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

Full Based

User Manual
MAR - Mobile

Version	**: 7th Edition**
Document ID	**: FB_U. MANUAL_MAR_MOBILE**

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Reference ID : FB_U. MANUAL_MAR MOBILE-7th Edition

Application reference: PhIS & CPS v1.7.1

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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 lV
7. Manufacturing of Cytotoxic Drug Reconstitution, Parenteral Nutrition, 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 Medication Administration Record (MAR) 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:

- Medication Administration Record (MAR)
- View MAR

1.3 Organized Sections

These are the sections within this document:

- Section 1 : Introduction
- Section 2 : Application Standard Features
- Section 3 : Medication Administration Record
- Section 4 : Acronyms
- Section 5 : Links to Clinical Modules

2.0 Application Standard Features

2.1 PhIS Legend

Standard Legend			
Medication Order	Medication Order Function	MAR Module	MAR Module Function
Submit	Submit / Log In Button		Edit Height/Weight Button
	Patient Demographic	Allergy	View Allergy
ADR	View ADR	Diagnosis	View Diagnosis
	Logout		Drug Info
Back	Go to previous screen/function	Refresh	Refresh current page
Save & Close	Save and close current screen	Graph View	View MAR Graph view
Table View	View MAR Table view	7 Day View	View MAR 7 Day view
	Edit record		Delete record
	Copy record	Add/Edit Remarks	Add new record and edit current record
Record	Record Due Medication		New Record Notification
A	Alternate Drug List		Drug History Record
Click to view the inactive prescription ...	View inactive prescription		Settings

2.2 Login to PhIS Mobile

To login into the system, perform the steps below:

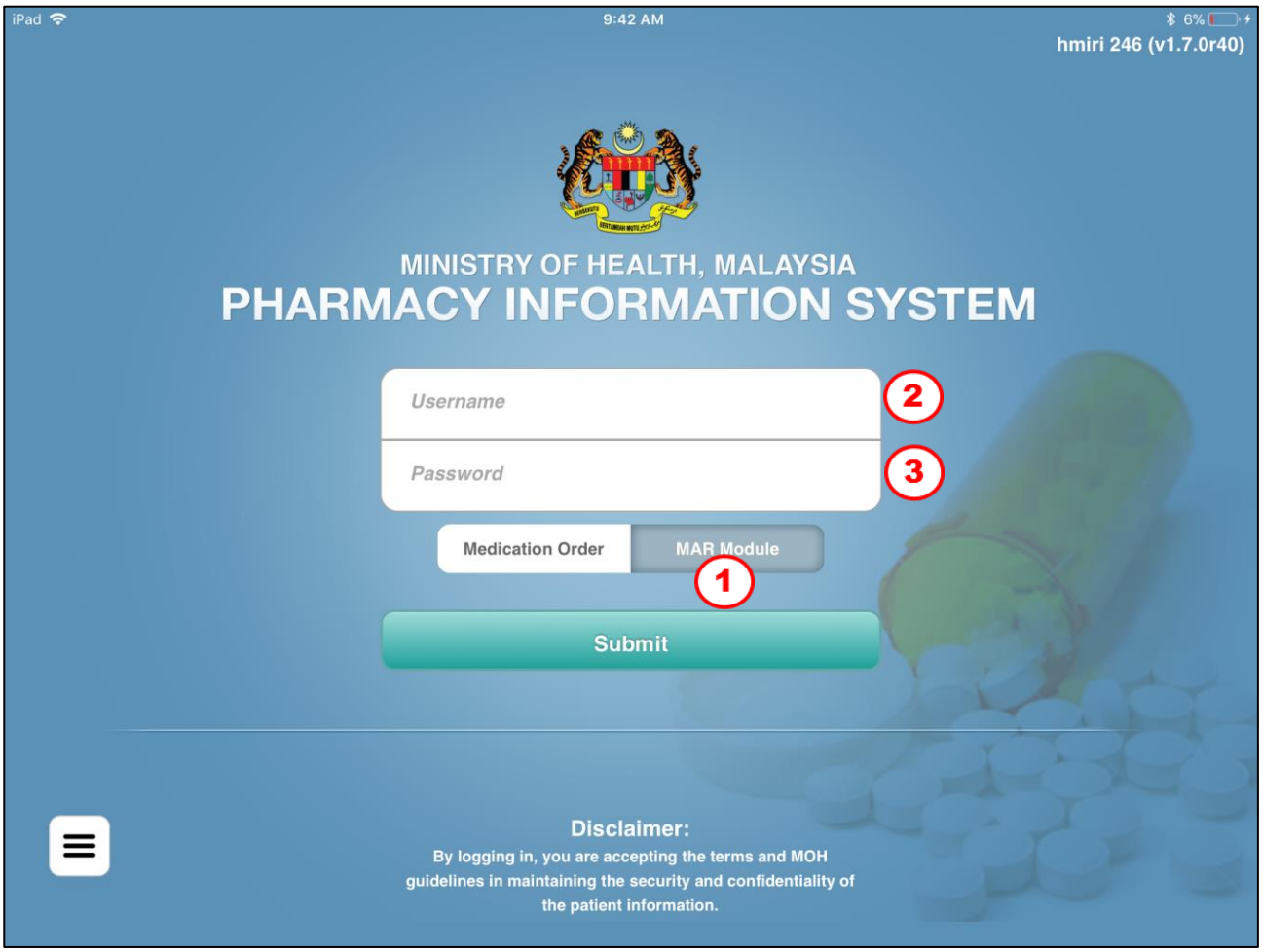


Figure 2.2-1 PhIS Login Page

STEP 1
Tap on the MAR Module button

STEP 2
Key-in username in the ***Username*** field

STEP 3
Key-in password in the ***Password*** field

Note
If user entered wrong username or password, alert message will be displayed as shown in Figure 2.2-2.

Figure 2.2-2 User does not exist

Note

*User will be tied to the **Location** based on the access right. User will need to refer to the facility's System Administrator for any update needed.*

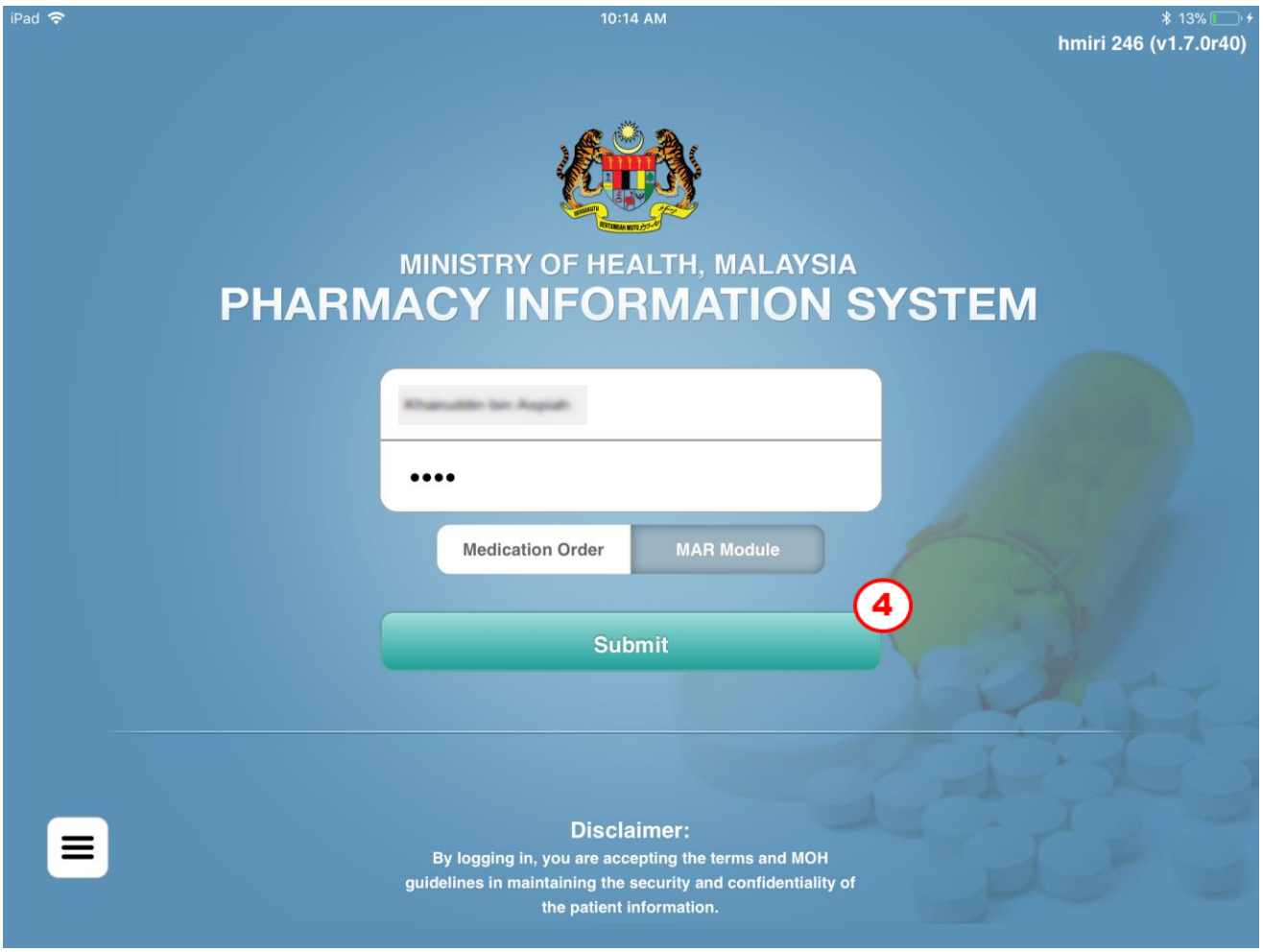


Figure 2.2-3 Enter login details

STEP 4

Tap on the

button to log-in to the application

2.3 PhIS Mobile application Home Page Overview

User will be navigated to the PhIS home page upon successful login.

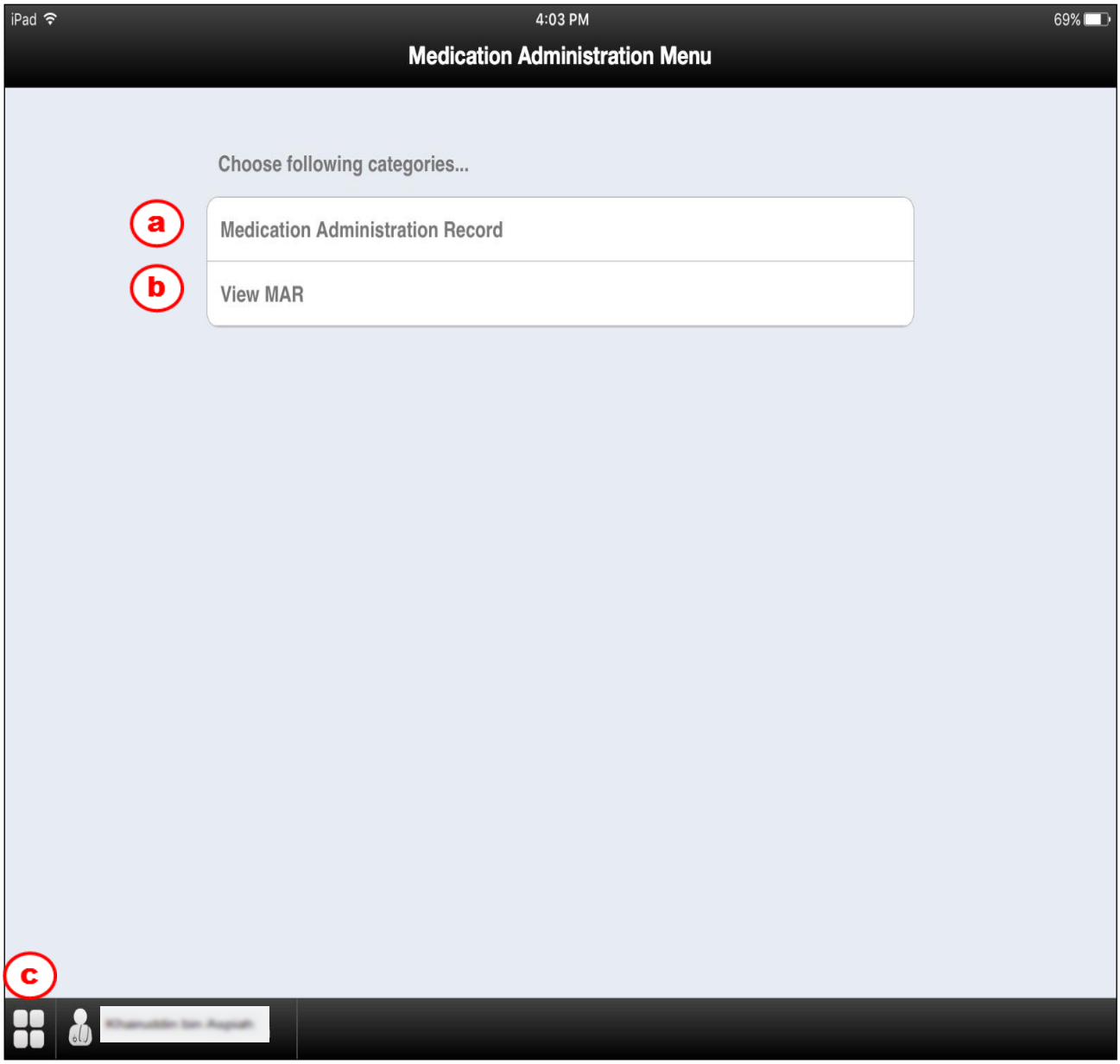


Figure 2.3-1 PhIS Home Page

a) Medication Administration Record

b) View MAR

c) Logout
Log out from the system

3.0 Medication Administration Record

Overview

The Medication Administration Record module handles all the information regarding the medication as per ward medication chart.

User Group

This module is intended for Matron, Sister and Staff Nurse

Functional Diagram

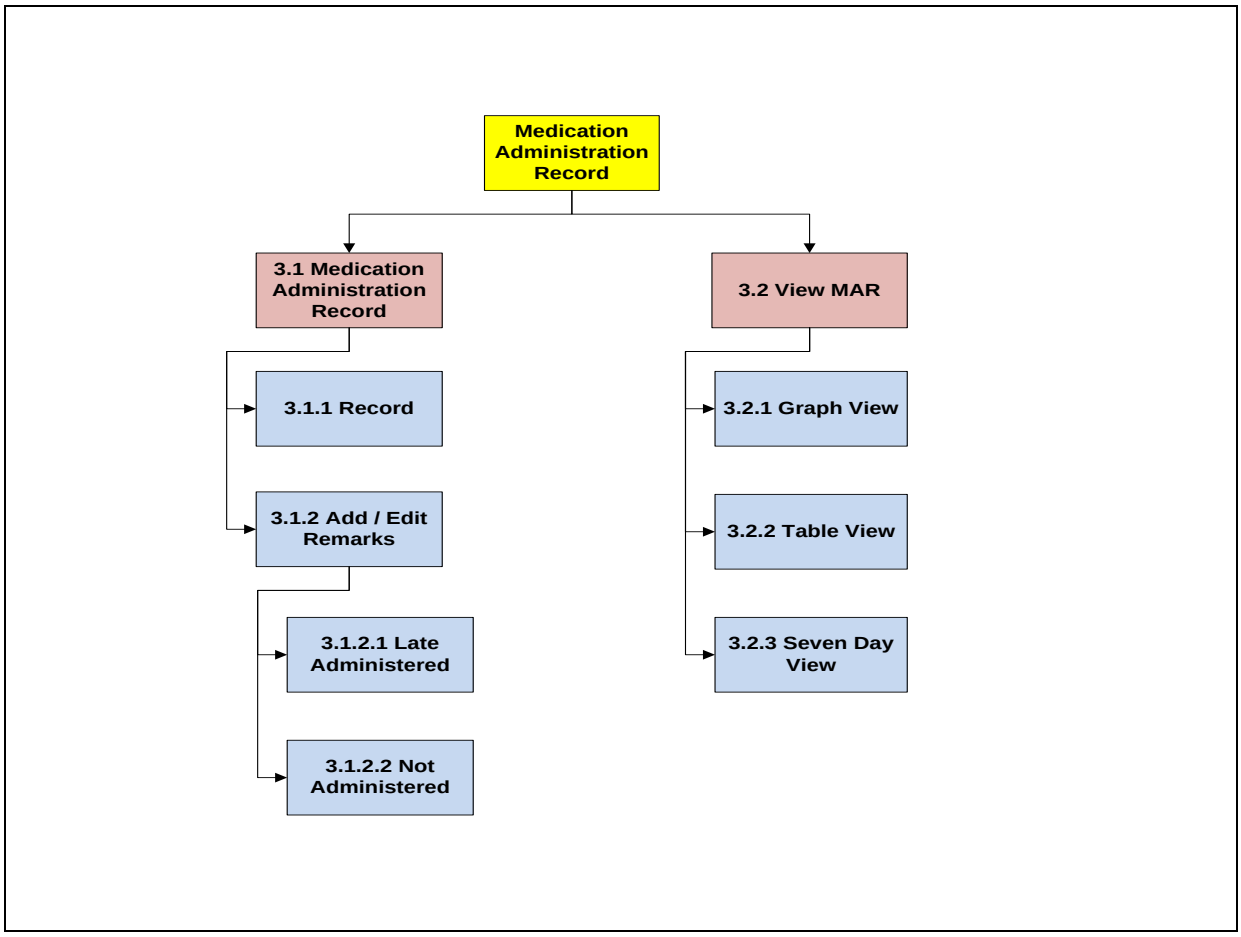


Figure 3.0-1 MAR Functional Description

Functional Description

Medication Administration Record comprises of two (2) main functions:

- **Medication Administration Record**
  To record the medication serve to patient in ward

- **View MAR**
  To view patient medication chart in ward

3.1 Medication Administration Record

3.1.1 Medication Administration Record

Medication administration record is used to record the medication with status **Due** only

