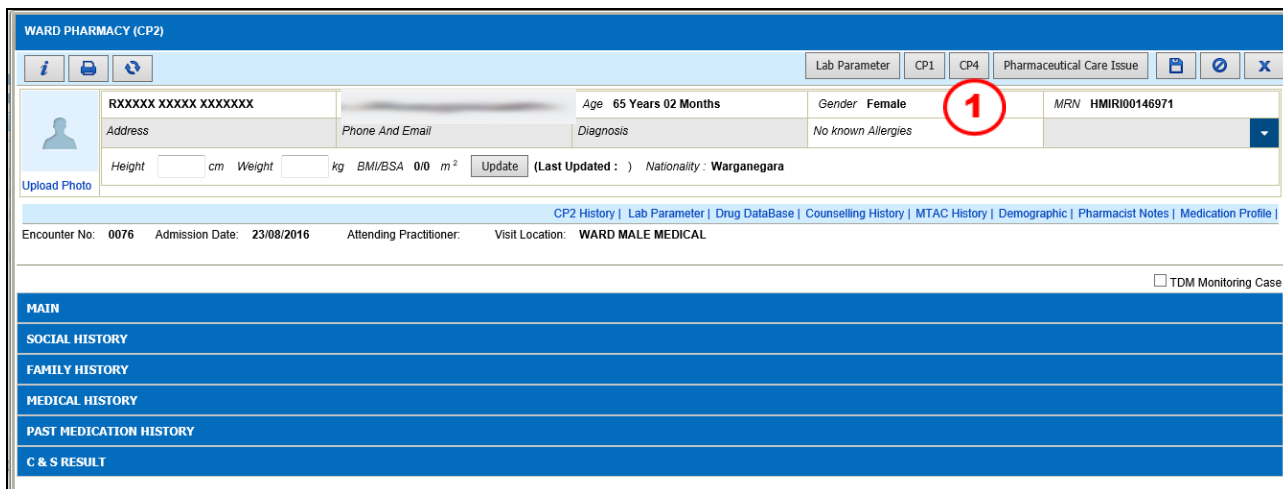


Figure 3.3.2-1 Ward Pharmacy CP4

STEP 1

Click on the **CP4** button in CP2 screen to enter the CP4 screen

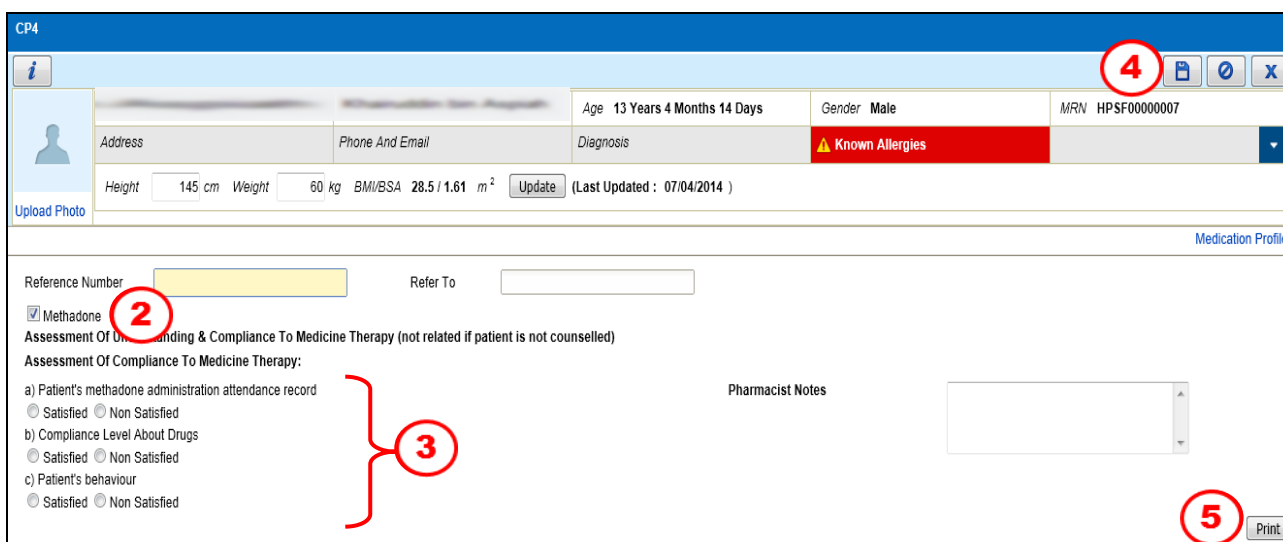


Figure 3.3.2-2 Ward Pharmacy CP4 Methadone

STEP 2

Select on the Methadone checkbox


STEP 3

Enter the information if applicable

STEP 4

Click on the  button to save CP4 Methadone record from

STEP 5

Click on the  button to print CP4 Methadone report.

