



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

User Manual Ward Pharmacy - Mobile

Version	: 13th Edition
Document ID	: U. MANUAL_WARD PHARMACY_MOBILE



PhIS & CPS Project
User Manual – Ward Pharmacy (Mobile)



© 2011-2023 *Pharmacy Information System & Clinic Pharmacy System (PhIS & CPS) Project*

CONFIDENTIAL COPYRIGHTED MATERIAL–The information includes all concepts, comments, recommendations, and material, contained herein shall remain the property of Pharmacy Information System & Clinic Pharmacy System (PhIS & CPS) Project. No portion of this document shall be disclosed, duplicated or used in whole or in part of any purpose other than the purpose of the Pharmacy Information System & Clinic Pharmacy System (PhIS & CPS) Project execution only

Reference ID : U. MANUAL_WARD PHARMACY_MOBILE-13th E

Application reference: PhIS & CPS v2.6.1



Table of Content

1.0	Introduction	1
1.1	Overview of PhIS.....	1
1.2	Purpose and Objectives	1
1.3	Organised Sections	1
2.0	Application Standard Features	2
2.1	PhIS Legend.....	2
2.2	Latest Enhancement and Updates	Error! Bookmark not defined.
3.0	Ward Pharmacy	3
	Overview	3
	User Group.....	3
	Functional Diagram.....	3
	Functional Description	3
3.1	Ward Pharmacy (CP2).....	4
3.1.1	CP2.....	4
3.1.2	CP1.....	13
3.1.3	Daily Review	18
3.1.4	Vital Sign.....	21
3.1.5	I/O Chart	24
3.1.6	Monitoring Parameter.....	27
3.1.7	C&S	31
3.1.8	Pharmaceutical Care Issue	35
3.1.9	CP4.....	40
3.1.10	MyMaat	44
4.0	Acronyms.....	48
5.0	Links to Clinical Modules.....	48

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)

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

Ward Pharmacy (CP2) Module Legend			
	To record daily review patient		Add/update Record
	Search		Save record
	Add and update details		Delete record
	Edit record		Add Prescription medication in CP 1
	Add Non-Prescription medication in CP 1		Add results
	Add other issues related to PCI		

Note

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

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

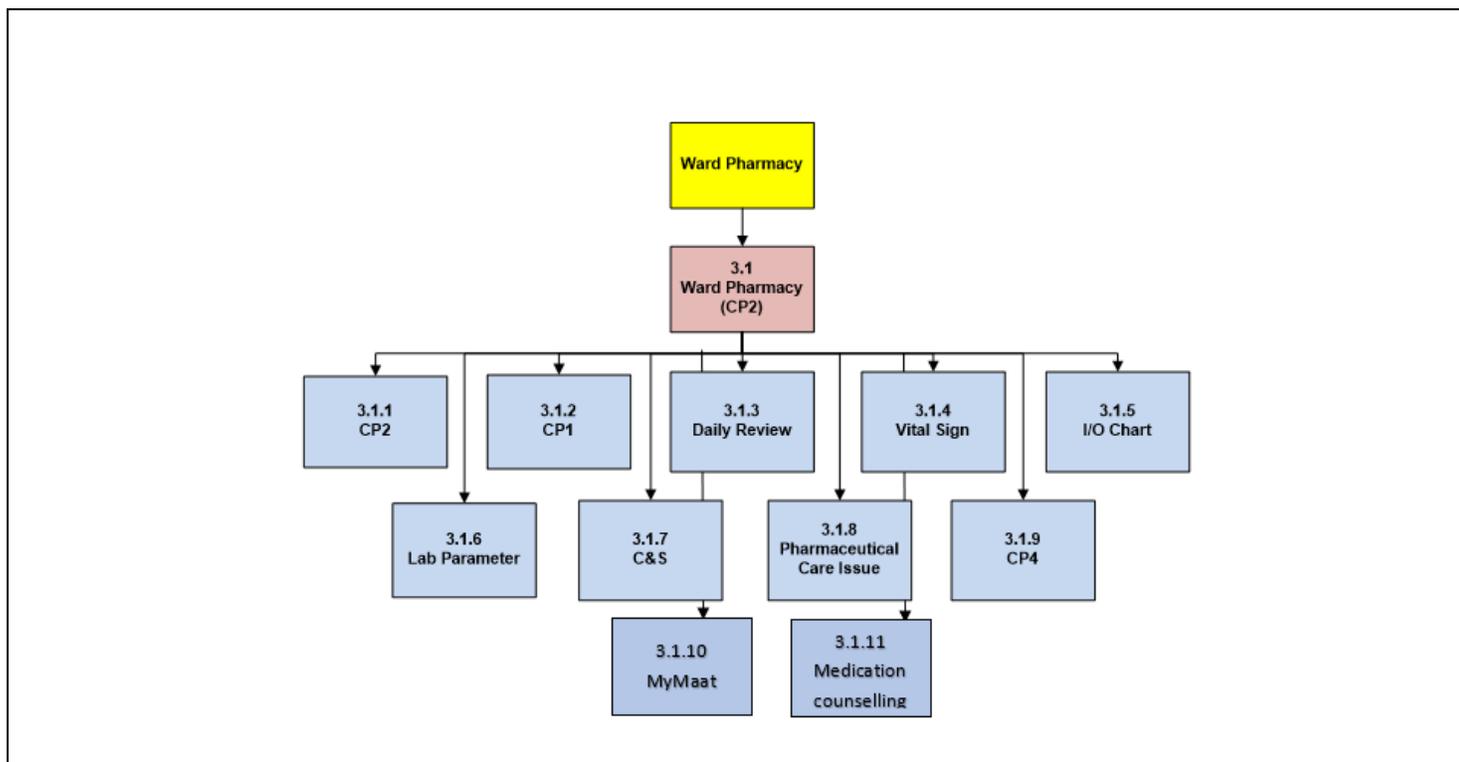


Figure 3.1

Functional Description

Ward Pharmacy comprises of eleven (11) functions:

- CP1
- CP2
- Daily Review
- Vital Sign
- I/O Chart
- Monitoring Parameter
- C&S
- Pharmaceutical Care Issue
- CP4
- MyMaat
- Medication Counselling

3.1 Ward Pharmacy (CP2)

3.1.1 CP2

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

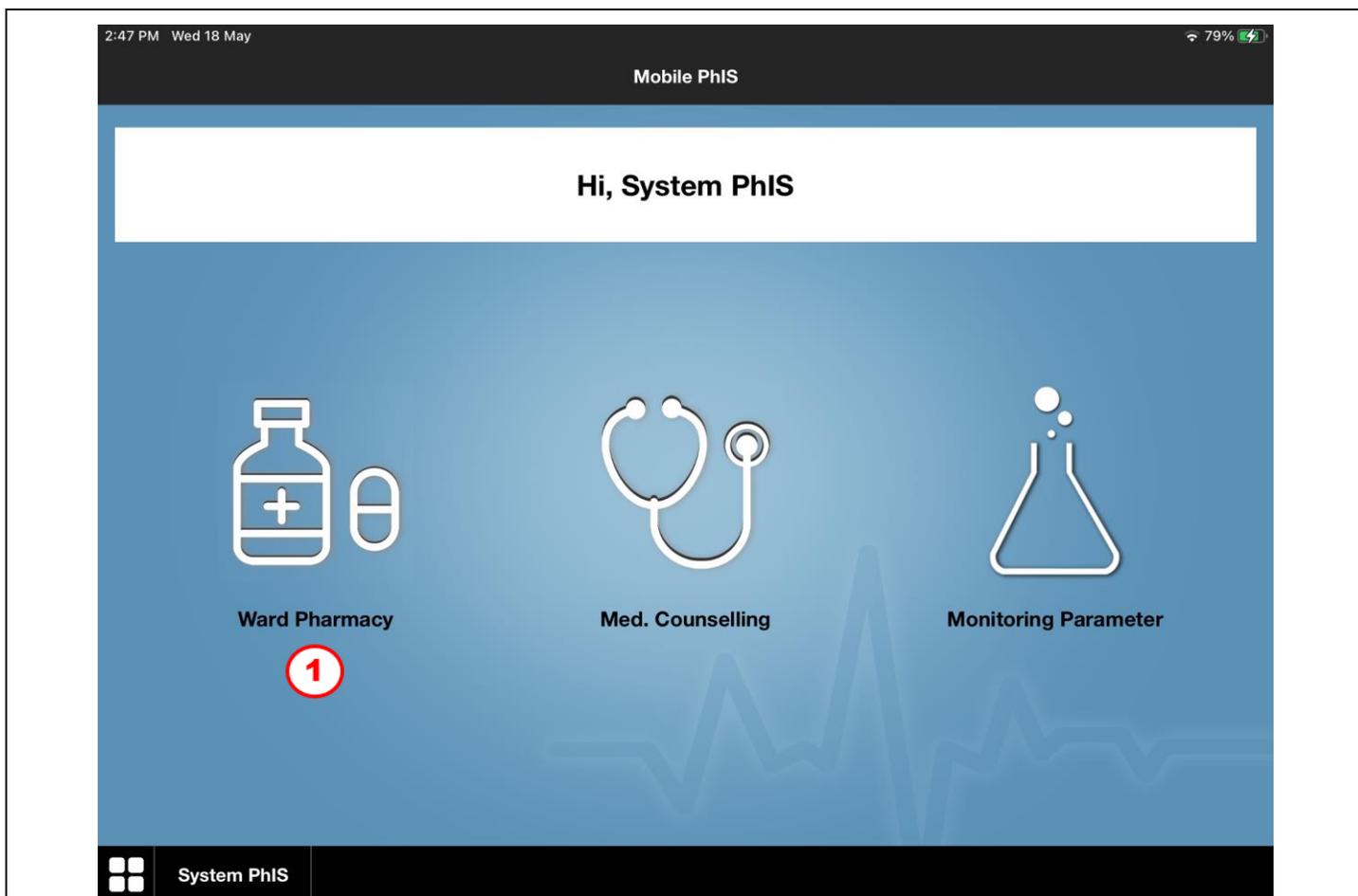


Figure 3.1.1-1 Ward Pharmacy Listing Page

STEP 1



Click on the button

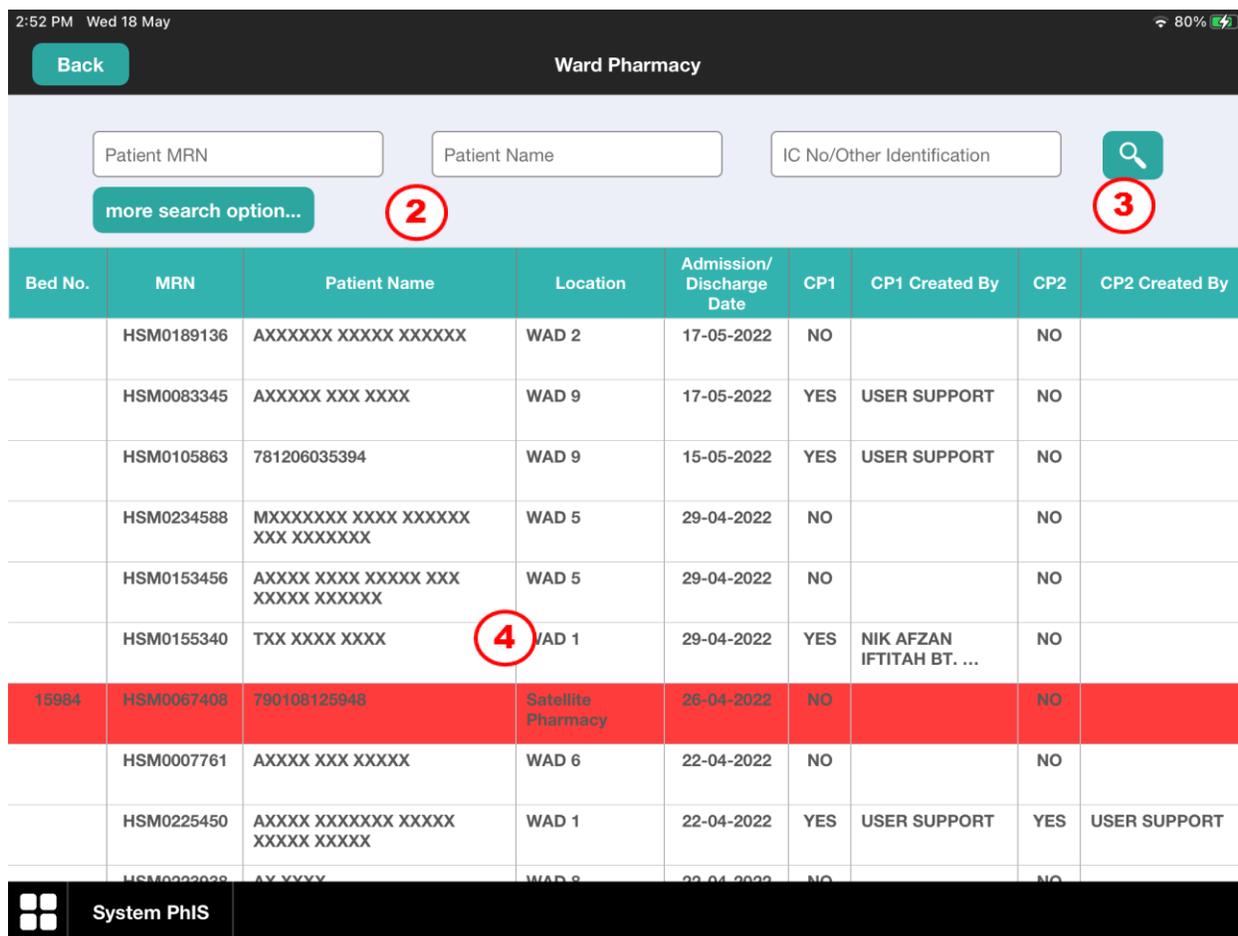


Figure 3.1.1-2 Ward Pharmacy Landing Page

STEP 2

To search for patient Ward Pharmacy (CP2) records, user can search by criteria as follows:

Note

Visit type 'Daycare and Pac' can record results within 5days of patient discharge date

Search			
No	Field	Description	Remark
a	Location	Location	Allow to search by assigned location: - Inpatient visit - Emergency visit - Daycare visit
b	Patient Name	Patient Name	Allow to search by patient's name
c	MRN	Patient MRN	Allow to search by patient full or partial MRN No
d	Bed No	Bed No	Allow to search by patient bed no
e	ID No	ID No	Allow to search by patient full or partial ID No
f	CP1 Recorded?	- All - Yes	All-Allow to search by status 'Yes' and 'No' Yes-Allow to search by status 'Yes'

		- No	No-Allow to search by status 'No'
g	CP2 Recorded?	- 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'
h	Admission Date	Date Enter Ward	Allow to search by date enter to ward
i	Discharged Date	Date Dismissed from Ward	Allow to search by date dismissed from ward
j	CP 1 created By	Creator's ID	Allow to search by CP1 created ID
k	CP2 created by	Creator's ID	Allow to search by CP2 created ID

Table 3.1.1-1

STEP 3

Tap on the  button and result display will be based on the criteria

Note

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

STEP 4

Tap on patient name and user will enter the ward pharmacy main page.

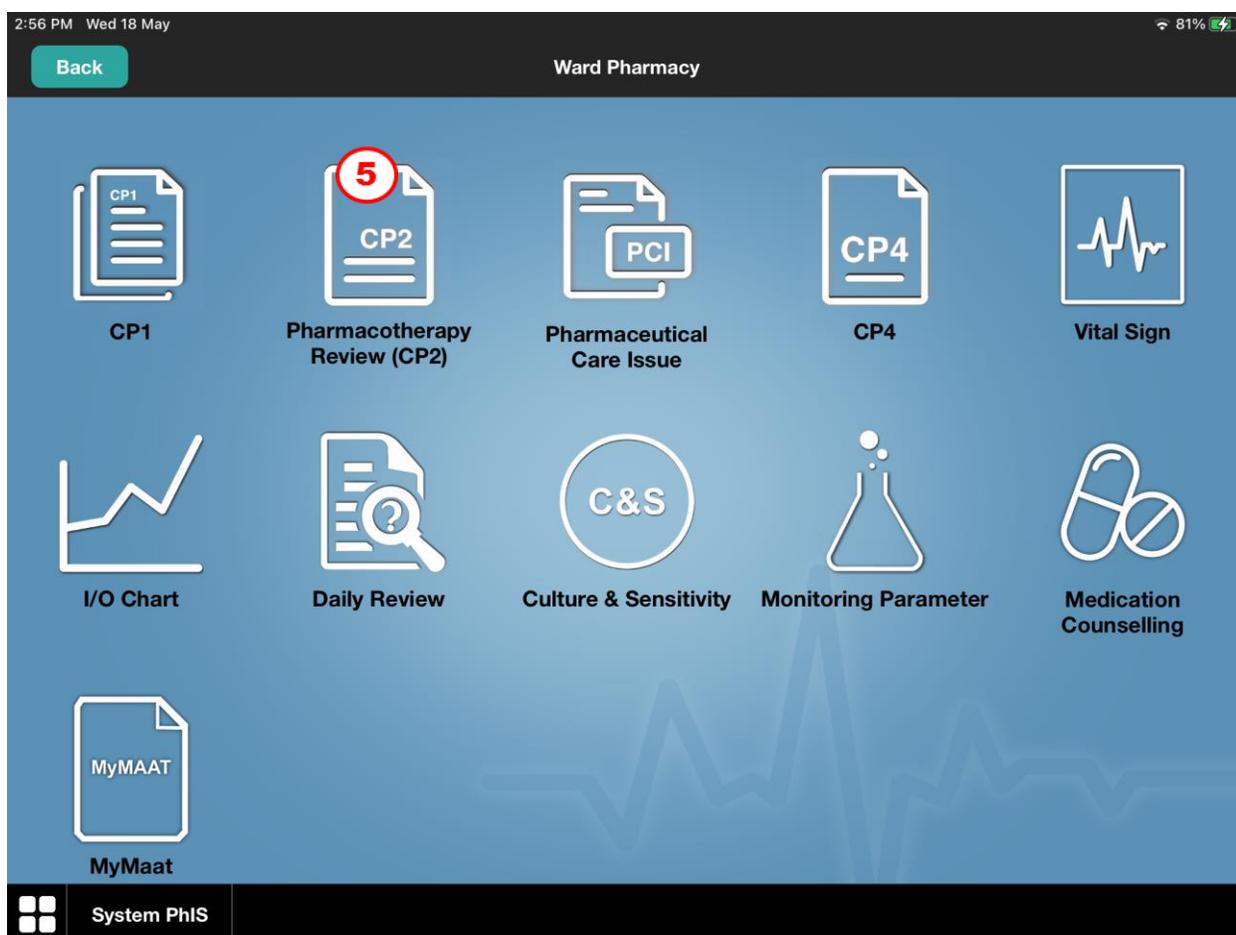


Figure 3.1.1-3 Ward Pharmacy

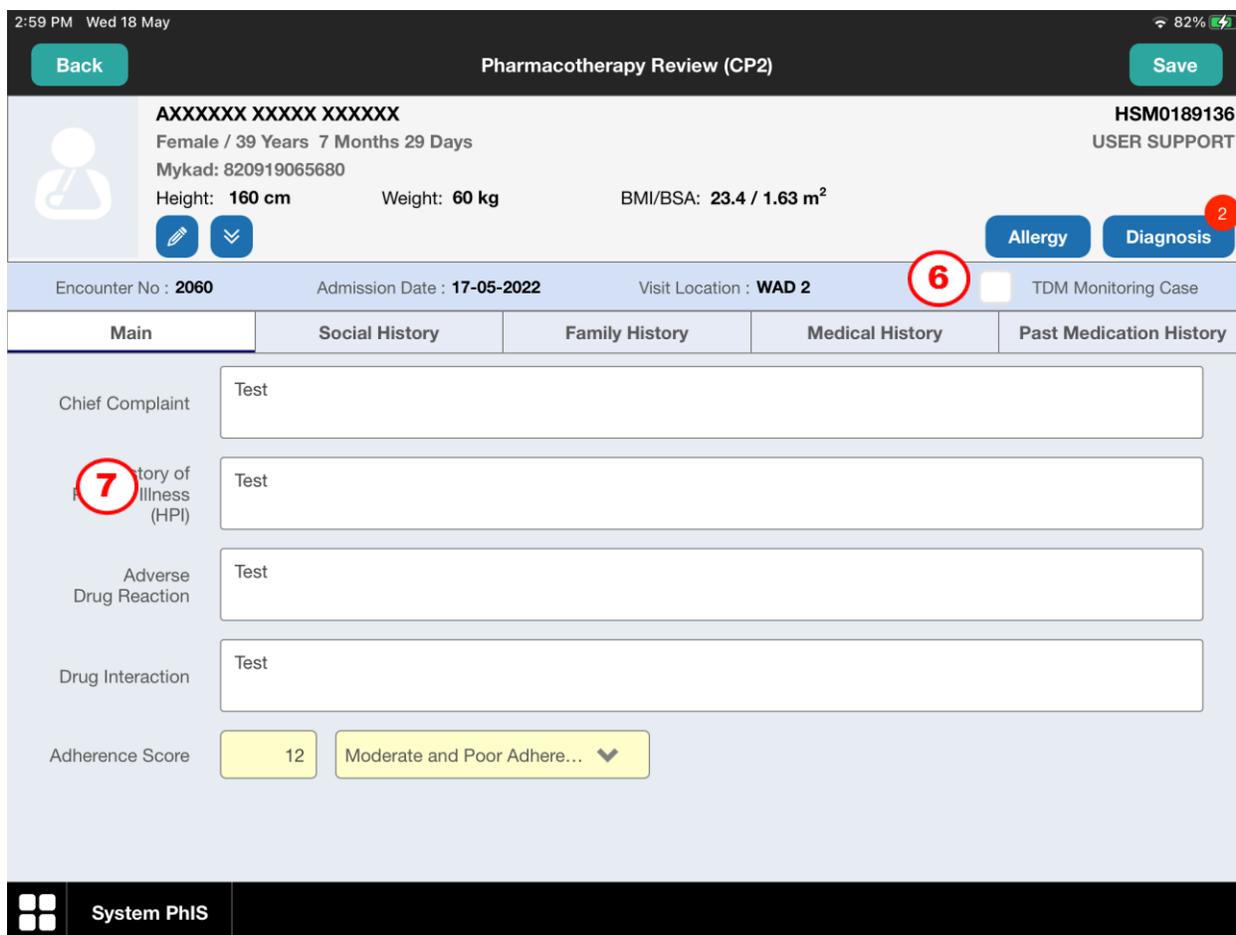
Note

- User can navigate to other screen using Taping on the other icons consist of:
 - CP1
 - CP2
 - Pharmaceutical Care Issue
 - CP4
 - Vital Sign
 - I/O Chart
 - Daily Review
 - C&S
 - Monitoring Parameter
 - Medication Counselling
 - MyMAAT

