

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

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## **User Manual Methadone Dispensing**

<b>Version</b>	<b>: 13<sup>th</sup> Edition</b>
<b>Document ID</b>	<b>: U. MANUAL_METHADONE DISPENSING</b>



PhIS & CPS Project  
User Manual – Methadone Dispensing



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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 Methadone Dispensing 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:

- Methadone Dispensing
- Methadone Counselling Reporting
- Methadone MTAC Reporting

### 1.3 Organized Sections

These are the sections within this document:

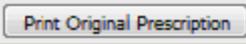
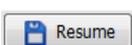
- Section 1: Introduction
- Section 2: Application Standard Features
- Section 3: Methadone Dispensing
- Section 4: Acronyms
- Section 5: Links to Clinical Modules

## 2.0 Application Standard Features

### 2.1 PhIS Legend

Standard Legend			
	Login to PhIS		Logout from PhIS
	Change Login Password		Reset Login Screen
	Expand Menu		Collapse Menu
	Display Home Tab		Expand Module
	Collapse Module		Close All Open Tabs
	Refresh Screen		Search Record
	Add/Create New Record		Show Help
	Print	*	Mandatory Field
	Calendar Icon		Search Icon
	Close Window		Radio Button
	Checkbox		Edit Record
	Cancel		Delete Record
	Save		Export and Open Report in Excel Format



Methadone Dispensing Module Legend			
	Update Patient's Height and Weight		Print Original Prescription
	Preview		Dispense
	Hold		Print
	Resume		Calendar

**Note**

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

### 3.0 Methadone Dispensing

#### Methadone Dispensing

Methadone dispensing function is to record and save all methadone related information. At this screen, information related with the patient, prescription and the methadone prepared are also provided.

#### User Group

This module is intended for pharmacist and assistant pharmacist (subject to user assign by the facility)

#### Functional Diagram

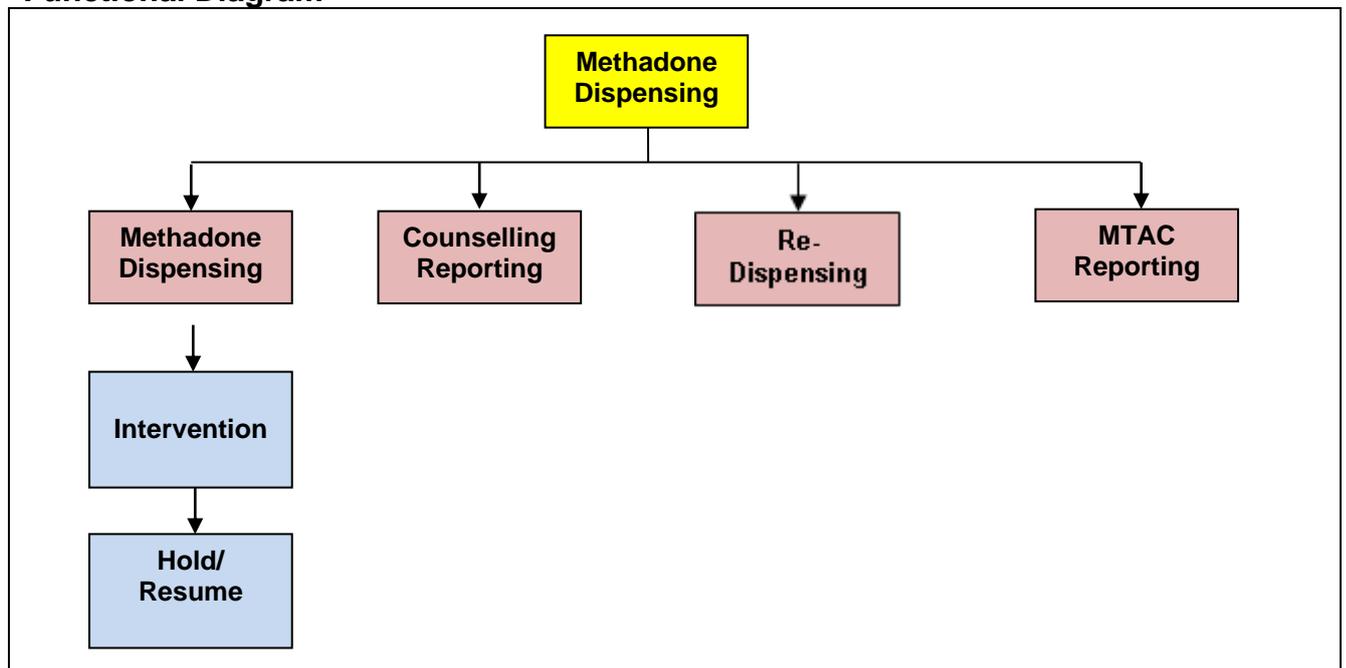


Figure 3.0-1

### 3.1 Methadone Dispensing

This function will allow the user to dispense methadone to the patient after the order is confirmed. Methadone drug does not screening and preparation stage.

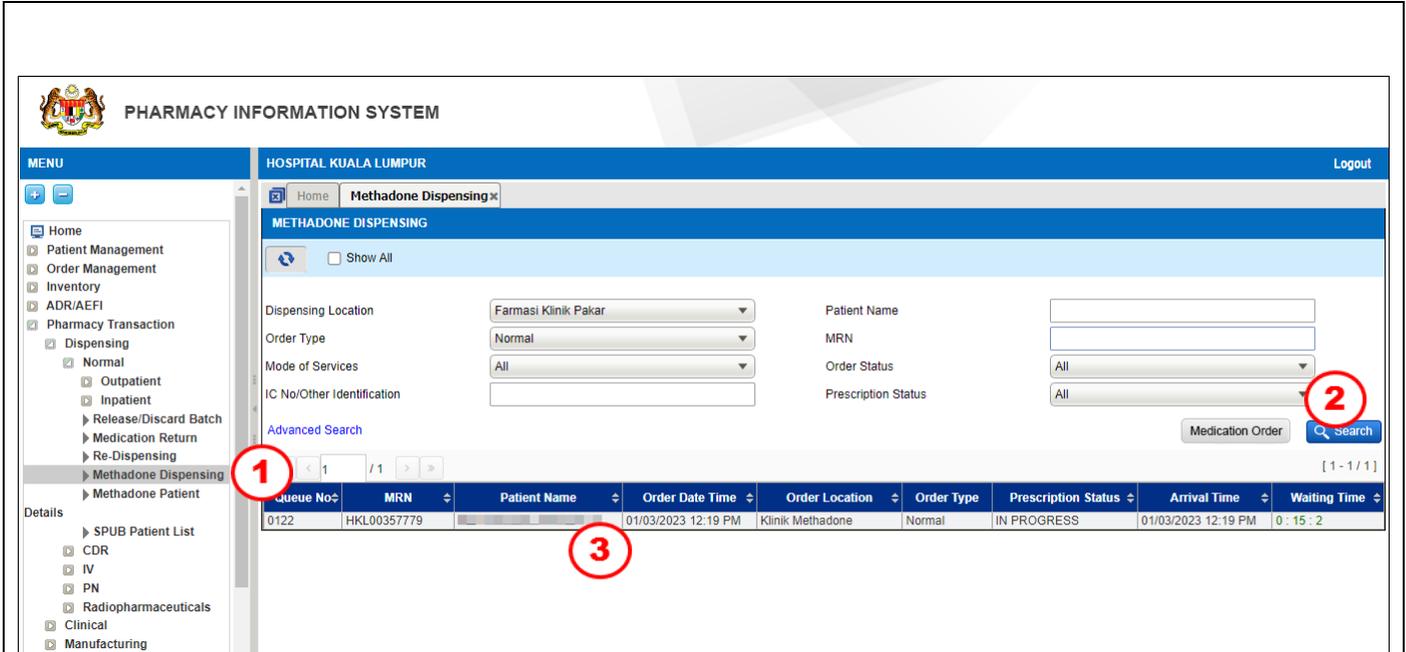


Figure 3.1-1 Methadone Dispensing Listing Page

#### STEP 1

Click on 'Methadone Dispensing' sub menu

**Note**

Various search criteria are provided as below:

Basic Search			
No	Field	Description	Remark
a	Show All		Able to view all patient record
b	Dispensing Location	Dispensing location. (It will list down all active location)	Able to filter and search patient's record by dispensing location
c	Order Type	-All -Normal -SPUB -Discharge	Able to filter and search patient's record by order type
d	Mode of Services	All -Appointment Card -Email and Take -Fax and Take -Normal Collection -SMS and Take -Telephone and Take -UMP -Others	Able to filter and search patient's record by mode of services
e	Patient Name	Name of patient	Able to filter and search by patient's name

f	MRN	Patient Medical Record Number	Search option: • Type the MRN either full or partial: <i>Example: HPSF00001234 or "1234"</i>
g	Order Status	-All -New Order -Partial Supply	Able to filter and search patient's record by order status
h	IC No/Other Identification	Patients identification number	Able to search by patients identification number
i	Prescription Status	-All -Hold(Drug) -In Progress -Uncollected -Partially Dispensed -Expired(Drug)	Able to search by Prescription status
<b>Advanced Search</b>			
a	Order Location	Order location. (It will list down all active location)	Able to filter and search patient's record by order location
b	Order Location Type	- All - Clinic - Day Care - ER - Nursing Unit - Pharmacy	Able to filter and search patient's record by order location type
c	Order Date from	Order Date from	Able to filter and search patient's record by order date from
d	Order Date To	Order Date To	Able to filter and search patient's record by order date to
e	Queue Date	Queue Date	Able to filter and search patient's record by queue date
f	Queue Series	- All - Normal - Express - Special - Others	Able to filter and search p patient's record by queue series
g	Queue No	Queue No	Able to filter and search patient's record by queue no
h	Prescription Status	- Hold - Expired - In Progress - Ucollected	Able to filter and search patient's record by Prescription status
i	Next collection Date From/To	Date from /to	Able to filter and search by next collection date range
j	Next Dispensing At	- All - Pharmacy Counter - Ward - Lockup - Others - AADK - Home - Prison	Able to filter by next dispensing location