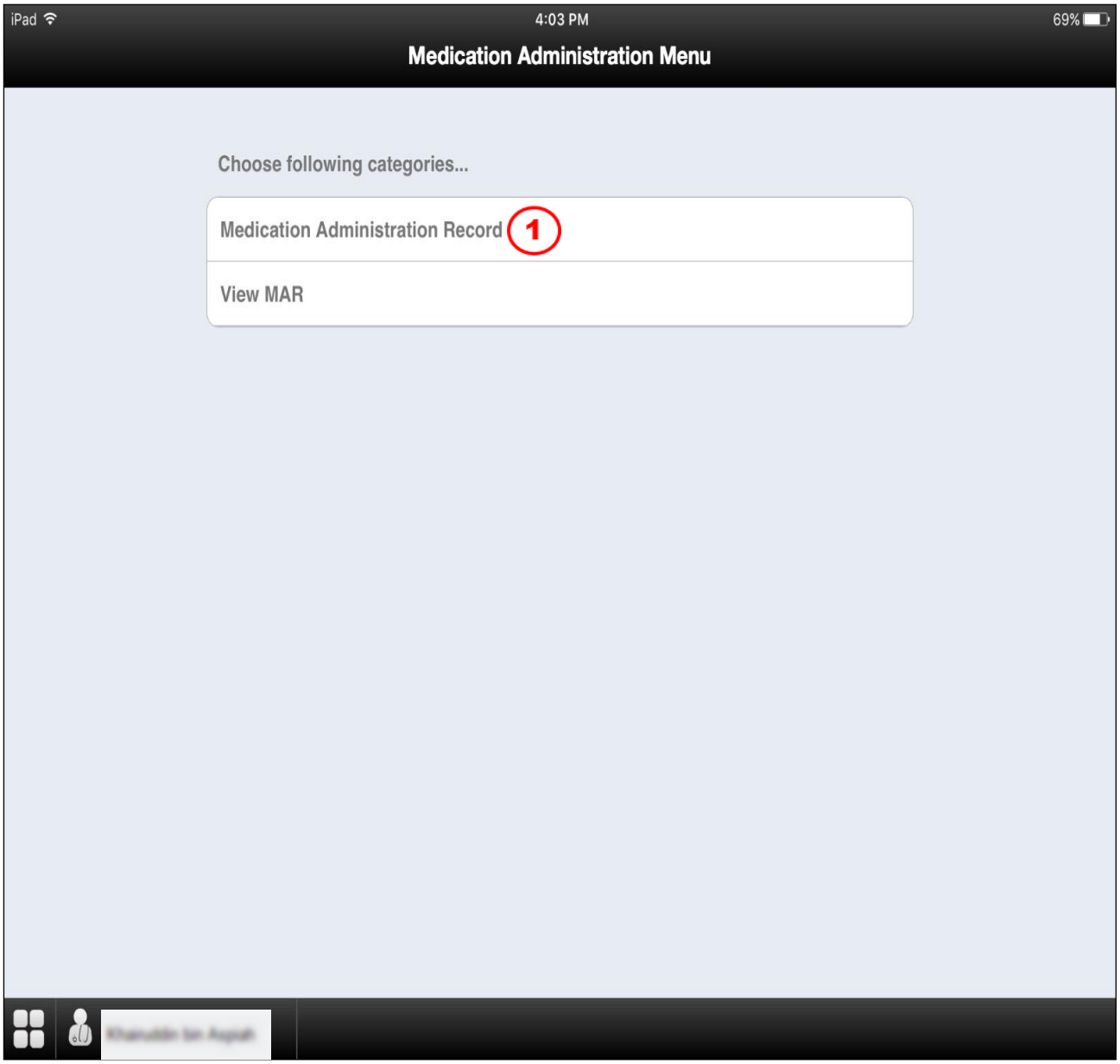


Figure 3.1.1-1 MAR Listing Page

STEP 1
Tap on the ***Medication Administration Record***

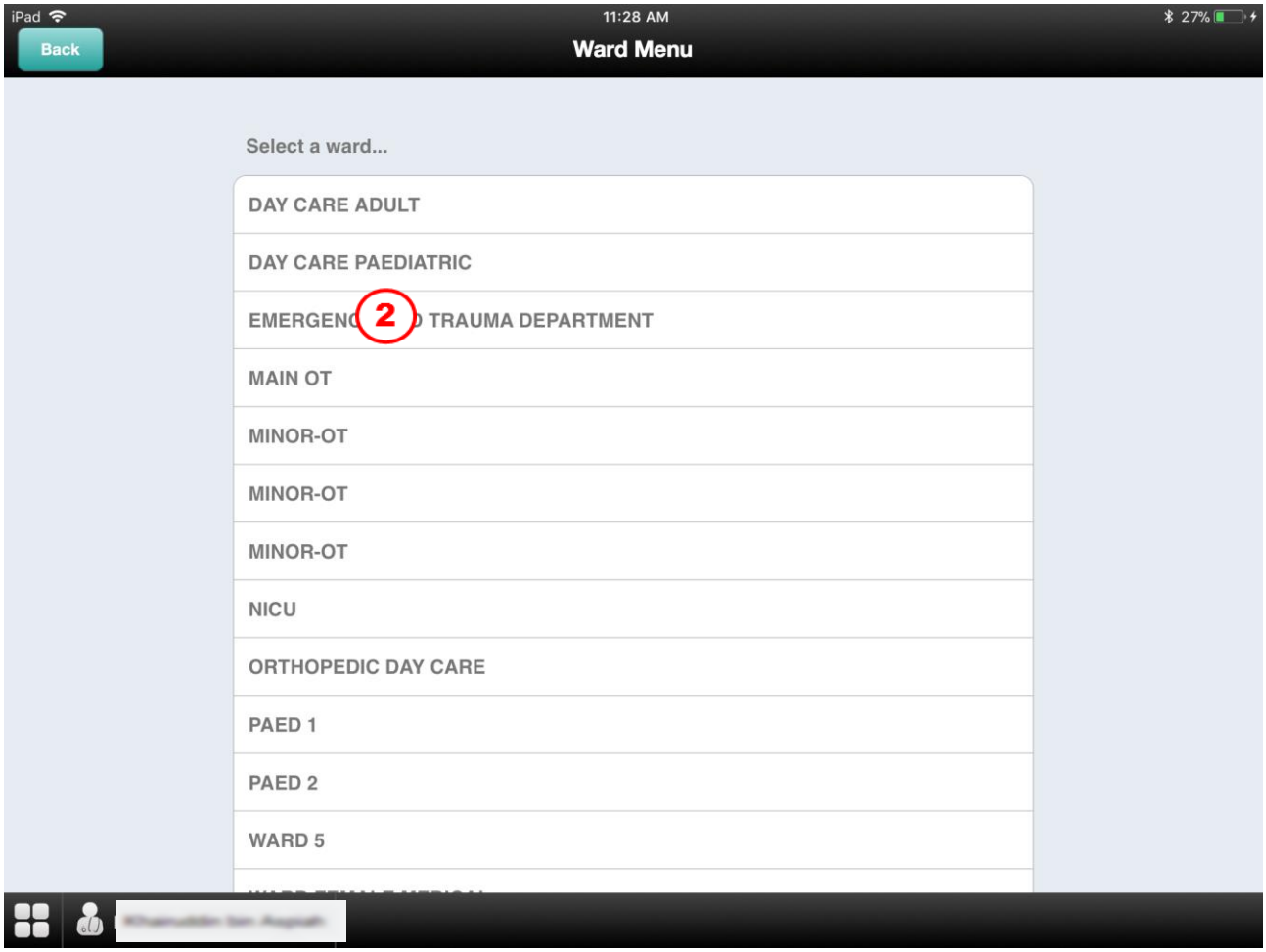


Figure 3.1.1-2 Location Screen Listing Page

STEP 2
Tap on the selected location e.g WAD 1, WAD ICU to select patient

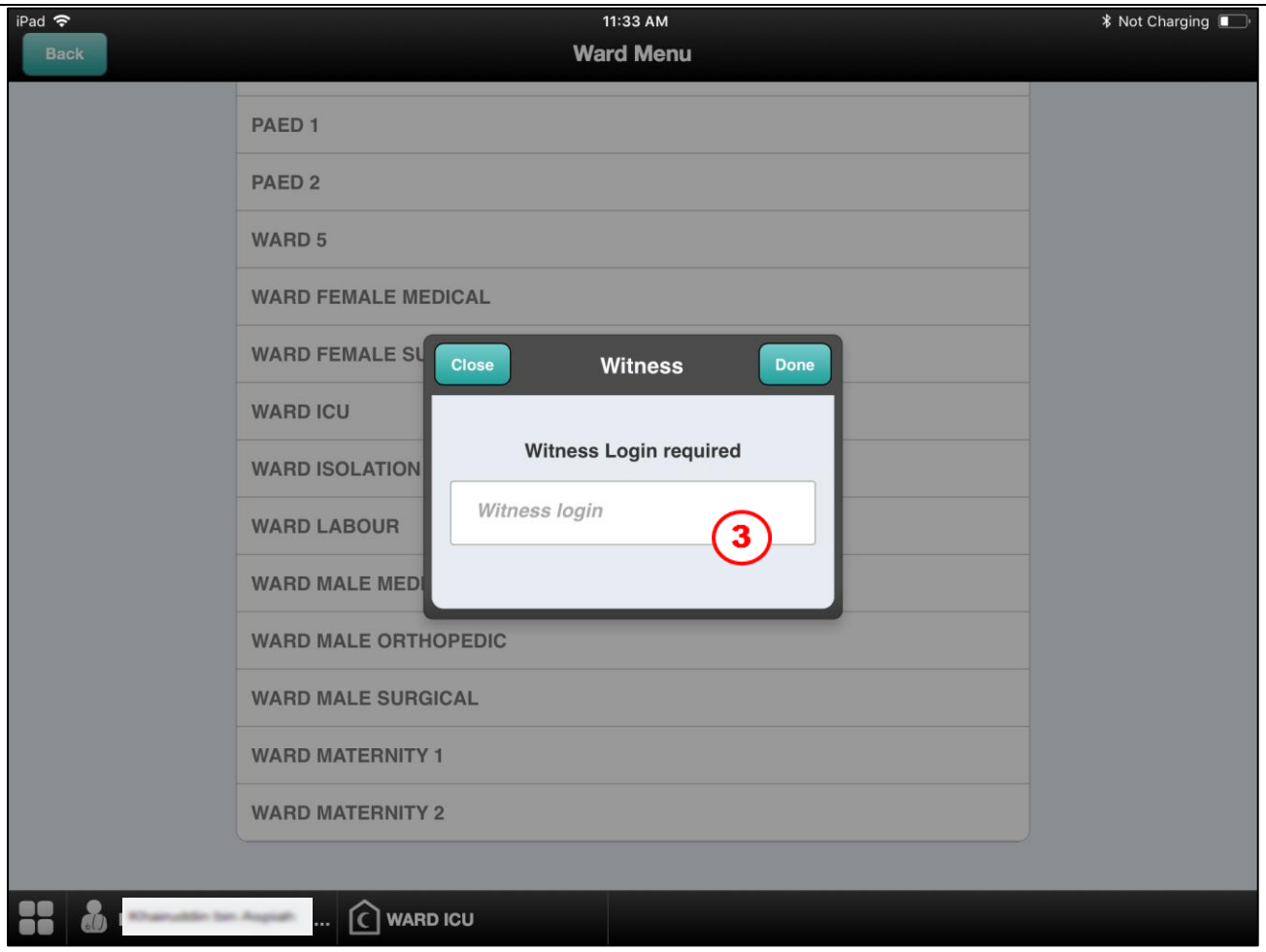


Figure 3.1.1-3 Witness Login Page

STEP 3
Enter the PhIS Login ID in the **Witness Login** pop up screen

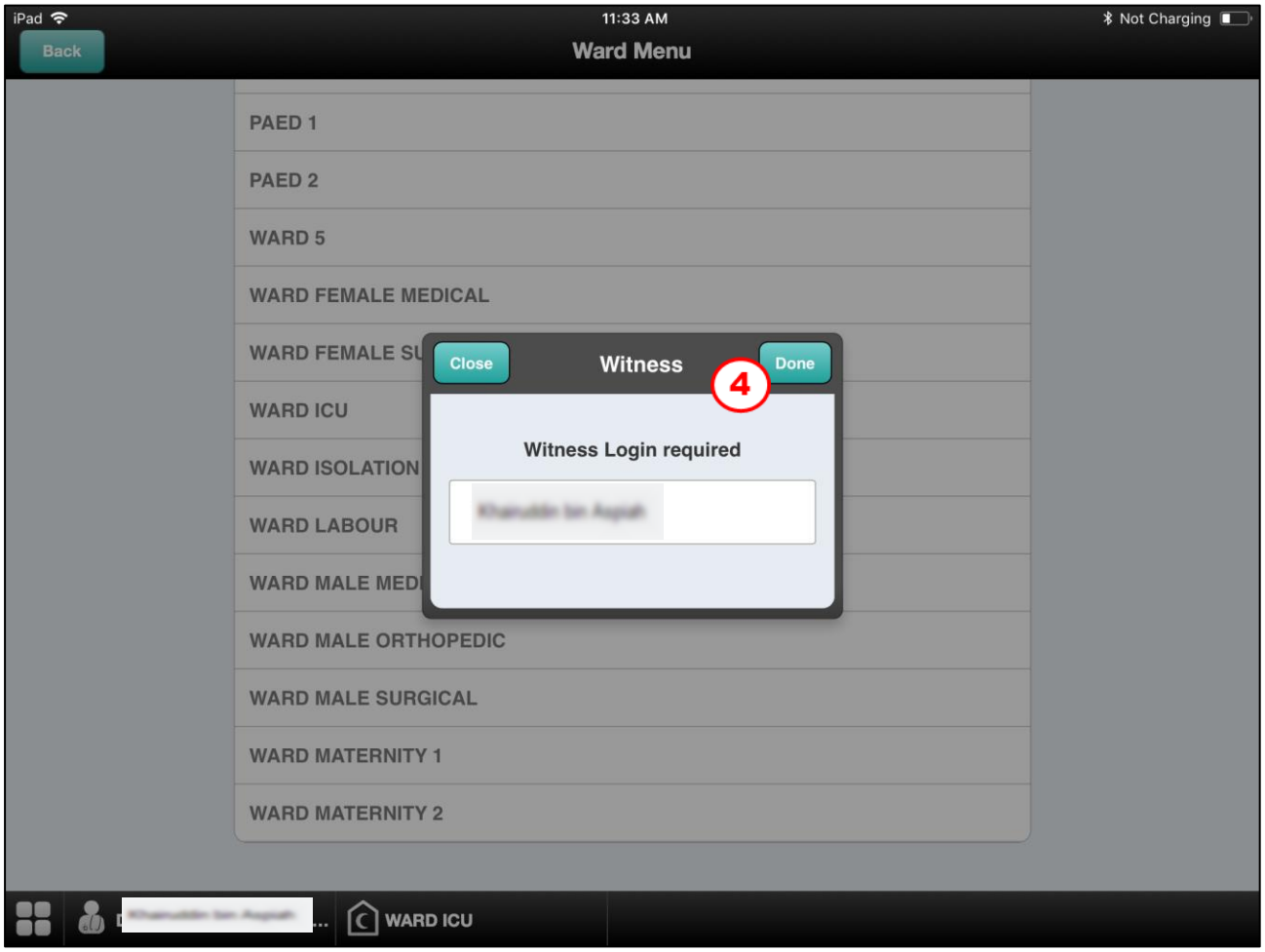


Figure 3.1.1-4 Witness Login Page

STEP 4

Tap on the

button

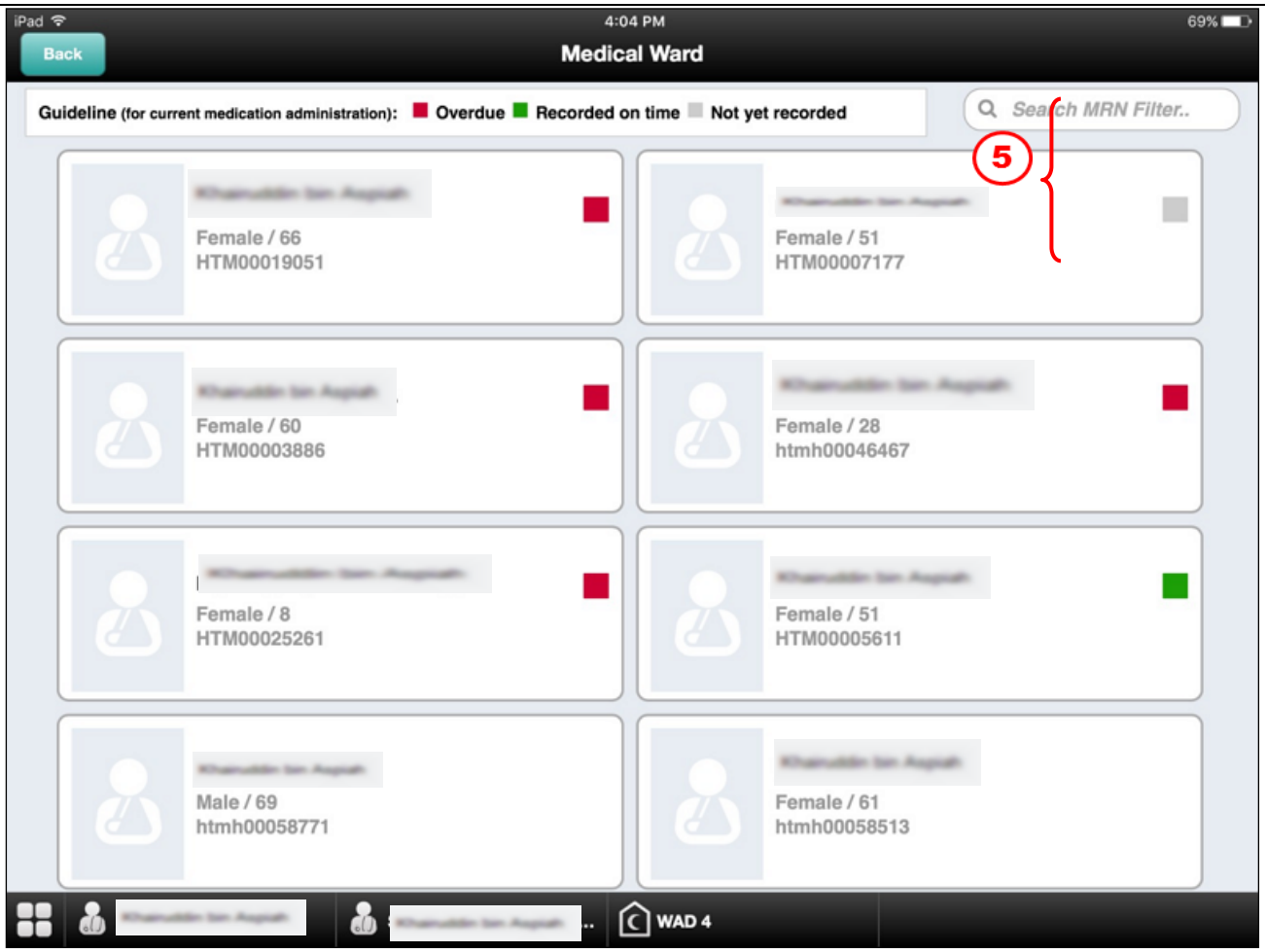


Figure 3.1.1-5 Patient Listing Page

STEP 5

Tap on selected patient name or search the patient by using Search MRN Filter.. field

- *Various search criteria are provided as below:*

No	Field	Description	Remark
A	Name	Patient Name	Allow to search by patient full name or partial
B	MRN	Patient Medical Record Number	Search option: • Type the MRN either full or partial: *Example: HPSF00001234 or "1234"*
C	IC	Patient visit location	Able to filter and search patient by visit location and prescriber's location.