STEP 5



Tap at the  button



2:59 PM Wed 18 May 82% 

Back **Save**

Pharmacotherapy Review (CP2)

AXXXXXX XXXXX XXXXXX HSM0189136
 Female / 39 Years 7 Months 29 Days USER SUPPORT
 Mykad: 820919065680
 Height: **160 cm** Weight: **60 kg** BMI/BSA: **23.4 / 1.63 m²**

  **Allergy** **Diagnosis** ²

Encounter No : **2060** Admission Date : **17-05-2022** Visit Location : **WAD 2** 6 TDM Monitoring Case

Main	Social History	Family History	Medical History	Past Medication History
Chief Complaint	<input type="text" value="Test"/>			
7 History of Illness (HPI)	<input type="text" value="Test"/>			
Adverse Drug Reaction	<input type="text" value="Test"/>			
Drug Interaction	<input type="text" value="Test"/>			
Adherence Score	<input type="text" value="12"/> <input style="border: 1px solid #ccc;" type="text" value="Moderate and Poor Adhere..."/>			

 **System PhIS**

Figure 3.1.1-4 Ward Pharmacy

Note

CP2 consist of:

- Main
- Social History
- Family History
- Medical History
- Past Medication History

STEP 6

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

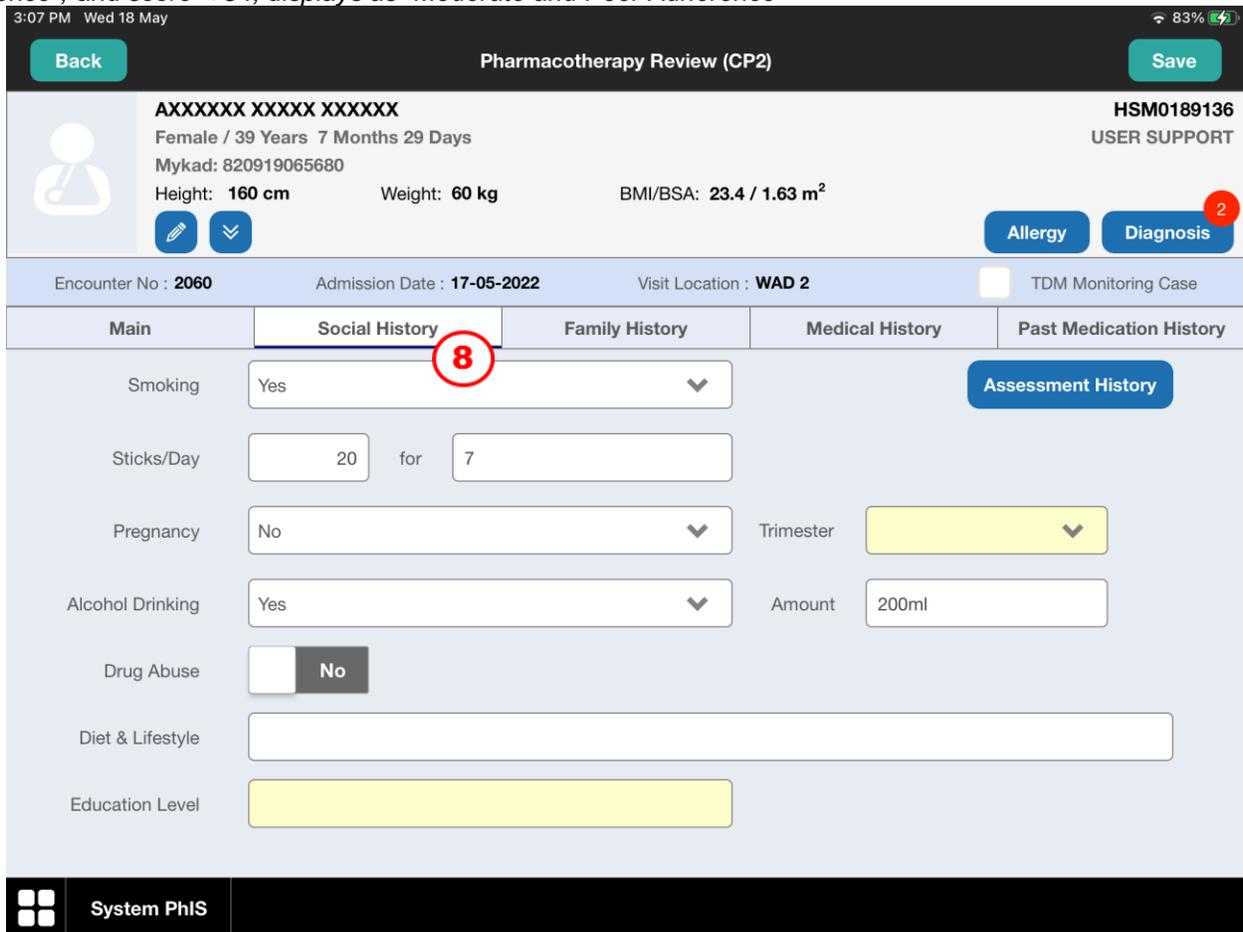
STEP 7

Enter the necessary information

- **Chief Complaint**
- **HPI**
- **ADR**
- **Drug Information**
- **Adherence Score**

Note

Adherence score is auto captured from MyMAAT total score and category. Score ≥ 54 , display category as “Good Adherence”, and score < 54 , displays as “Moderate and Poor Adherence”



3:07 PM Wed 18 May 83% 

Back Pharmacotherapy Review (CP2) **Save**

AXXXXXX XXXXX XXXXXX **HSM0189136**
 Female / 39 Years 7 Months 29 Days **USER SUPPORT**
 Mykad: 820919065680
 Height: **160 cm** Weight: **60 kg** BMI/BSA: **23.4 / 1.63 m²**

  **Allergy** **Diagnosis** ²

Encounter No : **2060** Admission Date : **17-05-2022** Visit Location : **WAD 2** TDM Monitoring Case

Main	Social History ⁸	Family History	Medical History	Past Medication History
Smoking	Yes 			Assessment History
Sticks/Day	<input type="text" value="20"/> for <input type="text" value="7"/>			
Pregnancy	No 		Trimester <input type="text" value=""/>	
Alcohol Drinking	Yes 		Amount <input type="text" value="200ml"/>	
Drug Abuse	<input type="checkbox"/> No			
Diet & Lifestyle	<input type="text" value=""/>			
Education Level	<input type="text" value=""/>			

 **System PhIS**

Figure 3.1.1-5 Social History

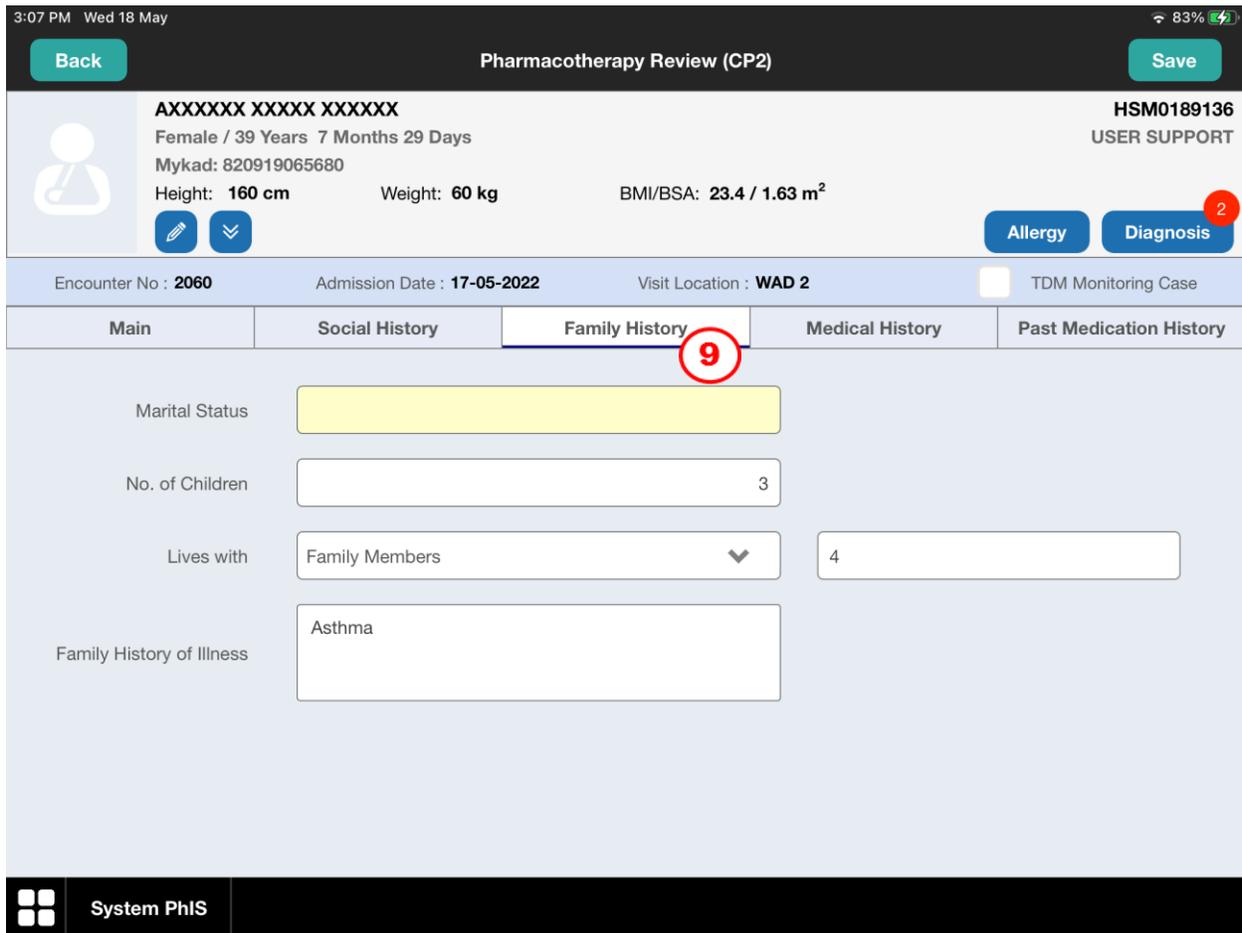
STEP 8

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

- a) **Smoking**
- b) **Pregnancy**
- c) **Diet & Lifestyle**
- d) **Alcohol Drinking**
- e) **Drug Abuse**

Note

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



3:07 PM Wed 18 May 83% 

Back Pharmacotherapy Review (CP2) Save

XXXXXXXX XXXXX XXXXXX HSM0189136
 Female / 39 Years 7 Months 29 Days USER SUPPORT
 Mykad: 820919065680
 Height: 160 cm Weight: 60 kg BMI/BSA: 23.4 / 1.63 m²

Allergy Diagnosis ²

Encounter No : 2060 Admission Date : 17-05-2022 Visit Location : WAD 2 TDM Monitoring Case

Main Social History **Family History** ⁹ Medical History Past Medication History

Marital Status

No. of Children

Lives with Family Members

Family History of Illness

 System PhIS

Figure 3.1.1-6 Family History

STEP 9

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

- a) **Marital Status**
- b) **No Of Children**
- c) **Lives With**
- d) **Family History of Illness**

Note

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

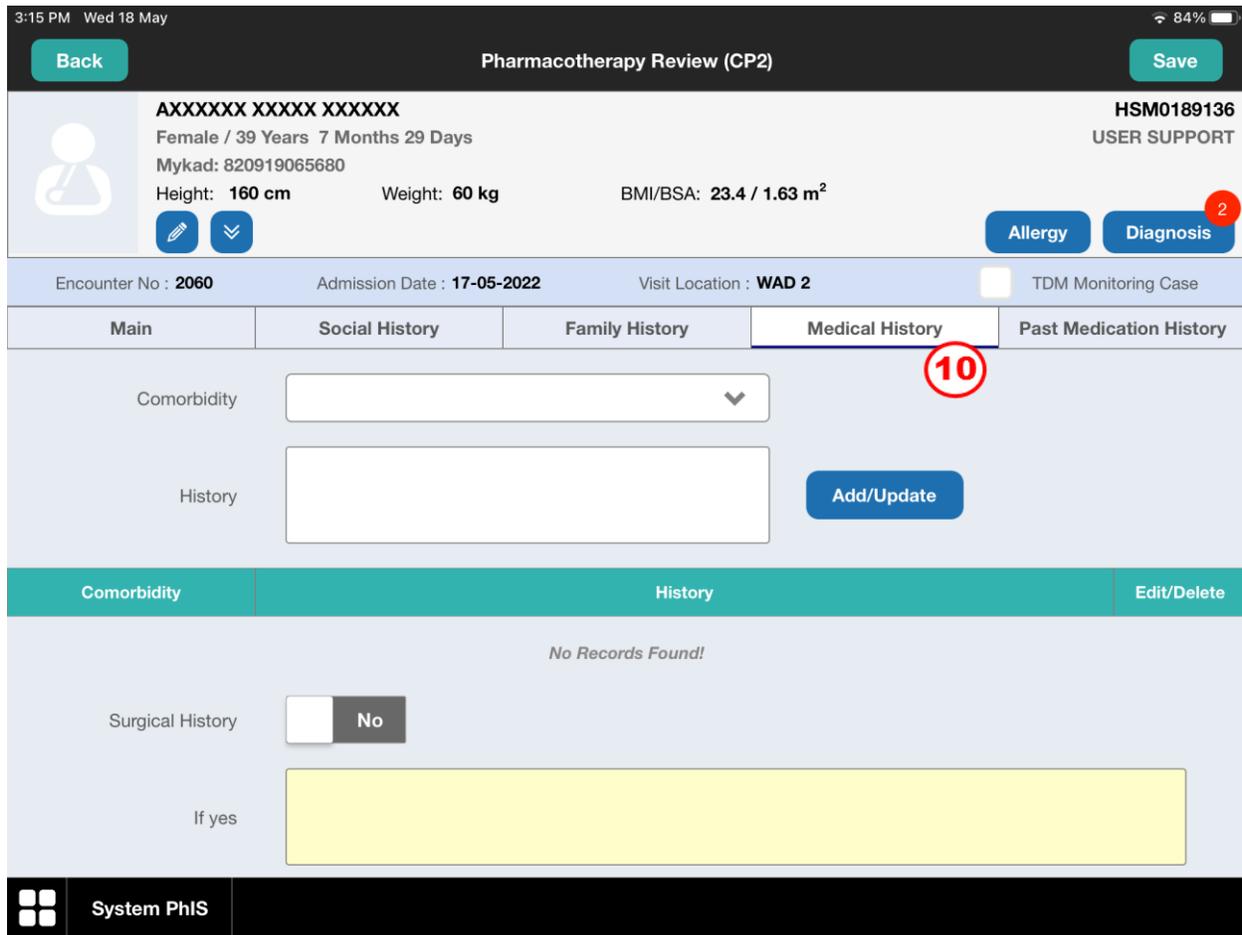


Figure 3.1.1-7 Medical History

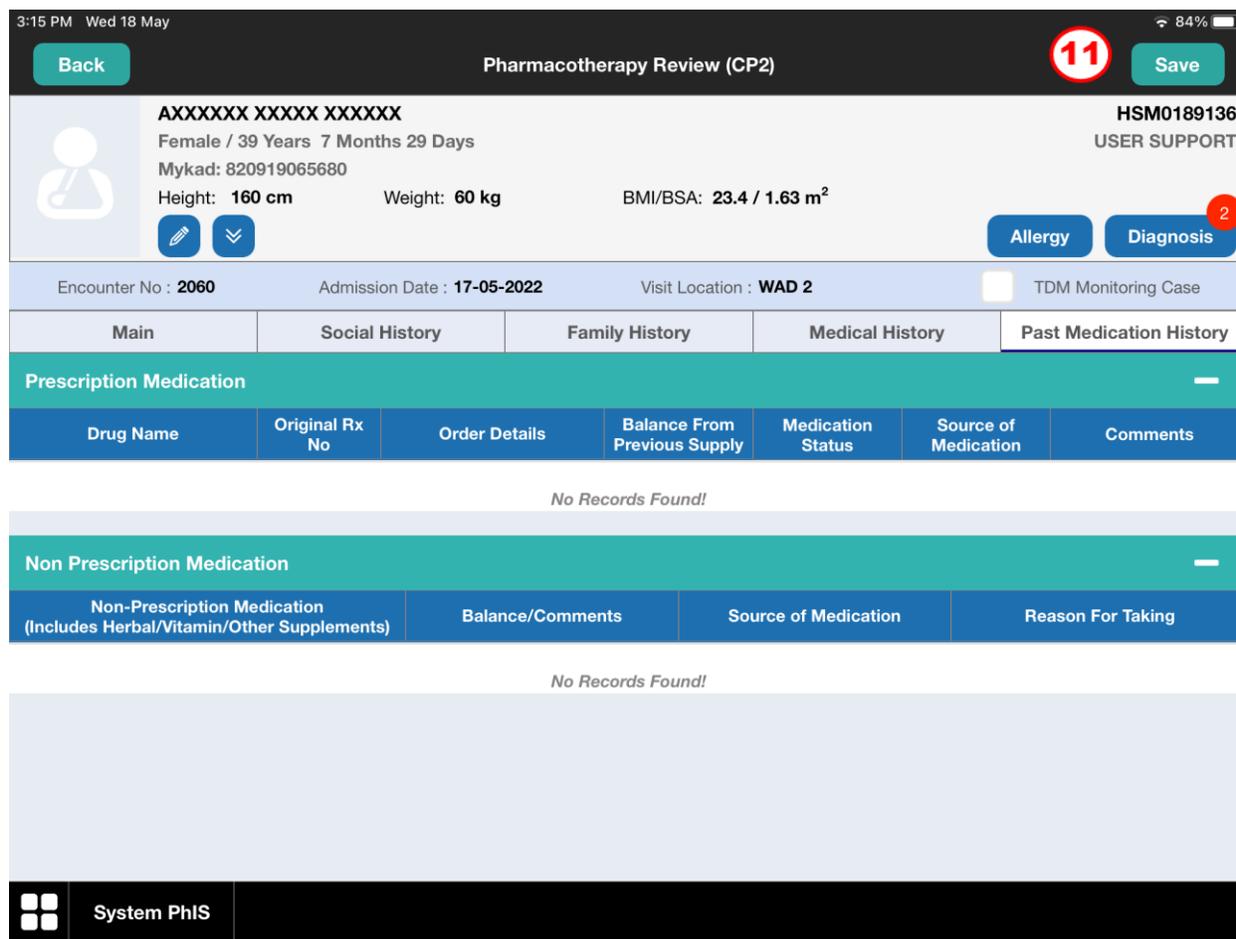
STEP 10

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

- **Comorbidity**
- **History**
- **Surgical History**

Note

- User can add patient comorbidity by Tap on the  button
- User can add multiple records by just filling in the comorbidity and history and Taping at the  button
- User is allowed to delete the record by Tap on the  button
- User is allowed to edit the record by Tap on the  button



3:15 PM Wed 18 May

Back Pharmacotherapy Review (CP2) Save

11

XXXXXX XXXXX XXXXXX HSM0189136
Female / 39 Years 7 Months 29 Days USER SUPPORT
Mykad: 820919065680
Height: 160 cm Weight: 60 kg BMI/BSA: 23.4 / 1.63 m²
Allergy Diagnosis 2

Encounter No : 2060 Admission Date : 17-05-2022 Visit Location : WAD 2 TDM Monitoring Case

Main Social History Family History Medical History Past Medication History

Prescription Medication

Drug Name	Original Rx No	Order Details	Balance From Previous Supply	Medication Status	Source of Medication	Comments
No Records Found!						

Non Prescription Medication

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

System PhIS

Figure 3.1.1-8 Past Medication History

Note

Past Medication History consist of:

- Prescription Medication
- Non Prescription Medication
- However, this field cannot be filled in CP2 and need to be filled in  CP1 screen.

STEP 11

Tap on the  button to save the CP2 record and system will display confirmation alert as figure 3.1.1-9

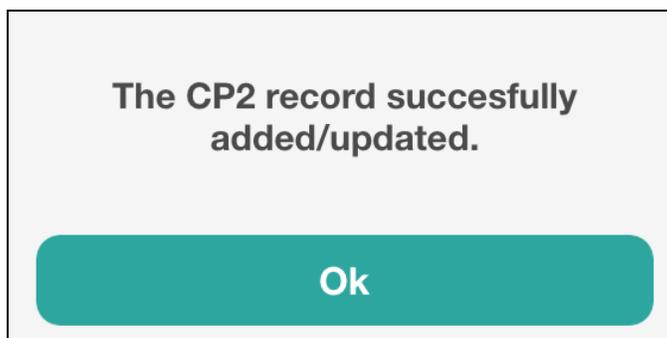


Figure 3.1.1-9 Confirmation Alert

Note

- Tap on the  button to confirm the record.