**Table 3.1-1**

**STEP 2**

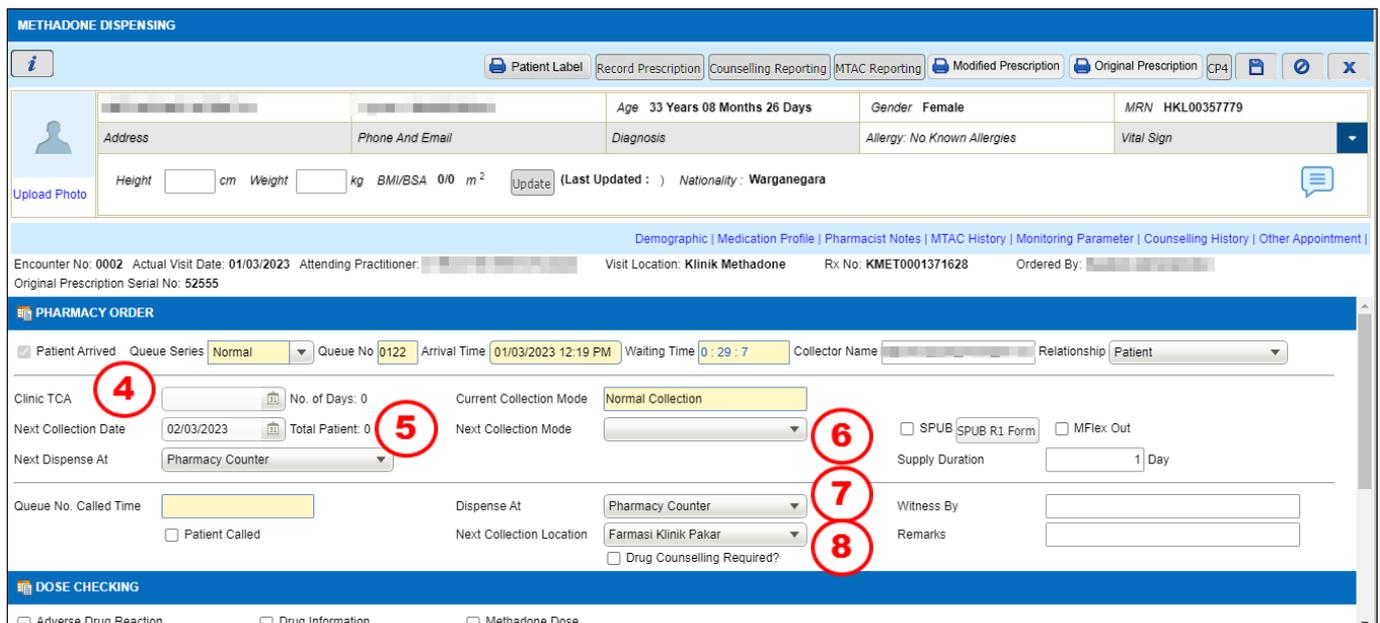
Click on the  button to search the patient

**Note**

- Search result of current order patient list will be displayed:
  - Queue No
  - MRN
  - Patient Name
  - Order Date Time
  - Order Location
  - Current Collection Mode
  - Prescription Status
  - Arrival Time
  - Waiting Time
- Acknowledge patient arrival as in [Outpatient Pharmacy Section 3.1 Acknowledgement](#).
- User can also order drugs from methadone dispensing screen by clicking on the **Medication Order** button. User will be diverted to medication order/Record prescription screen. Refer to [Medication Order module](#).

**STEP 3**

Double click on the selected patient and patient detail information will be shown as per Figure 3.1-2



**METHADONE DISPENSING**

Age: 33 Years 08 Months 26 Days | Gender: Female | MRN: HKL00357779  
 Address: | Phone And Email: | Diagnosis: | Allergy: No Known Allergies | Vital Sign:   
 Height: cm | Weight: kg | BMI/BSA: 0/0 m<sup>2</sup> | Update (Last Updated: ) | Nationality: Warganegara

Demographic | Medication Profile | Pharmacist Notes | MTAC History | Monitoring Parameter | Counselling History | Other Appointment |

Encounter No: 0002 | Actual Visit Date: 01/03/2023 | Attending Practitioner: | Visit Location: Klinik Methadone | Rx No: KMET0001371628 | Ordered By:

**PHARMACY ORDER**

Patient Arrived | Queue Series: Normal | Queue No: 0122 | Arrival Time: 01/03/2023 12:19 PM | Waiting Time: 0:29:7 | Collector Name: | Relationship: Patient

Clinic TCA: **4** | No. of Days: 0 | Current Collection Mode: Normal Collection  
 Next Collection Date: 02/03/2023 | Total Patient: **5** | Next Collection Mode: **6** |  SPUB  SPUB R1 Form  MFlex Out  
 Next Dispense At: Pharmacy Counter | Supply Duration: 1 Day

Queue No. Called Time: | Dispense At: Pharmacy Counter **7** | Witness By:   
 Patient Called | Next Collection Location: Farmasi Klinik Pakar **8** |  Drug Counselling Required? | Remarks:

**DOSE CHECKING**

Adverse Drug Reaction |  Drug Information |  Methadone Dose

**Figure 3.1-2 Methadone Dispensing Screen**

**STEP 4**

Select date from the **Clinic TCA** calendar

**STEP 5**

Select date from the **Next Collection Date** calendar

**STEP 6**

Select the **Next Collection Mode** from the drop down:

- SMS and Take
- Fax and Take
- Email and Take

- Appointment Card
- UMP
- Telephone and Take
- Others
- Normal Collection
- Leave and collect
- Home Visit
- Comm. Apps in Smart Phone
- Locker4U
- Walk-In/Without Appointment

**STEP 7**

Select the **Dispense at** from the drop down:

- Lock Up
- Others
- Pharmacy Counter
- Ward
- AADK
- Prison
- Home

**STEP 8**

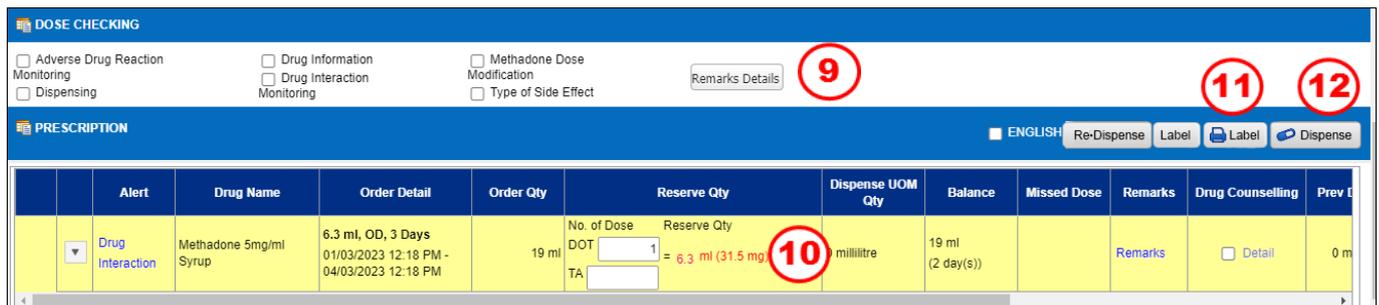
Select the **Next Collection Location** from the drop down

**Note**

- Changes on the **Next Collection Date** will not affect the **Clinic TCA. Total patient** is the number of patients scheduled on the selected date.
- The **Supply Duration** is default to 1 day yet editable

**STEP 9**

Select the **Dose Checking** if applicable by clicking at the checkbox and click to enter remarks as per Figure 3.1-4



The screenshot shows the 'DOSE CHECKING' section with several checkboxes: Adverse Drug Reaction Monitoring, Dispensing, Drug Information Monitoring, Drug Interaction Monitoring, Methadone Dose Modification, and Type of Side Effect. A 'Remarks Details' button is circled in red with the number 9. The 'PRESCRIPTION' section includes a language dropdown set to 'ENGLISH' and buttons for 'Re-Dispense', 'Label', 'Label' (with a printer icon), and 'Dispense' (with a blue arrow icon). The 'Dispense' button is circled in red with the number 12. Below is a table with the following data:

Alert	Drug Name	Order Detail	Order Qty	Reserve Qty	Dispense UOM Qty	Balance	Missed Dose	Remarks	Drug Counselling	Prev U
Drug Interaction	Methadone 5mg/ml Syrup	6.3 ml, OD, 3 Days 01/03/2023 12:18 PM - 04/03/2023 12:18 PM	19 ml	No. of Dose DOT <input type="text" value="1"/> Reserve Qty TA <input type="text"/>	= 6.3 ml (31.5 mg)	19 ml (2 day(s))		Remarks	<input type="checkbox"/> Detail	0 m

The calculation '6.3 ml (31.5 mg)' is circled in red with the number 10.