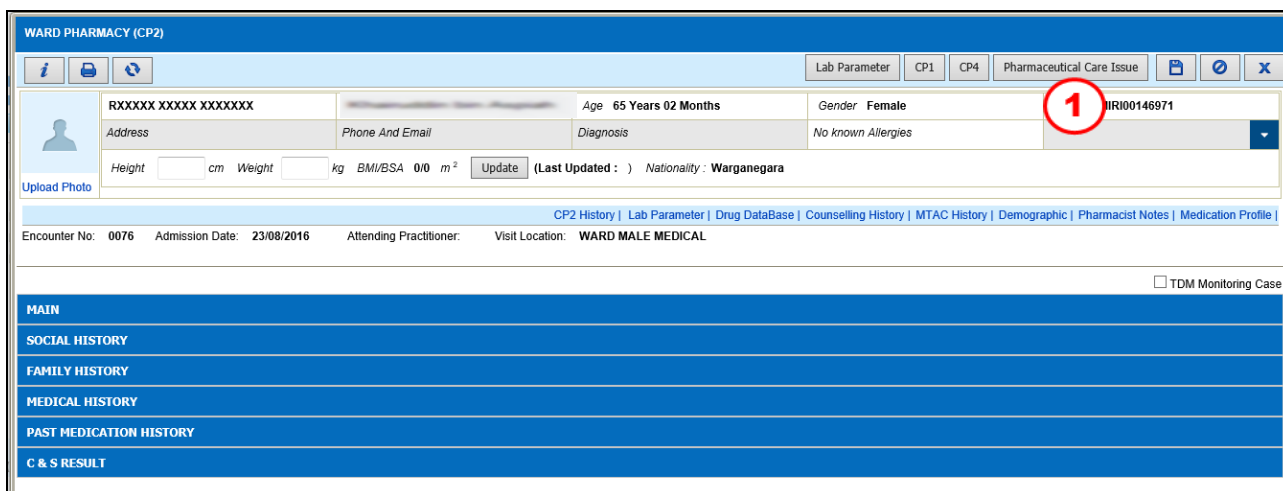
Note

User can select on the Methadone checkbox and the content of the CP4 screen will change dynamically, displaying the CP4 details for Methadone.

3.4 Pharmaceutical Care Issue

3.4.1 Pharmaceutical Care Issue Reporting

The function of this menu is to record any intervention made by pharmacist during pharmacist ward round



WARD PHARMACY (CP2)

Lab Parameter CP1 CP4 Pharmaceutical Care Issue

RXXXXX XXXXX XXXXXXXX Age 65 Years 02 Months Gender Female IIRI00146971

Address Phone And Email Diagnosis No known Allergies

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

CP2 History | Lab Parameter | Drug DataBase | Counselling History | MTAC History | Demographic | Pharmacist Notes | Medication Profile

Encounter No: 0076 Admission Date: 23/08/2016 Attending Practitioner: Visit Location: WARD MALE MEDICAL

☐ TDM Monitoring Case

MAIN

SOCIAL HISTORY

FAMILY HISTORY

MEDICAL HISTORY

PAST MEDICATION HISTORY

C & S RESULT

Figure 3.4.1-1 Pharmaceutical Care Issue Button

STEP 1

Click on the **Pharmaceutical Care Issue** button in CP2 screen to enter the '**Pharmaceutical Care Issue**' screen

PRESCRIBED MEDICATION RELATED ISSUES					
[1 - 2 / 2]					
No	Drug	Other Details	Intervention	Intervention Status	Outcome
1	Amoxicillin 250mg Capsule	1 cap, BD, 7 Days	Inappropriate Duration	Accepted	Outcome
2	Amoxicillin 250mg Capsule	1 cap, BD, 7 Days	Inappropriate Frequency	Accepted	Outcome

Figure 3.4.1-2 Prescribed Medication Related Issue

STEP 2

Enter the '**Prescribed Medication Related Issues**' if applicable by click on the **Outcome hyperlink**