Table 3.1.1-1

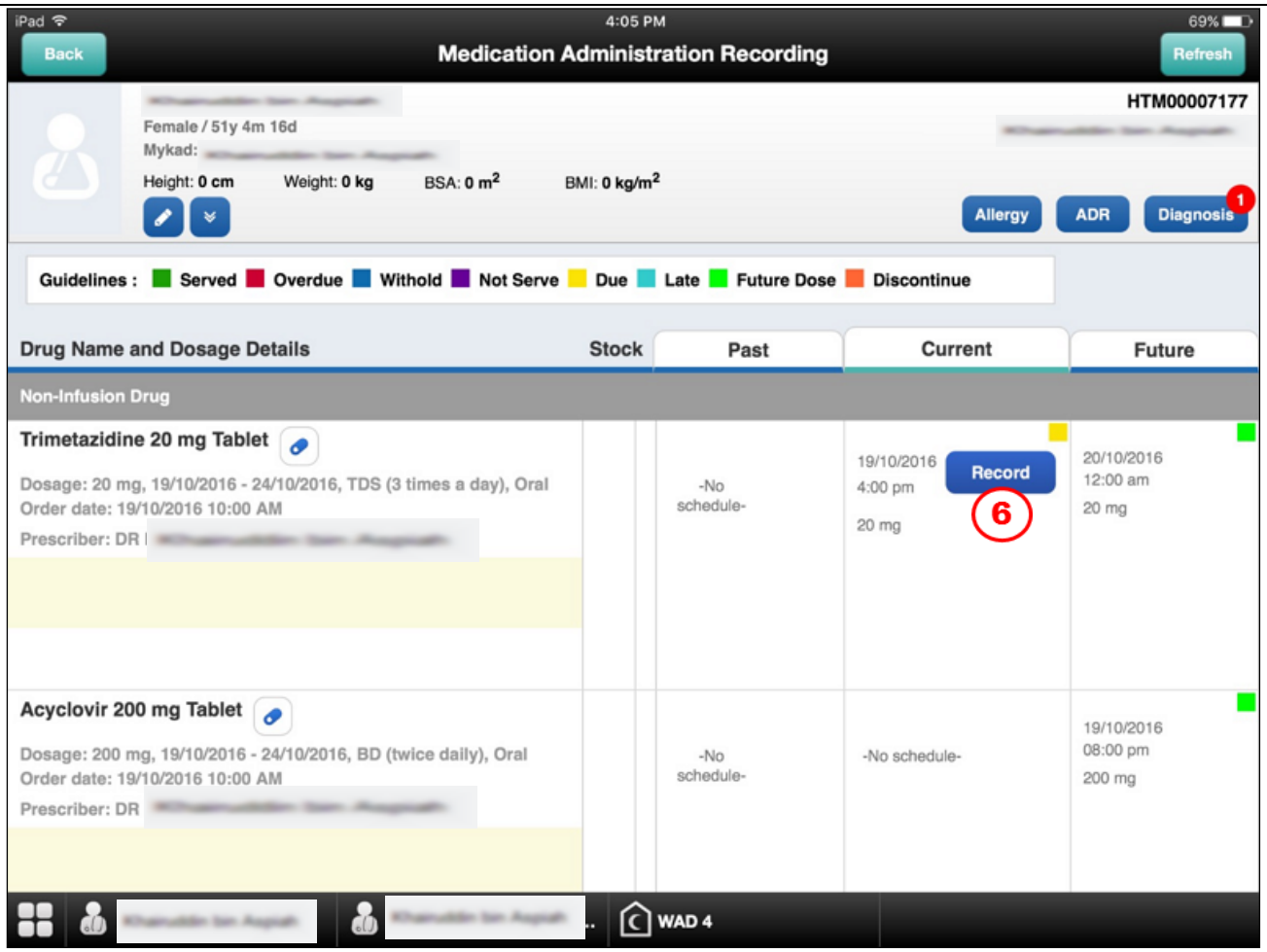


Figure 3.1.1-6 Medication Administration Recording

STEP 6

Tap on the **Record** button and system will display as Figure 3.1.1-7

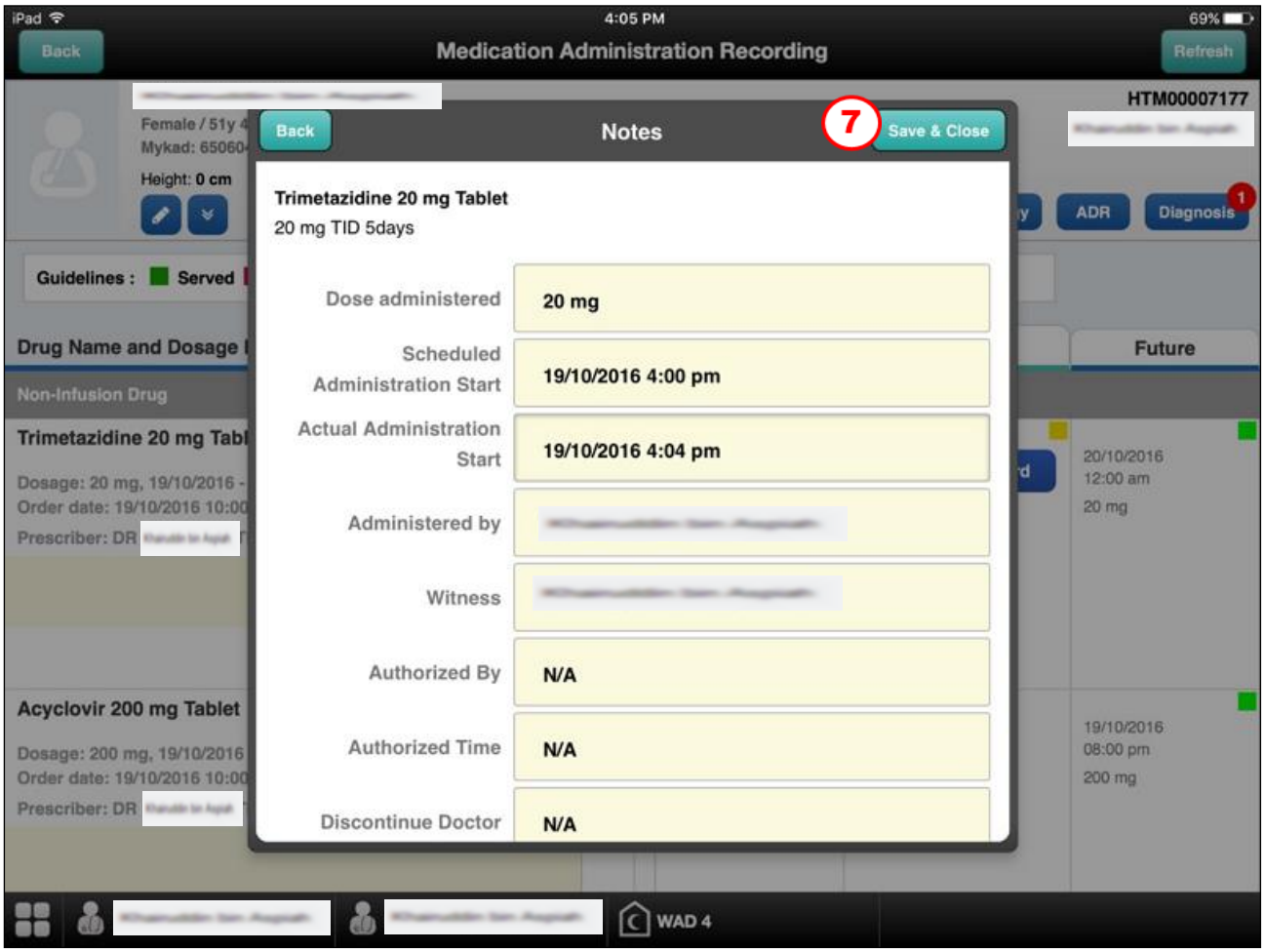


Figure 3.1.1-7 Medication Administration Recording

STEP 7

Tap on the

button to save the record

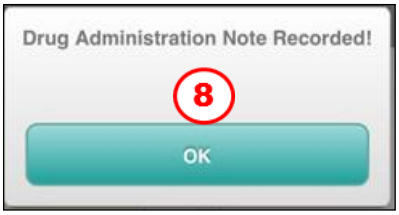


Figure 3.1.1-8 Medication Administration Recording

STEP 8

Tap on the

button and system will display as Figure 3.1.1-9

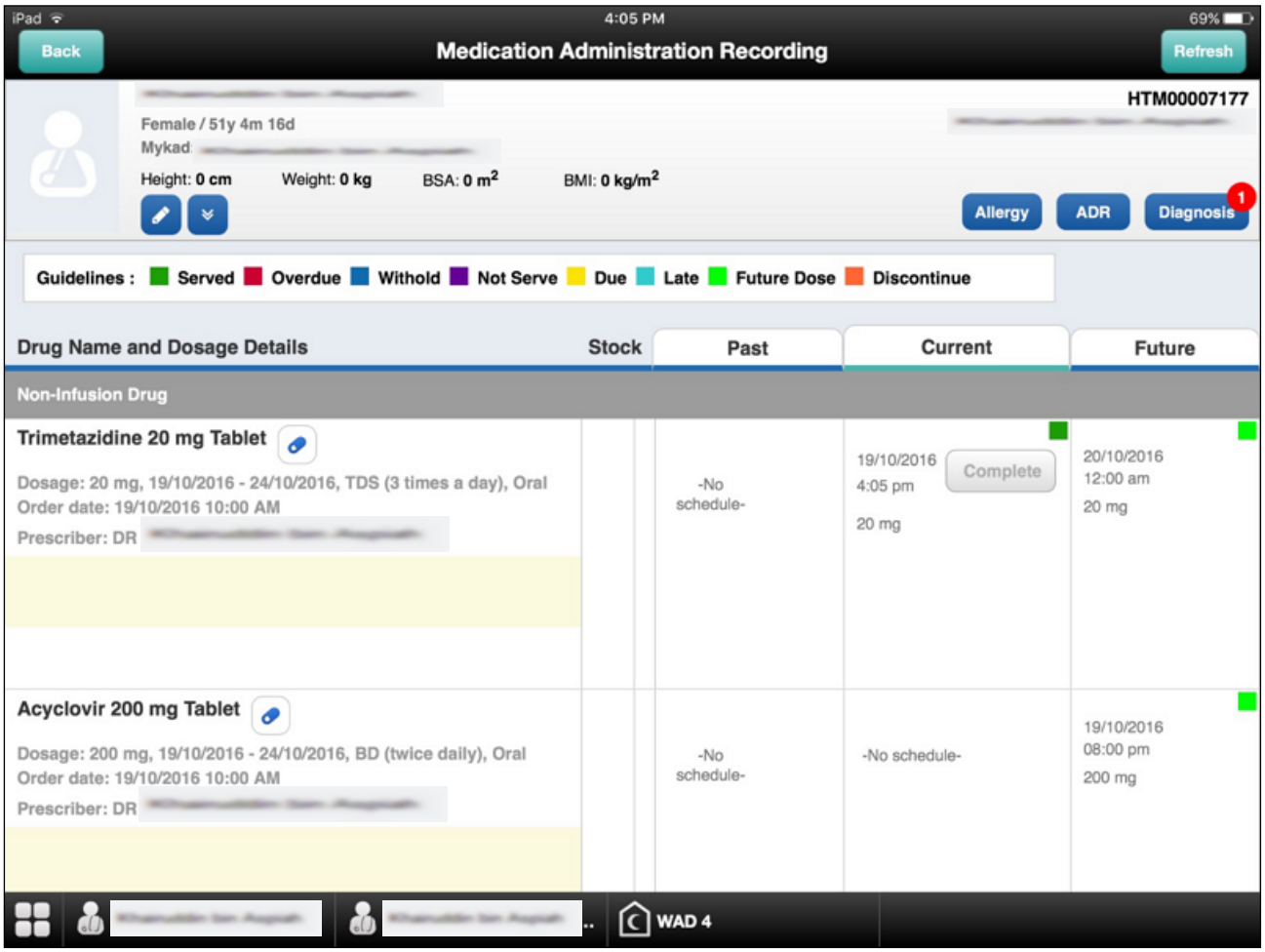


Figure 3.1.1-9 Medication Administration Recording

3.1.2 Add / Edit Remarks

Add / Edit Remarks is used for record the medication with status **Overdue** only

3.1.2.1 Late Administered

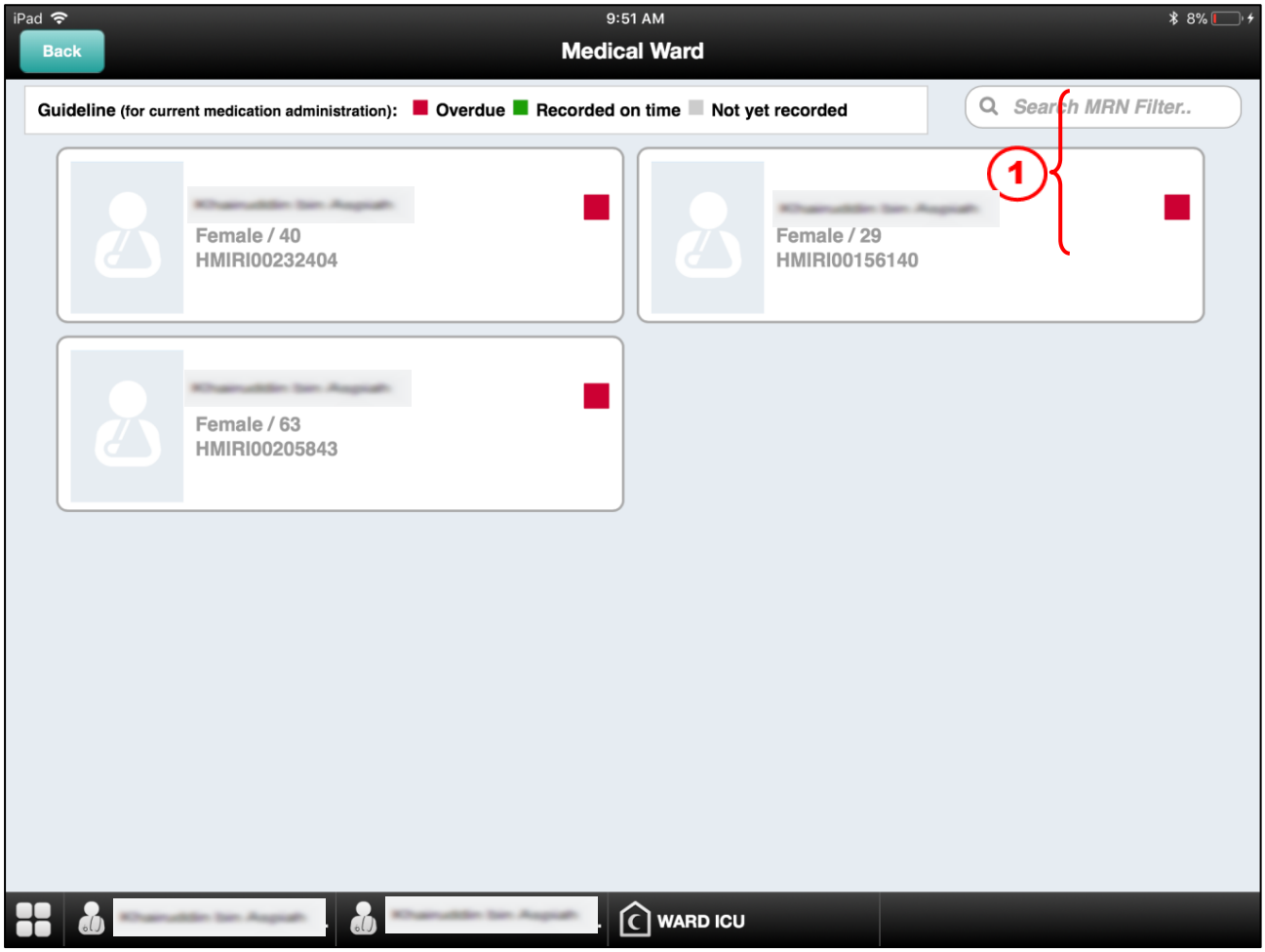


Figure 3.1.2.1-1 Patient Listing Page

STEP 1

Tap on selected patient name or search the patient by using Search MRN Filter.. field