Figure 3.1-3 Methadone Dispensing Screen

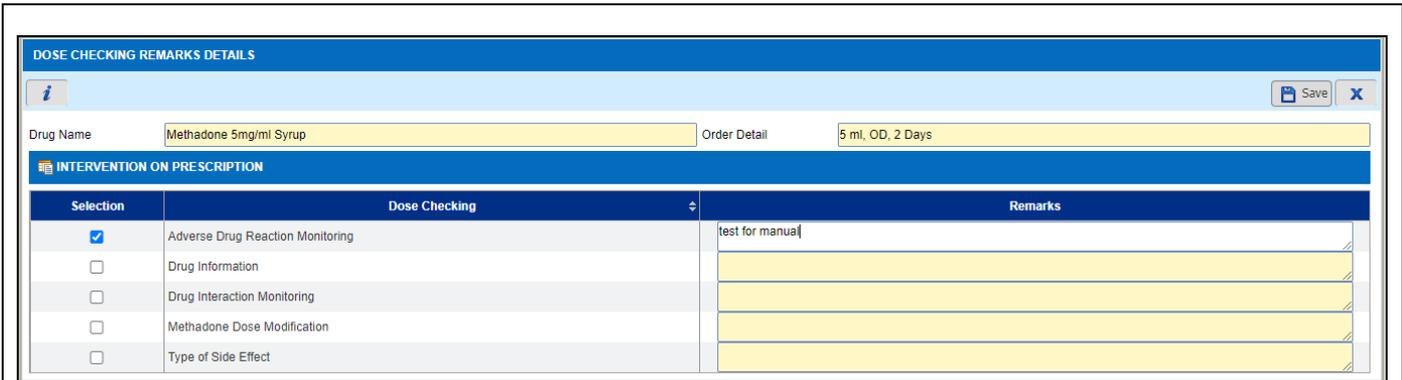
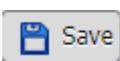


Figure 3.1-4 Methadone Dose Checking Remarks Details

**Note**

Key in remarks and click  button to save record or  button to cancel

**STEP 10**

Allocate the **No. of Dose** in the Reserve Quantity

**Note**

- SPUB check box is for user to refer the prescription to other facility. If SPUB is checked, next collection mode is not required to be filled in. User can also refer to M1M by selecting the  M1M checkbox.
- User can also perform other functions such as Intervention and Hold/Resume. Refer steps in [Outpatient Pharmacy module](#).

**STEP 11**

Click on the  button to preview and print the drug label as per Figure 3.1-5

HOSPITAL KUALA LUMPUR (Tel: 0326155555)	
HKL00235242	Farmasi Pesakit Dalam
<b>METHADONE SYRUP</b> Ubat Minum. Goncang Botol Dahulu. Minum ubat ini sekaligus.	<b>Mesti diambil/ditelan oleh:</b>  
TARIKH: 24/10/2019	
MASA: 8.00 AM	
DOSE: 50 mg	
.....	
Boleh menyebabkan kemudaratan/kematian jika diambil oleh orang lain.	
UBAT TERKAWAL JAUHI DARIPADA KANAK-KANAK 23/10/2019 02:16 PM	

Figure 3.1-5 Methadone Drug Label

**Note**

- The **Dispense UOM Qty** will be calculated automatically when user entered value into DOT and TA as per Figure 3.1-6
- Example:
  - DOT = 1 means 1 serving (5mg/ml)
  - TA = 2 means 2 serving (10mg/ml)

DOSE CHECKING														
<input type="checkbox"/> Adverse Drug Reaction Monitoring	<input type="checkbox"/> Drug Information	<input type="checkbox"/> Methadone Dose Modification	Remarks Details											
<input type="checkbox"/> Dispensing	<input type="checkbox"/> Drug Interaction Monitoring	<input type="checkbox"/> Type of Side Effect												
PRESCRIPTION														
ENGLISH											Re-Dispense	Label	Label	Dispense
Alert	Drug Name	Order Detail	Order Qty	Reserve Qty		Dispense UOM Qty	Balance	Missed Dose	Remarks	Drug Counselling	Prev D			
<input type="checkbox"/> Drug Interaction	Methadone 5mg/ml Syrup	6.3 ml, OD, 3 Days 01/03/2023 12:18 PM - 04/03/2023 12:18 PM	19 ml	No. of Dose DOT <input type="text" value="1"/> TA <input type="text" value="2"/>	Reserve Qty = 18.9 ml (94.5 mg)	0 millilitre	19 ml (0 day(s))		Remarks	<input type="checkbox"/> Detail	0 m			

Figure 3.1-6 Reserve Quantity Column

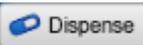
- Set the **Next Collection Date** as it will be used to calculate the **Missed Dose** if the patient did not collect the Methadone drug.

DOSE CHECKING														
<input type="checkbox"/> Adverse Drug Reaction Monitoring	<input type="checkbox"/> Drug Information	<input type="checkbox"/> Methadone Dose Modification	Remarks Details											
<input type="checkbox"/> Dispensing	<input type="checkbox"/> Drug Interaction Monitoring	<input type="checkbox"/> Type of Side Effect												
PRESCRIPTION														
ENGLISH											Re-Dispense	Label	Label	Dispense
Alert	Drug Name	Order Detail	Order Qty	Reserve Qty		Dispense UOM Qty	Balance	Missed Dose	Remarks	Drug Counselling	Prev D			
<input type="checkbox"/> Drug Interaction	Methadone 5mg/ml Syrup	6.3 ml, OD, 3 Days 01/03/2023 12:18 PM - 04/03/2023 12:18 PM	19 ml	No. of Dose DOT <input type="text" value="1"/> TA <input type="text" value="1"/>	Reserve Qty = 12.6 ml (63 mg)	0 millilitre	19 ml (1 day(s))		Remarks	<input type="checkbox"/> Detail	0 m			

Figure 3.1.1-7 Missed Dose Column

- Missed Dose** as in Figure 3.1-7 is calculated by using this formula:
  - Current Date - Next Collection Date** last record.
  - (Duration x Frequency)**
- Once the drug is allocated, user will be able to dispense the drug without going through the Verification and Preparation process.

### STEP 12

Click on the  button to dispense

#### Note

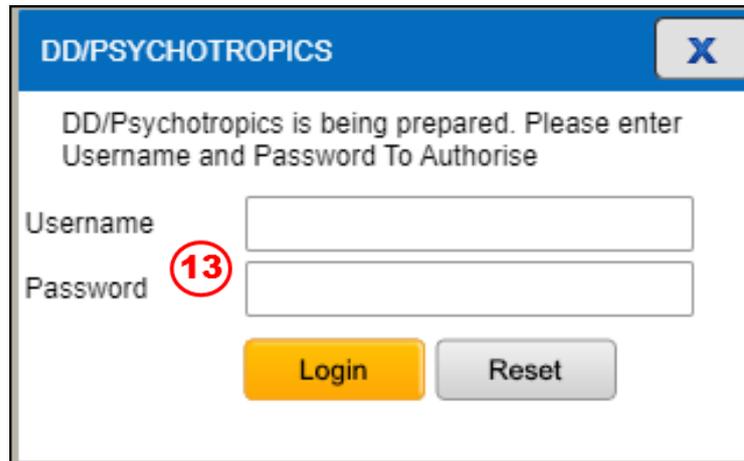
Once dispensed, Methadone prescription cannot be re-dispensed again on the same day, however Re-Dispensing can be performed on the next day

### STEP 13

Enter the **Username** and **Password** to authorize

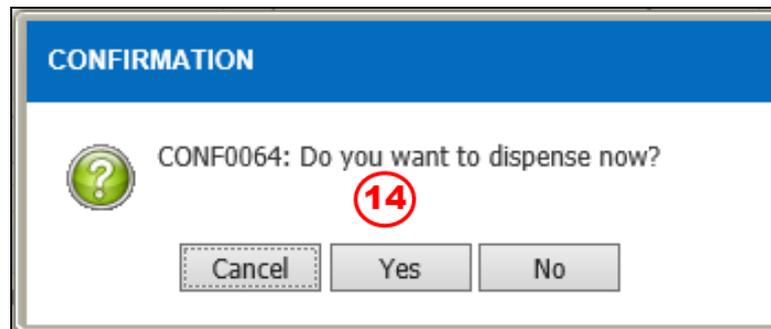
#### Note

Authorization ID is required once only per prescription and per login ID



The screenshot shows a window titled "DD/PSYCHOTROPICS" with a close button (X) in the top right corner. The main text reads: "DD/Psychotropics is being prepared. Please enter Username and Password To Authorise". Below this text are two input fields: "Username" and "Password". A red circle with the number "13" is positioned to the left of the "Password" field. At the bottom of the window are two buttons: "Login" (yellow) and "Reset" (grey).