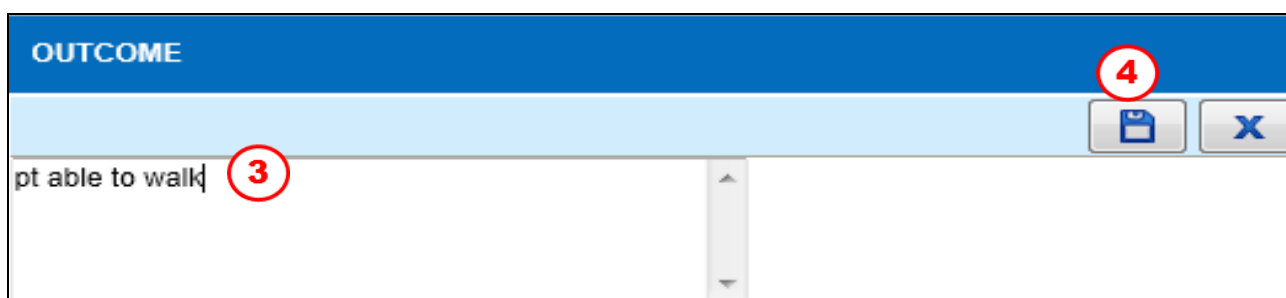


Figure 3.4.1-3 Outcome

STEP 3

Enter the information **outcome**

STEP 4

Click on the  button to save the record

Note

'Prescribed Medication Related Issues' is only available if pharmacist do the prescription intervention during dispensing phase.

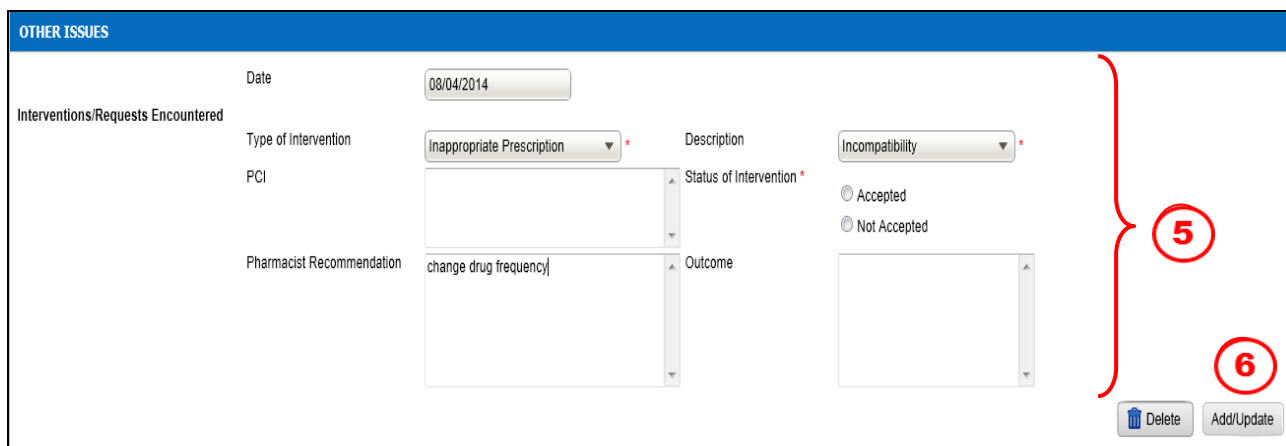


Figure 3.4.1-4 Other Issue


INTERVENTIONS								
1 / 1								
Date	Type of Intervention	Description	PCI	Pharmacist Recommendation	Status of Intervention	Outcome	Follow-up	Checklist
08/04/2014	Inappropriate Prescription	Polypharmacy		change drug frequency	Accepted			

Figure 3.4.1-5 Intervention

STEP 5

Enter '**Other Issues**' if applicable

- Date
- Type of Intervention
- PCI
- Pharmacist Recommendation
- Description
- Status of Intervention
 - Accepted
 - Not Accepted
- Outcome



Note

This section is use for ward pharmacist to record other PCI issue that is not related to dispensing intervention.

STEP 6

Click on the  button to save the record and it will display in Interventions section as Figure 3.4.1-5

Note

- To edit information in '**Interventions**' section, double click on the data then click on the  button. Change the information that display in the '**Other Issue**' section.
- To delete information in '**Interventions**' section, double click on the data then click on the  button.