3.1.2 CP1

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

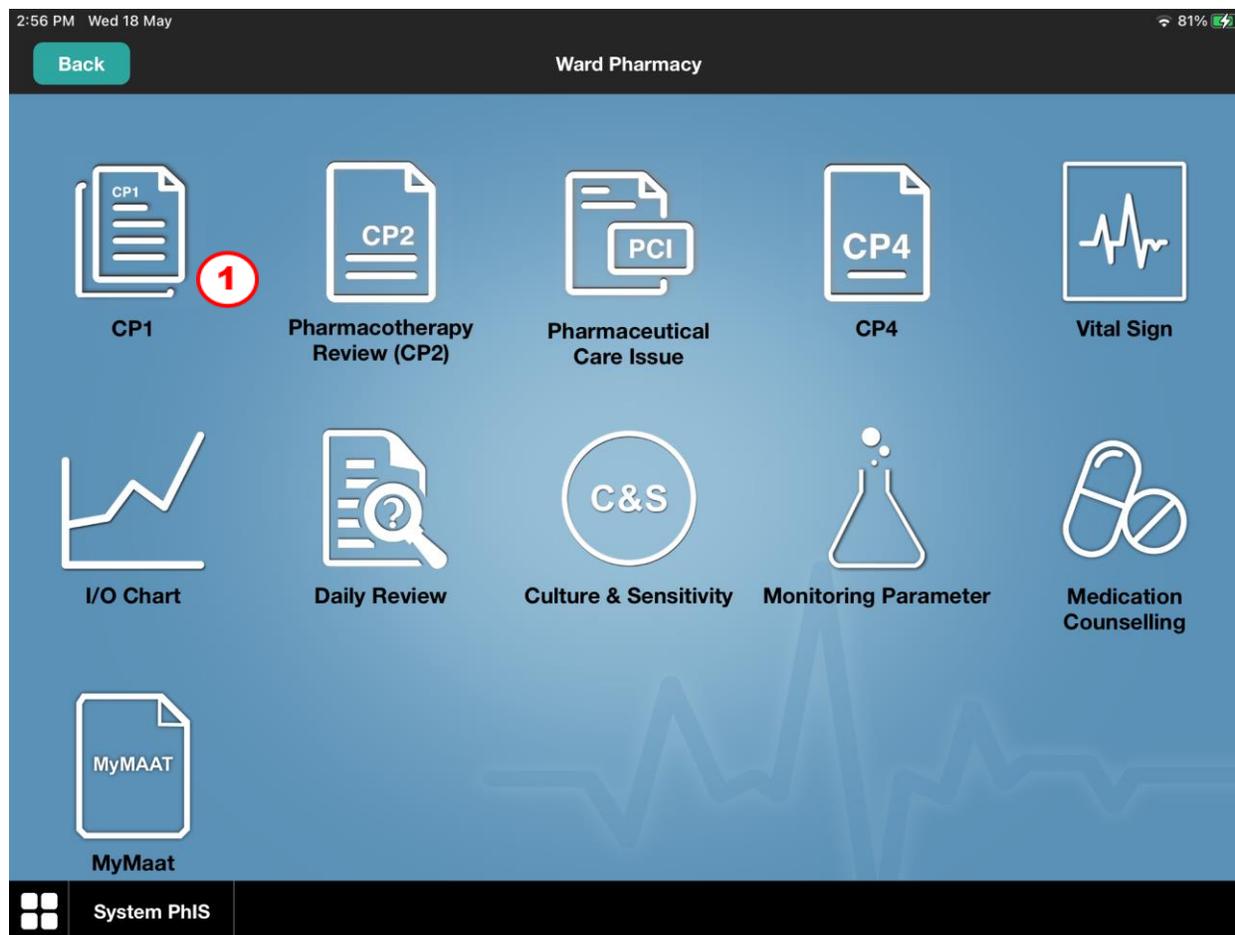
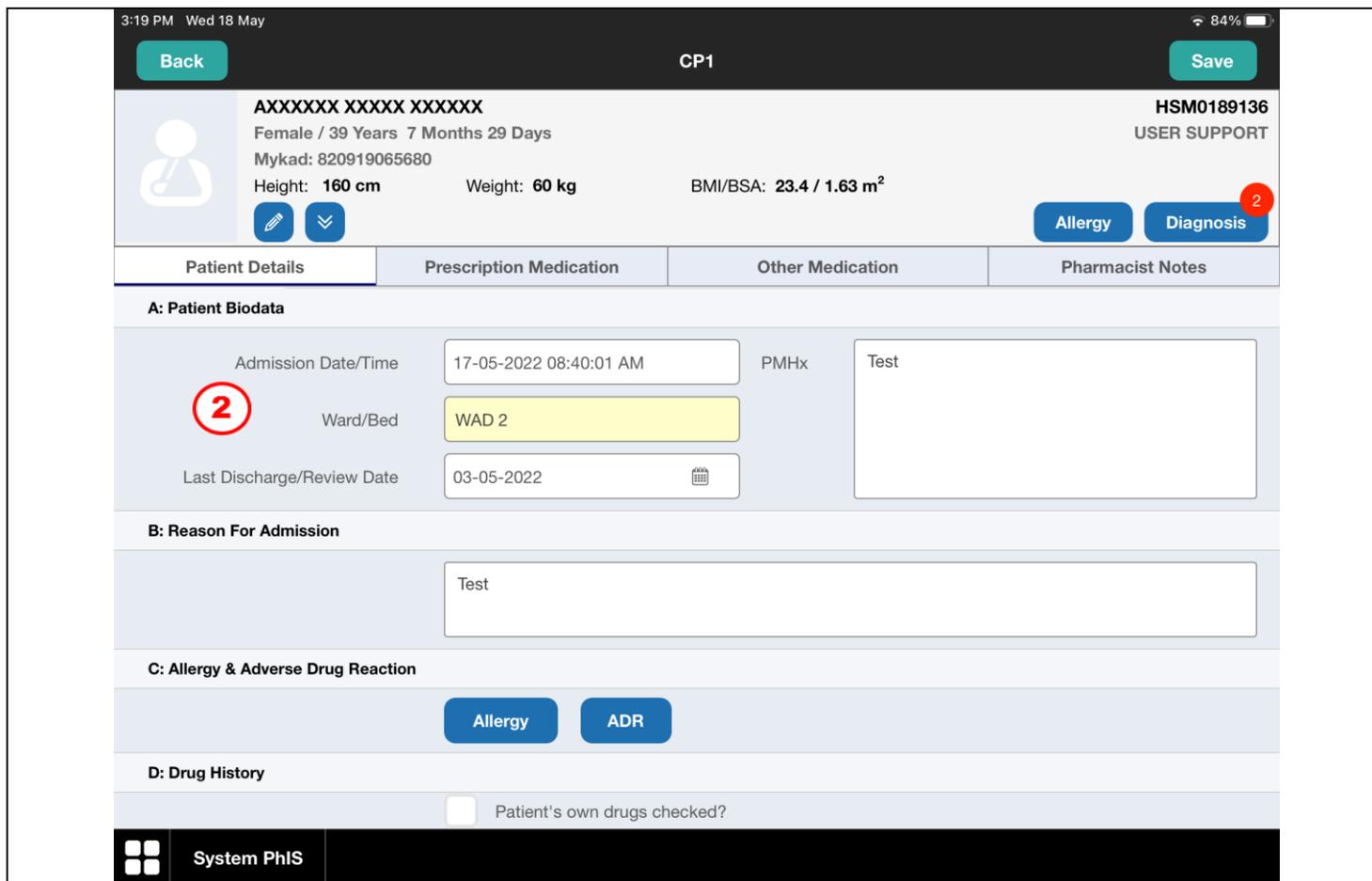


Figure 3.1.2-1 CP1 Button

STEP 1



Tap on the  button from the Ward Pharmacy Listing page



3:19 PM Wed 18 May 84%

Back CP1 Save

AXXXXXX XXXXX XXXXXX HSM0189136
Female / 39 Years 7 Months 29 Days USER SUPPORT
Mykad: 820919065680
Height: 160 cm Weight: 60 kg BMI/BSA: 23.4 / 1.63 m²
Allergy Diagnosis 2

Patient Details Prescription Medication Other Medication Pharmacist Notes

A: Patient Biodata

Admission Date/Time 17-05-2022 08:40:01 AM PMHx Test
2 Ward/Bed WAD 2
Last Discharge/Review Date 03-05-2022

B: Reason For Admission

Test

C: Allergy & Adverse Drug Reaction

Allergy ADR

D: Drug History

Patient's own drugs checked?

System PhIS

Figure 3.1.2-2 CP1

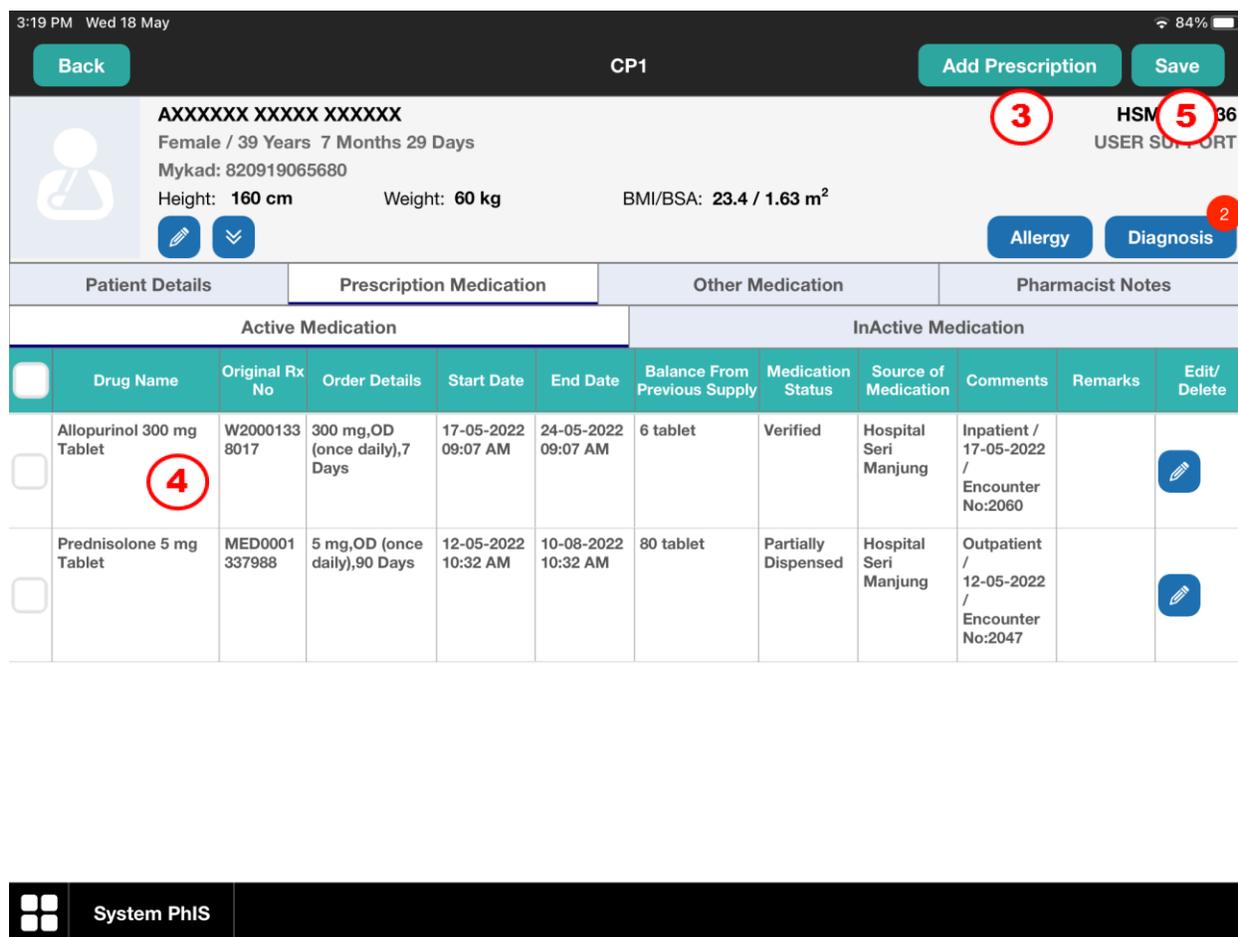
STEP 2

Enter the necessary information

- a) **A: Patient Biodata**
- b) **B: Reason for Admission**
- c) **C: Allergy & Adverse Drug Reaction**
- d) **D: Drug history**

Note

User can view information of patient Allergy and ADR by clicking at the  /  buttons



3:19 PM Wed 18 May CP1 Add Prescription Save

AXXXXXX XXXXX XXXXXX Female / 39 Years 7 Months 29 Days HSM 36
Mykad: 820919065680 USER SUPPORT
Height: 160 cm Weight: 60 kg BMI/BSA: 23.4 / 1.63 m² Allergy Diagnosis

Patient Details		Prescription Medication			Other Medication		Pharmacist Notes				
Active Medication					InActive Medication						
	Drug Name	Original Rx No	Order Details	Start Date	End Date	Balance From Previous Supply	Medication Status	Source of Medication	Comments	Remarks	Edit/Delete
<input type="checkbox"/>	Allopurinol 300 mg Tablet	W2000133 8017	300 mg,OD (once daily),7 Days	17-05-2022 09:07 AM	24-05-2022 09:07 AM	6 tablet	Verified	Hospital Seri Manjung	Inpatient / 17-05-2022 / Encounter No:2060		
<input type="checkbox"/>	Prednisolone 5 mg Tablet	MED0001 337988	5 mg,OD (once daily),90 Days	12-05-2022 10:32 AM	10-08-2022 10:32 AM	80 tablet	Partially Dispensed	Hospital Seri Manjung	Outpatient / 12-05-2022 / Encounter No:2047		

System PhIS

Figure 3.1.2-3 Prescription Medication

STEP 3

Tap on the **Add Prescription** button to enter the information as Figure 3.1.2-3.

Note

Prescription medication will display patient's medication from last previous visit

STEP 4

Edit the necessary information by clicking at the  button

- Drug Name (Specify Strength)**
- Original Rx No**
- Order Details**
- Start Date**
- End Date**
- Remarks**
- Balance From Previous Supply**
- Medication Status**
- Source of Medication**
- Comments**

STEP 5

Tap on the **Save** button to save record

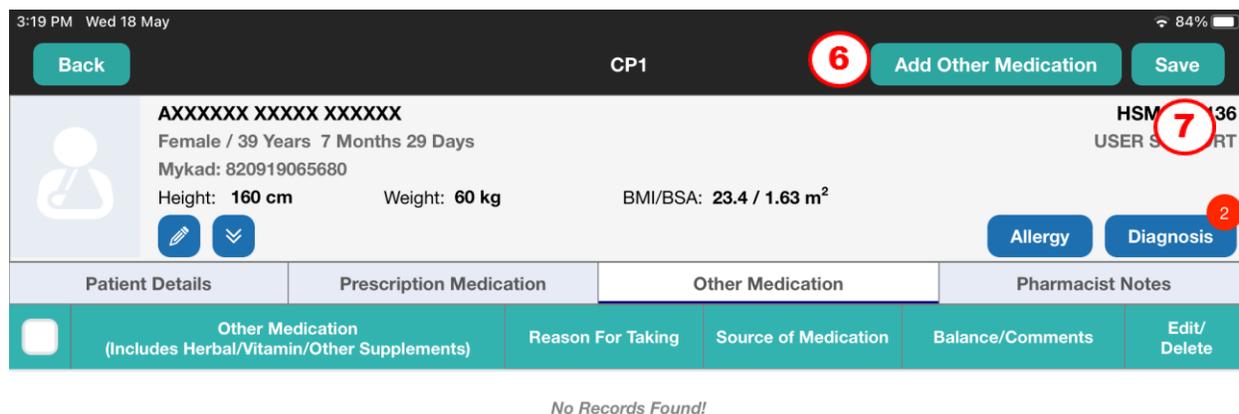


Figure 3.1.2-4 Other Medication

STEP 6

Tap on the **Add Other Medication** button to enter the information below:

- a) **Other Medication**
- b) **Reason for Taking**
- c) **Source of Medication**
- d) **Balance/Comments**

STEP 7

Tap on the **Save** button to save record

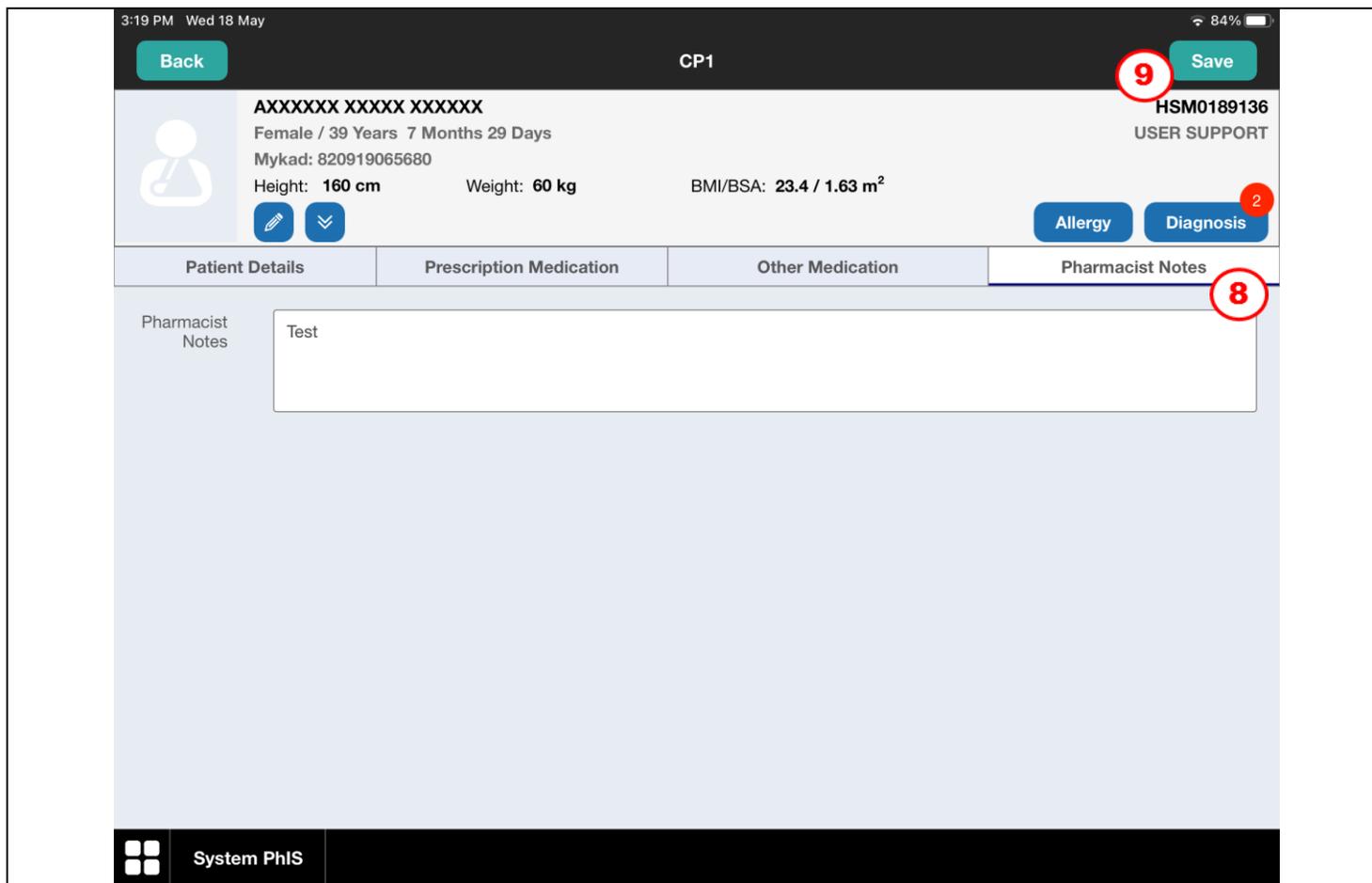


Figure 3.1.2-5 Pharmacist Notes

STEP 8

Tap at the  tab and key in the notes

STEP 9

Tap on the  button to save the CP1 record and confirmation alert will display as Figure 3.1.2-6

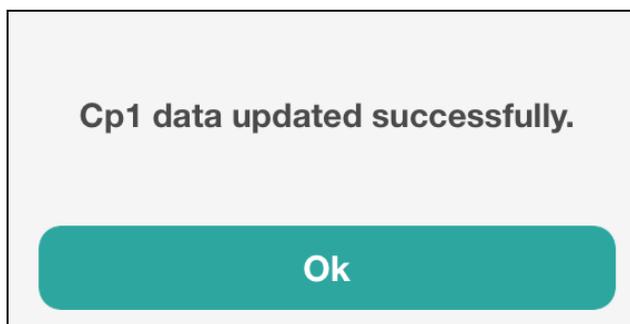


Figure 3.1.2-6 Confirmation Alert

Note
Information under Prescription Medication and Other Prescription will be display in the CP2 if user ticks on the information checkbox.