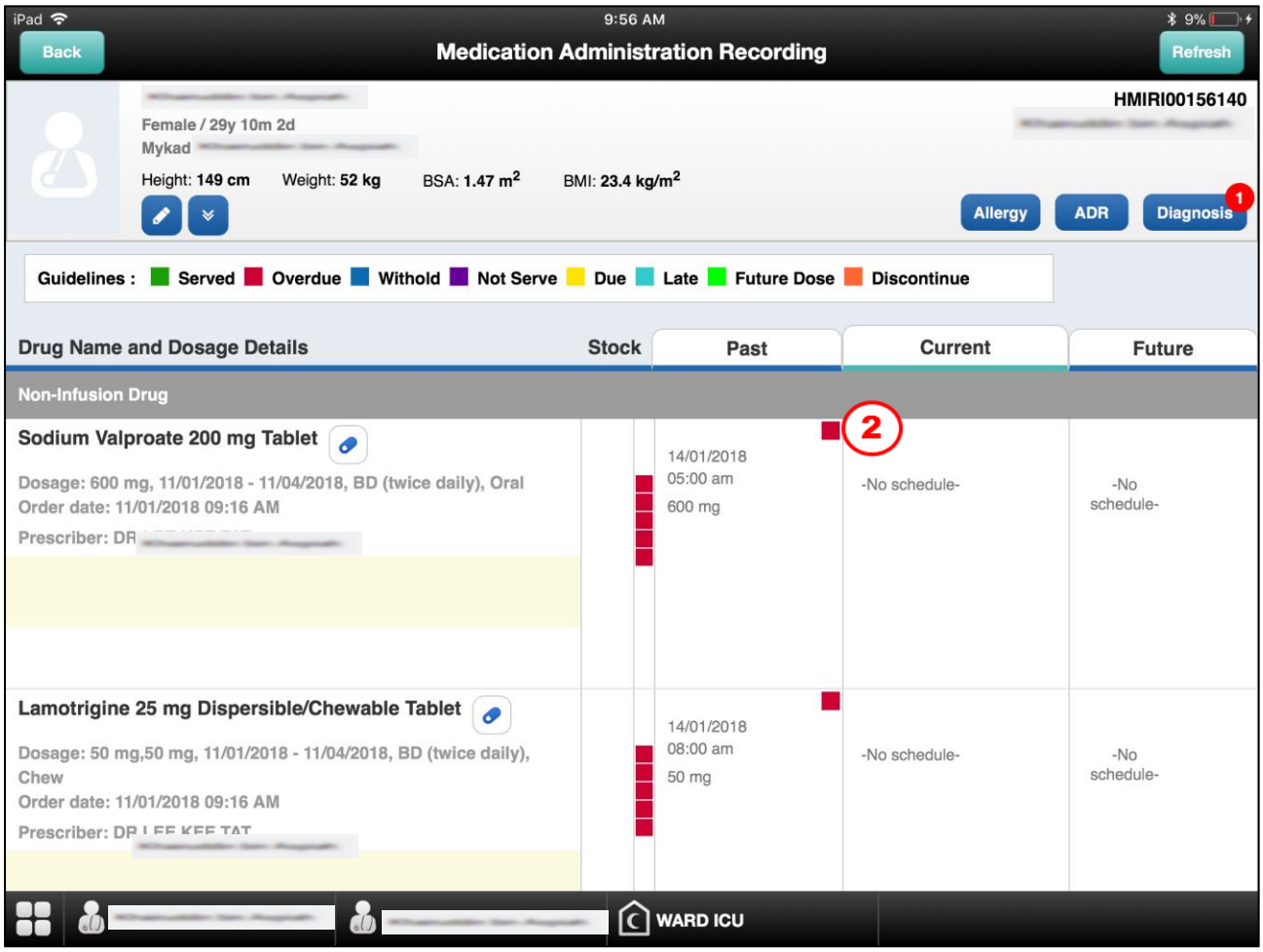


Figure 3.1.2.1-2 Medication Administration Recording

STEP 2

Tap on column with Overdue icon

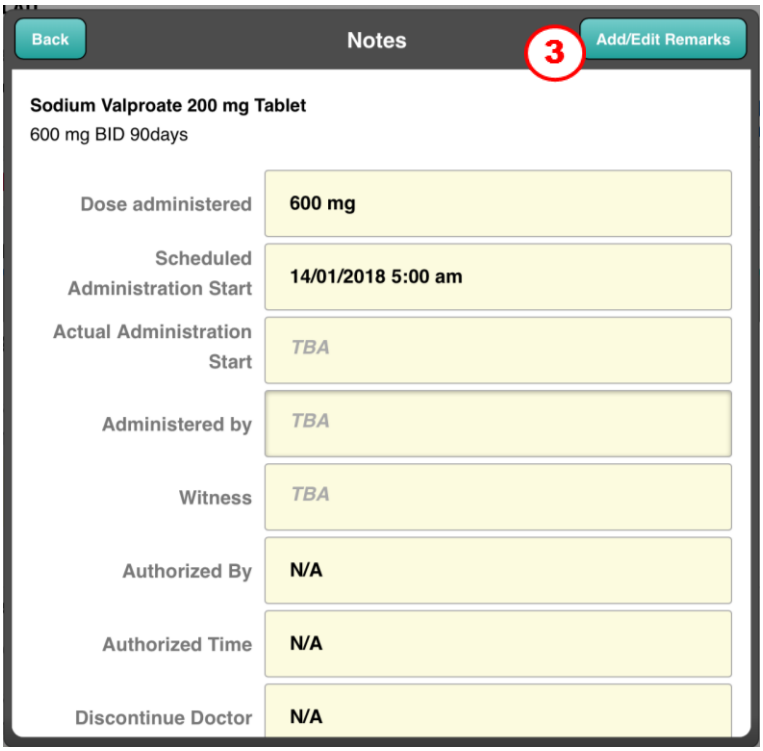


Figure 3.1.2.1-3 Medication Administration Recording

STEP 3

Tap on column

button

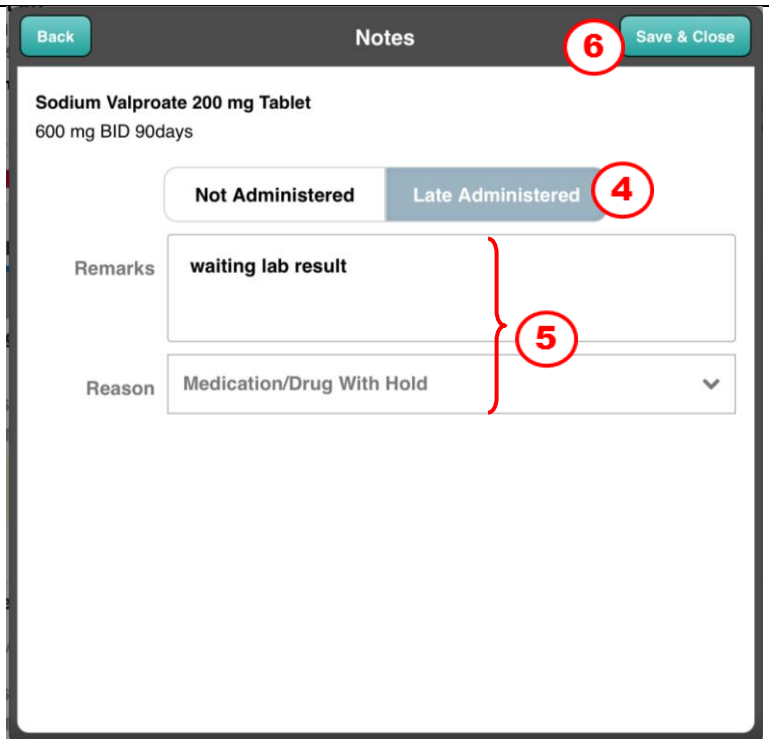
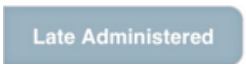


Figure 3.1.2.1-4 Medication Administration Recording

STEP 4

Tap on the 

button

STEP 5

Enter the information in the remarks field and choose the reason from drop down menu

STEP 6

Tap on the

button to save the record

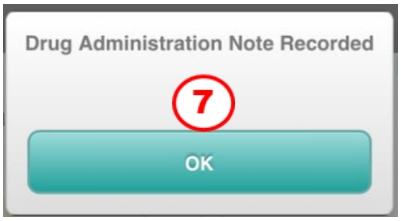


Figure 3.1.2.1-5 Medication Administration Recording

STEP 7

Tap on the

button and system will display as Figure 3.1.2.1-6

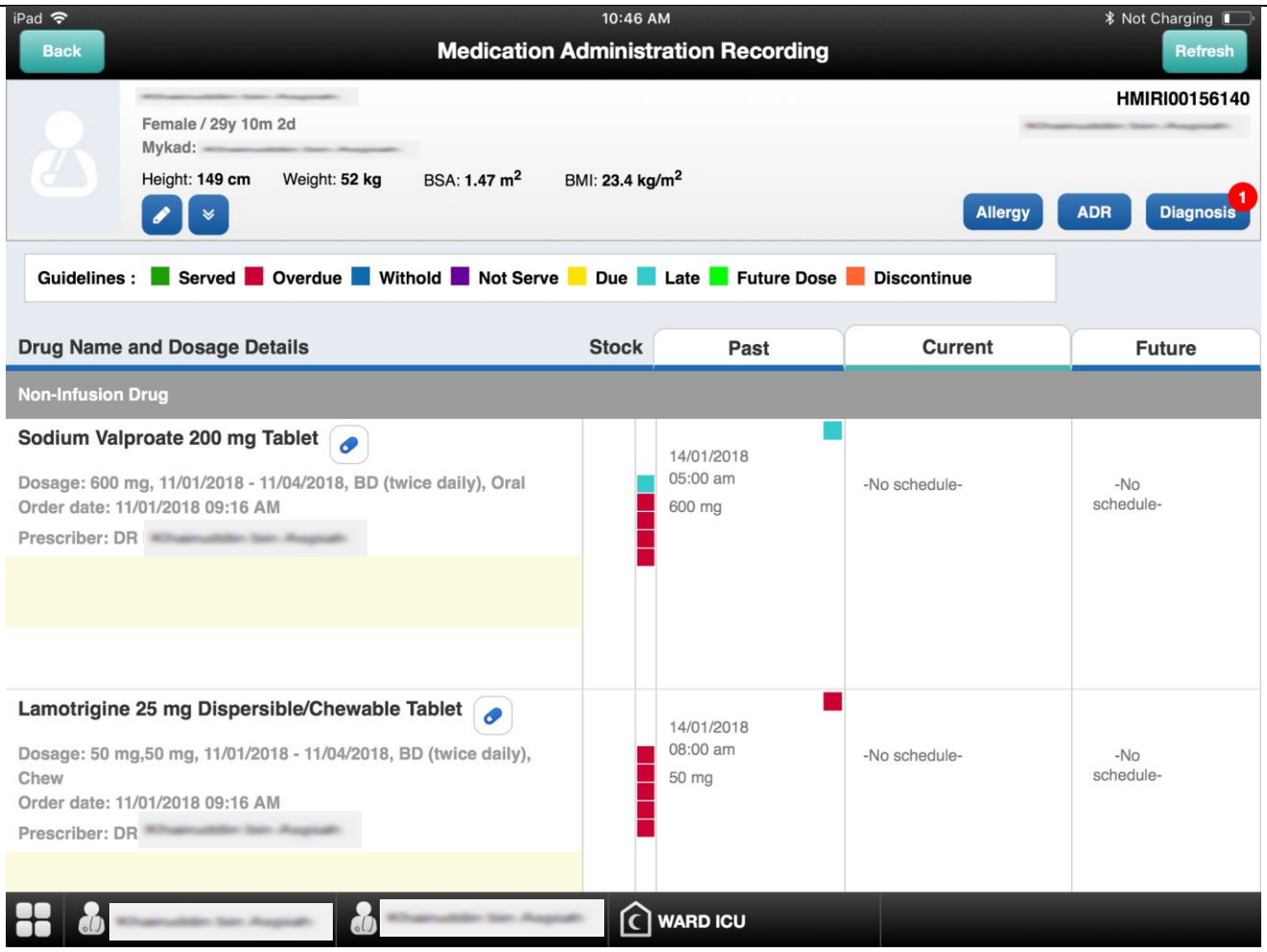


Figure 3.1.2.1-6 Medication Administration Recording

3.1.2.2 Not Administered

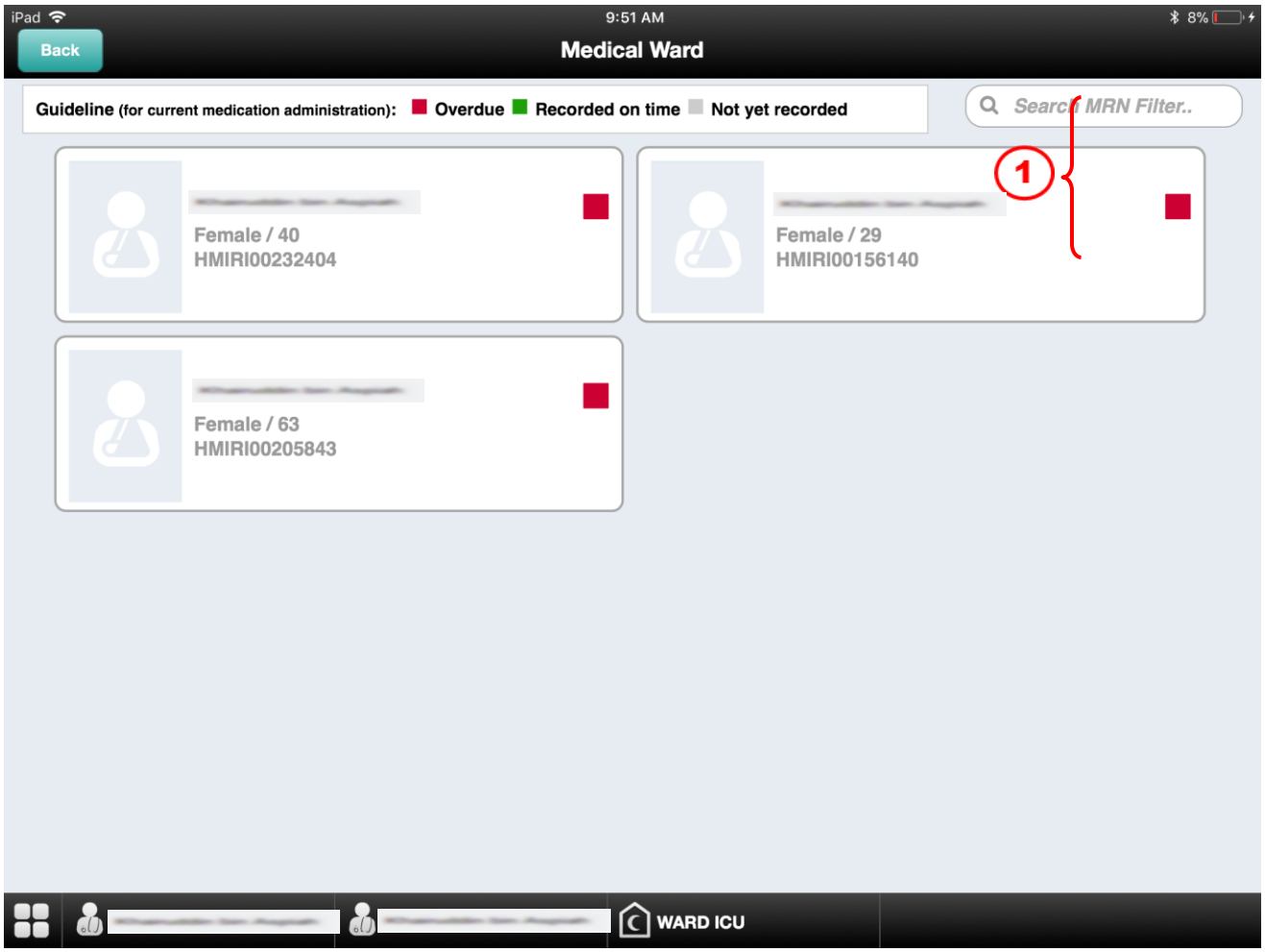


Figure 3.1.2.2-1 Patient Listing Page

STEP 1

Tap on selected patient name or search the patient by using Search MRN Filter.. field