Figure 3.1-8 Authorization Alert Message



The screenshot shows a window titled "CONFIRMATION" with a question mark icon on the left. The main text reads: "CONF0064: Do you want to dispense now?". A red circle with the number "14" is positioned to the right of the text. Below the text are three buttons: "Cancel" (dashed border), "Yes" (solid border), and "No" (solid border).

Figure 3.1-9 Authorization Alert Message

**STEP 14**

Click on the  button to confirm

### 3.2 Methadone Re-Dispensing

Re-dispense record for Methadone function is to allow user re-dispense methadone drug without using normal Re-Dispensing screen since the method of dispensing Methadone and label printing is different from the normal drug

**METHADONE DISPENSING**

Age 13 Years 08 Months 26 Days    Gender Male    MRN HKL00357492  
 Address    Phone And Email    Diagnosis    Allergy: Need To Be Assessed    Vital Sign  
 Height  cm    Weight  kg    BMI/BSA 0/0 m<sup>2</sup>    Update (Last Updated : )    Nationality: Warganegara

Demographic | Medication Profile | Pharmacist Notes | MTAC History | Monitoring Parameter | Counselling History | Other Appointment |

Encounter No: 0003    Actual Visit Date: 01/03/2023    Attending Practitioner:    Visit Location: Farmasi Methadone    Rx No: FMET0001371629    Ordered By:     
 Original Prescription Serial No: 25888  
 Patient Called    Next Collection Location: Farmasi Methadone    Remarks:     Drug Counselling Required?

**DOSE CHECKING**

Adverse Drug Reaction Monitoring     Drug Information Monitoring     Methadone Dose Modification     Drug Interaction Monitoring     Type of Side Effect   

**PRESCRIPTION**    ENGLISH               

Alert	Drug Name	Order Detail	Order Qty	Reserve Qty	Dispense UOM Qty	Balance	Missed Dose	Remarks	Drug Counselling	Prev
Drug Interaction	Methadone 5mg/ml Syrup	6.3 ml, OD, 3 Days 01/03/2023 01:25 PM - 04/03/2023 01:25 PM	19 ml	No. of Dose Reserve Qty DOT <input type="text" value="1"/> = 6.3 ml (31.5 mg) TA <input type="text"/>	7 millilitre	5 ml (1 day(s))		Remarks	<input type="checkbox"/> Detail	7 m (01/0 02:1

Figure 3.2-1 Methadone Dispensing

#### STEP 1

Click at the  button and Methadone Re-dispensing screen will appear as in Figure 3.2-2

**RE DISPENSING**

Mykad    Age 88 Years 03 Months 19 Days    Gender Female    MRN HSM001  
 Address    Phone And Email    Diagnosis    No known Allergies  
 Height  cm    Weight  kg    BMI/BSA 0/0 m<sup>2</sup>    Update (Last Updated : )    Nationality: Warganegara

Medication Profile |

Re-Dispense No: RD090719\_00001    Dispense No: 051419\_00002    Status: Draft

Selection	Rx No	Drug Name	Order Details	Order Qty	Disp Qty	Disp No	Re-Disp Qty	Reason	Remarks
<input checked="" type="checkbox"/>	OPD0000822087	Methadone 5mg/ml Syrup	5 mg, OD, 2 Months	60 ml	1 ml	051419_00002	No. of Dose Reserve Qty DOT <input type="text" value="1"/> = 1 ml (5 mg) TA <input type="text"/>	<input type="text"/>	Remarks

Figure 3.2-2 Methadone Re-Dispensing

#### STEP 2

Select dose to re-dispense DOT and TA and select reason from the dropdown box.

#### STEP 3

Click at  button to confirm Re-dispensing

**Note**

A pop up window for authorise psychotropic drug will appear first. Enter login id and password for the authorise person as Figure 3.2-3

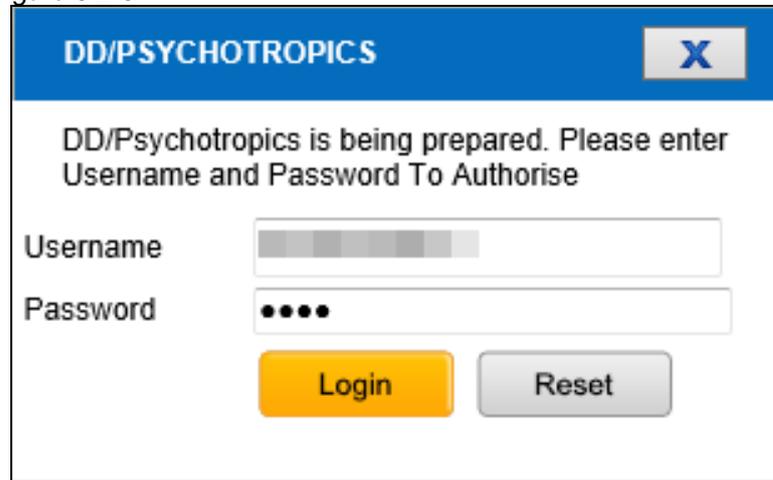


Figure 3.2-3 DD/Psychotropic Drugs Authorization

**STEP 4**

Click  button to confirm re-dispensing of methadone drug

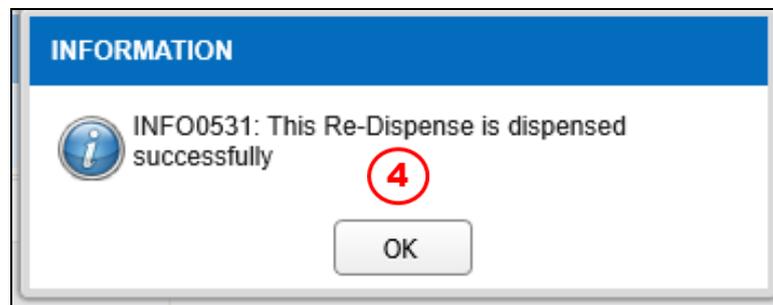


Figure 3.2-4 Confirmation

### 3.3 Methadone Partial Supply

The Partial dispense record for Methadone function is to directly dispense Methadone drugs from Record Prescription/Partial Supply listing page. System will automatically open Methadone Dispensing screen without the need to close the listing page and open Methadone Dispensing from the main menu

**MEDICATION ORDER**

Select Registered Patient: All | HKL00357492 | Dispensing Location: Farmasi Methadone | Visit Management | New Patient

Age: 13 Years 08 Months 26 Days | Gender: Male | MRN: HKL00357492

Address: | Phone And Email: | Diagnosis: | Allergy: Need To Be Assessed | Vital Sign: |

Height: cm | Weight: kg | BMI/BSA: 0/0 m<sup>2</sup> | G6PD Deficiency: | Update (Last Updated: ) | Nationality: Warganegara

Demographic | Medication Profile | Pharmacist Notes | Monitoring Parameter | Counselling History | Other Appointment | VAS History

**VISIT/ADMISSION**

Encounter No: | Visit Type: Outpatient | Location: | Department: | Clear | Save | Patient Label | Patient sticker

Full Paying Patient | Facility RN Number: |  MFlex In

Encounter No	Visit/Admission Date	Visit Type	Renew Visit	Visit Location	Department	Discharge Date
0003	01/03/2023	Outpatient	Renew Visit	Farmasi Methadone	Pharmacy	
1403	03/12/2020	Outpatient	Renew Visit	Klinik Premier	General Medicine	

**PARTIAL SUPPLY**

Order Date	Order Location	Visit Type	Department	Prescription No.	Original Prescription No.	Next Collection Date	Next Collection Mode	Dispense Location
01/03/2023 01:25 PM	Farmasi Methadone	Outpatient	Pharmacy	FMET0001371629	25888	02/03/2023		Farmasi Methadone

Figure 3.3-1 Record Prescription

#### STEP 1

Click at partial supply record from Record Prescription screen.

#### Note

Automatically system will open Methadone dispensing if its Methadone drug only as shown in Figure 3.3-2

**METHADONE DISPENSING**

Patient Label | Record Prescription | Counselling Reporting | MTAC Reporting | Modified Prescription | Original Prescription | cp4

Age: 13 Years 08 Months 26 Days | Gender: Male | MRN: HKL00357492

Address: | Phone And Email: | Diagnosis: | Allergy: Need To Be Assessed | Vital Sign: |

Height: cm | Weight: kg | BMI/BSA: 0/0 m<sup>2</sup> | Update (Last Updated: ) | Nationality: Warganegara

Demographic | Medication Profile | Pharmacist Notes | MTAC History | Monitoring Parameter | Counselling History | Other Appointment

Encounter No: 0003 | Actual Visit Date: 01/03/2023 | Attending Practitioner: | Visit Location: Farmasi Methadone | Rx No: FMET0001371629 | Ordered By: |

Original Prescription Serial No: 25888

Queue No. Called Time: | Dispense At: Pharmacy Counter | Witness By: |

Patient Called | Next Collection Location: Farmasi Methadone | Remarks: |

Drug Counselling Required?