3.1.3 Daily Review

To record Daily review, perform the step below:

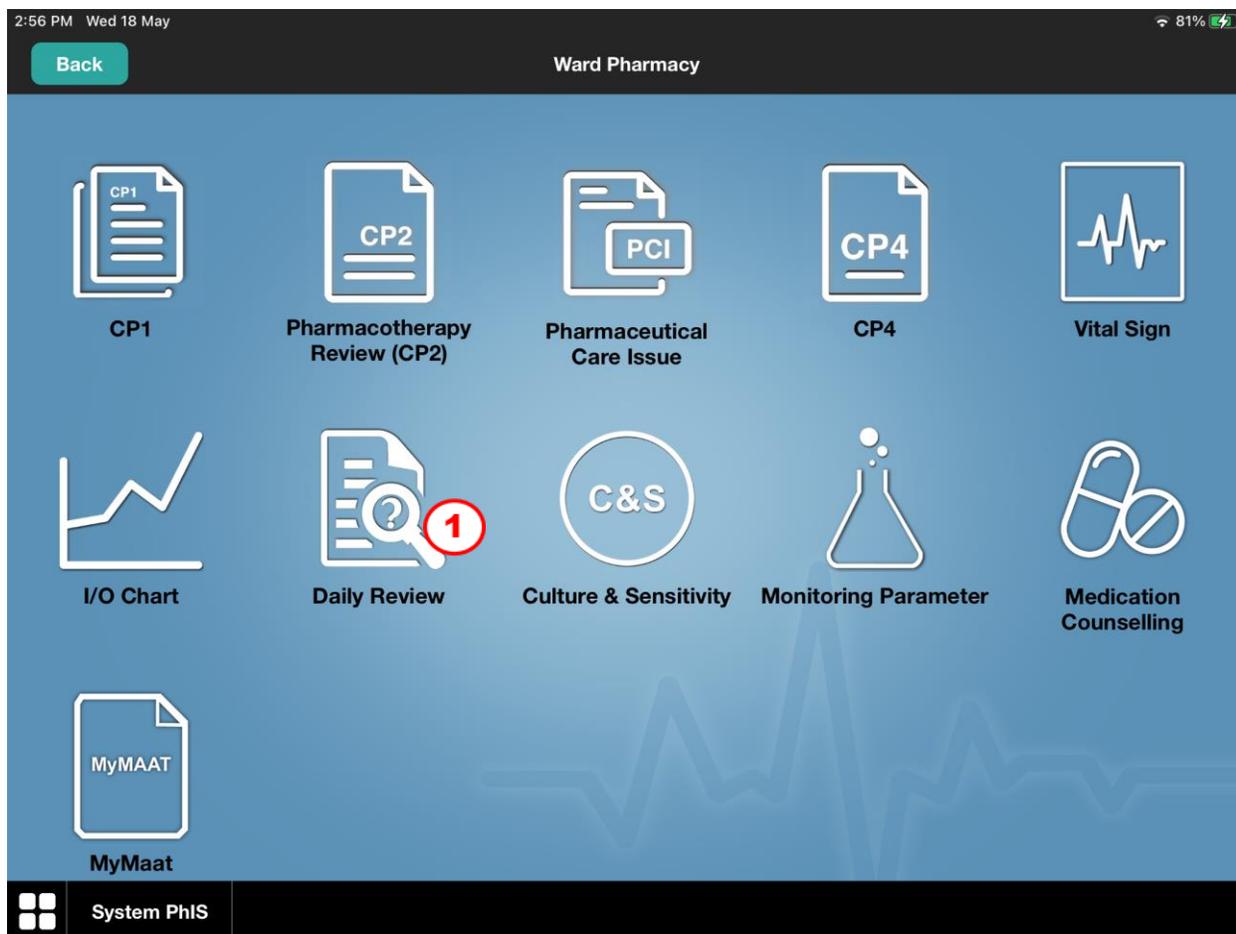


Figure 3.1.3-1 Daily Review

STEP 1



Tap on the  tab from the Ward Pharmacy main screen

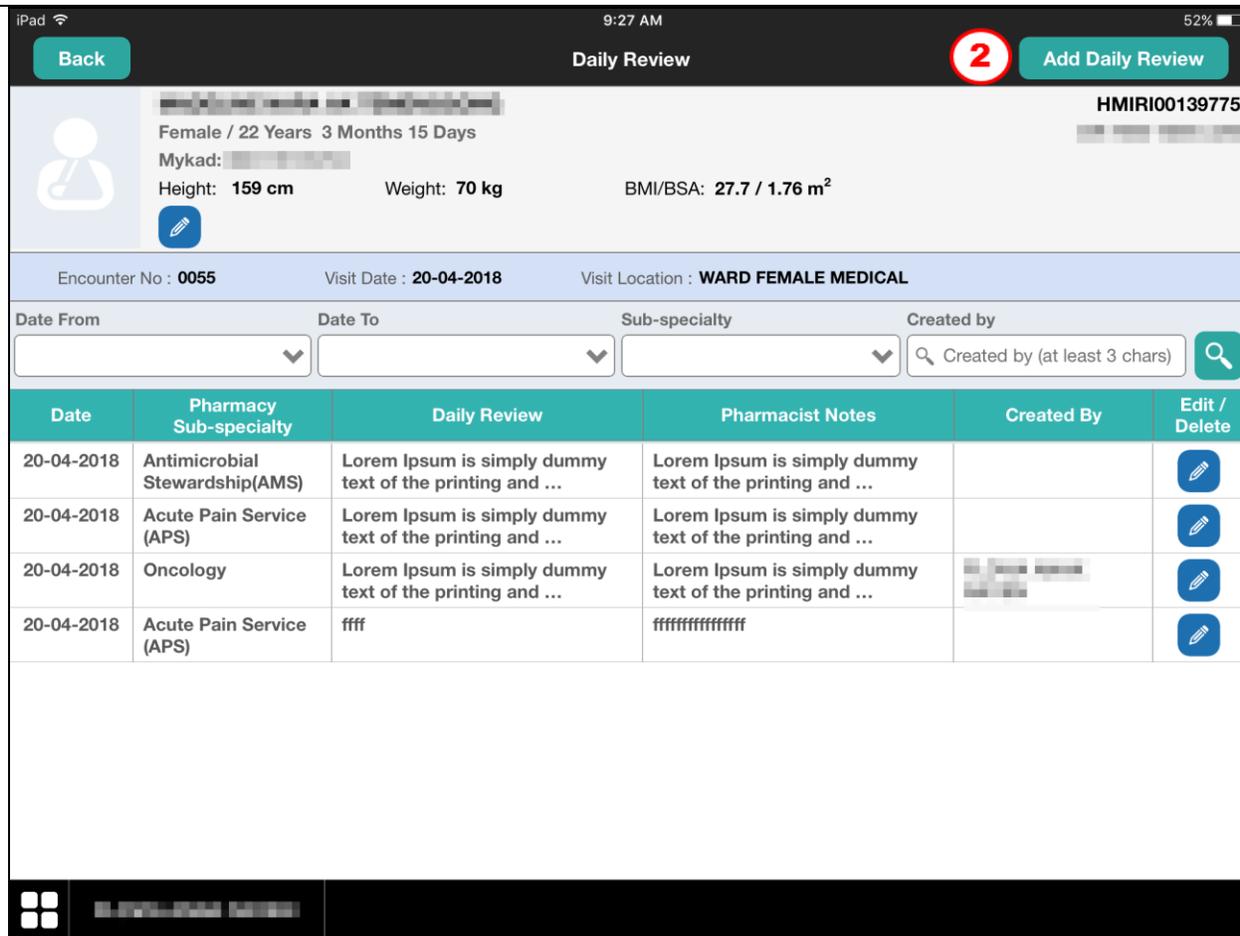


Figure 3.1.3-2 Daily Review

STEP 2

Tap on the **Add Daily Review** button and Add Daily Review screen will be display as Figure 3.1.3-3

Note

Add Daily Review button only will be enable if user completed fill in CP2 information in the system

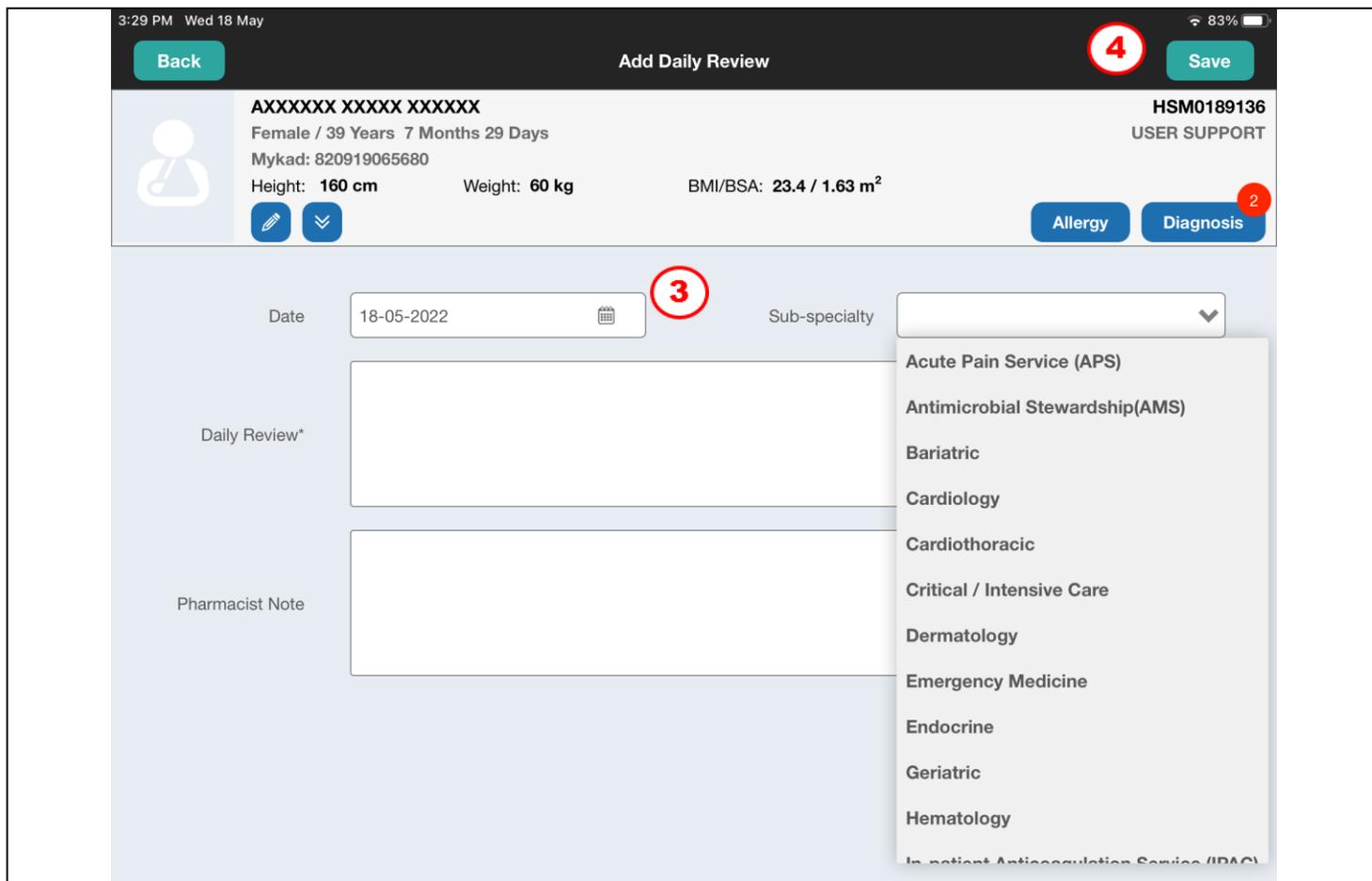


Figure 3.1.3-3 Add Daily Review

STEP 3

Fill in necessary information

- **Date**
- **Sub-Specialty**
- **Daily Review**
- **Pharmacist Note**

Note

- Pharmacist note characters had been increased to 2000 characters
- Daily review characters had been increased to 2000 characters

STEP 4

Tap on the  button to save the record

Note

- After save the record, the information will displayed in the main screen as Figure 3.1.3-2
- User is allowed to delete the record by Tap on the  button
- User is allowed to edit the record by Tap on the  button

3.1.4 Vital Sign

To record Vital Sign, perform the step below:

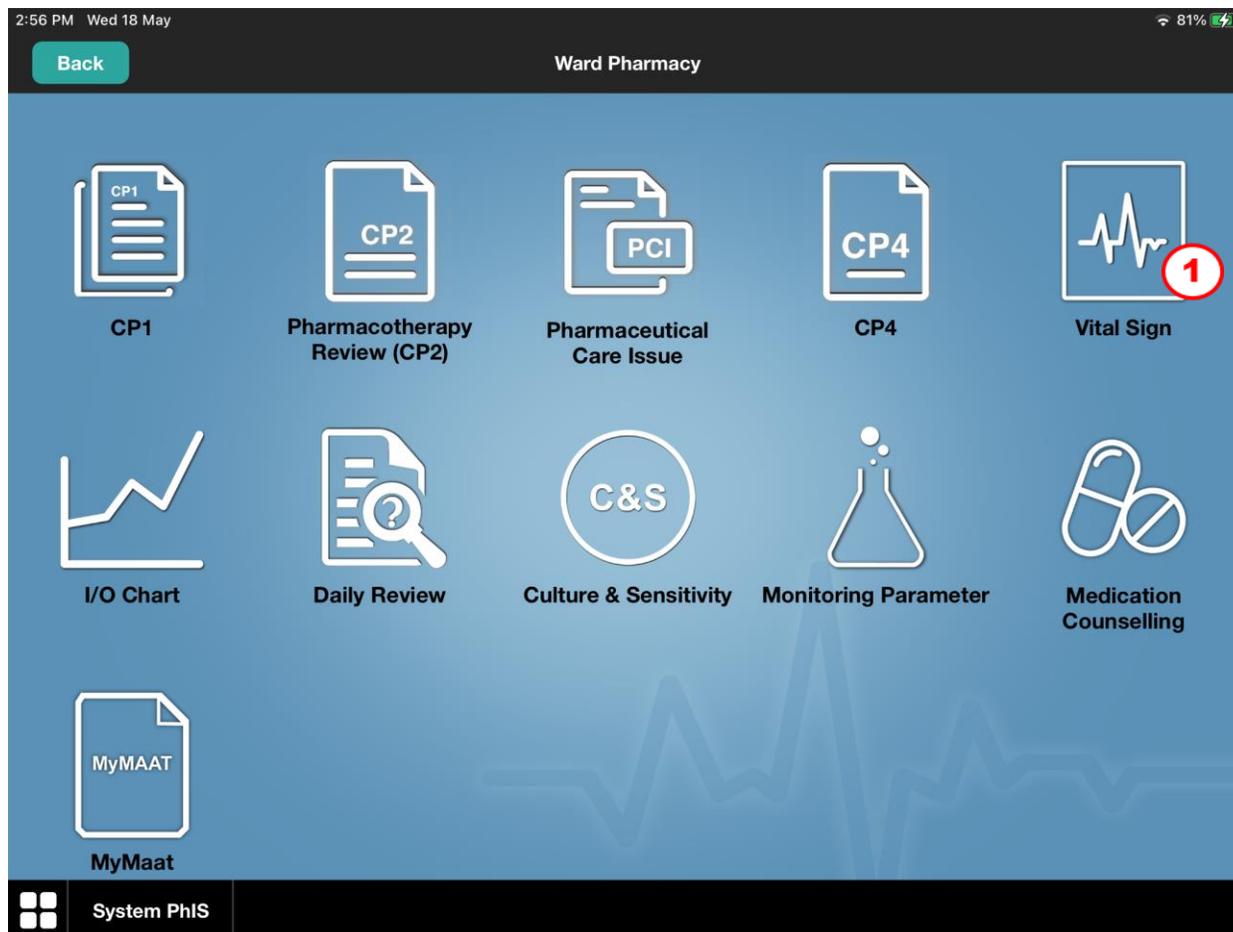


Figure 3.1.4-1 Vital Sign

STEP 1



Tap on the  tab from the Ward Pharmacy main screen

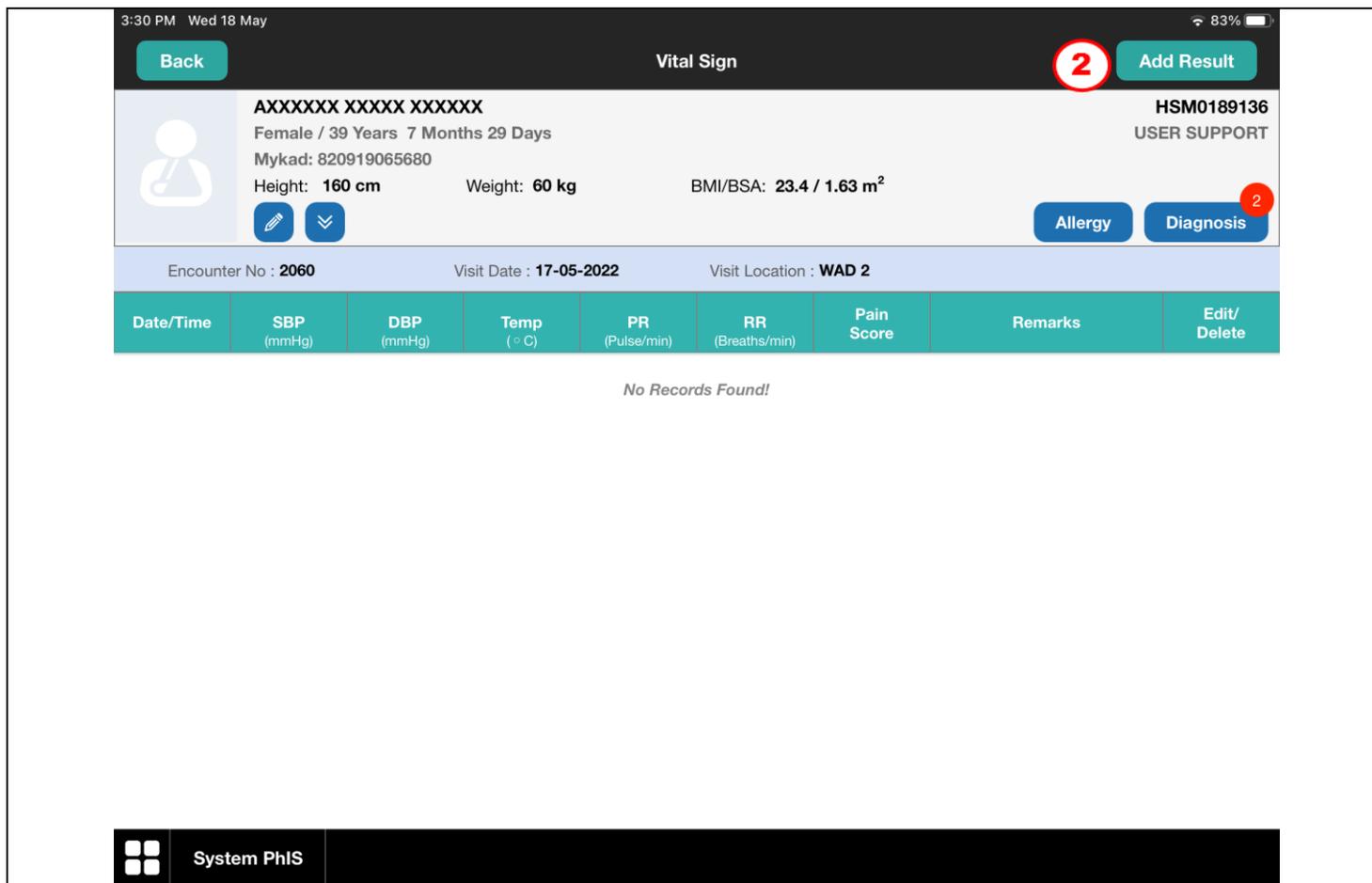


Figure 3.1.4-2 Vital Sign

STEP 2

Tap on the **Add Result** button

3:30 PM Wed 18 May 83%

Back Add Vital Sign Result Save

Date/Time 3 5

Vital Sign	Result	Adult	Children	Neonates	Infant
SBP (mmHg)	<input type="text" value="118"/>	120	95 - 105	60 - 90	
DBP (mmHg)	<input type="text" value="87"/>	80	53 - 66	20 - 60	
Temp (°C) 4	<input type="text" value="36.7"/>	37	36.5 - 37	36.5 - 37	
PR (Pulse/min)	<input type="text" value="66"/>	60 - 100	60 - 140	85 - 205	100 - 190
RR (Breaths/min)	<input type="text" value="13"/>	12 - 18	18 - 30	30 - 60	30 - 40
Pain Score	<input type="text" value="3"/>	0 - 10	0 - 10	0 - 10	0 - 10

Remarks

 System PhIS

Figure 3.1.4-3 Vital Sign Result

STEP 3

Select **Sample Date/Time**

STEP 4

Fill in necessary information

- a) **SBP (mmHg)**
- b) **DBP (mmHg)**
- c) **Temp (°C)**
- d) **PR (Pulse/min)**
- e) **RR (Breaths/min)**
- f) **Pain Score**
- g) **Remarks**

STEP 5

Tap on the Save button to add the information in to Result List

Note

- User is allowed to delete the record by Tap on the  button
- User is allowed to edit the record by Tap on the  button

3.1.5 I/O Chart

To record I/O Chart, perform the step below:

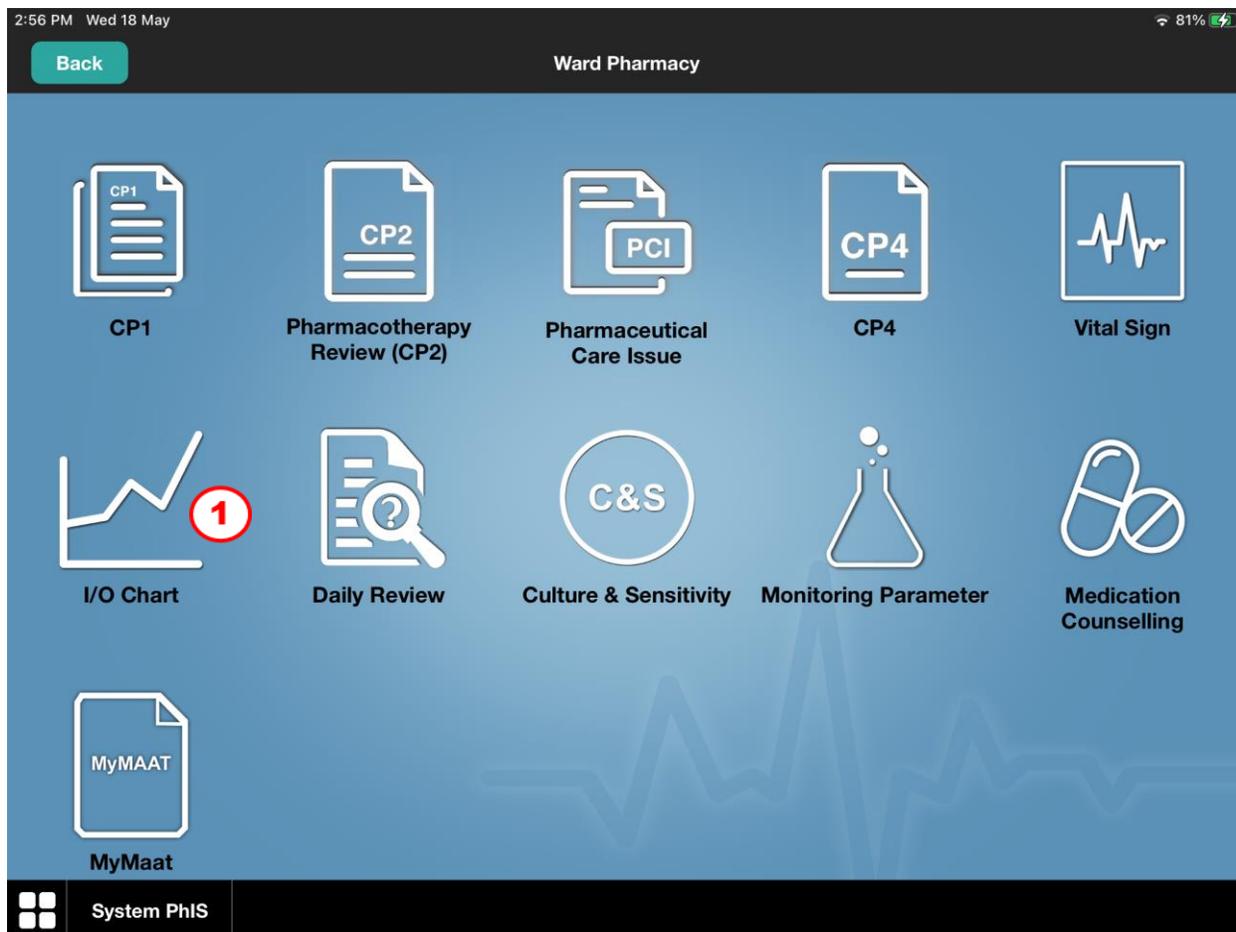


Figure 3.1.5-1 I/O Chart

STEP 1

Tap on the  tab from the Ward Pharmacy main screen

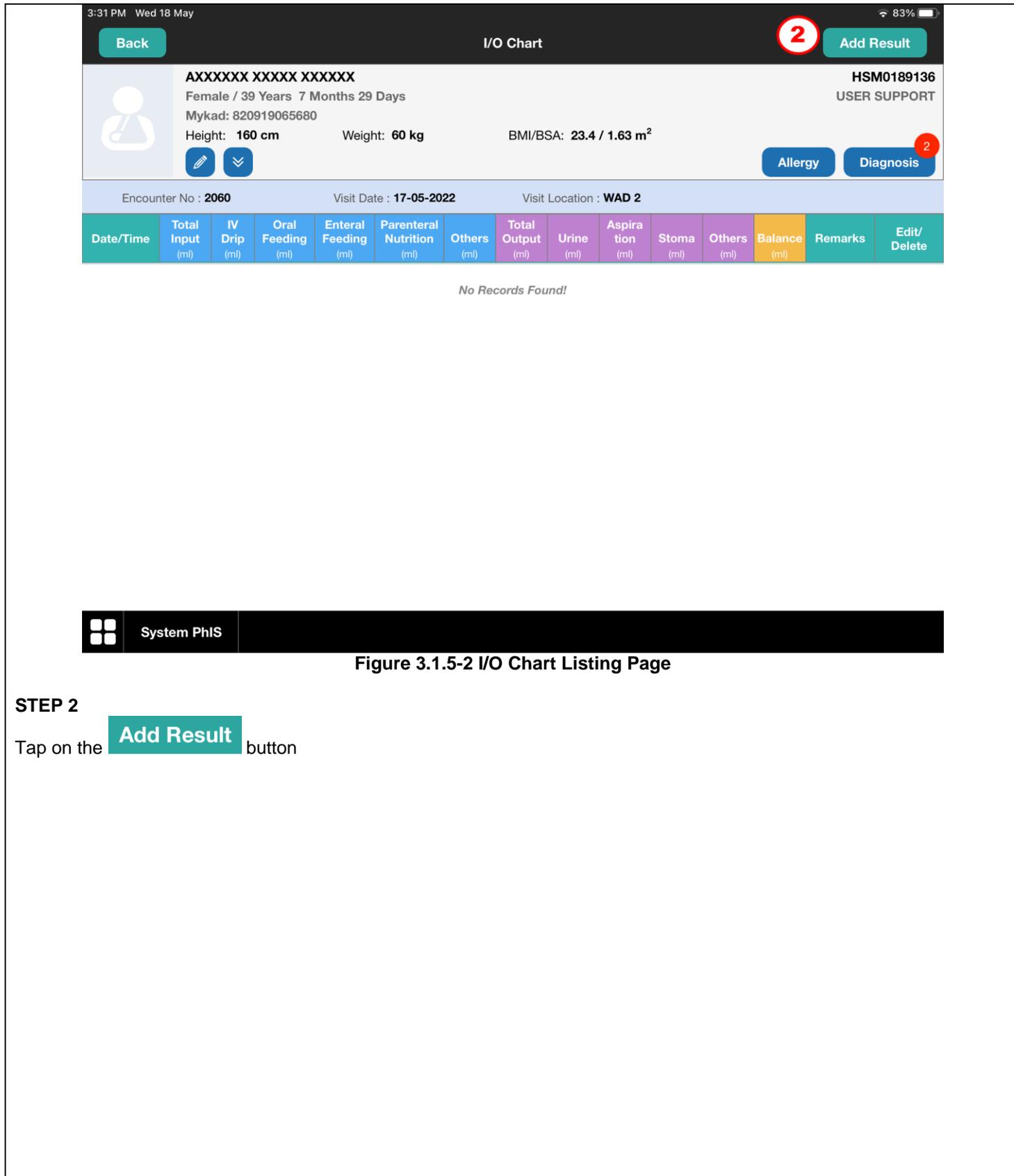
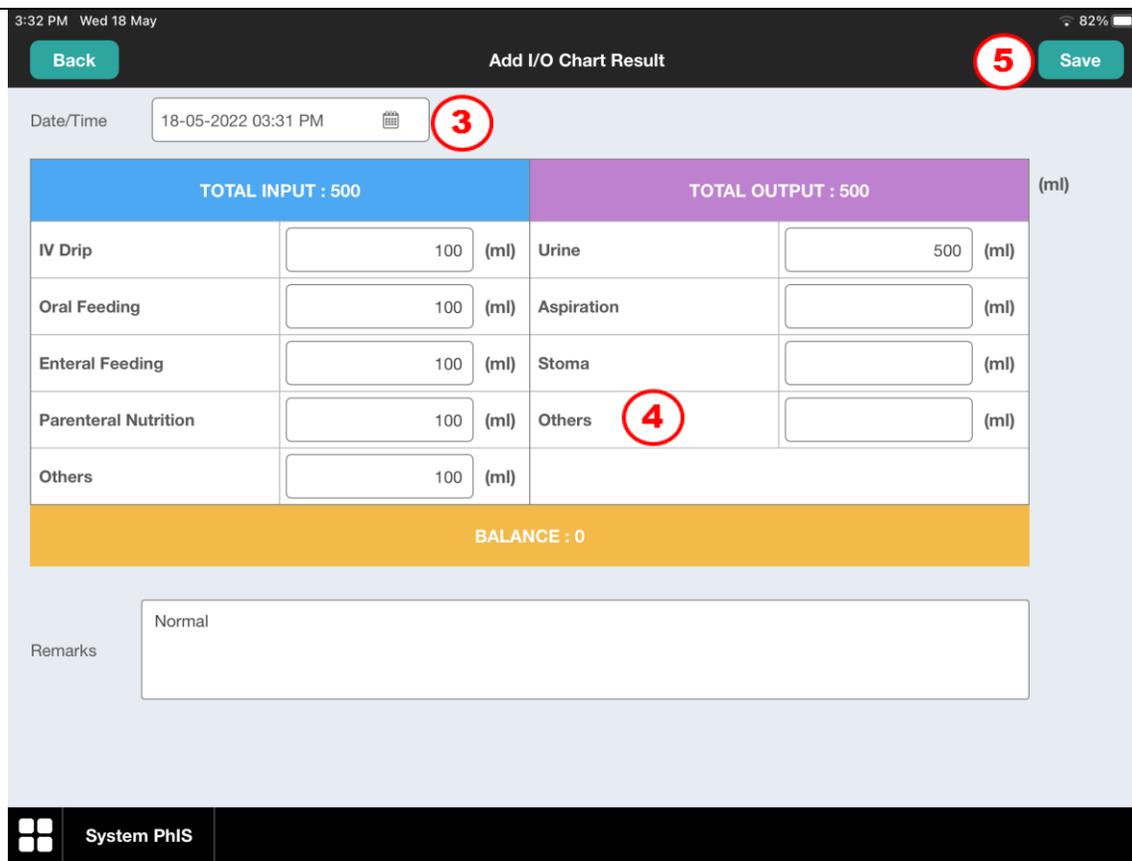


Figure 3.1.5-2 I/O Chart Listing Page

STEP 2

Tap on the **Add Result** button



3:32 PM Wed 18 May

Back Add I/O Chart Result 5 Save

Date/Time 18-05-2022 03:31 PM 3

TOTAL INPUT : 500		TOTAL OUTPUT : 500 (ml)	
IV Drip	100 (ml)	Urine	500 (ml)
Oral Feeding	100 (ml)	Aspiration	(ml)
Enteral Feeding	100 (ml)	Stoma	(ml)
Parenteral Nutrition	100 (ml)	Others 4	(ml)
Others	100 (ml)		
BALANCE : 0			

Remarks Normal

System PhIS

Figure 3.1.5-3 I/O Chart Results

STEP 3

Select **Sample Date/Time**

STEP 4

Fill in all necessary information

- IV Drip**
- Oral Feeding**
- Enteral Feeding**
- Parenteral Nutrition**
- Others**
- Urine**
- Aspiration**
- Stoma**
- Others**
- Remarks**

STEP 5

Tap on the  button to add the information in to Result List

Note

- User is allowed to delete the record by Tap on the  button
- User is allowed to edit the record by Tap on the  button

3.1.6 Monitoring Parameter

To record Monitoring Parameter, perform the step below:

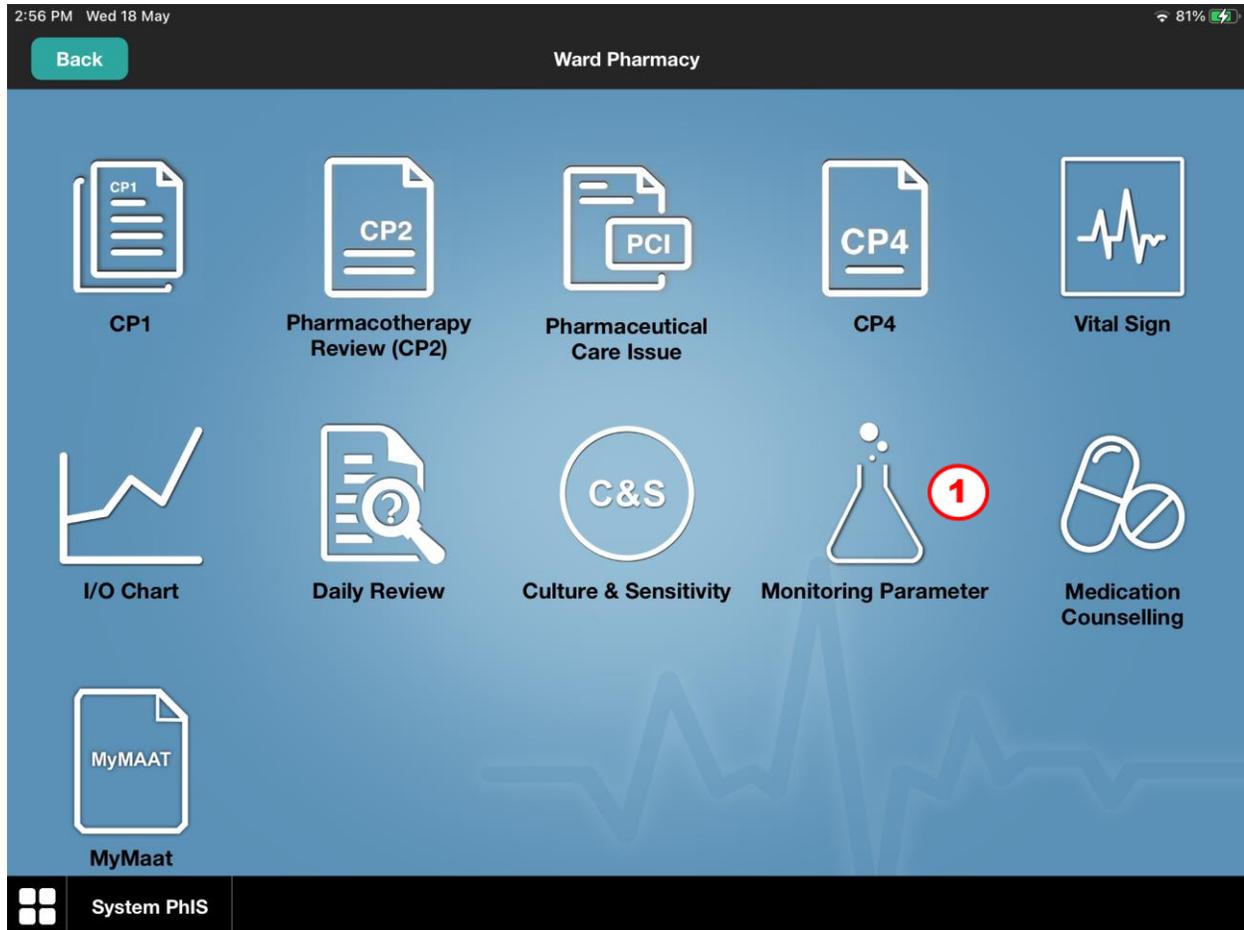


Figure 3.1.6-1 Monitoring Parameter

STEP 1

Tap on the  tab from the Ward Pharmacy main screen

STEP 2

Select Monitoring Parameter that consist of:

- a) **FBC**
- b) **BUSE/RP**
- c) **LFT**
- d) **COAG**
- e) **CE**
- f) **Urine FEME**
- g) **LP**
- h) **Blood Sugar**
- i) **ABG**
- j) **Thyroid**
- k) **RVD**
- l) **Hepatitis**
- m) **Drug Urine Test**
- n) **Others**

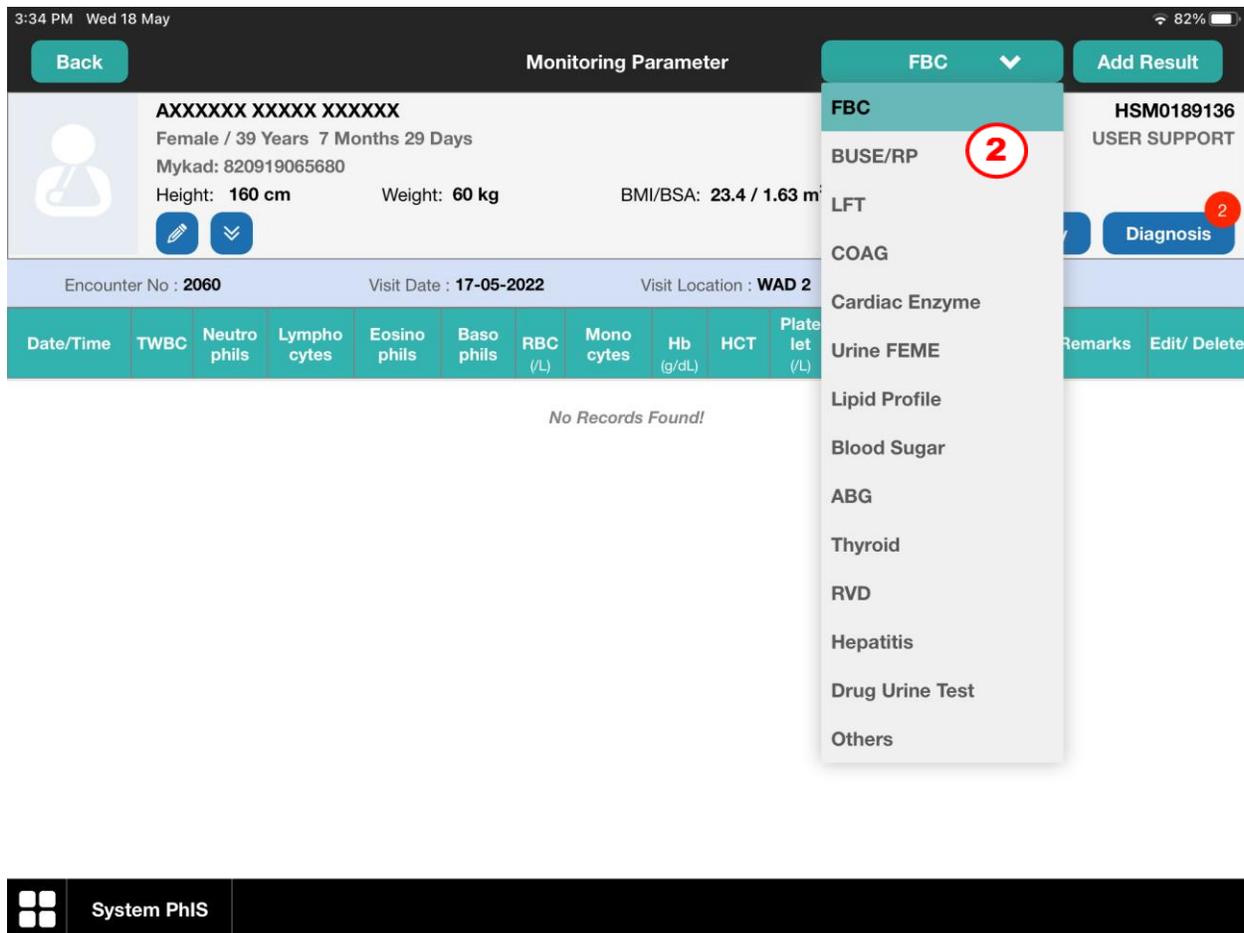
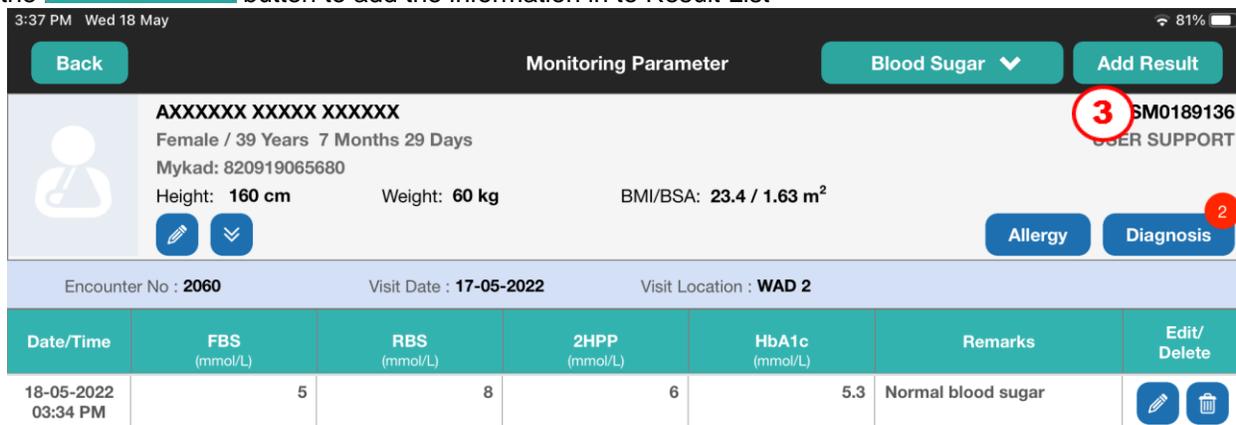


Figure 3.1.6-2 Monitoring Parameter

STEP 3

Tap on the **Add Result** button to add the information in to Result List



3:37 PM Wed 18 May 81%

Back Monitoring Parameter Blood Sugar ▾ Add Result

AXXXXXX XXXXX XXXXXX SM0189136
 Female / 39 Years 7 Months 29 Days
 Mykad: 820919065680
 Height: 160 cm Weight: 60 kg BMI/BSA: 23.4 / 1.63 m²
 Allergy Diagnosis