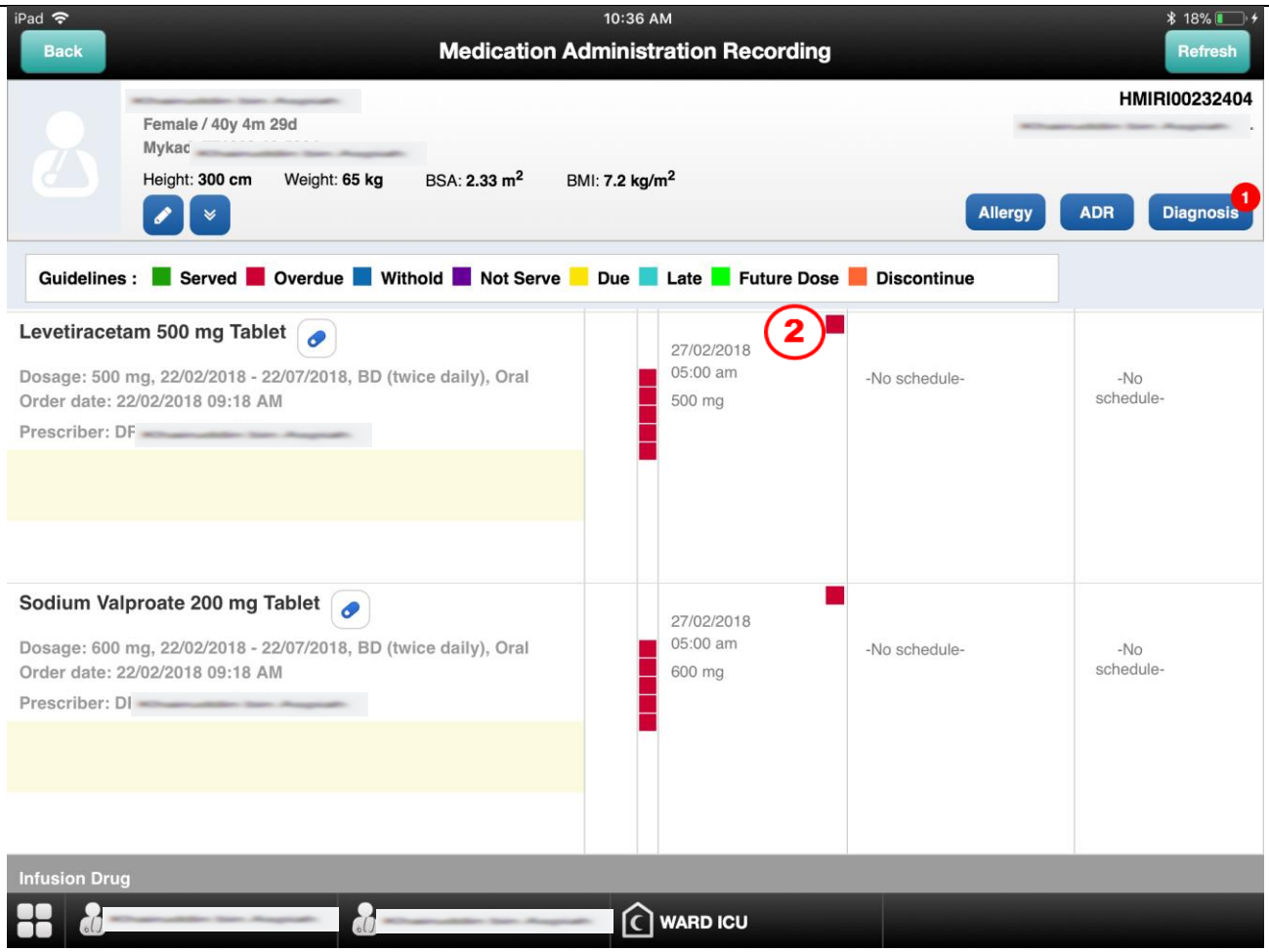


Figure 3.1.2.2-2 Medication Administration Recording

STEP 2
Tap on column with ■ Overdue icon

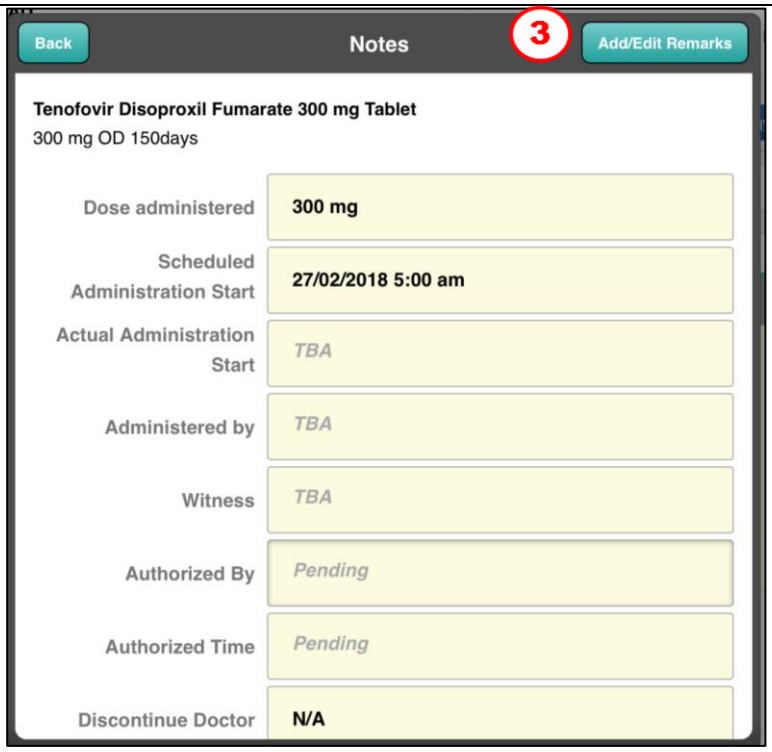


Figure 3.1.2.2-3 Medication Administration Recording

STEP 3

Tap on column

button

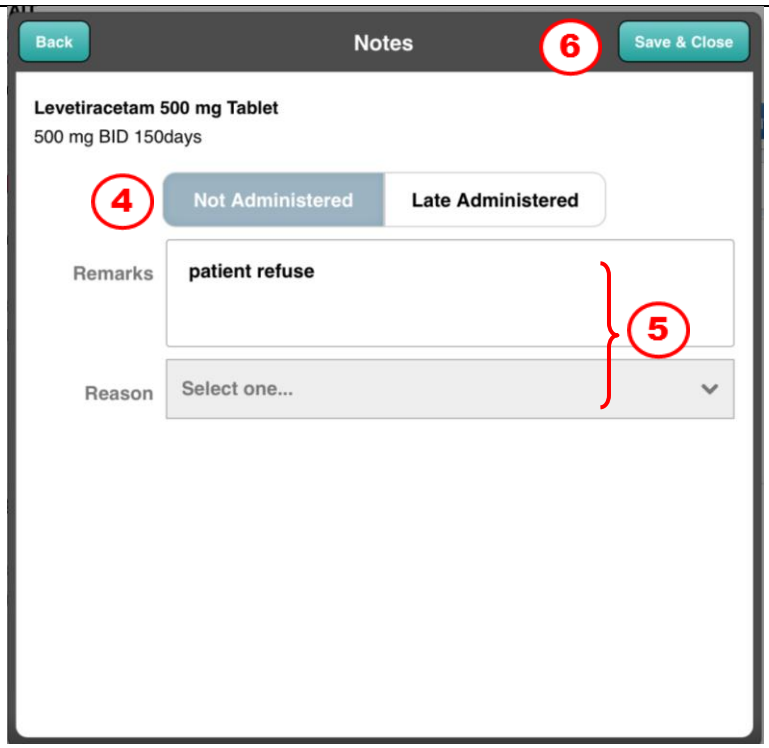


Figure 3.1.2.2-4 Medication Administration Recording

STEP 4

Tap on the

button

STEP 5

Enter the information in the remarks field and choose the reason from drop down menu