**DOSE CHECKING**

**PRESCRIPTION** | ENGLISH | Re-Dispense | Label | Label | Dispense

Alert	Drug Name	Order Detail	Order Qty	Reserve Qty	Dispense UOM Qty	Balance	Missed Dose	Remarks	Drug Counselling	Prev D
Drug Interaction	Methadone 5mg/ml Syrup	6.3 ml, OD, 3 Days 01/03/2023 01:25 PM - 04/03/2023 01:25 PM	19 ml	No. of Dose DOT: 1 TA:   (31.5 mg)	7 millilitre	5 ml (1 day(s))		Remarks	<input type="checkbox"/> Detail	7 m (01/0 02.1

Figure 3.3-2 Methadone Dispensing

#### STEP 2

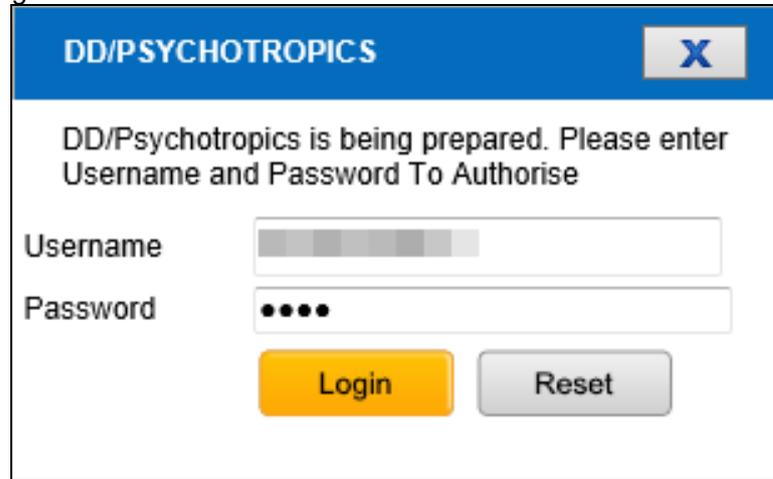
Select dose to reserve at DOT

#### STEP 3

Click at button to dispense partial supply methadone drug.

**Note**

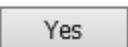
A pop up window for authorise psychotropic drug will appear first. Enter login id and password for the authorise person as Figure 3.3-3

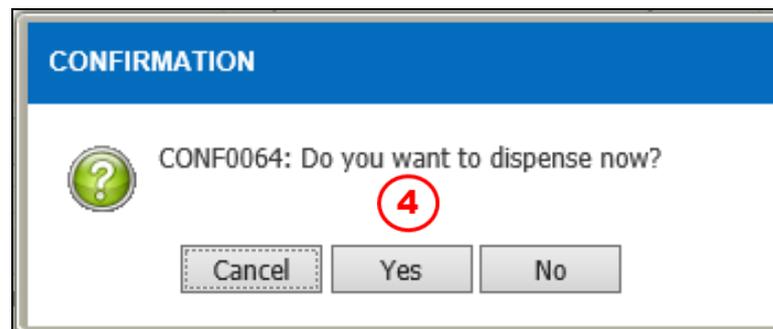


The image shows a software window titled "DD/PSYCHOTROPICS" with a close button (X) in the top right corner. The main text inside the window reads: "DD/Psychotropics is being prepared. Please enter Username and Password To Authorise". Below this text are two input fields: "Username" and "Password". The "Username" field contains several greyed-out characters. The "Password" field contains five black dots. At the bottom of the window, there are two buttons: a yellow "Login" button and a grey "Reset" button.

Figure 3.3-3 DD/Psychotropic Drugs Authorization

**STEP 4**

Click  button to dispense partial supply of methadone drug

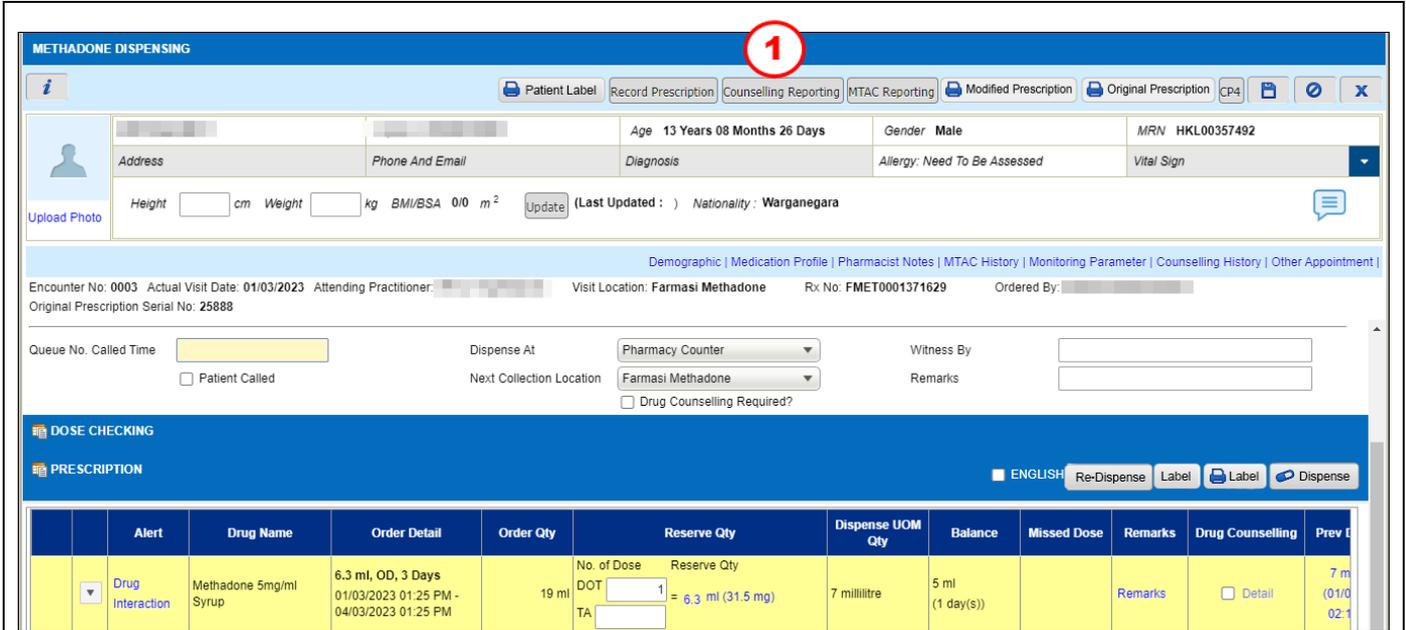


The image shows a "CONFIRMATION" dialog box with a blue header. The main text reads: "CONF0064: Do you want to dispense now?". To the left of the text is a green circular icon with a white question mark. Below the text is a red circle containing the number "4". At the bottom of the dialog box, there are three buttons: "Cancel", "Yes", and "No".

Figure 3.3-4 Confirmation

### 3.4 Counseling Reporting

The Medication Counseling module is provided to all the patients. The ultimate goal to be achieved during patient medication counseling is to provide information directed at encouraging safe and appropriate use of medication.



**METHADONE DISPENSING**

1

Patient Label | Record Prescription | **Counseling Reporting** | MTAC Reporting | Modified Prescription | Original Prescription | CP4

Age: 13 Years 08 Months 26 Days | Gender: Male | MRN: HKL00357492

Address | Phone And Email | Diagnosis | Allergy: Need To Be Assessed | Vital Sign

Height: [ ] cm | Weight: [ ] kg | BMI/BSA: 0/0 m<sup>2</sup> | Update (Last Updated: ) | Nationality: Warganegara

Demographic | Medication Profile | Pharmacist Notes | MTAC History | Monitoring Parameter | Counseling History | Other Appointment

Encounter No: 0003 | Actual Visit Date: 01/03/2023 | Attending Practitioner: [ ] | Visit Location: Farmasi Methadone | Rx No: FMET0001371629 | Ordered By: [ ]

Original Prescription Serial No: 25888

Queue No. Called Time: [ ] | Dispense At: Pharmacy Counter | Witness By: [ ]

Patient Called | Next Collection Location: Farmasi Methadone | Remarks: [ ]

Drug Counselling Required?

**DOSE CHECKING**

**PRESCRIPTION** | ENGLISH | Re-Dispense | Label | Label | Dispense

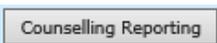
Alert	Drug Name	Order Detail	Order Qty	Reserve Qty	Dispense UOM Qty	Balance	Missed Dose	Remarks	Drug Counselling	Prev
Drug Interaction	Methadone 5mg/ml Syrup	6.3 ml, OD, 3 Days 01/03/2023 01:25 PM - 04/03/2023 01:25 PM	19 ml	No. of Dose: 1 Reserve Qty: 6.3 ml (31.5 mg)	7 millilitre	5 ml (1 day(s))		Remarks	<input type="checkbox"/> Detail	7 m (01/0 02:1

Figure 3.4-1 Methadone Dispensing

**Note**

Repeat step 1 and 3 as [Section 3.1.1 Methadone Dispensing](#) before performs Methadone Counseling Reporting.