Encounter No : 2060 Visit Date : 17-05-2022 Visit Location : WAD 2

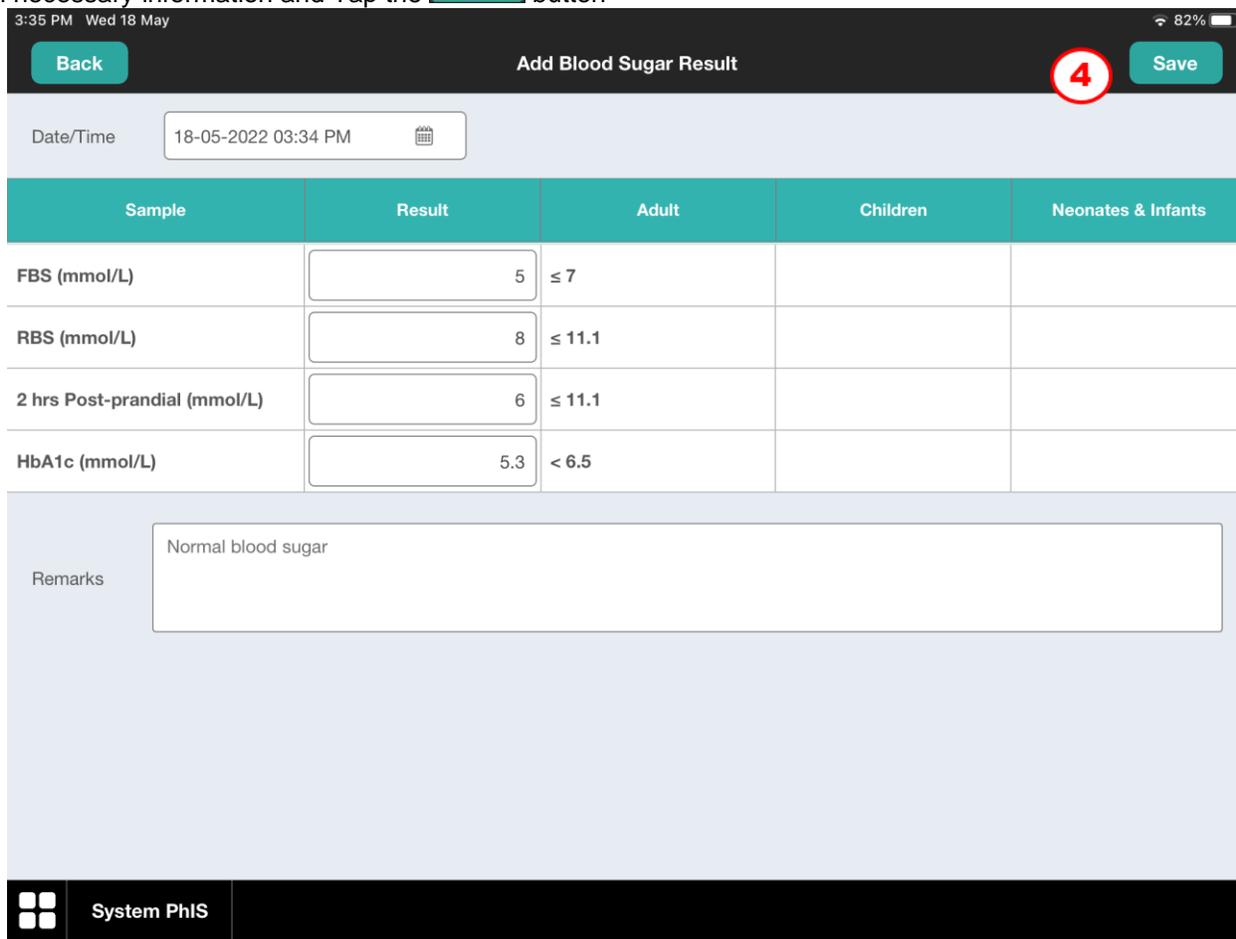
Date/Time	FBS (mmol/L)	RBS (mmol/L)	2HPP (mmol/L)	HbA1c (mmol/L)	Remarks	Edit/Delete
18-05-2022 03:34 PM	5	8	6	5.3	Normal blood sugar	Edit/Delete



Figure 3.1.6-3 Monitoring Parameter

STEP 4

Fill in all necessary information and Tap the  button



3:35 PM Wed 18 May 82%

Back Add Blood Sugar Result Save

Date/Time 18-05-2022 03:34 PM

Sample	Result	Adult	Children	Neonates & Infants
FBS (mmol/L)	5	≤ 7		
RBS (mmol/L)	8	≤ 11.1		
2 hrs Post-prandial (mmol/L)	6	≤ 11.1		
HbA1c (mmol/L)	5.3	< 6.5		

Remarks
Normal blood sugar

System PhIS

Figure 3.1.6-4 Monitoring Parameter

Note

- User is allowed to delete the record by Tap on the  button
- User is allowed to edit the record by Tap on the  button
- The step is the same for all other Monitoring Parameter

3.1.7 C&S

To record C&S, perform the step below:

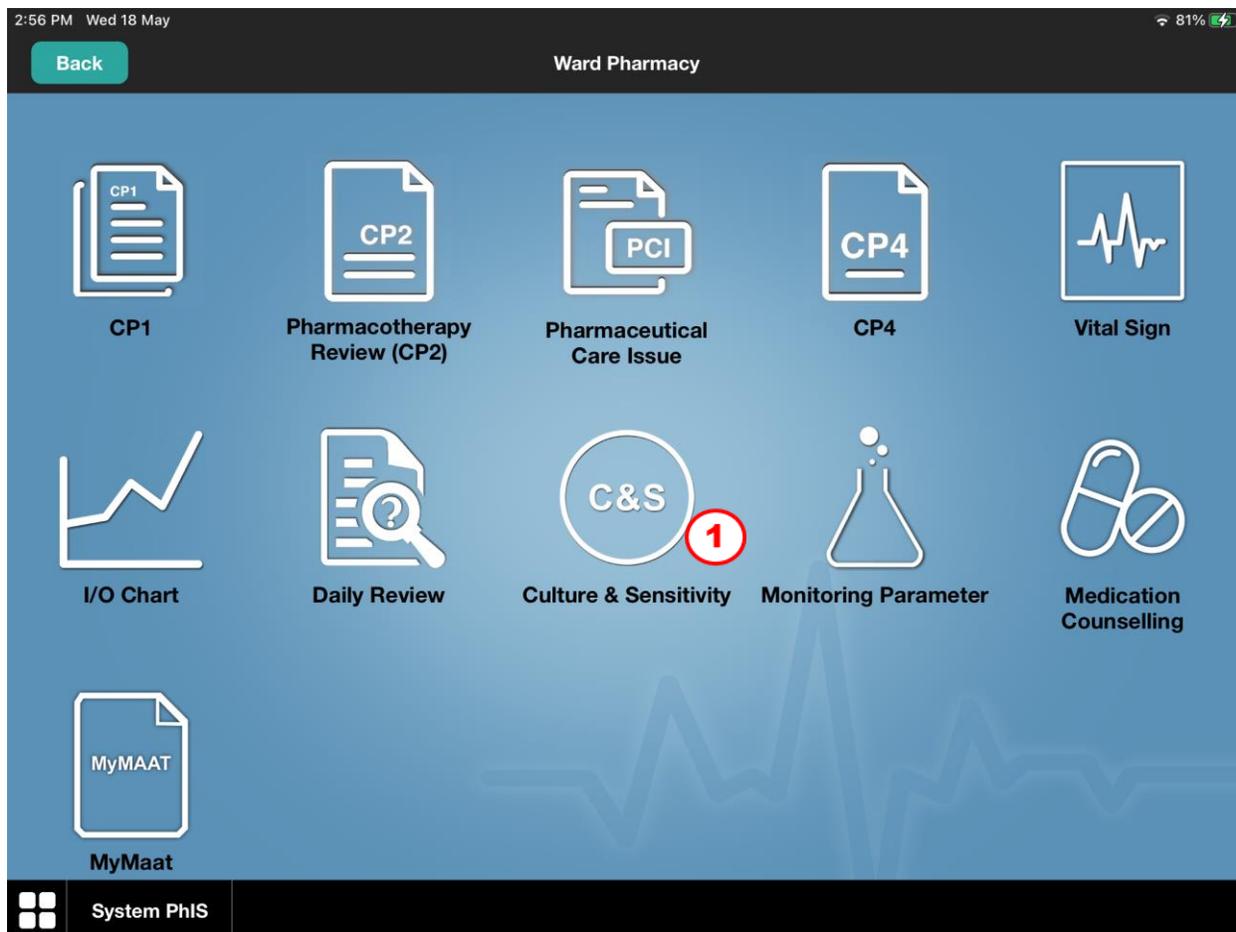


Figure 3.1.7-1 C&S

STEP 1



Tap on the  tab from the Ward Pharmacy main screen

3:38 PM Wed 18 May 81%

Back Culture & Sensitivity Result (C & S) 2 Add C&S Result



AXXXXXX XXXXX XXXXXX

Female / 39 Years 7 Months 29 Days

Mykad: 820919065680

Height: **160 cm** Weight: **60 kg** BMI/BSA: **23.4 / 1.63 m²**

HSM0189136

USER SUPPORT

Allergy
Diagnosis

Encounter No : **2060** Visit Date : **17-05-2022** Visit Location : **WAD 2**

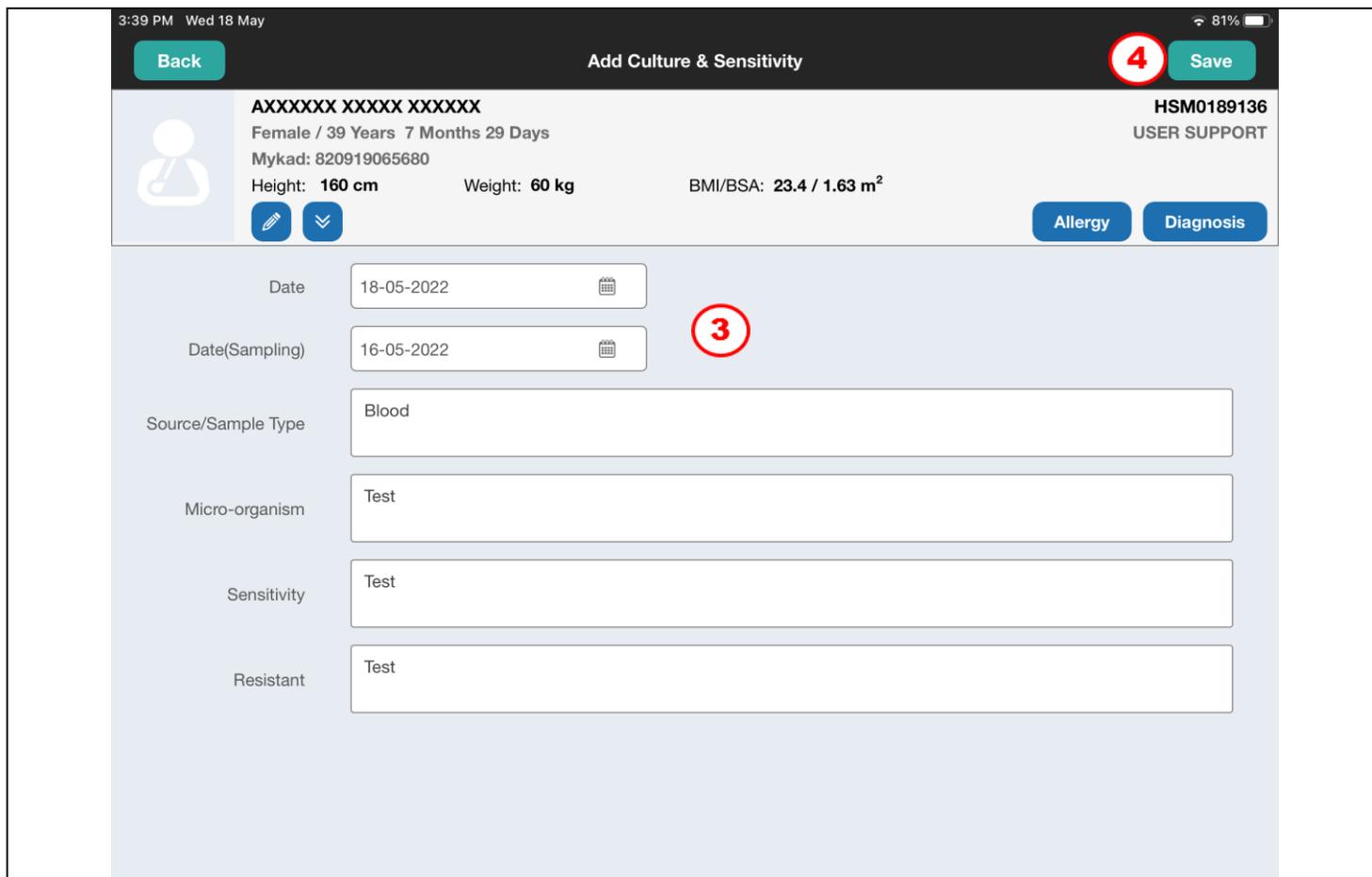
Date	Date (Sampling)	Source/Sample Type	Micro-Organism	Sensitivity	Resistant	Edit/ Delete
<i>No Records Found!</i>						



Figure 3.1.7-2 C&S

STEP 2

Tap on the Add C&S Result button and C&S Result screen will displayed as Figure 3.1.7-3



3:39 PM Wed 18 May

Back Add Culture & Sensitivity Save

AXXXXXX XXXXX XXXXXX HSM0189136
Female / 39 Years 7 Months 29 Days USER SUPPORT
Mykad: 820919065680
Height: 160 cm Weight: 60 kg BMI/BSA: 23.4 / 1.63 m²

Allergy Diagnosis

Date 18-05-2022

Date(Sampling) 16-05-2022

Source/Sample Type Blood

Micro-organism Test

Sensitivity Test

Resistant Test

Figure 3.1.7-3 C&S Result

STEP 3

Fill in all the necessary information

- Date**
- Date (Sampling)**
- Source/Sample Type**
- Micro-organism**
- Sensitivity**
- Resistant**

Note

user is allow to edit **Date** with the condition of 5 days backdated

STEP 4

Tap on the  button to save the record

3:39 PM Wed 18 May 81%

Back Culture & Sensitivity Result (C & S) **Add C&S Result**



AXXXXXX XXXXX XXXXXX

Female / 39 Years 7 Months 29 Days

Mykad: 820919065680

Height: **160 cm** Weight: **60 kg** BMI/BSA: **23.4 / 1.63 m²**

HSM0189136

USER SUPPORT

Allergy
Diagnosis

Encounter No : **2060** Visit Date : **17-05-2022** Visit Location : **WAD 2**

Date	Date (Sampling)	Source/Sample Type	Micro-Organism	Sensitivity	Resistant	Edit/ Delete
18-05-2022	16-05-2022	Blood	Test	Test	Test	 



Figure 3.1.7-4 C&S Result

Note

- User is allowed to delete the record by Tap on the  button
- User is allowed to edit the record by Tap on the  button

3.1.8 Pharmaceutical Care Issue

To record Pharmaceutical Care Issue, perform the step below:

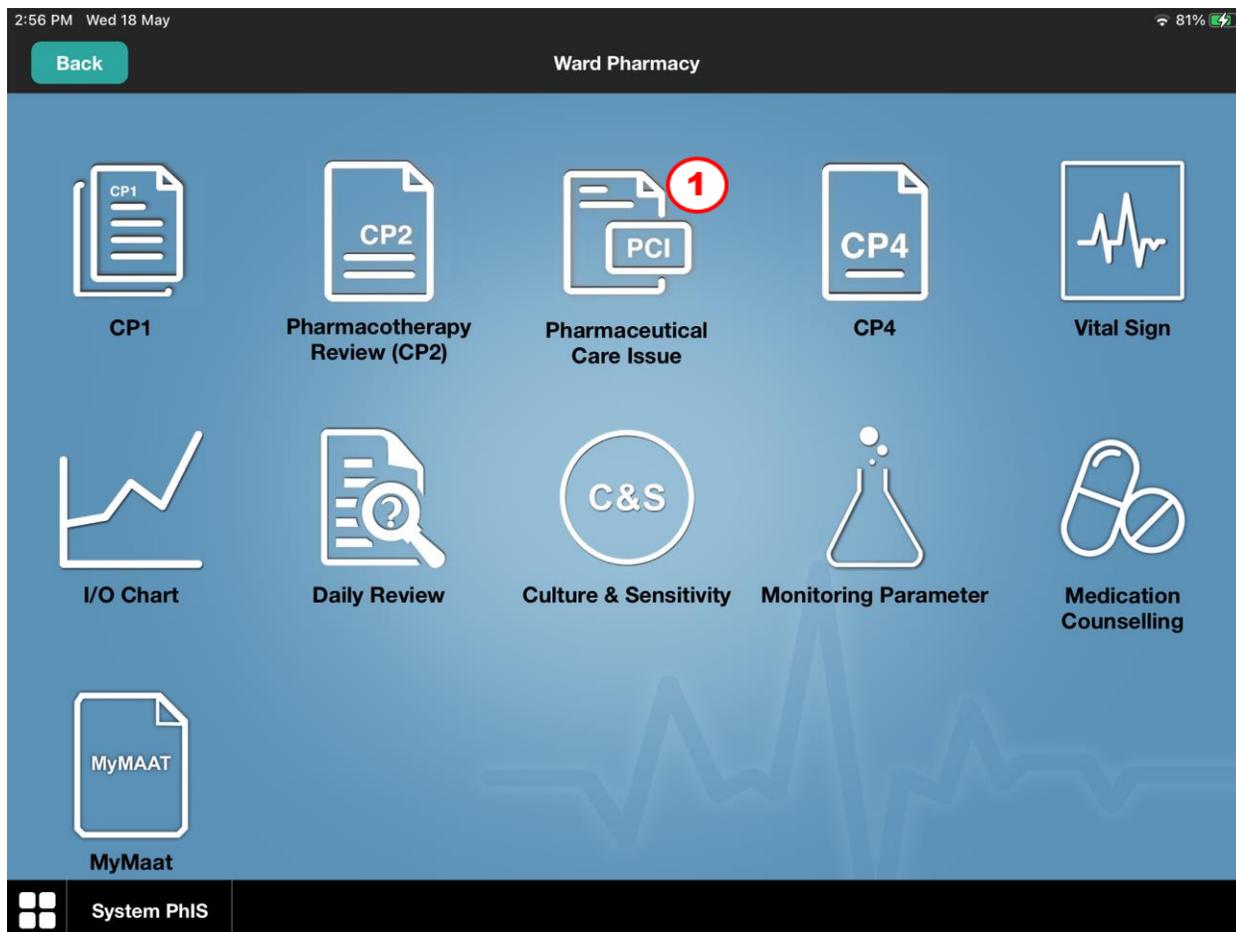


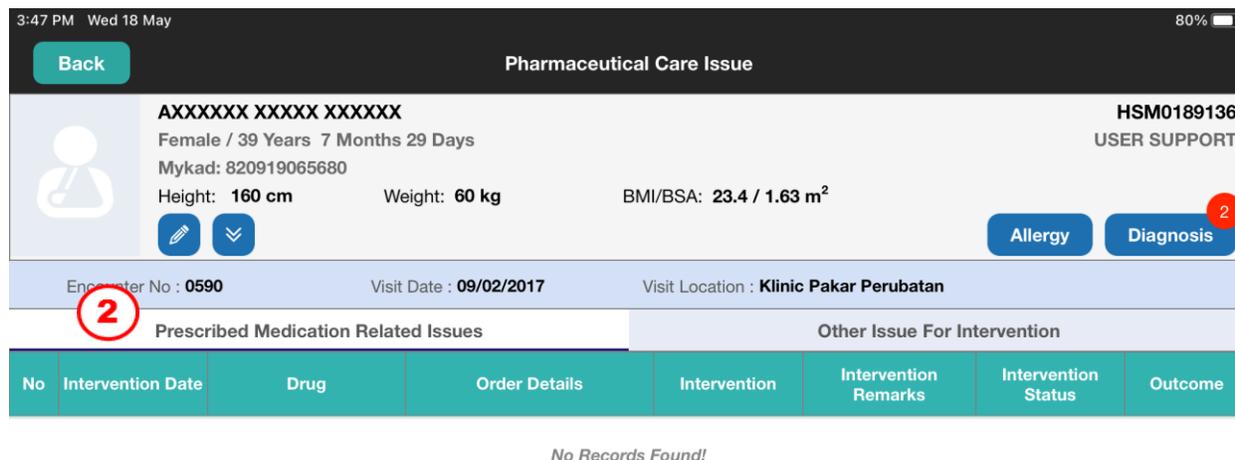
Figure 3.1.8-1 Pharmaceutical Care Issue

STEP 1

Tap on the  tab on the Ward Pharmacy main screen

STEP 2

Tap on the **Prescribed Medication Related Issues** to view the prescribed medications interventions



3:47 PM Wed 18 May 80%

Back Pharmaceutical Care Issue

AXXXXXX XXXXX XXXXXX **HSM0189136**
 Female / 39 Years 7 Months 29 Days **USER SUPPORT**
 Mykad: 820919065680
 Height: **160 cm** Weight: **60 kg** BMI/BSA: **23.4 / 1.63 m²**

Encounter No : **0590** Visit Date : **09/02/2017** Visit Location : **Klinik Pakar Perubatan**

2 **Prescribed Medication Related Issues** Other Issue For Intervention

No	Intervention Date	Drug	Order Details	Intervention	Intervention Remarks	Intervention Status	Outcome
No Records Found!							