STEP 6

Tap on the

button to save the record

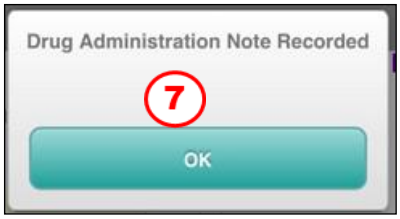


Figure 3.1.2.2-5 Medication Administration Recording

STEP 7

Tap on the

button and system will display as Figure 3.1.2.2-6

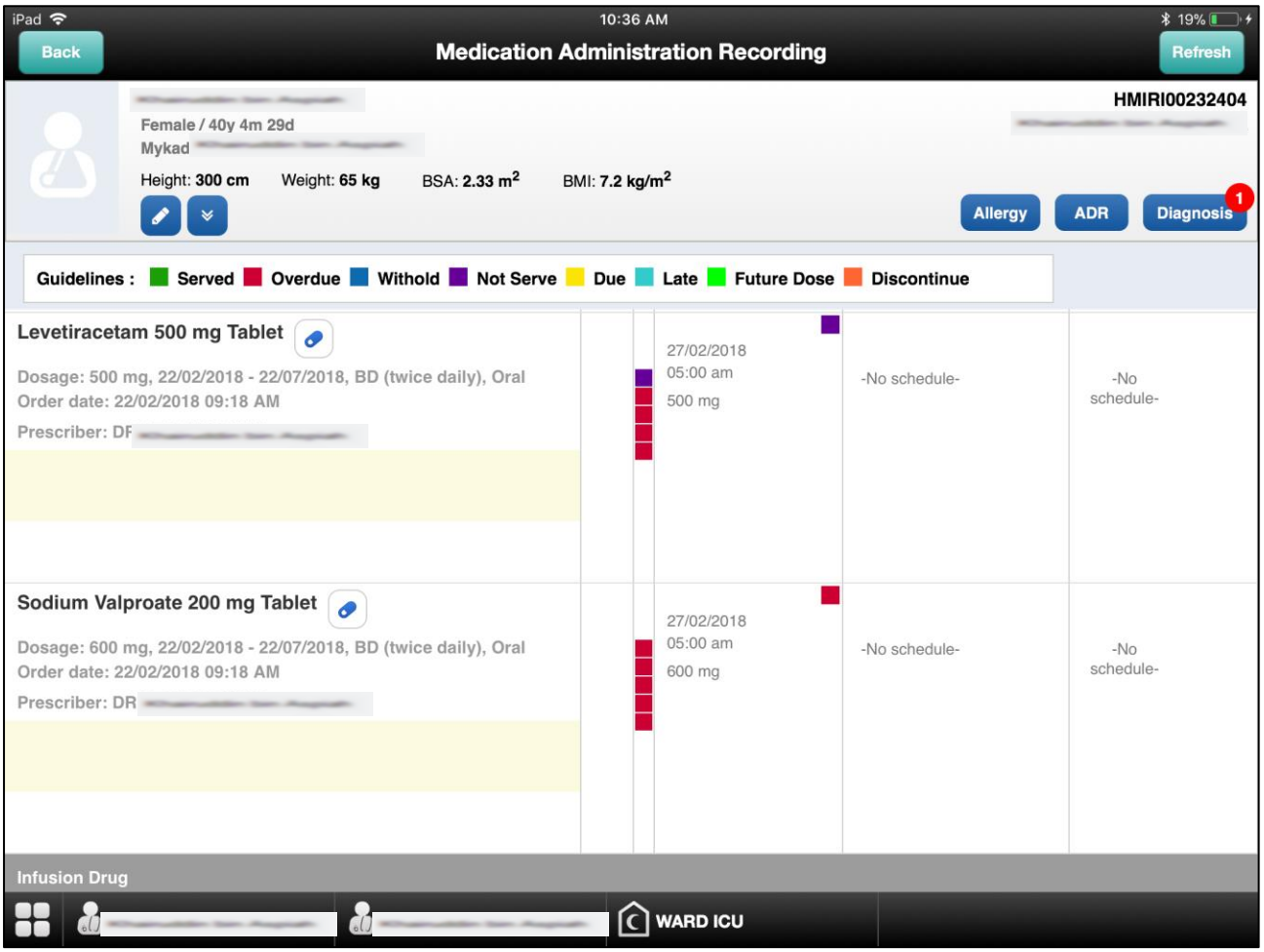


Figure 3.1.2.2-6 Medication Administration Recording

3.2 View MAR

View MAR is used to view the medication chart in the system

3.2.1 View MAR – Graph View

View MAR Graph View is used to view the medication chart in Graph format

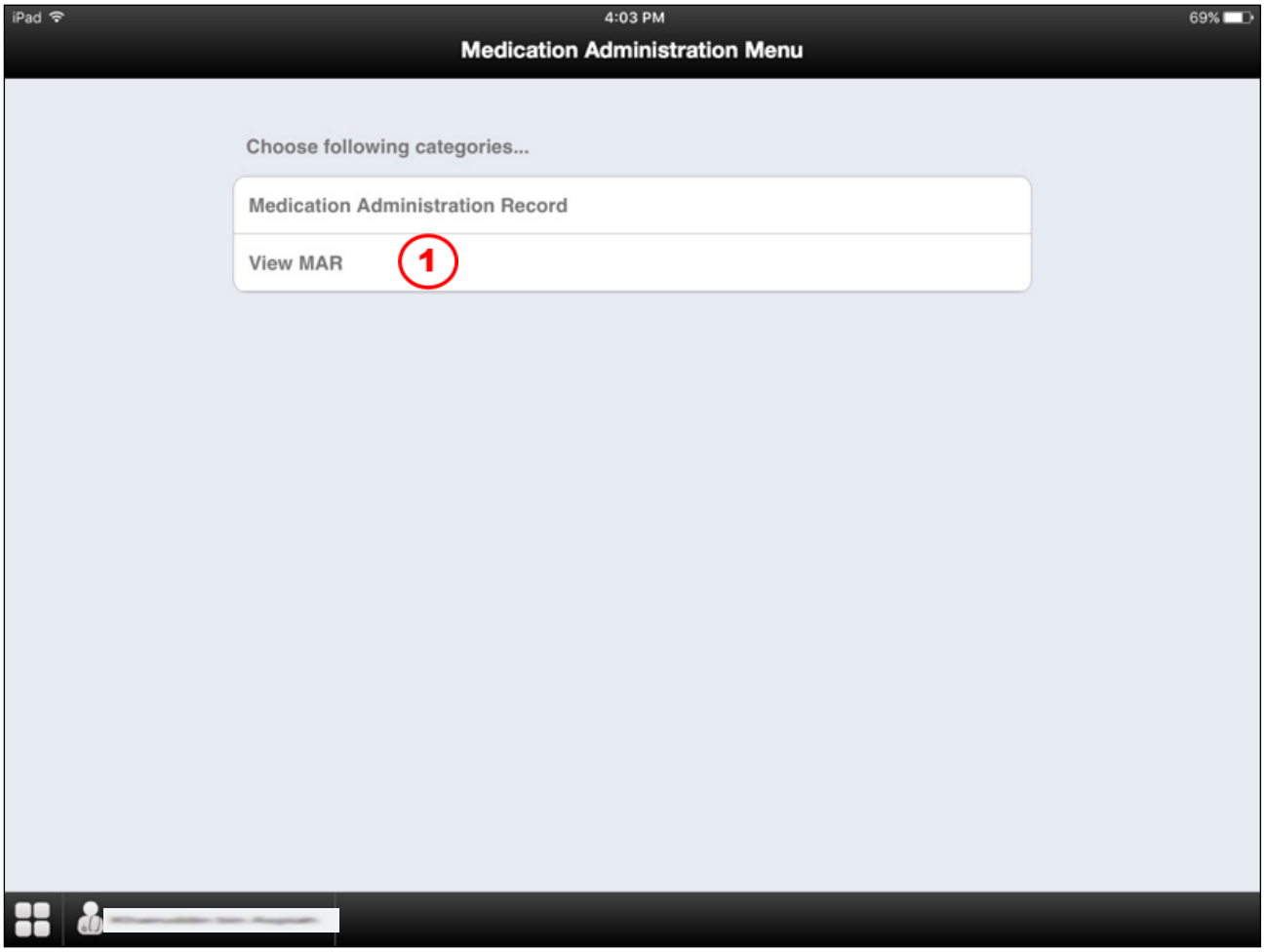


Figure 3.2.1-1 MAR Listing Page

STEP 1
Tap on the ***View MAR***

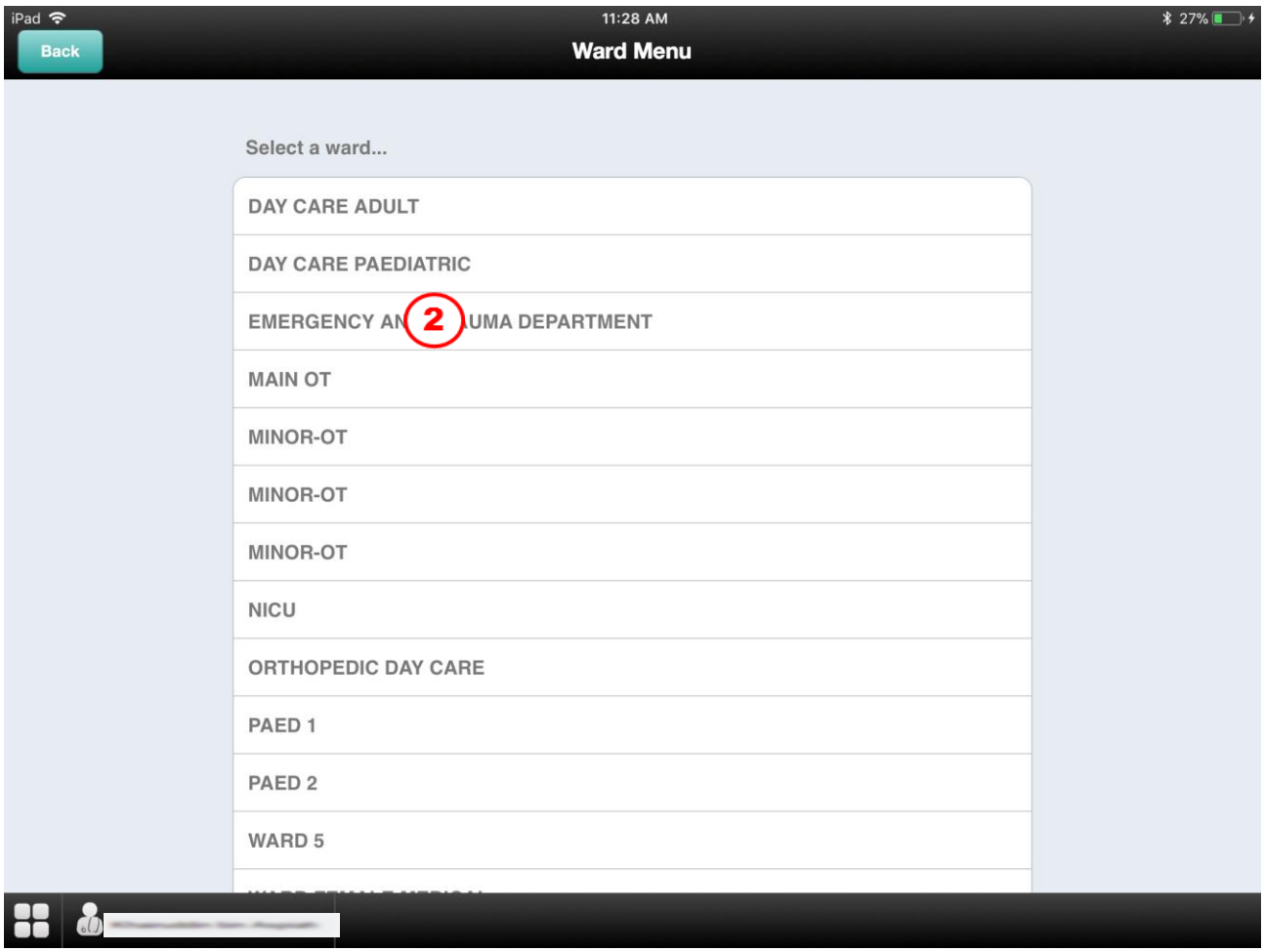


Figure 3.2.1-2 Location Screen Listing Page

STEP 2
Tap on the selected location e.g Dewan Bedah 1, WAD 1 to select patient

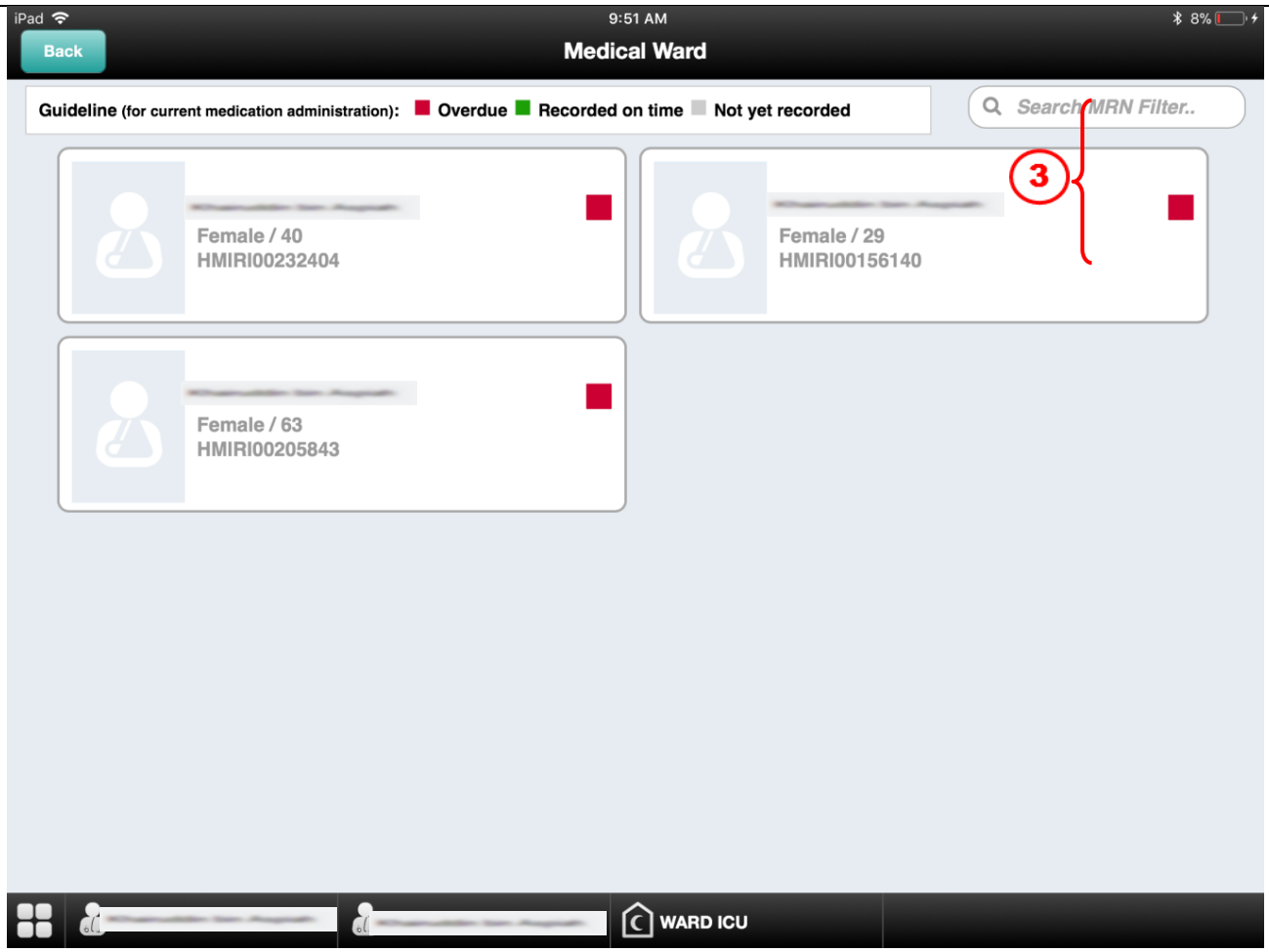


Figure 3.2.1-3 Patient Listing Page

STEP 3

Tap on selected patient name or search the patient by using Search MRN Filter.. field. System will display as Figure 3.2.1-4

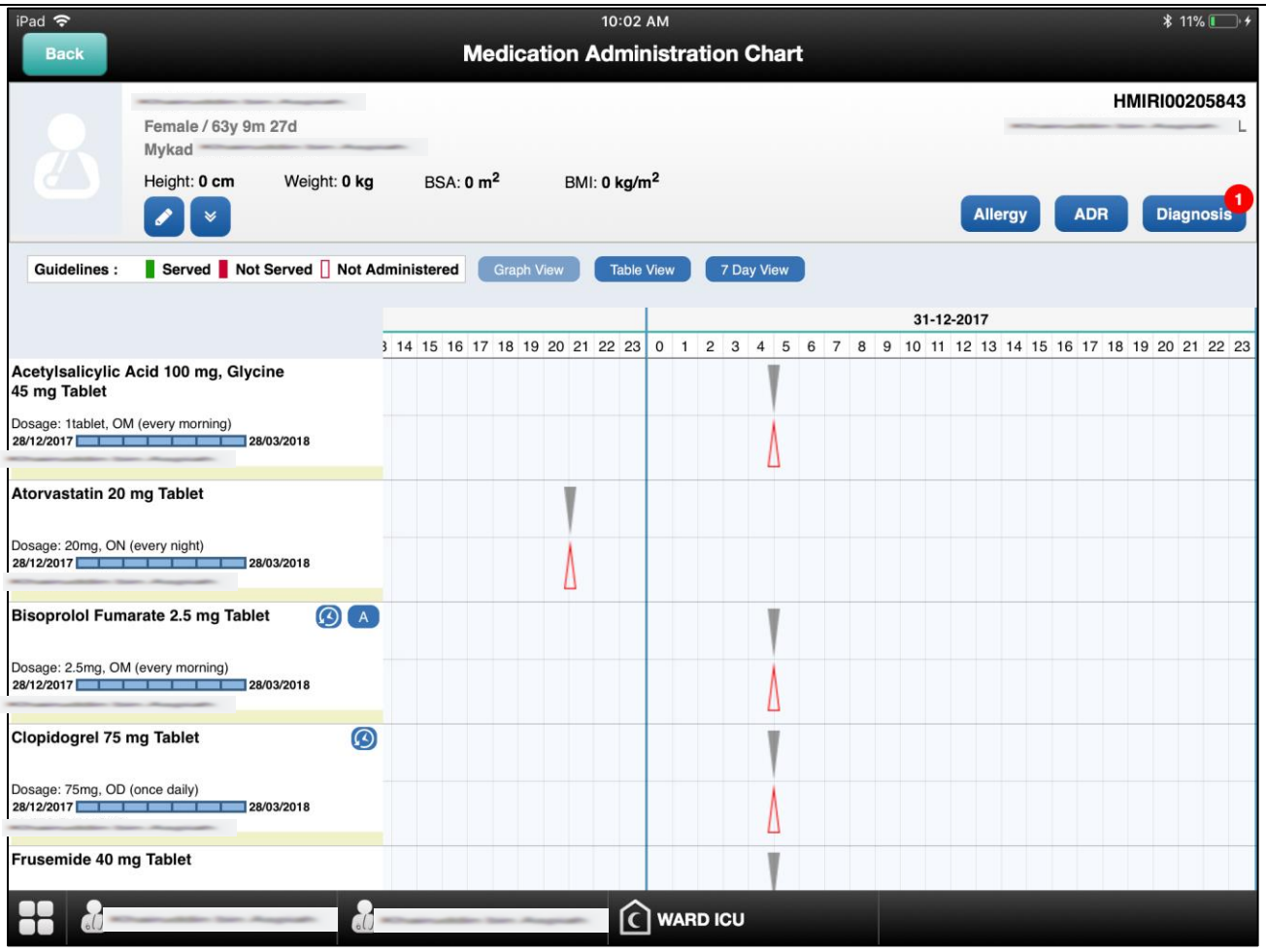
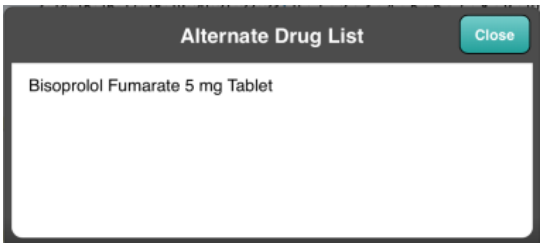


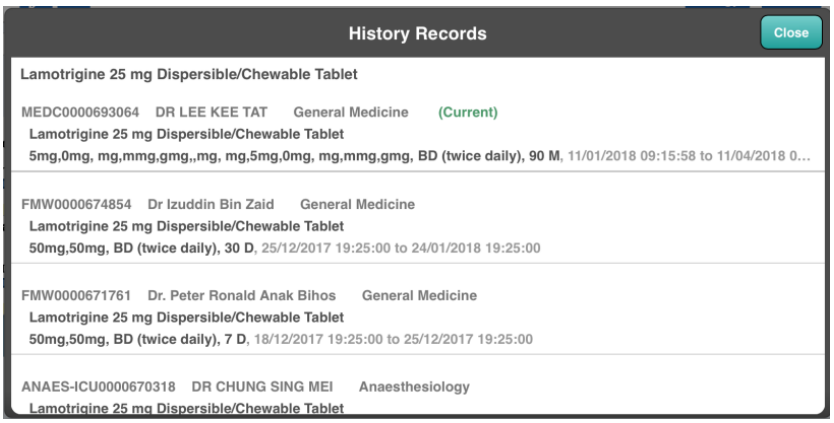
Figure 3.2.1-4 View MAR Graph View

Note

The A *icon indicates the drug has an alternate record. Tapping the* A *icon will display the Alternate Drug List*



The icon indicates that the drug has a history record. Tapping the icon will display the History Records



3.2.2 View MAR – Table View

View MAR Table View is used to view the medication chart in Table format

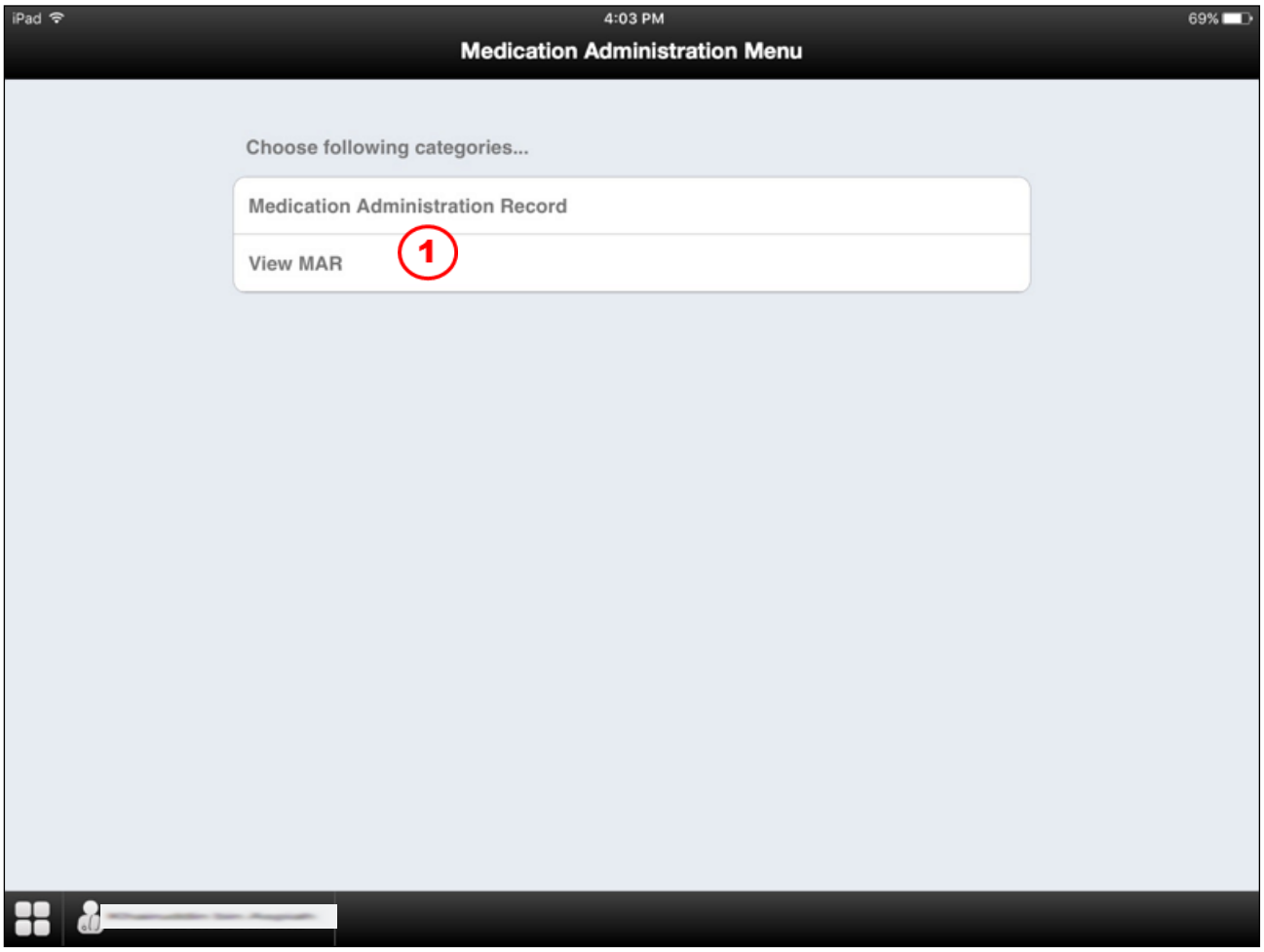


Figure 3.2.2-1 MAR Listing Page

STEP 1
Tap on the ***View MAR***

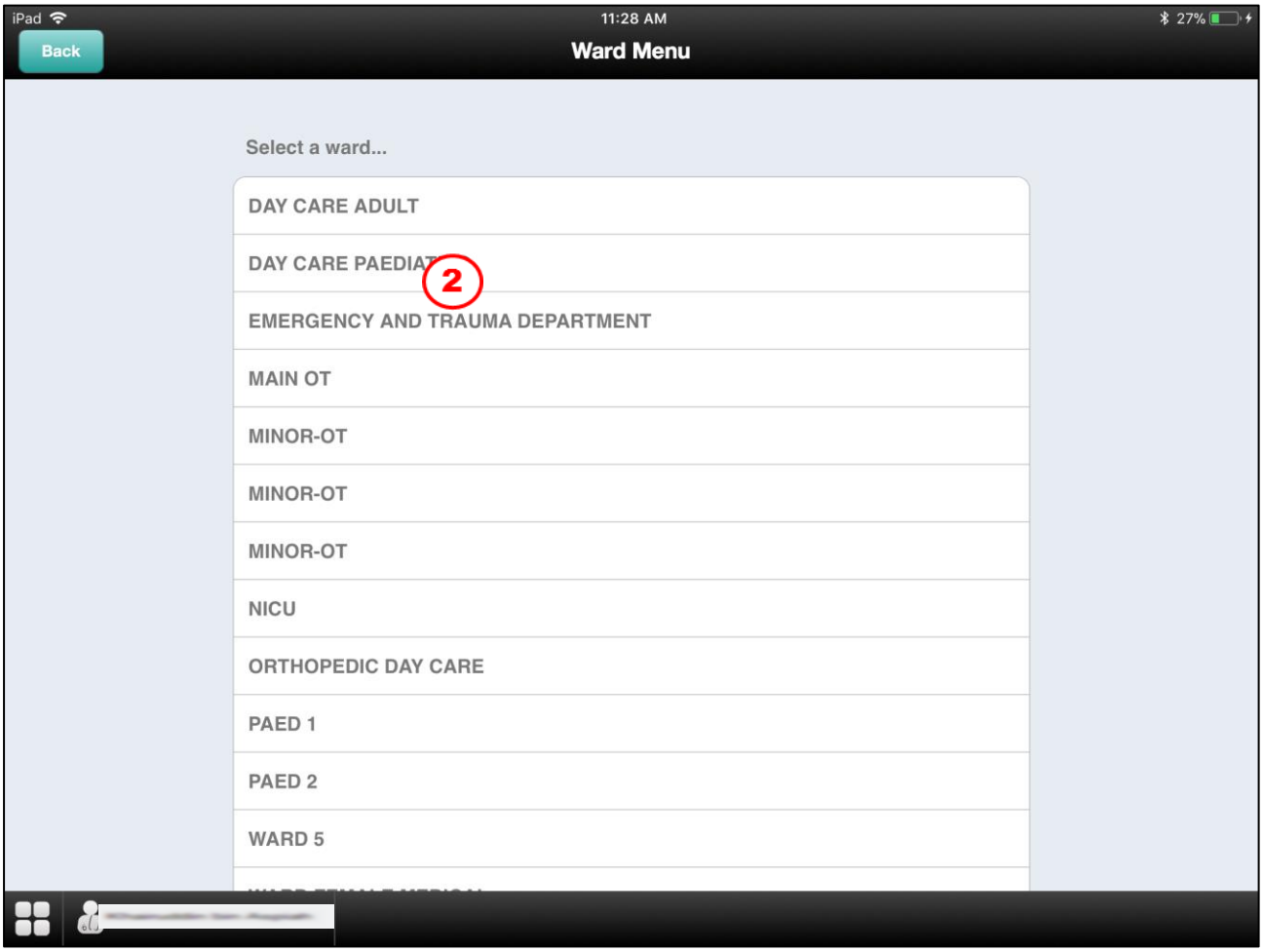


Figure 3.2.2-2 Location Screen Listing Page

STEP 2
Tap on the selected location e.g Dewan Bedah 1, WAD 1 to select patient

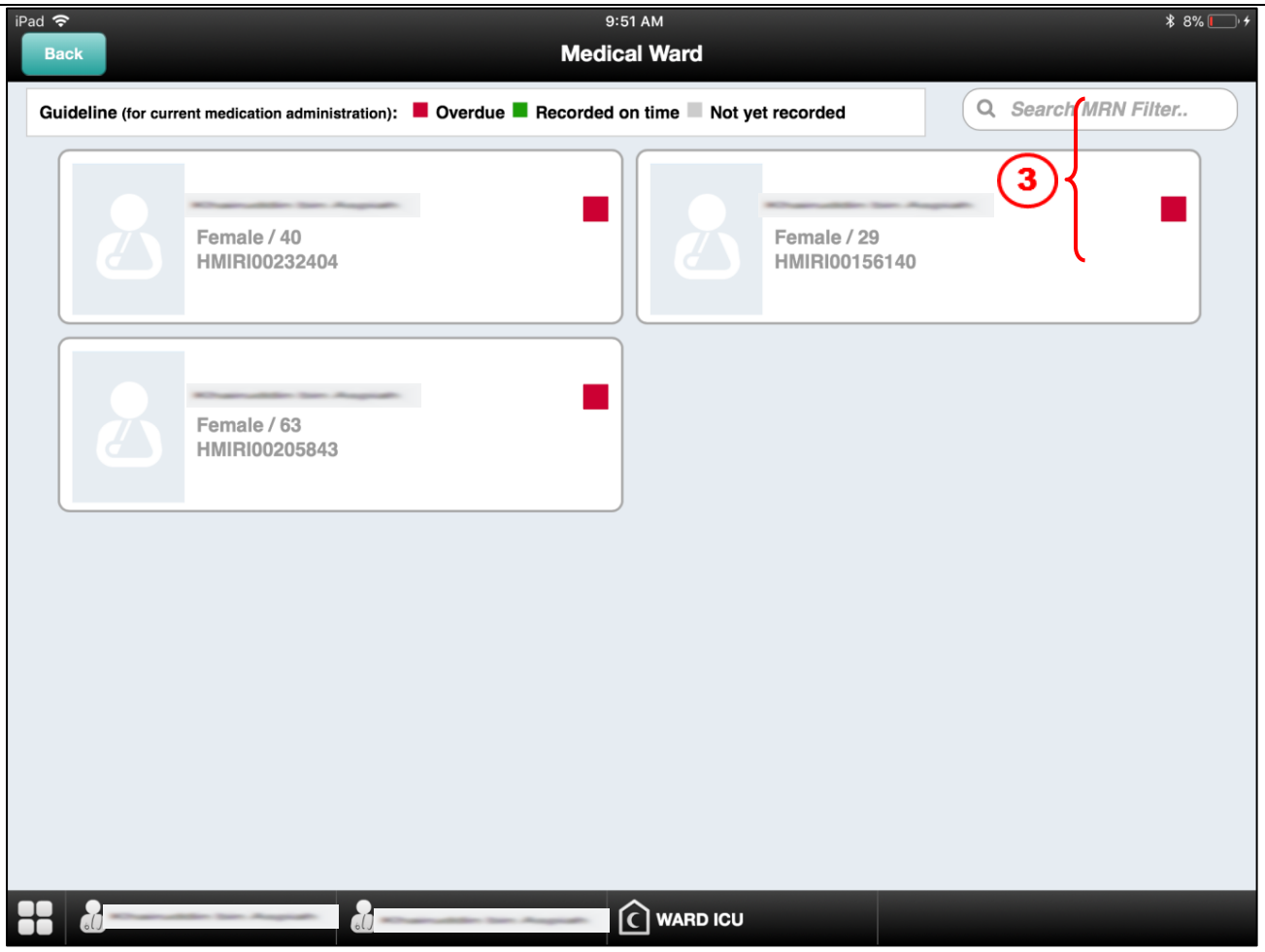


Figure 3.2.2-3 Patient Listing Page

STEP 3

Tap on selected patient name or search the patient by using Search MRN Filter.. field. System will display as Figure 3.2.1-4