**STEP 1**

Click on the  button and the medication counseling reporting screen will appear as per Figure 3-4-2



**MEDICATION COUNSELLING REPORTING (INDIVIDUAL)**

Age 13 Years 08 Months 26 Days | Gender Male | MRN HKL00357492

Address | Phone And Email | Diagnosis | Allergy: Need To Be Assessed | Vital Sign

Height [ ] cm | Weight [ ] kg | BMI/BSA 0/0 m<sup>2</sup> | Update (Last Updated : ) | Nationality : Warganegara

Medication Profile | Counselling History | Pharmacist Notes | Demographic | Monitoring Parameter | Other Appointment |

Counselling No : MC2300000001 | Counselling Type : Methadone Pharmacy | Virtual Session : No

Patient Demographics | Order Details | **Counselling Reporting** | Monitoring Parameter | Pharmaceutical Care Issue

CP1 | CP4 | Vital Sign | MYMAAT

**TOPIC AND SUBTOPIC**

No	Topic	Subtopic	Other Subtopic	Remarks
1	Methadone Replacement Therapy			

**ASSESSMENT**

Assessment History

**Social History**

Smoking  Yes Sticks/Day [ ] For [ ]  No  Ex-smoker  Second-hand Smoker

Alcohol Drinking  Yes Amount [ ]  No  Ex-Alcoholic

**Family History**

Marital Status [ ]

No. Of Children [ ]

Lives With [ ]

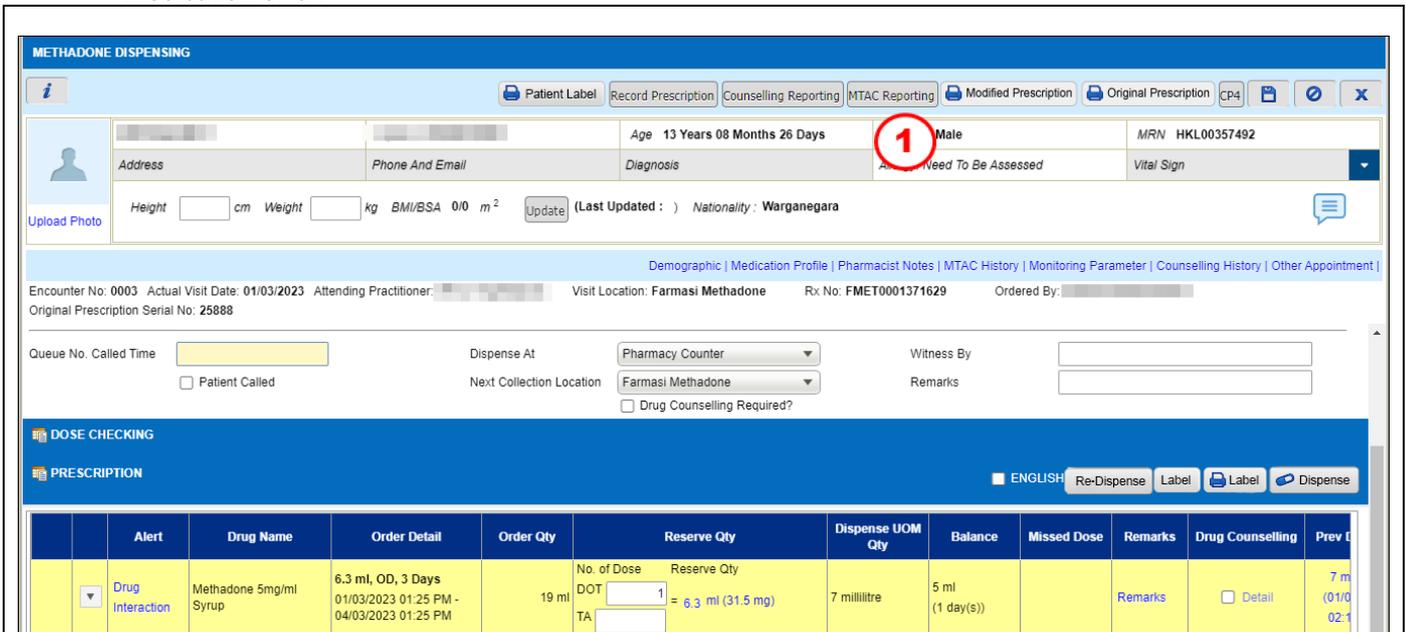
Figure 3.4-2 Medication Counselling Reporting Screen

**Note**

- User may proceed the medication counselling as usual. Refer steps in [Medication Counseling module](#).
- Enter the required information and save the information in every section.

### 3.5 Methadone MTAC Reporting

The MTAC module emphasis on medication management to improve quality and safety. Implementing safe, organized, and efficient drug-dispensing systems is essential to control costs and assuring that the medical prescription is safely followed as requested and within the relevant deadline. An appropriate dispensing system and cost-effectiveness of patient care. MTAC is operated to drug therapy monitoring and patient’s education in improving their ability to successfully manage disease condition and reducing medication error.



Alert	Drug Name	Order Detail	Order Qty	Reserve Qty	Dispense UOM Qty	Balance	Missed Dose	Remarks	Drug Counselling	Prev D
Drug Interaction	Methadone 5mg/ml Syrup	6.3 ml, OD, 3 Days 01/03/2023 01:25 PM - 04/03/2023 01:25 PM	19 ml	No. of Dose DOT = 1 Reserve Qty = 6.3 ml (31.5 mg)	7 millilitre	5 ml (1 day(s))		Remarks	<input type="checkbox"/> Detail	7 m (01/0 02:1

Figure 3.5-1 Methadone Dispensing

**Note**

Repeat step 1 to 3 as [Section 3.1.1 Methadone Dispensing](#) before performs MTAC Reporting

**STEP 1**

Click on the  button and an alert message to create the patient visit as per Figure 3.5-2 will appear if the patient does not have current MTAC visit.

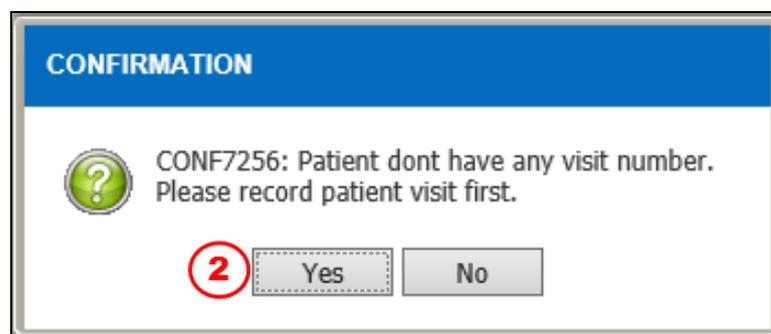
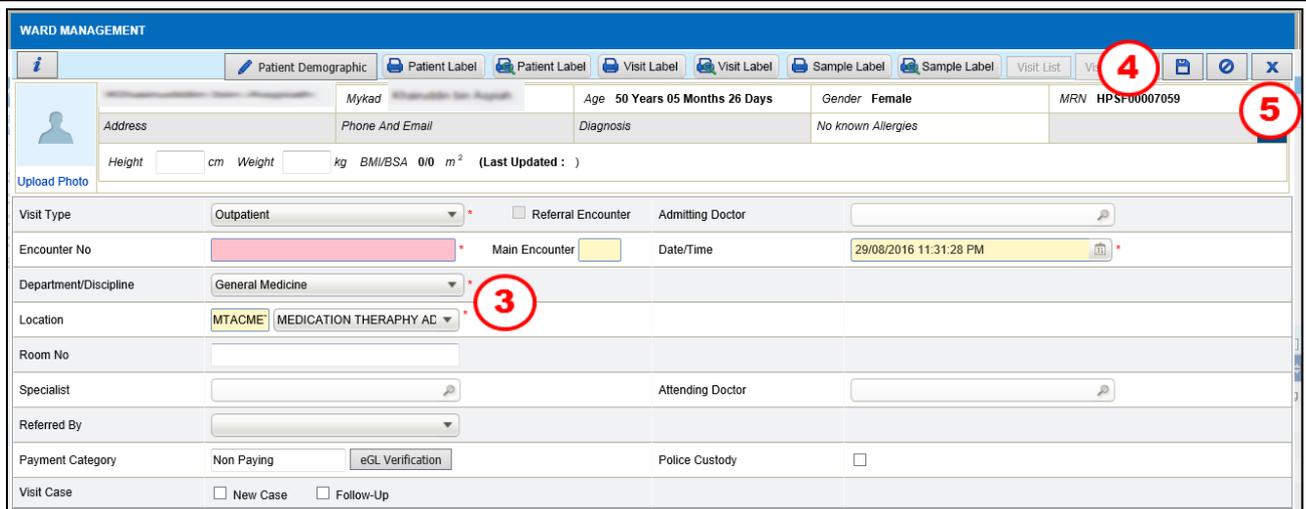


Figure 3.5-2 Confirmation Alert Message

**STEP 2**

Click on the  button to create visit



**WARD MANAGEMENT**

Mykad: [Redacted] Age: 50 Years 05 Months 26 Days Gender: Female MRN: HPSF00007059