STEP 7

Double click on the data to enter the follow up information as Figure 3.4.1-5

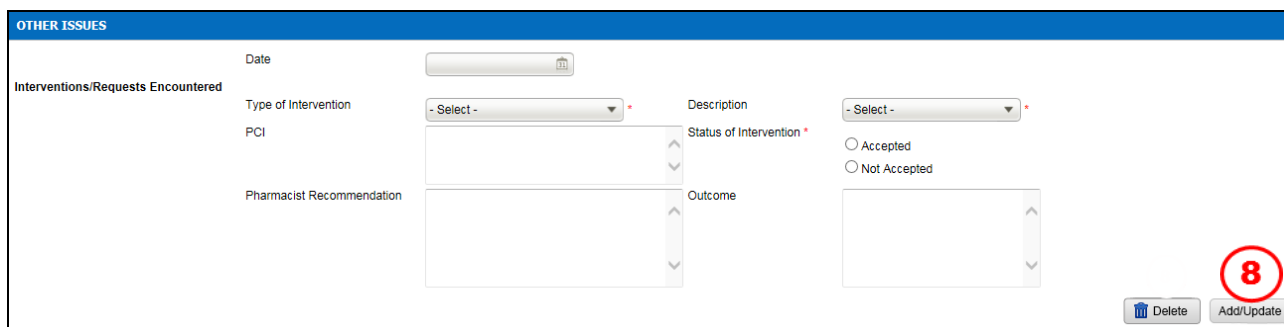


Figure 3.4.1-6 Follow Up

INTERVENTIONS							
< < 1 / 1 > >							
Date	Type of Intervention	Description	PCI	Pharmacist Recommendation	Status of Intervention	Outcome	Follow-up
08/04/2014	Inappropriate Prescription	Polypharmacy		change drug frequency	Accepted		Inform the doctor thru phone

Figure 3.4.1-7 Follow Up

STEP 8

Enter the information at the Follow-up filled then click on the Double click on the  button

3.5 Lab Parameter

3.5.1 Lab Parameter Reporting

The function of this menu is to record result into the system lab

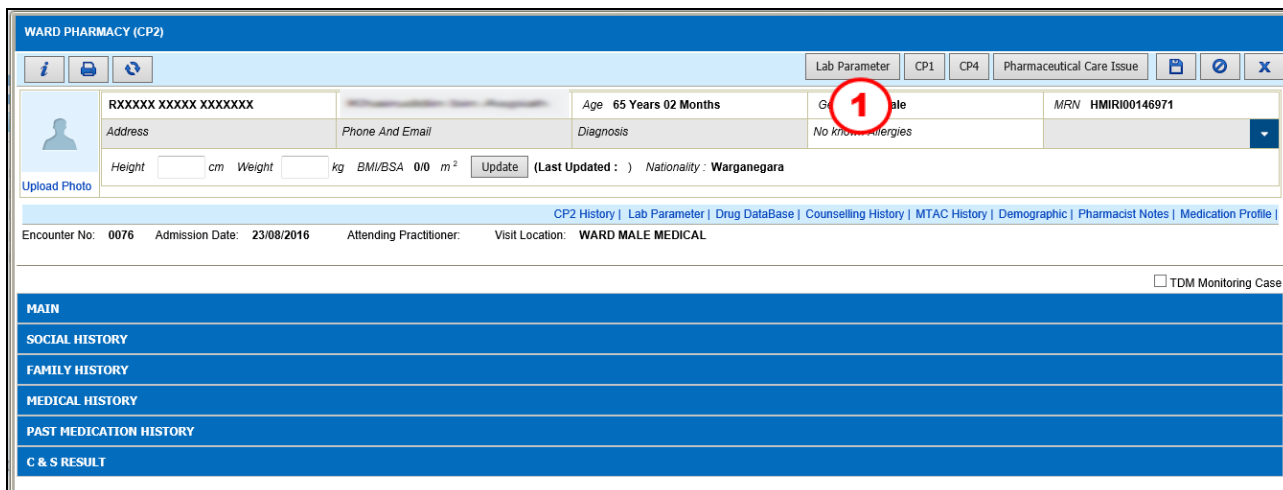
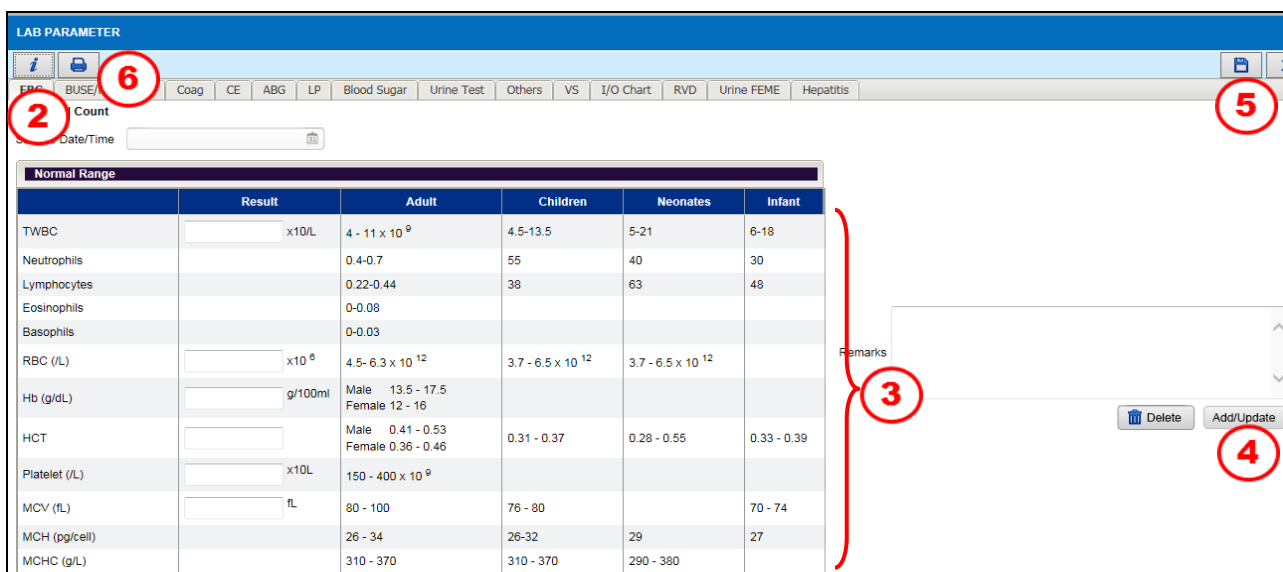