Allergy **Diagnosis** **2**



Figure 3.1.8-2 Prescribes Medication Related Issues Screen

Note

This section is for viewing purpose only and the record is from the intervention done by Pharmacist at Dispensing level, user can fill in the 'Outcome' field only

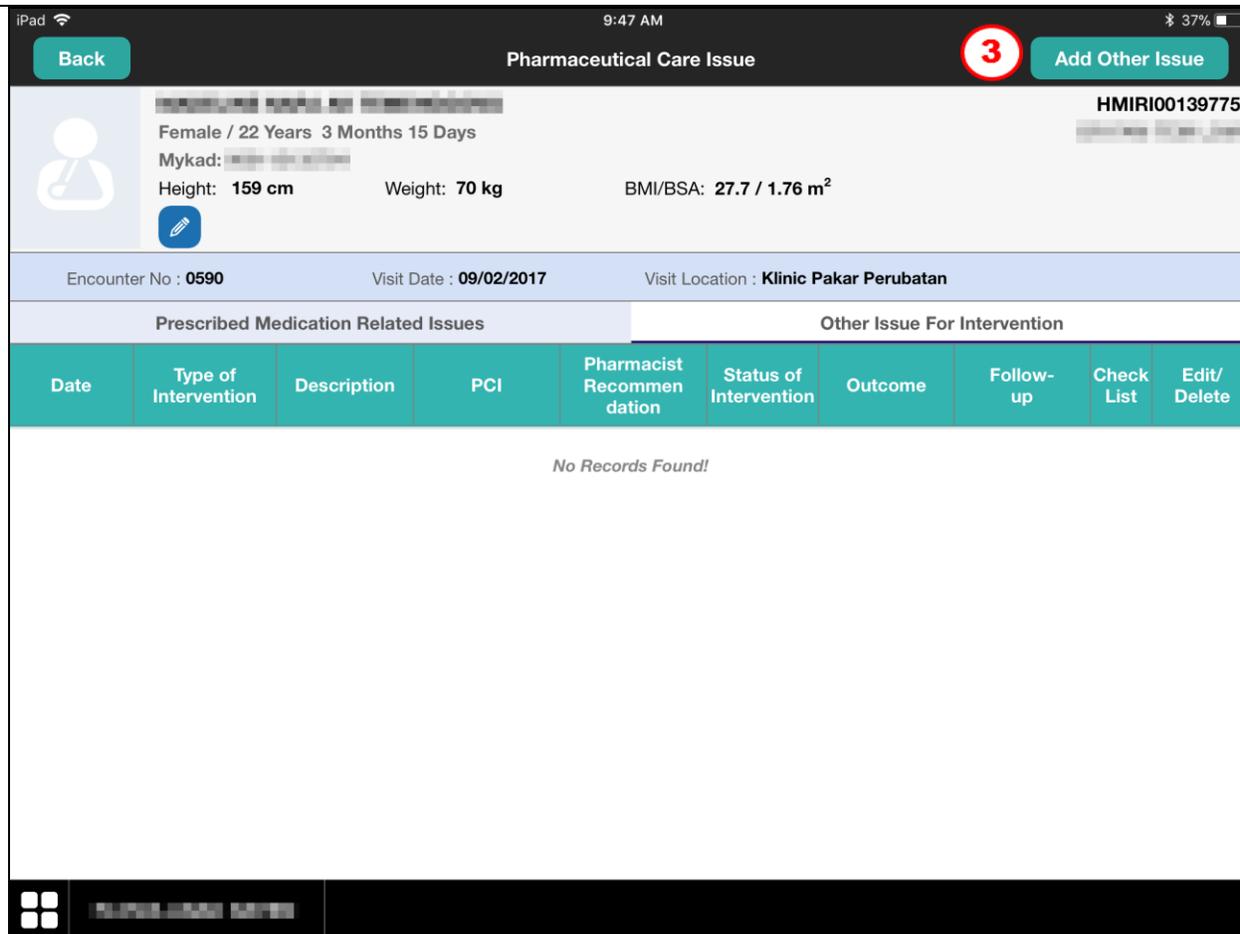
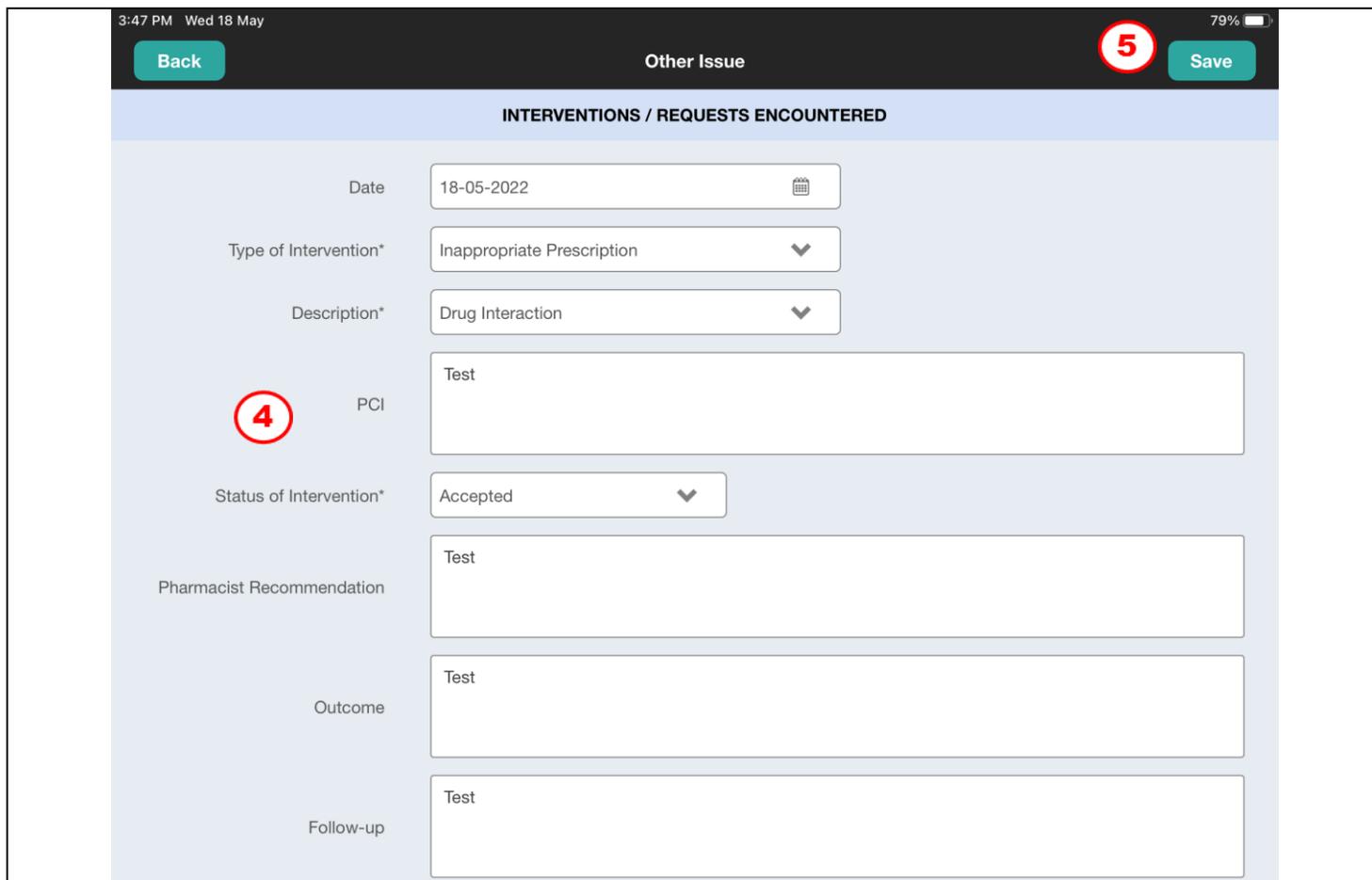


Figure 3.1.8-3 Other Issues

STEP 3

Tap at the **Add Other Issue** button to add other issues for intervention



3:47 PM Wed 18 May 79%

Back Other Issue Save

INTERVENTIONS / REQUESTS ENCOUNTERED

Date 18-05-2022

Type of Intervention* Inappropriate Prescription

Description* Drug Interaction

4 PCI Test

Status of Intervention* Accepted

Pharmacist Recommendation Test

Outcome Test

Follow-up Test

Figure 3.1.8-4 Other Issues

STEP 4

Enter '*Other Issues*' if applicable

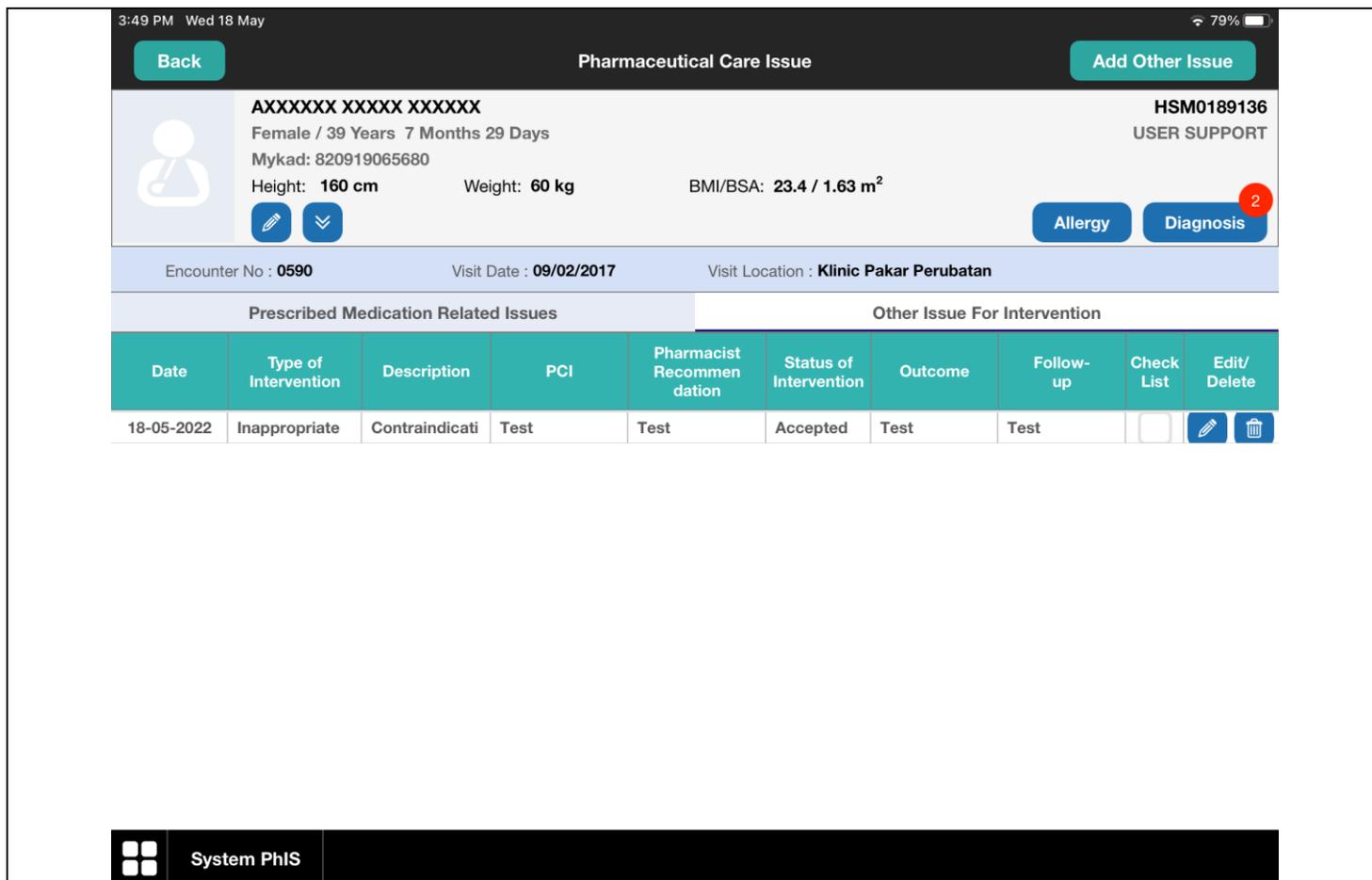
- a) *Date*
- b) *Type of Intervention*
- c) *Description*
- d) *PCI*
- e) *Status of Intervention*
 - *Accepted*
 - *Not Accepted*
 - *Not Available*
- f) *Pharmacist Recommendation*
- g) *Outcome*
- h) *Follow-up*

Note

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

STEP 5

Tap on the  button to add the record and it will display in Interventions section as Figure 3.1.8-5



3:49 PM Wed 18 May 79%

Back Pharmaceutical Care Issue Add Other Issue

AXXXXXX XXXXX XXXXXX HSM0189136
 Female / 39 Years 7 Months 29 Days USER SUPPORT
 Mykad: 820919065680
 Height: 160 cm Weight: 60 kg BMI/BSA: 23.4 / 1.63 m²
 Allergy Diagnosis ²

Encounter No : 0590 Visit Date : 09/02/2017 Visit Location : Klinik Pakar Perubatan

Prescribed Medication Related Issues Other Issue For Intervention

Date	Type of Intervention	Description	PCI	Pharmacist Recommendation	Status of Intervention	Outcome	Follow-up	Check List	Edit/ Delete
18-05-2022	Inappropriate	Contraindicati	Test	Test	Accepted	Test	Test	<input type="checkbox"/>	 

System PhIS

Figure 3.1.8-5 Interventions

Note

- User is allowed to delete the record by Tap on the  button
- User is allowed to edit the record by Tap on the  button

3.1.9 CP4

To record CP4, perform the step below:

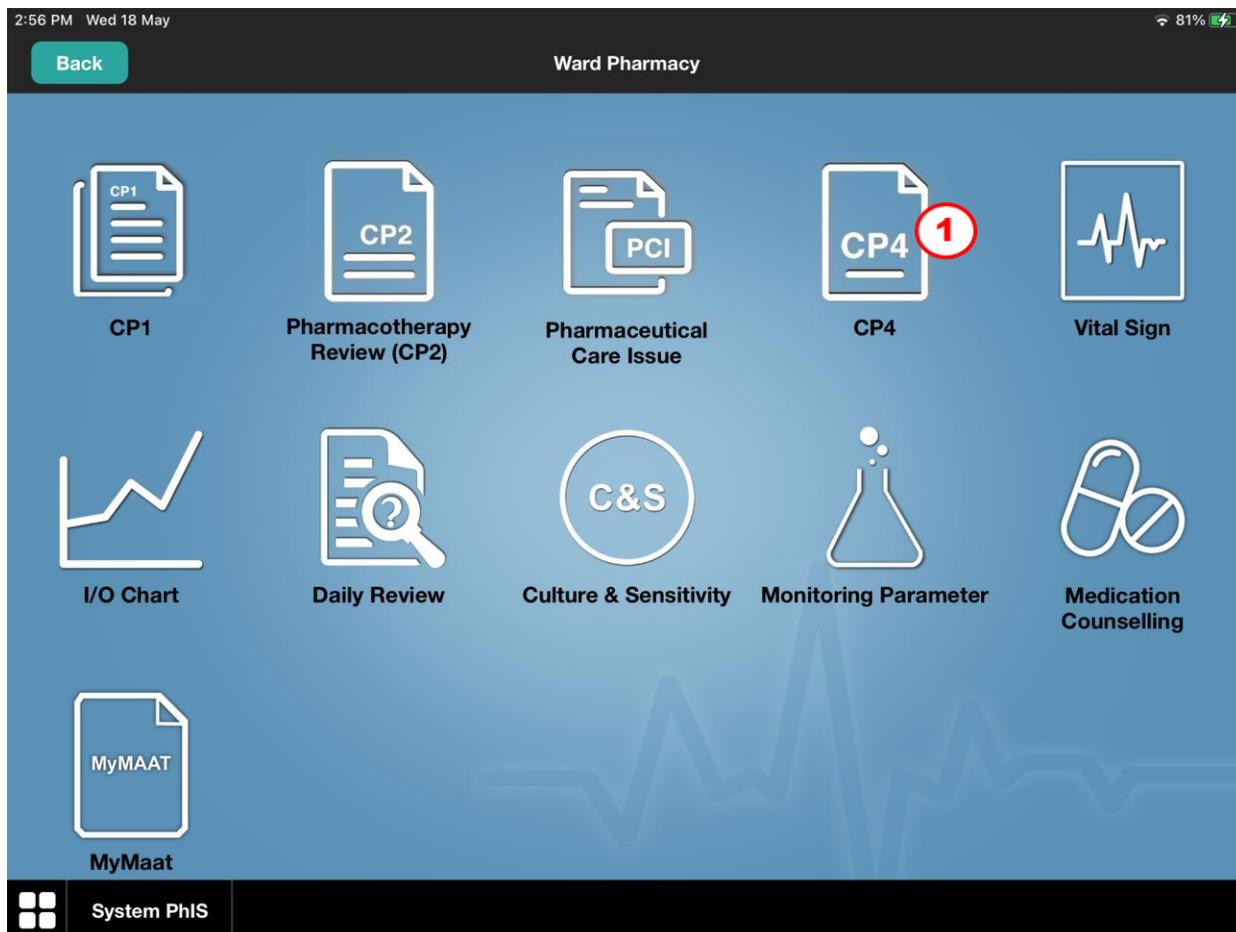
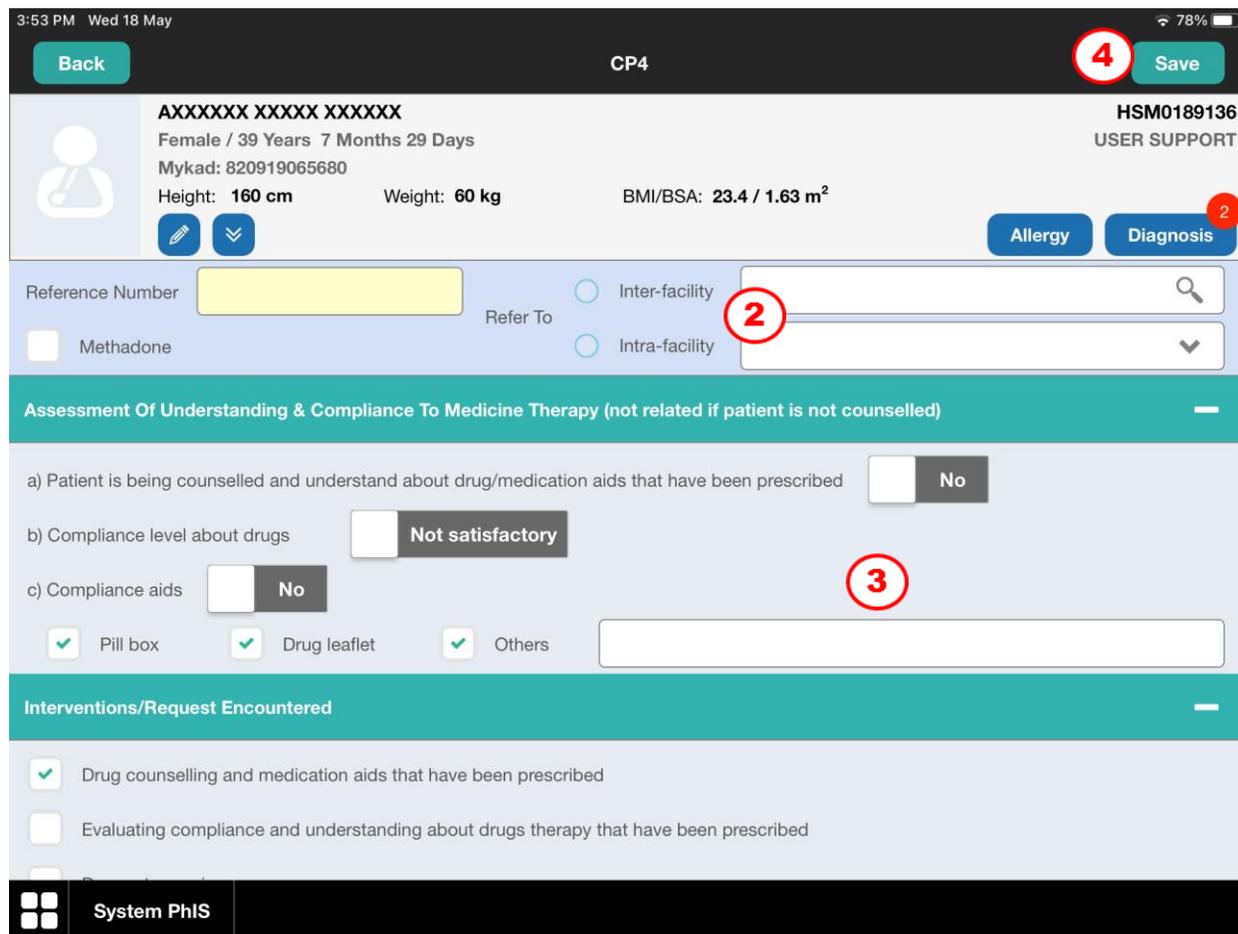


Figure 3.1.9-1 CP4

STEP 1

Tap on the  tab from the ward pharmacy main screen

To Record CP4



3:53 PM Wed 18 May CP4 78%

Back Save 4

AXXXXXX XXXXX XXXXXX HSM0189136
Female / 39 Years 7 Months 29 Days USER SUPPORT
Mykad: 820919065680
Height: 160 cm Weight: 60 kg BMI/BSA: 23.4 / 1.63 m²