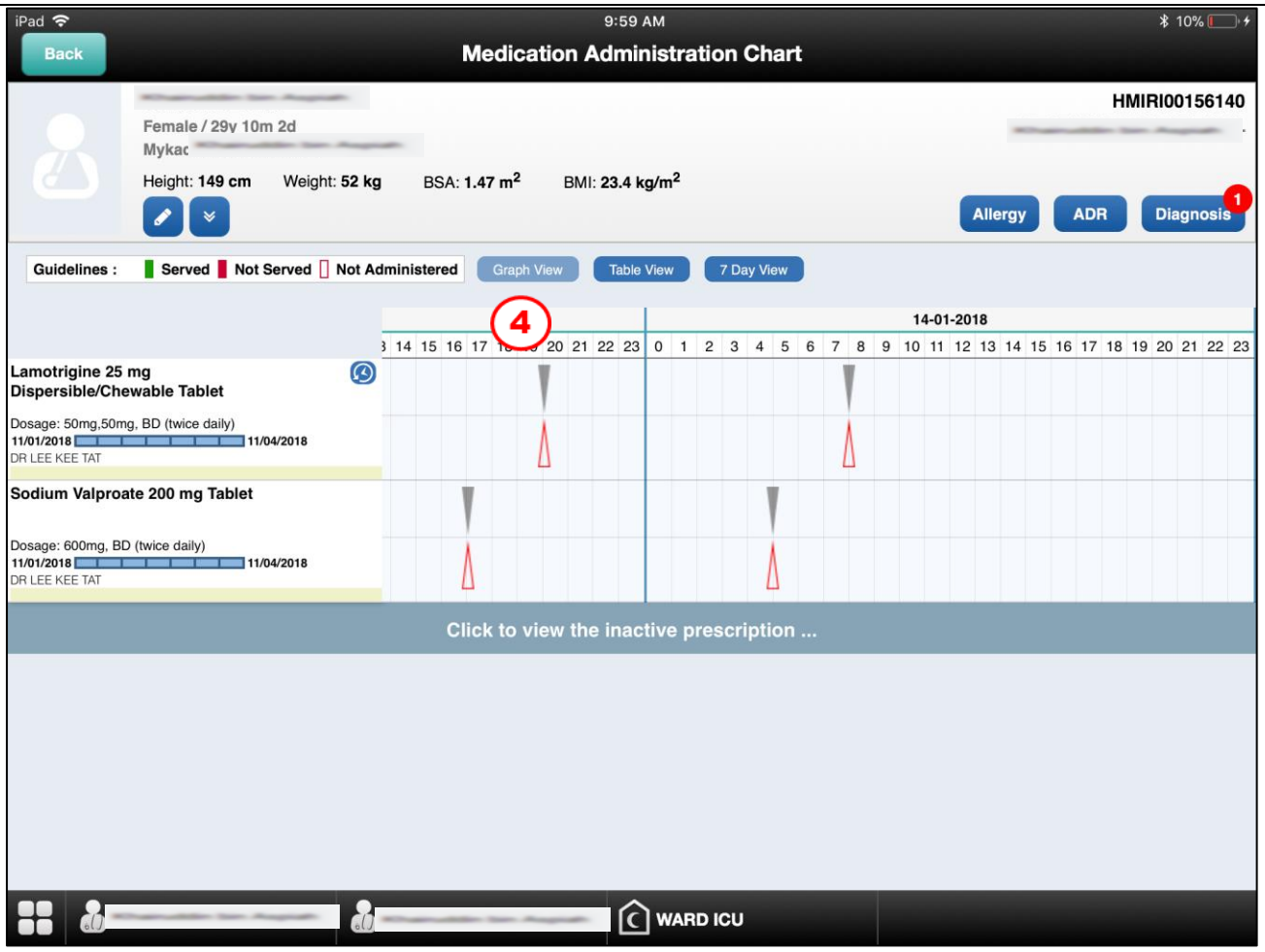


Figure 3.2.2-4 View MAR Graph View

STEP 4

Tap on the Table View button and system will display as Figure 3.2.2-5

NOTE

More records can be viewed by tapping the Click to view the inactive prescription ... *button. User can view more records without page paging*