Figure 3.5.1-1 Lab Result Button

STEP 1

Click on the **Lab Parameter** in CP2 screen button in CP2 screen to enter the '**Lab Parameter**' screen



Normal Range					
	Result	Adult	Children	Neonates	Infant
TWBC	<input type="text"/> x10 ⁹ /L	4 - 11 x 10 ⁹	4.5-13.5	5-21	6-18
Neutrophils		0.4-0.7	55	40	30
Lymphocytes		0.22-0.44	38	63	48
Eosinophils		0-0.08			
Basophils		0-0.03			
RBC (/L)	<input type="text"/> x10 ⁶	4.5 - 6.3 x 10 ¹²	3.7 - 6.5 x 10 ¹²	3.7 - 6.5 x 10 ¹²	
Hb (g/dL)	<input type="text"/> g/100ml	Male 13.5 - 17.5 Female 12 - 16			
HCT	<input type="text"/>	Male 0.41 - 0.53 Female 0.36 - 0.46	0.31 - 0.37	0.28 - 0.55	0.33 - 0.39
Platelet (/L)	<input type="text"/> x10 ⁹	150 - 400 x 10 ⁹			
MCV (fL)	<input type="text"/> fL	80 - 100	76 - 80		70 - 74
MCH (pg/cell)		26 - 34	26-32	29	27
MCHC (g/L)		310 - 370	310 - 370	290 - 380	

Figure 3.5.1-2 Lab Result Field

STEP 2

Select one of lab test tab, example '**FBC**'

STEP 3

Enter the information received from lab

Note

Fields in the '**Lab Parameter**' is different base on selected '**Lab Parameter**' tab.

STEP 4

Click on the  button and the information will display in '**Result List**' as Figure 3.5.1-3

STEP 5

Click on the  button to save the record



STEP 6

Click on the  button to print the record

Result List							
« 1 / 1 »							
Sample Date/Time	TWBC	RBC	MCV	Hb	HCT	Platelet	Remarks
07/04/2014 05:11 PM	6.5	5	77		0.31		

Figure 3.5.1-3 FBC Lab Result Field

Note

- To edit information in '**Result List**' section, double click on the data then click on the  button. Change the information that display in the field.
- To delete information in '**Result List**' section, double click on the data then click on the  button.

4.0 Acronyms

Abbreviation	Definition
PhIS	Pharmacy Information System
CPS	Clinical Pharmacy System
PM	Patient Management
eGL	Electronic Guarantee Letter
HRMIS	Human Resource Management System
MRN	Medical Record Number
MOH	Ministry of Health

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		