Reference Number [] Refer To Inter-facility Intra-facility 2

Methadone

Assessment Of Understanding & Compliance To Medicine Therapy (not related if patient is not counselled)

a) Patient is being counselled and understand about drug/medication aids that have been prescribed No

b) Compliance level about drugs Not satisfactory

c) Compliance aids No 3

Pill box Drug leaflet Others []

Interventions/Request Encountered

Drug counselling and medication aids that have been prescribed

Evaluating compliance and understanding about drugs therapy that have been prescribed

System PhIS

Figure 3.1.9-2 CP4

STEP 2

Select **Refer To**

- a) **Inter-facility**
- b) **Intra-facility**

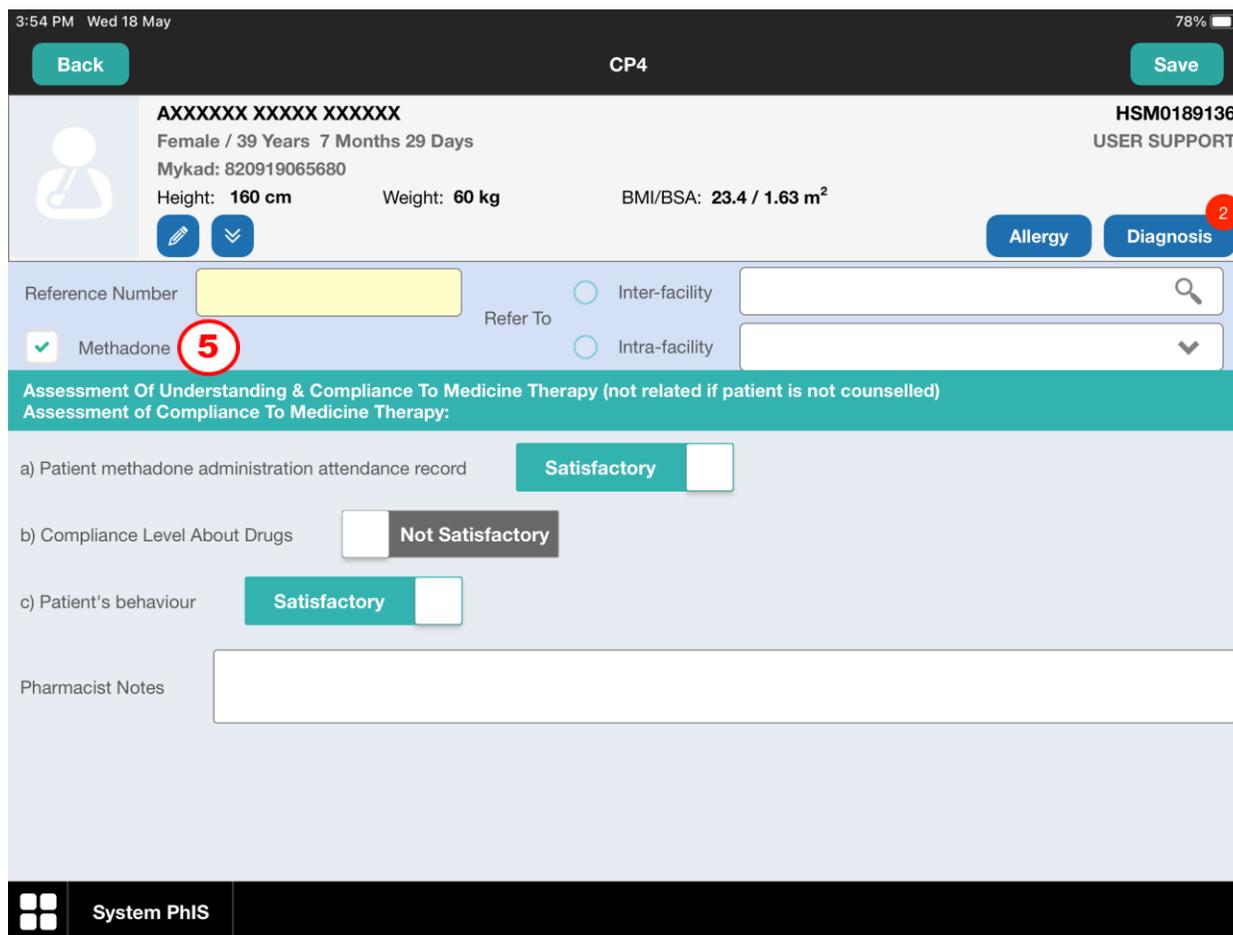
STEP 3

Fill up the question

STEP 4

Tap on the  button to save the record

To Record CP4 Methadone



3:54 PM Wed 18 May 78%

Back CP4 Save

AXXXXXX XXXXX XXXXXX HSM0189136
Female / 39 Years 7 Months 29 Days USER SUPPORT
Mykad: 820919065680
Height: 160 cm Weight: 60 kg BMI/BSA: 23.4 / 1.63 m²
Allergy Diagnosis 2

Reference Number Inter-facility
Methadone 5 Refer To Intra-facility

Assessment Of Understanding & Compliance To Medicine Therapy (not related if patient is not counselled)
Assessment of Compliance To Medicine Therapy:

a) Patient methadone administration attendance record Satisfactory

b) Compliance Level About Drugs Not Satisfactory

c) Patient's behaviour Satisfactory

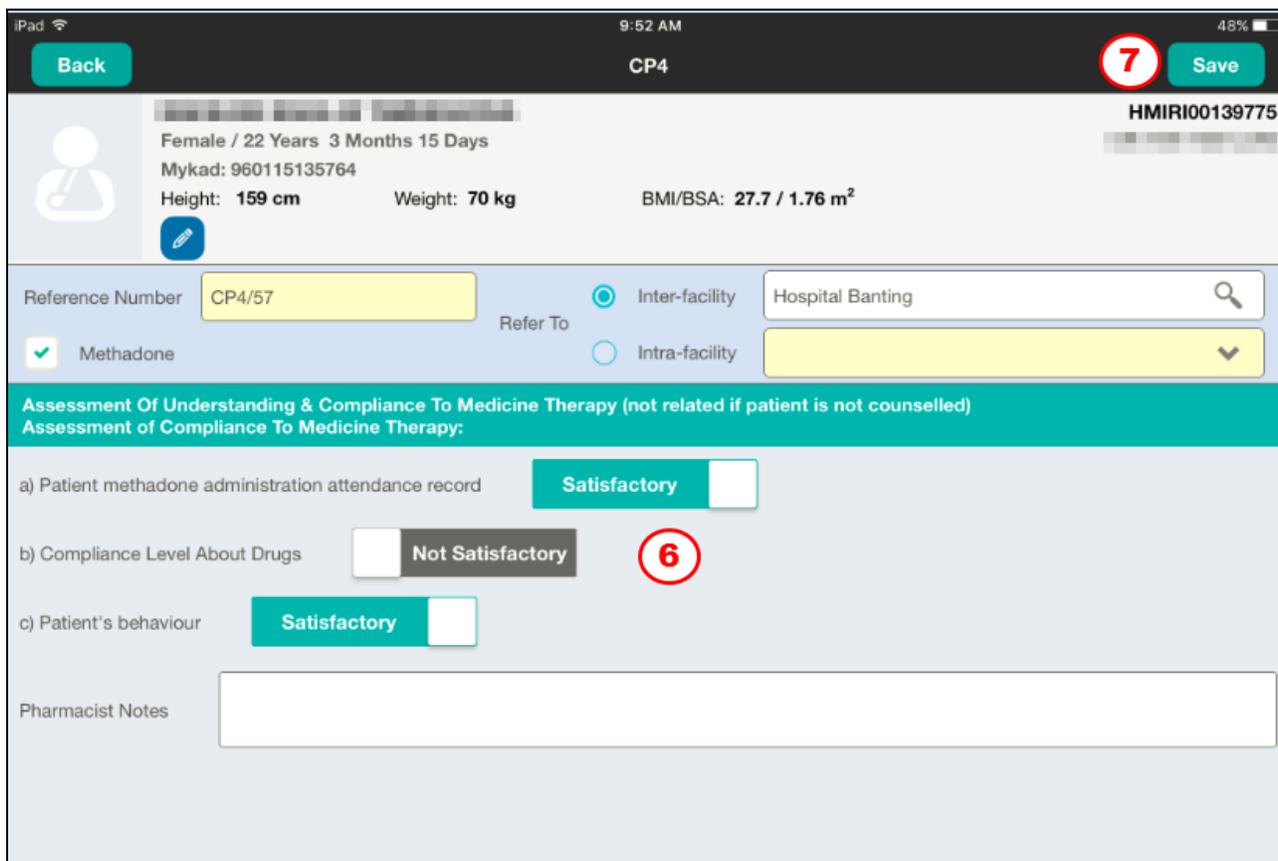
Pharmacist Notes

System PhIS

Figure 3.1.9-3 CP4 Methadone

STEP 5

Tap on the **Methadone** checkbox



iPad 9:52 AM 48%
Back CP4 7 Save
HMIRI00139775
Female / 22 Years 3 Months 15 Days
Mykad: 960115135764
Height: 159 cm Weight: 70 kg BMI/BSA: 27.7 / 1.76 m²
Reference Number CP4/57
Methadone Refer To Inter-facility Hospital Banting
 Intra-facility
Assessment Of Understanding & Compliance To Medicine Therapy (not related if patient is not counselled)
Assessment of Compliance To Medicine Therapy:
a) Patient methadone administration attendance record Satisfactory
b) Compliance Level About Drugs Not Satisfactory 6
c) Patient's behaviour Satisfactory
Pharmacist Notes

Figure 3.1.9-4 CP4 Methadone

STEP 6

Fill up the Assessment and Pharmacist Notes

STEP 7

Tap on the  button to save the record

3.1.10 MyMaat

To record MyMaat, perform the step below:

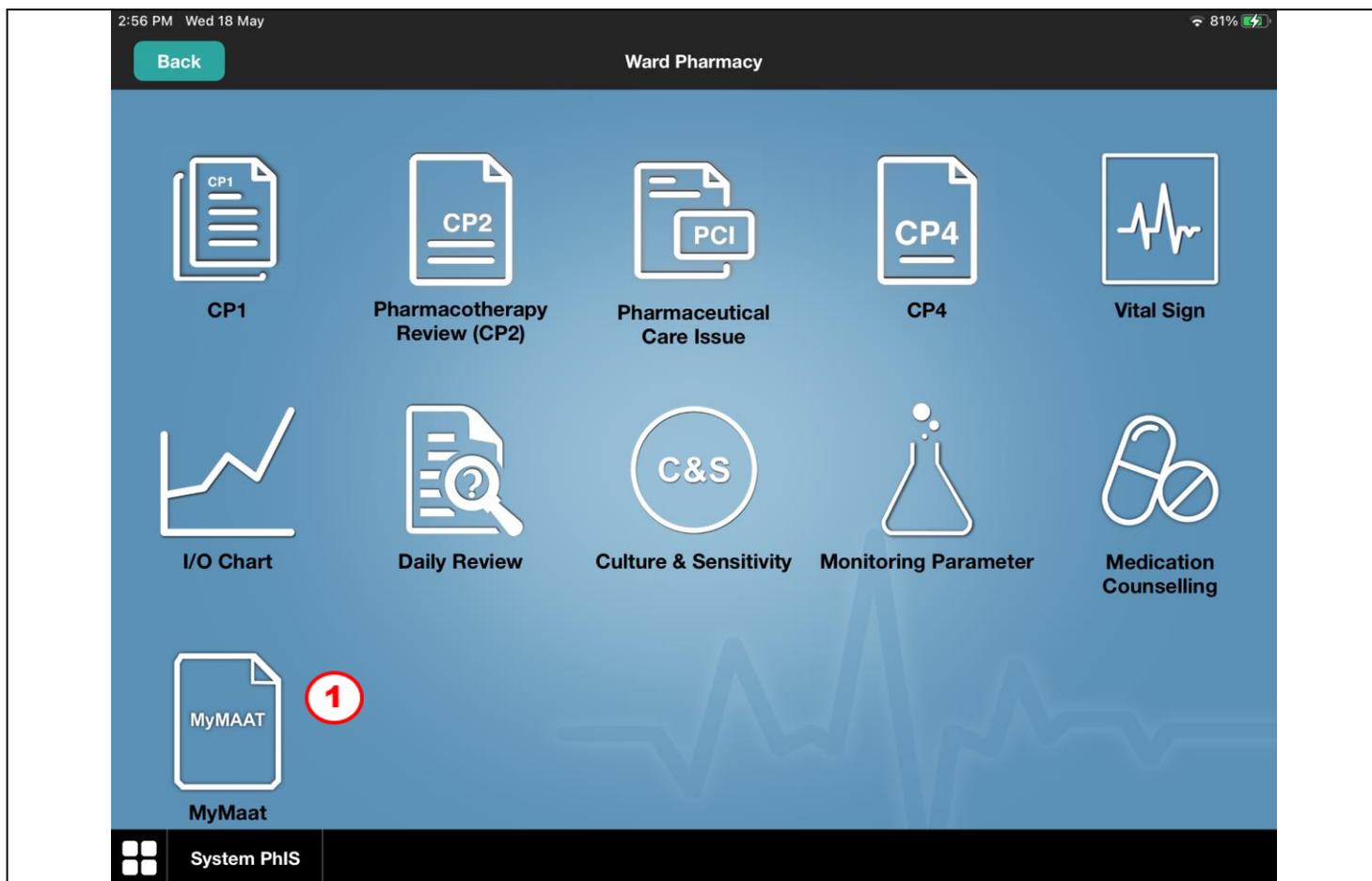


Figure 3.1.10-1 MyMaat

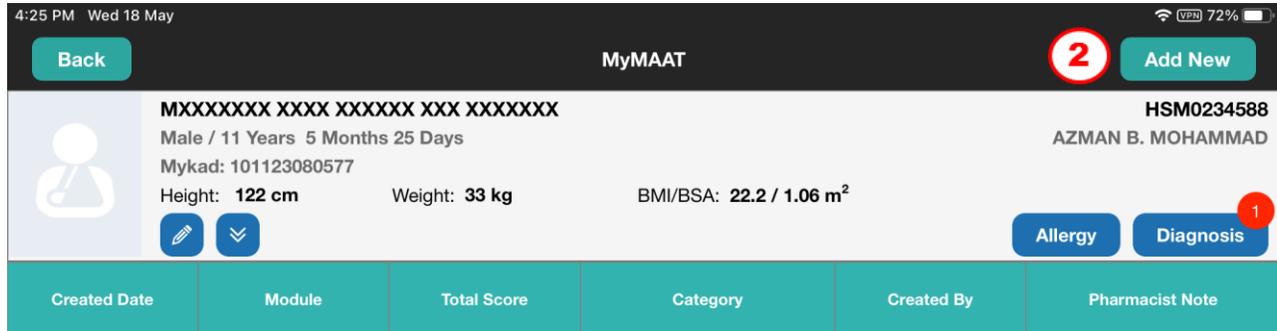
STEP 1



Tap on the  tab from the ward pharmacy main screen

STEP 2

Click at  button to create new record



4:25 PM Wed 18 May

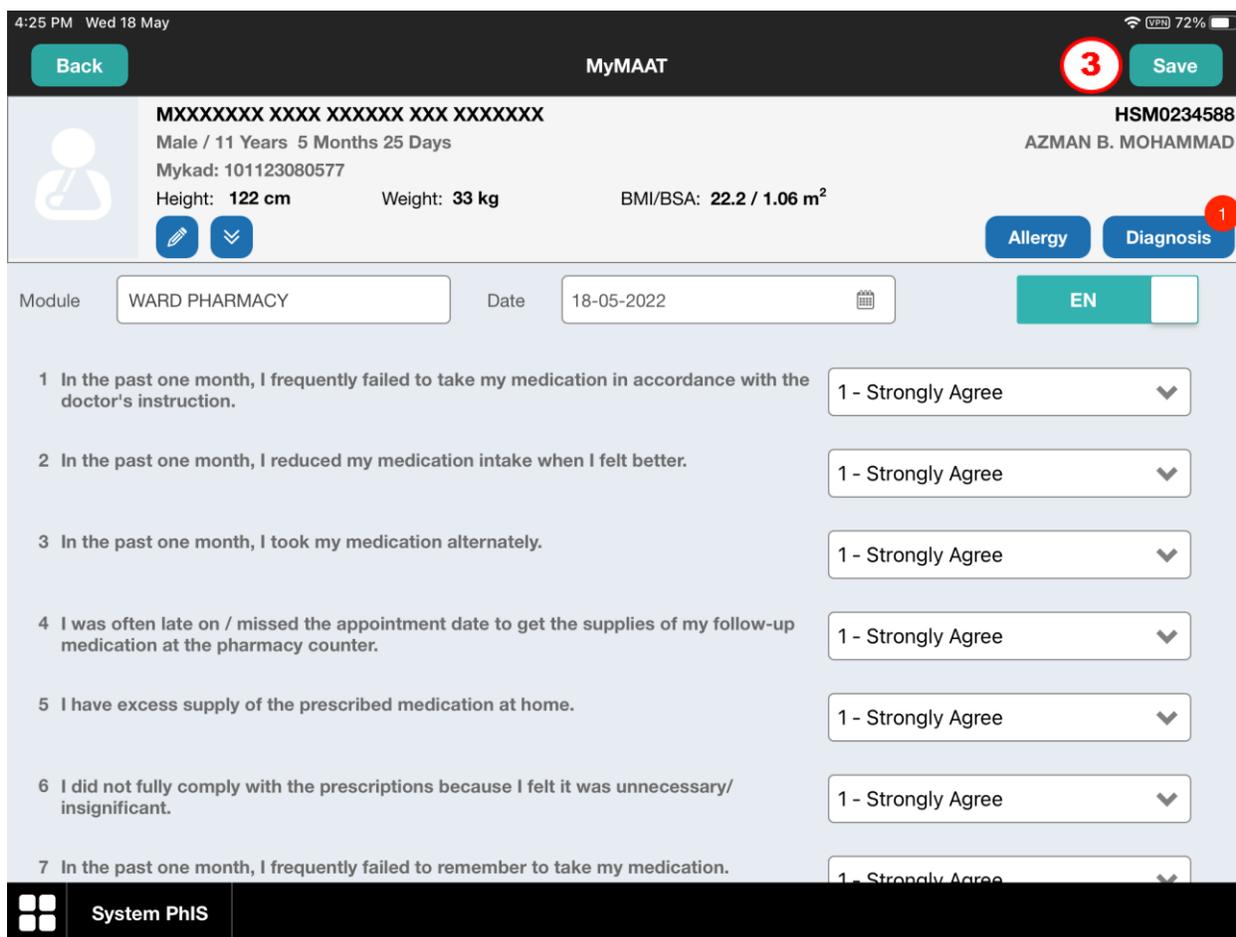
Back MyMAAT Add New

MXXXXXXXX XXXX XXXXXX XXX XXXXXXXX HSM0234588
Male / 11 Years 5 Months 25 Days AZMAN B. MOHAMMAD
Mykad: 101123080577
Height: 122 cm Weight: 33 kg BMI/BSA: 22.2 / 1.06 m²
Allergy Diagnosis

Created Date	Module	Total Score	Category	Created By	Pharmacist Note
--------------	--------	-------------	----------	------------	-----------------



Figure 3.1.10-2 MyMaat Add New Record



The screenshot shows the MyMAAT mobile application interface. At the top, the status bar displays the time (4:25 PM), date (Wed 18 May), and battery level (72%). The app header includes a 'Back' button, the title 'MyMAAT', a notification badge with the number '3', and a 'Save' button. The patient information section shows a masked name 'MXXXXXXXX XXXX XXXXXX XXX XXXXXXX', gender 'Male / 11 Years 5 Months 25 Days', Mykad '101123080577', height '122 cm', weight '33 kg', and BMI/BSA '22.2 / 1.06 m²'. The patient's name 'AZMAN B. MOHAMMAD' and ID 'HSM0234588' are also visible. There are 'Allergy' and 'Diagnosis' buttons, with a notification badge '1' on the 'Diagnosis' button. The assessment form is set for 'WARD PHARMACY' on '18-05-2022' with a language dropdown set to 'EN'. The assessment consists of seven statements, each with a dropdown menu set to '1 - Strongly Agree':

- 1 In the past one month, I frequently failed to take my medication in accordance with the doctor's instruction.
- 2 In the past one month, I reduced my medication intake when I felt better.
- 3 In the past one month, I took my medication alternately.
- 4 I was often late on / missed the appointment date to get the supplies of my follow-up medication at the pharmacy counter.
- 5 I have excess supply of the prescribed medication at home.
- 6 I did not fully comply with the prescriptions because I felt it was unnecessary/ insignificant.
- 7 In the past one month, I frequently failed to remember to take my medication.

At the bottom, there is a 'System PhIS' button.

Figure 3.1.10-3 MyMaat Assessment

Note

Fill in the details as per Figure 3.1.10-3

STEP 3

Click at the  button to save the assessment and system will display MyMaat as per Figure 3.1.10-4

4:27 PM Wed 18 May 72%

Back **MyMAAT**

MXXXXXXXX XXXX XXXXXX XXX XXXXXXXX

Male / 11 Years 5 Months 25 Days

Mykad: 101123080577

Height: **122 cm** Weight: **33 kg** BMI/BSA: **22.2 / 1.06 m²**

HSM0234588

AZMAN B. MOHAMMAD

Allergy
Diagnosis 1

Created Date	Module	Total Score	Category	Created By	Pharmacist Note
18 - 05 - 2022	WARD PHARMACY	53	Moderate and Poor Adherence	System PhIS	Test

System PhIS

Figure 3.1.10-4 MyMaat

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