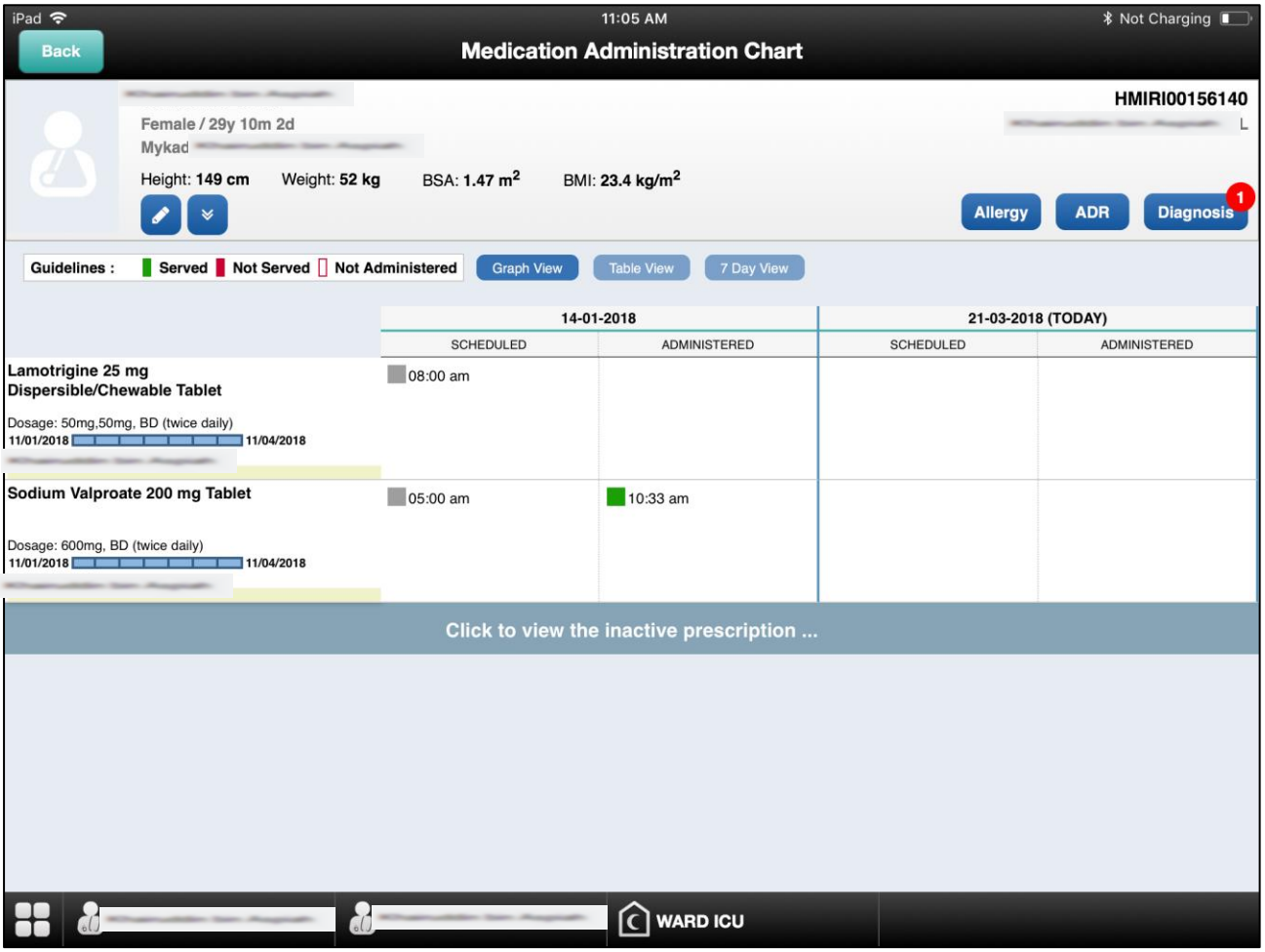


Figure 3.2.2-5 View MAR Table View

3.2.3 View MAR – 7 Days View.

View MAR Graph View is used to view the medication chart for duration of 7 days

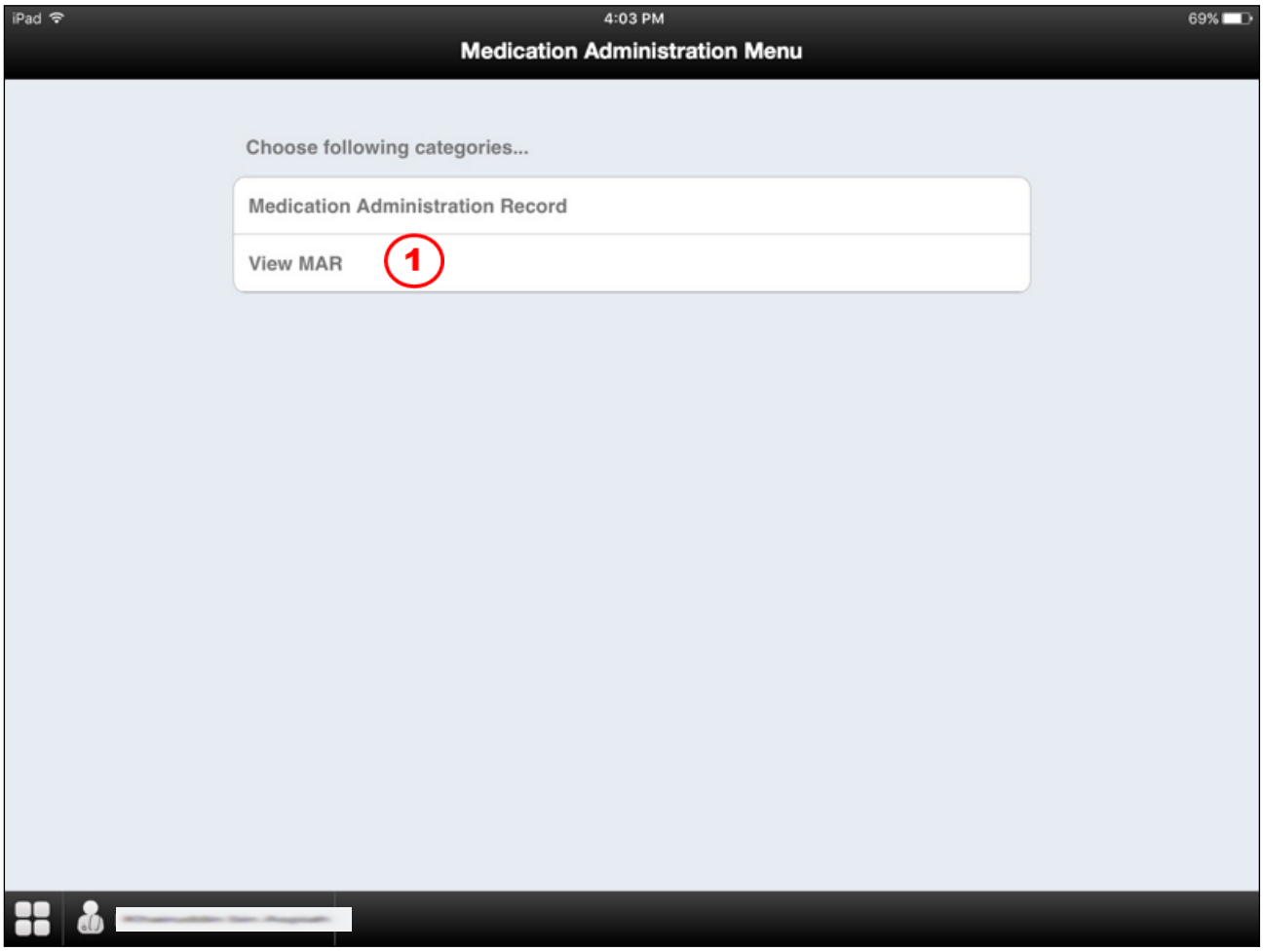


Figure 3.2.3-1 MAR Listing Page

STEP 1
Tap on the ***View MAR***

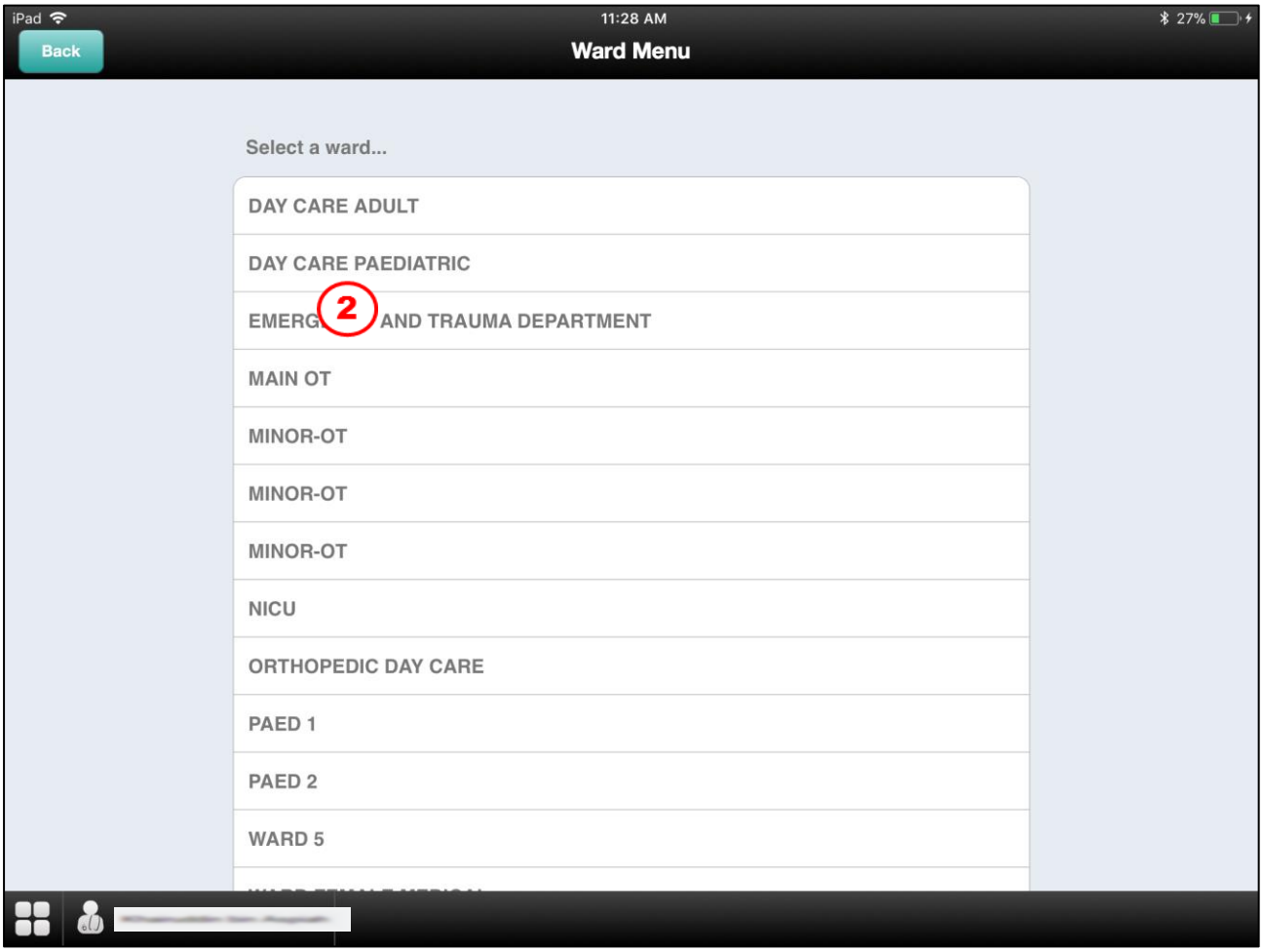


Figure 3.2.3-2 Location Screen Listing Page

STEP 2
Tap on the selected location e.g WAD ICU to select patient

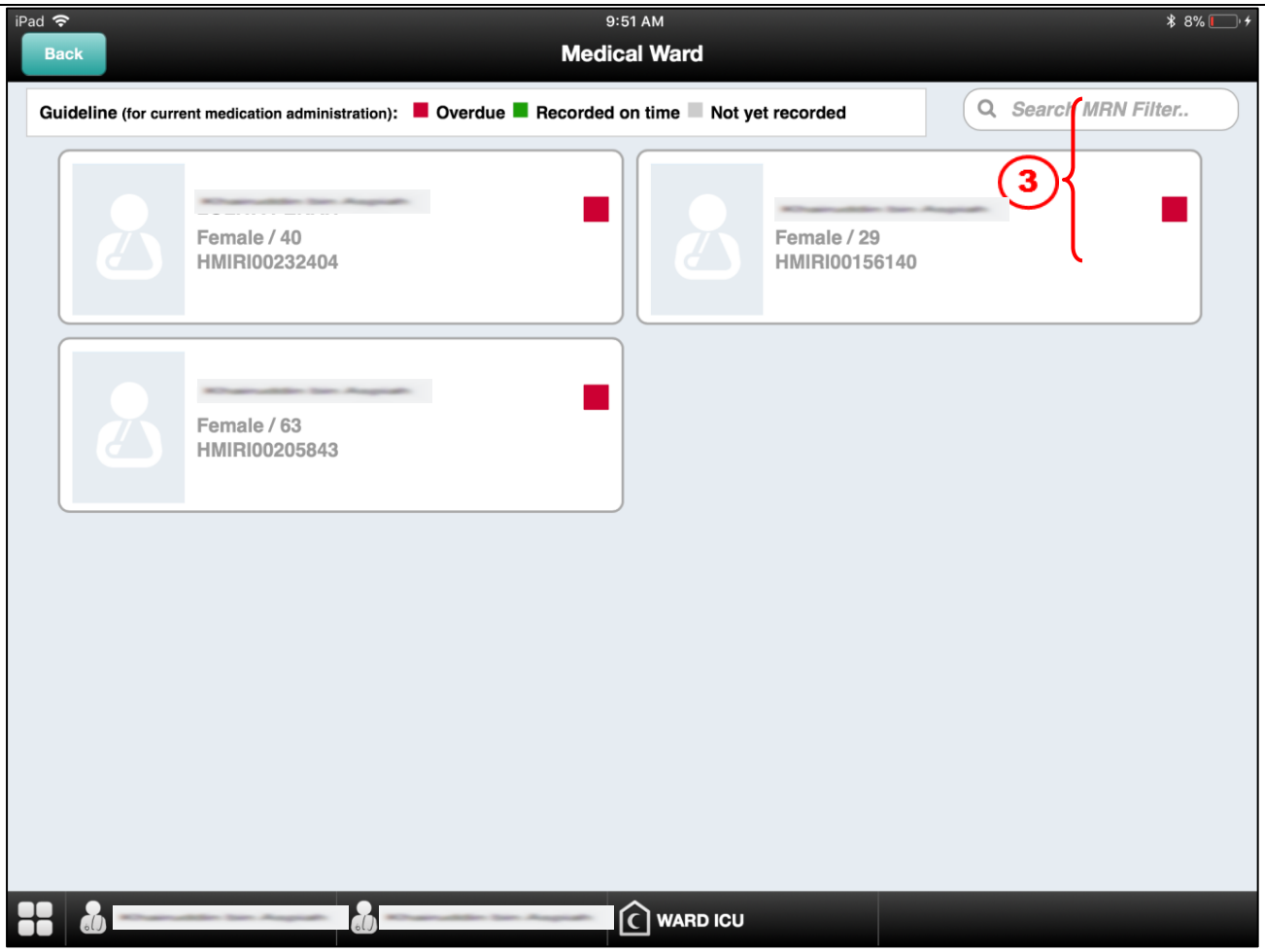


Figure 3.2.3-3 Patient Listing Page

STEP 3

Tap on selected patient name or search the patient by using Search MRN Filter.. field. System will display as Figure 3.2.1-4

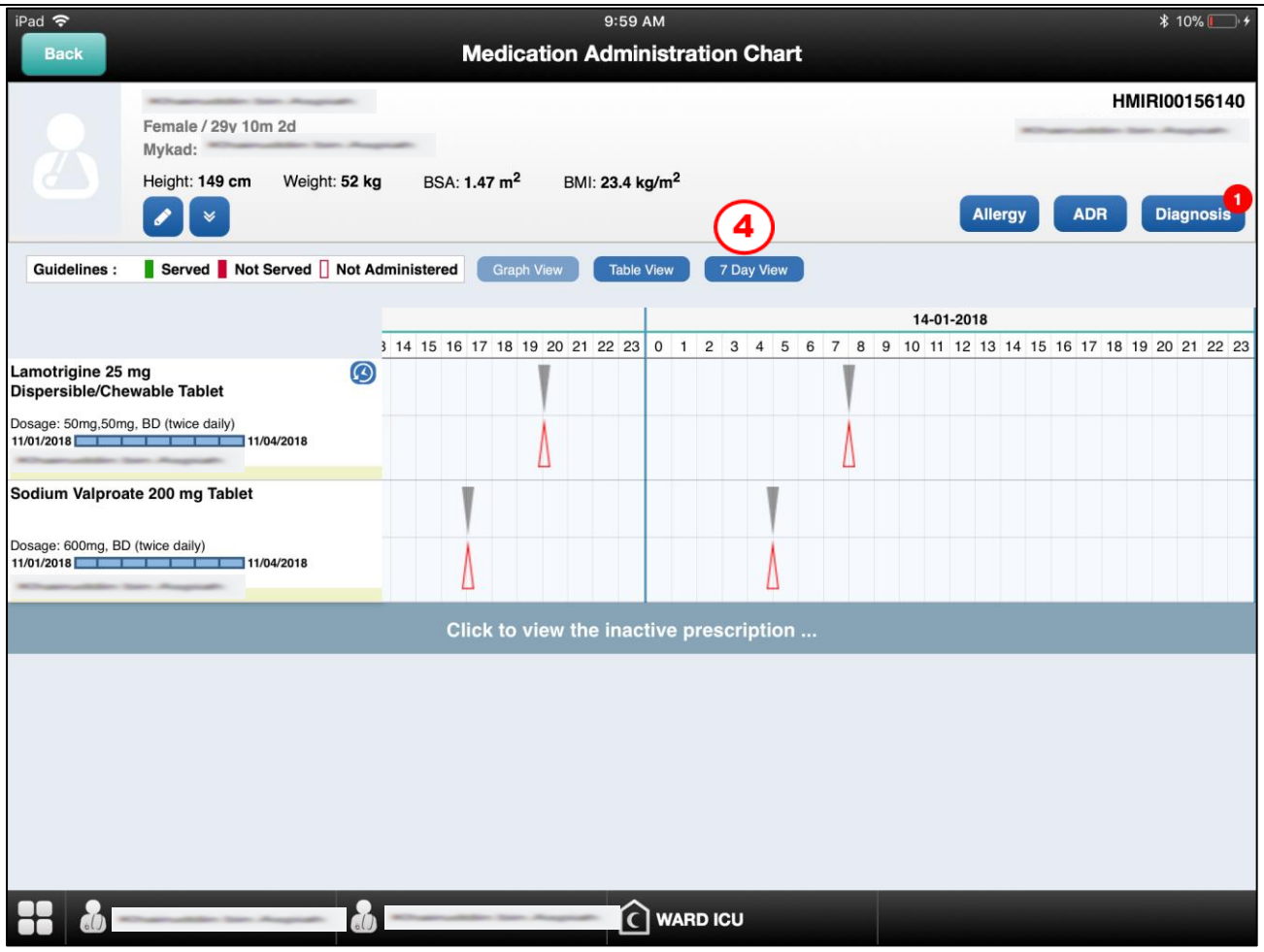


Figure 3.2.3-4 View MAR Graph View

STEP 4

Tap on the 7 Day View button

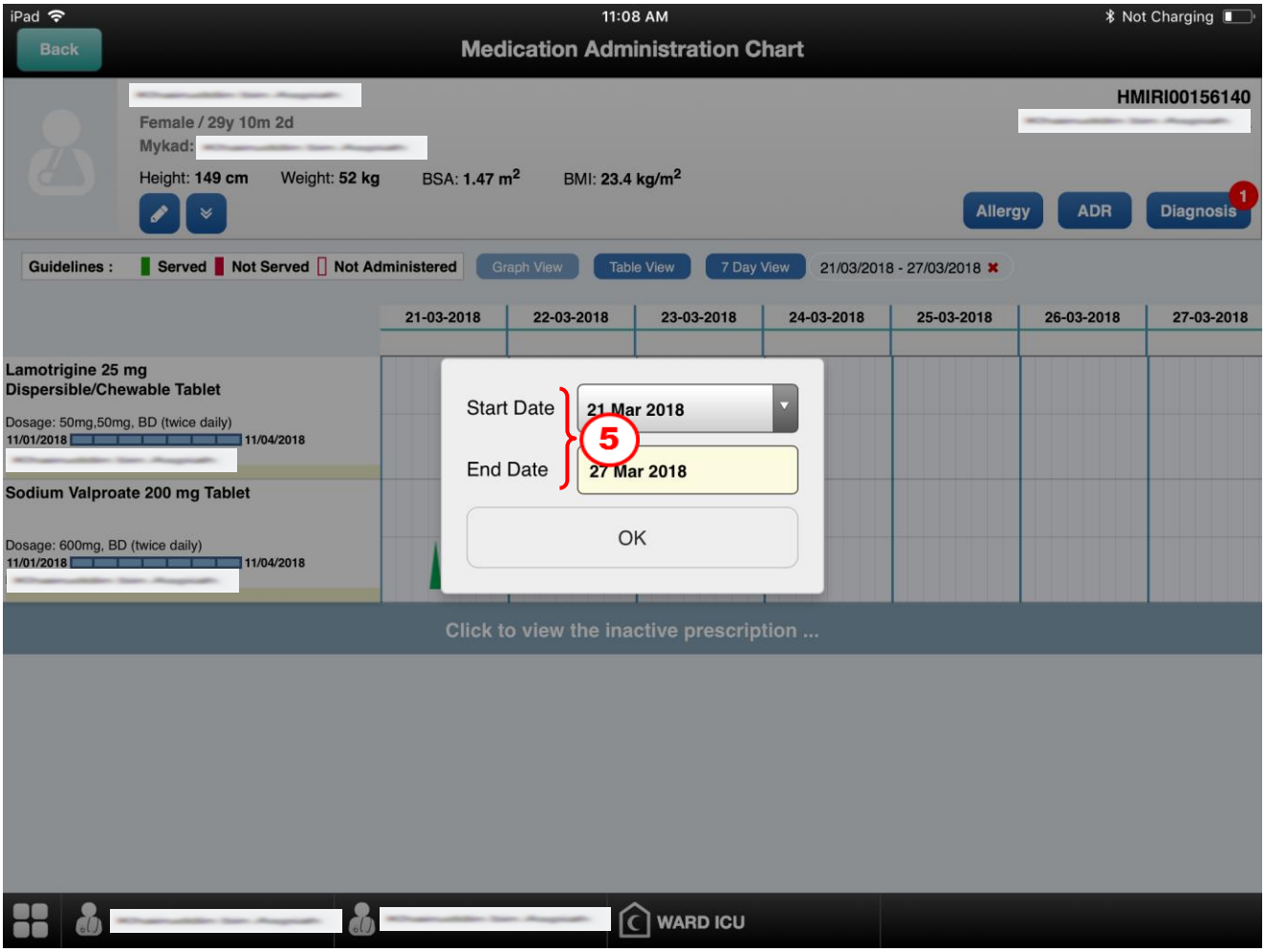


Figure 3.2.3-5 View MAR Graph View

STEP 5

Enter the **Start Date** and **End Date** then tap on the **OK** button and system will display as Figure 3.2.3-6

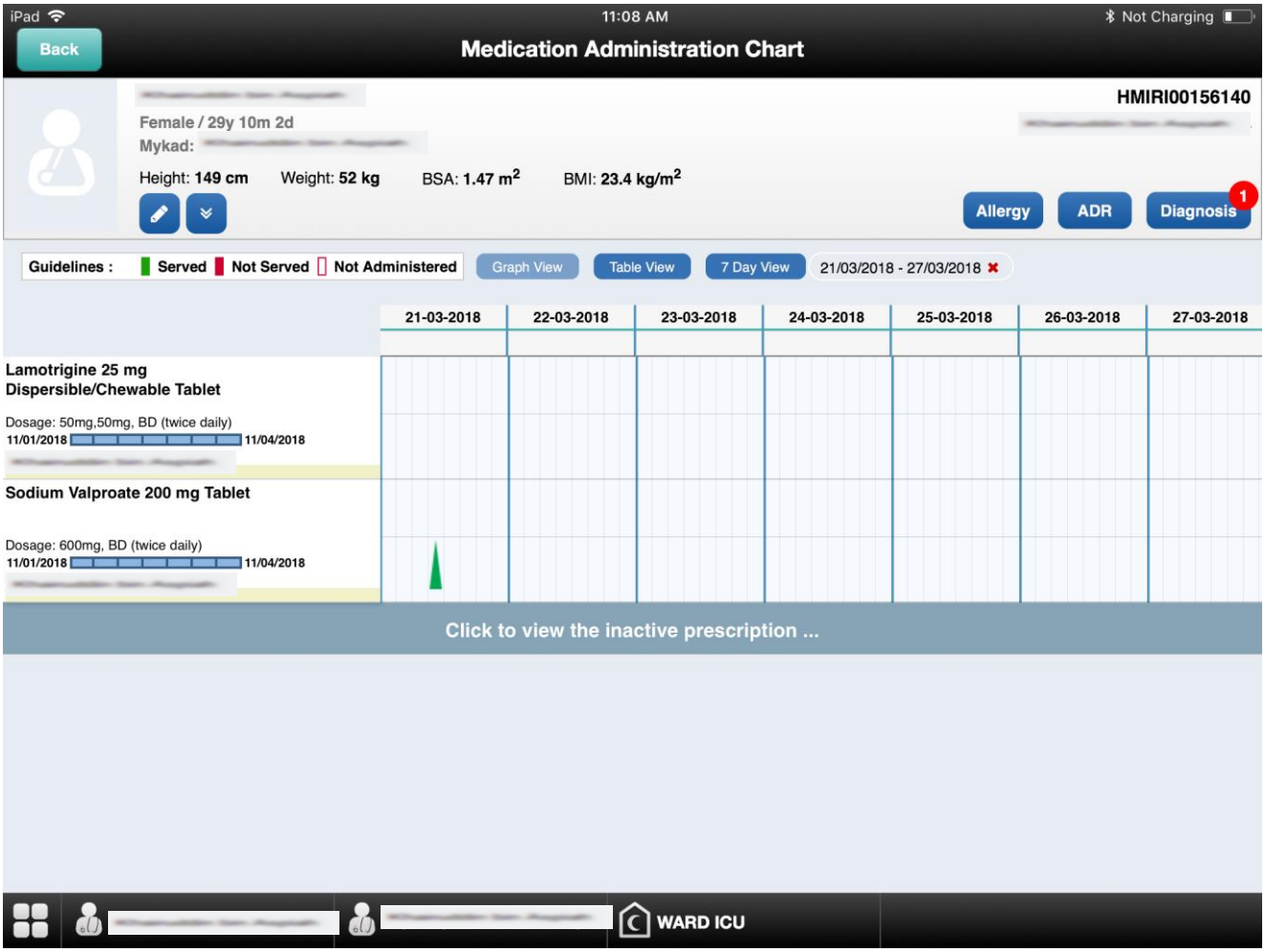
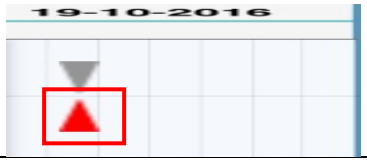
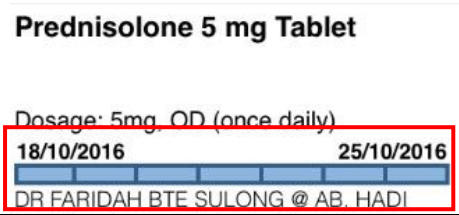


Figure 3.2.3-6 View MAR 7 Days View

View MAR Legend

ICON / SCREENSHOT	DESCRIPTION
	Drug Not Serve
	Drug prescribe for 7 days

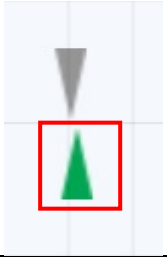
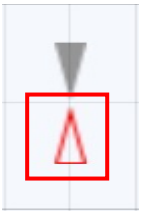
Prednisolone 5 mg Tablet Dosage: 10mg, OD (once daily) 16/10/2016 21/10/2016 DR MUHD FAIZ FAIZUL BIN FAUZI Stock:	Drug to be served remain 3 days
	Drug served
	Drug is not administered
~~***Baclofen 10 mg Tablet***~~ ~~*Dosage: 10mg, TDS (3 times a day)*~~ *11/10/2016* *16/10/2016* ~~*DR NURLAILI BT. ZAKARIA*~~ ~~*Stock:*~~	Own medication discontinued/stop by prescriber / doctor
~~***Cefotaxime 1g Injection***~~ ~~*Dosage: 1000mg, Q8H*~~ *31/07/2016* *07/08/2016* ~~*DR RABIATUL ADAWIYAH BT MOHD GHAZALI*~~ ~~*Stock:*~~	Dispense medication discontinued/stop by prescriber / doctor

Table 3.2-1 View MAR Legend

4.0 Acronyms

Abbreviation	Definition
PhIS	Pharmacy Information System
CPS	Clinical Pharmacy System
OM	Order Management
MRN	Medical Record Number
TDM	Clinical Pharmacokinetics Services
ADR & DAC	Adverse Drug Reaction and Drug Allergic Card
MTAC	Medication Therapy Adherence Clinic
MOH	Ministry Of Health
CDR	Cytotoxic Drug Reconstitution
TDM	Therapeutic Drug Monitoring
PN	Parenteral Nutrition

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*		