Address: [Redacted] Phone And Email: [Redacted] Diagnosis: [Redacted] No known Allergies

Height: [Redacted] cm Weight: [Redacted] kg BMI/BSA: 0/0 m<sup>2</sup> (Last Updated: )

Visit Type: Outpatient  Referral Encounter Admitting Doctor: [Redacted]

Encounter No: [Redacted] Main Encounter:  Date/Time: 29/08/2016 11:31:28 PM

Department/Discipline: General Medicine **3**

Location: MTACME MEDICATION THERAPY AD

Room No: [Redacted]

Specialist: [Redacted] Attending Doctor: [Redacted]

Referred By: [Redacted]

Payment Category: Non Paying  Police Custody:

Visit Case:  New Case  Follow-Up

Figure 3.5-3 Ward Management Screen

**STEP 3**

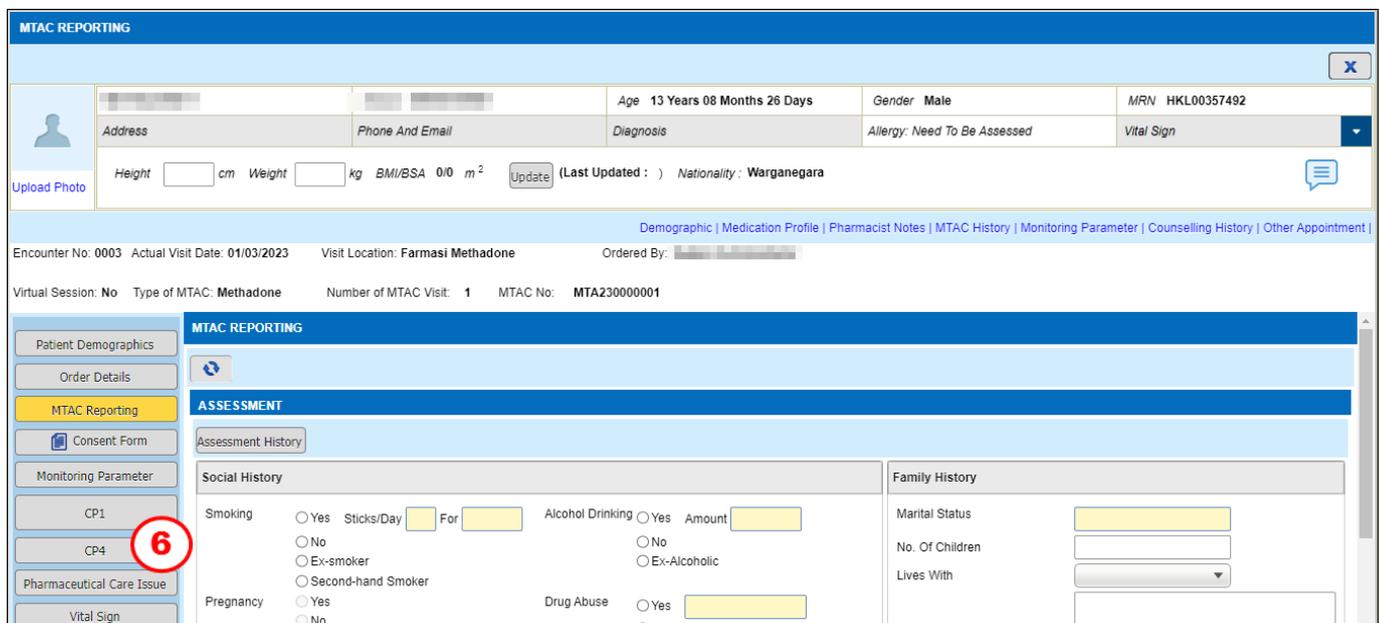
Select the **Department/Discipline** and **Location** to create MTAC visit

**STEP 4**

Click on the  button to save the visit

**STEP 5**

Click on the  button and the MTAC Reporting screen will appear as per Figure 3.5-4



**MTAC REPORTING**

Address: [Redacted] Phone And Email: [Redacted] Age: 13 Years 08 Months 26 Days Gender: Male MRN: HKL00357492

Height: [Redacted] cm Weight: [Redacted] kg BMI/BSA: 0/0 m<sup>2</sup> Update (Last Updated: ) Nationality: Warganegara

Demographic | Medication Profile | Pharmacist Notes | MTAC History | Monitoring Parameter | Counseling History | Other Appointment |

Encounter No: 0003 Actual Visit Date: 01/03/2023 Visit Location: Farmasi Methadone Ordered By: [Redacted]

Virtual Session: No Type of MTAC: Methadone Number of MTAC Visit: 1 MTAC No: MTA230000001

**MTAC REPORTING**

**ASSESSMENT**

Assessment History

**Social History**

Smoking:  Yes Sticks/Day: [Redacted] For: [Redacted]  No  Ex-smoker  Second-hand Smoker

Alcohol Drinking:  Yes Amount: [Redacted]  No  Ex-Alcoholic

Pregnancy:  Yes  No Drug Abuse:  Yes [Redacted]  No

**Family History**

Marital Status: [Redacted]

No. Of Children: [Redacted]

Lives With: [Redacted]

Figure 3.5-4 MTAC Reporting Main Screen

**STEP 6**

Click at  button and system will open CP4 screen as in Figure 3.5-5

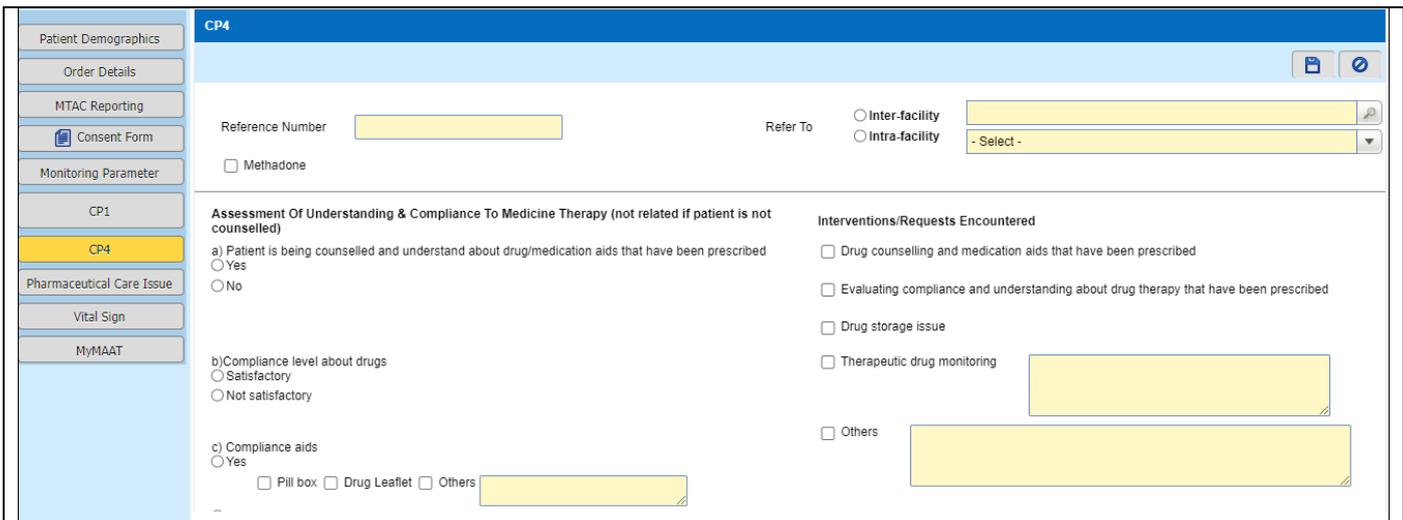


Figure 3.5-5 CP4 Screen

**Note**

- User may proceed the CP4 as usual. Refer steps in [MTAC Module](#)
- If MTAC visit already created, user will be diverted directly to **MTAC Reporting Screen** as per Figure 3.5-5
- In this MTAC Reporting screen, user will be able to create the MTAC report for methadone.
- Fill in the information as required. Each section has  button.
- Refer [MTAC module](#) for further details.

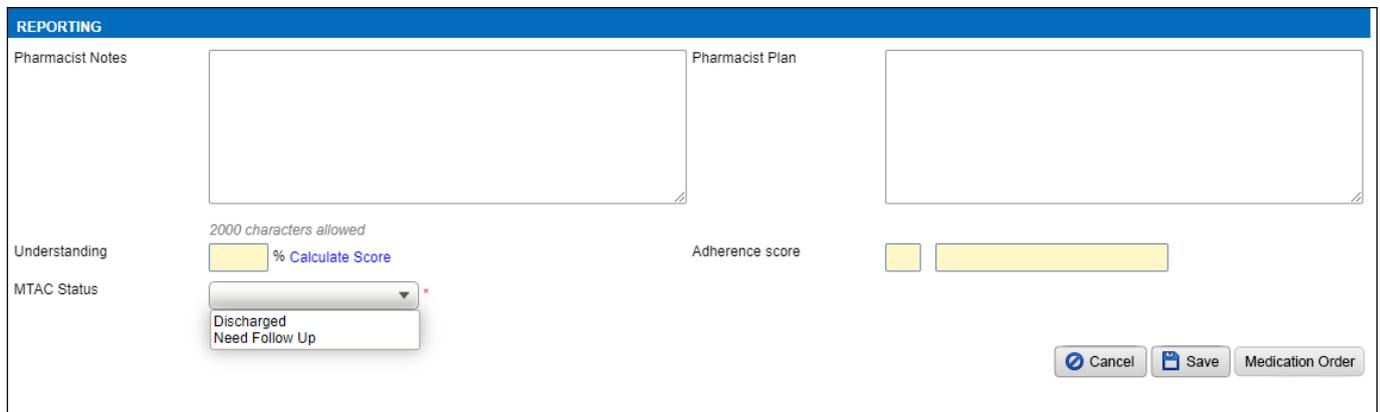


Figure 3.5-5 MTAC Reporting Screen

**Note**

- On the last section (**Reporting**) of this report, select “**Need Follow Up**” in order to reopen the report for next visit
- After choose MTAC report status as **Need Follow up**, user can click on the  button.
- This information will appear automatically when the user open back the MTAC report for the same patient.
- User able to select on the **Discharged** to end the MTAC counselling session.

### 3.6 Methadone Patient Details

To view methadone patients full details and add new patient details.

**PHARMACY INFORMATION SYSTEM**

HOSPITAL KUALA LUMPUR

Home | Methadone Patient Details

**METHADONE PATIENT DETAILS**

New Methadone Patient

MRN  Patient Name

IC No/Other Identification  Patient Status

[ 1 - 10 / 14 ]

MRN	Patient Name	IC No/Other Identification	Registration Date	Payment Category	Patient Status
HKL0000001			25/03/2016		Active
HKL0000002			25/03/2016		Active
HKL0000293			25/03/2016		Active
HKL0047980			10/08/2016		Inactive
HKL0089344			11/08/2017		Active
HKL0145085			27/04/2018		Active
HKL0177453			20/09/2018		Active
HKL0357461			03/06/2020		Inactive
HKL00357679			02/06/2022	Paying	Inactive
HKL00357745			30/06/2022		Inactive

Figure 3.6-1 Methadone Dispensing Listing Page

#### STEP 1

Click on 'Methadone Patient Details' sub menu

#### STEP 2

Click on the  button to search the patient and screen will display as Figure 3.6-2

**Patient Search**

Patient MRN  Patient Name

IC No/Other Identification

[ 1 - 10 / 306107 ]

Patient MRN	Patient Name	IC No/Other Identification
HKL0000001		
HKL0000002		
HKL0000003		
HKL0000004		
HKL0000005		
HKL0000006		
HKL0000007		
HKL0000008		
HKL0000009		
HKL0000010		

Figure 3.6-2 Patient Search

#### Note

- Search criteria will be displayed as below:
  - Patient MRN
  - Patient Name
  - IC No/Other Identification

- Double click to select patient from the list

**STEP 3**

Click on the  button and patient detail information will be shown as per Figure 3.6-3

**MAKLUMAT PERIBADI PESAKIT METHADONE**

Mykad: [redacted] Age: 48 Years 09 Months 03 Days Gender: Male MRN: HKL200696 (4)

Address: [redacted] Phone And Email: [redacted] Diagnosis: [redacted] No known Allergies

Height: [redacted] cm Weight: [redacted] kg BMI/BSA: 0/0 m<sup>2</sup> Update (Last Updated: ) Nationality: Warganegara

**CONTACT DETAIL**

Address 1: [redacted] Name: [redacted]  
 Address 2: [redacted] ID Number: [redacted]  
 Address 3: [redacted] Relationship: [redacted]  
 Postcode: [redacted] Address 1: [redacted]  
 State: [redacted] Address 2: [redacted]  
 City: [redacted] Address 3: [redacted]  
 Country: MALAYSIA Postcode: [redacted]  
 Contact Number(Mobile): 123456789 State: [redacted]  
 Contact Number(House): [redacted] City: [redacted]  
 Contact Number(Office): 123456789 Country: [redacted]  
 Contact Number(Mobile): [redacted]  
 Contact Number(House): [redacted]

**PATIENT DETAILS**

Umur Mula Menengah: 4 Year(s) Sebab Utama Menengah: MASALAH KELUARGA  
 Tempoh Menengah: 4 Year(s) Referral Method to OST: MELALUI KAWAN  
 Doctor Name: 4 Frequency of Incarceration: Rehabilitation Center: 4 time(s) Year: 2  
 Prison: 4 time(s) Year: 2

Drug	Duration	Duration of Use
<input checked="" type="checkbox"/> ATS(eg.Methamphetamine, Ecstasy)	0 Year(s) 2 Month(s)	0 Year(s) 0 Month(s)
<input type="checkbox"/> Benzodiazepine	0 Year(s) 0 Month(s)	0 Year(s) 0 Month(s)
<input type="checkbox"/> Codeine	0 Year(s) 0 Month(s)	
<input checked="" type="checkbox"/> Daun Ketum	1 Year(s) 0 Month(s)	
<input type="checkbox"/> Ganja(Cannabis)	0 Year(s) 0 Month(s)	0 Year(s) 0 Month(s)
<input type="checkbox"/> Heroin	0 Year(s) 0 Month(s)	0 Year(s) 0 Month(s)
<input type="checkbox"/> LDS/Hallusinogen	0 Year(s) 0 Month(s)	
<input type="checkbox"/> Morphine	0 Year(s) 0 Month(s)	0 Year(s) 0 Month(s)

Others: [redacted]

**Figure 3.6-3 Methadone Dispensing Screen**

**STEP 4**

Click on the  button to fill up the Contact details and Patient details

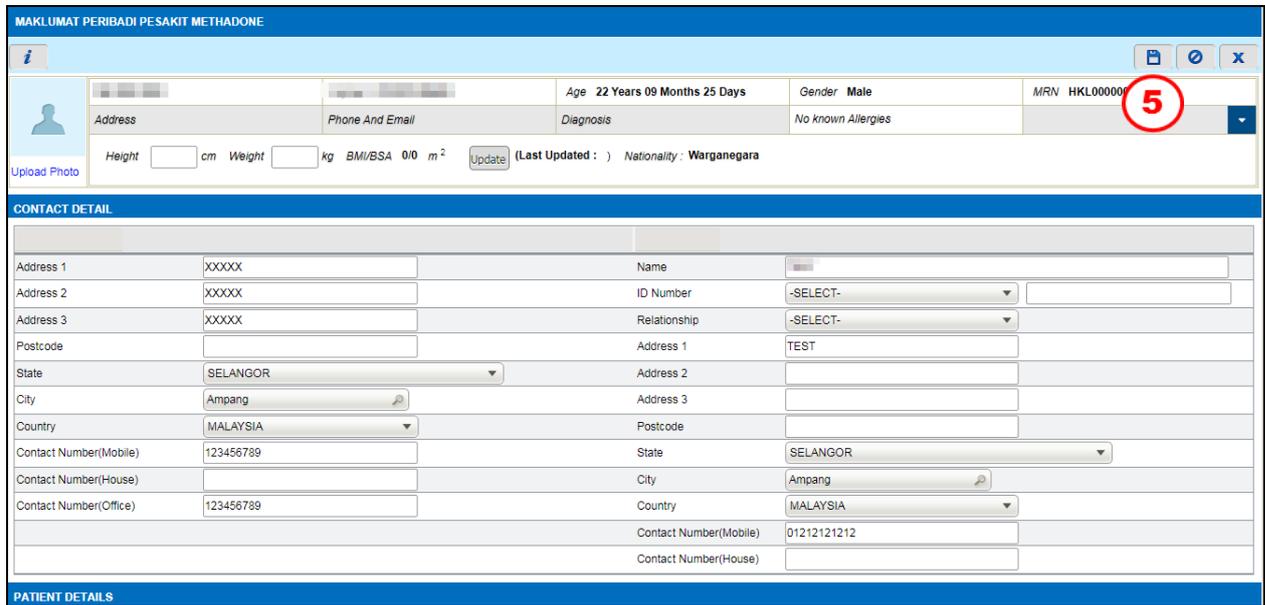


Figure 3.6-4 Maklumat Peribadi Pesakit Methadone

**STEP 5**

Click on the  button to save record and system will pop message as shown in Figure 3.6-5

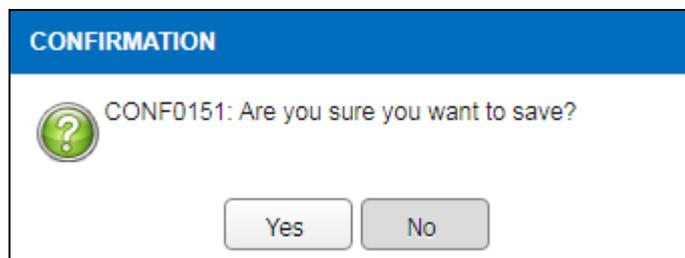


Figure 3.6-5 Confirmation

**Note**

Click on the  button to confirm save record

## 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
OP	Outpatient Pharmacy
MOH	Ministry of Health

## 5.0 Links to Clinical Modules

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